Appendix 5 – SA/SEA of Policies included in the Minerals and Waste Local Plan

Key: Effects of policy on SA Objectives

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Significantly Positive	Positive	Uncertain	Neutral	Negative	Significantly Negative

Policy 1: Sustainable Development

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	+	The policy should result in a positive impact on biodiversity		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact on geodiversity?	+	The policy should result in a positive impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	+	The policy should result in a positive impact on water quality		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact on water resources?	+	The policy should result in a positive impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	+	The policy should result in a positive impact on flood risk		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
4) To maximise the sustainable use of land and the protection of soils, safeguarding the	Is there likely to be an impact on the best and most versatile agricultural land?	+	The policy should result in a positive impact on best and most versatile agricultural land		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have
	Is there likely to be an impact on soil quality?	+	The policy should result in a positive impact on soil quality		

best and most versatile agricultural land	Would previously developed land be utilised?	+	The policy should result in a positive impact on use of previously developed land		short/medium term impacts, but following completion of the work the impact should be neutral or positive
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	+	The policy should result in a positive impact on the historic environment		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	+	The policy should result in a positive impact on townscape		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact on the landscape?	+	The policy should result in a positive impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	+	The policy should result in a positive impact on air quality		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	+	The policy should result in a positive impact on renewable energy capacity		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact with regard to adaptability to climate change?	+	The policy should result in a positive impact on climate change		
9) To ensure the sustainable management of waste,	Is this likely to have an impact on the amount of waste going to landfill?	+	The policy should result in a positive impact on landfill		There should be a positive impact on environmental sustainability in the long

minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	The policy should result in a positive impact on quantity of waste being reused, recovered and/or recycled		term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	+	The policy should result in a positive impact on rail/waterborne transport		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	+	The policy should result in a positive impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	+	The policy should result in a positive impact on safeguarding primary aggregates		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	+	The policy should result in a positive impact on use of recycled aggregates		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	+	The policy should result in a positive impact on open space amenity		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Is it likely that there would be an impact with regard to areas of tranquillity?	+	The policy should result in a positive impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	+	The policy should result in a positive impact on odour		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of
	Is it likely that there would be an impact on noise levels?	+	The policy should result in a positive impact on noise		

	Is it likely that there would be an impact with regard to light pollution?	+	The policy should result in a positive impact on light pollution		the work the impact should be neutral or positive
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	The policy should result in a positive impact on the economy		There should be a positive impact on environmental sustainability in the long term. Some temporary development may have short/medium term impacts, but following completion of the work the impact should be neutral or positive
	Specifically, is there likely to be an impact in terms of employment?	+	The policy should result in a positive impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Positive	High	District Wide	Permanent	Long Term
There will be an overall positive impact on sustainability as a result of this policy. The policy's aim is to ensure sustainable development is achieved in line with the direction of the NPPF. There is some potential for short/medium term impacts on any element of sustainability as a result of temporary development, such as mineral workings, but in the long term mitigation measures and restoration will result in natural or positive impacts on all elements of sustainability.				

Policy 2: Landbank and Need

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		There is an uncertain impact on environmental as a result of this policy which seeks to extraction mineral resources, which could alter the geodiversity of the area being developed, while providing opportunities for greater understanding and interpretation of local geology.
	Is there likely to be an impact on geodiversity?	?	Mineral extraction changes the local geology by extracting the mineral resource, however, extraction can provide opportunities for increased understanding and interpretation of local geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	There is unlikely to be an impact on water quality.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	There is unlikely to be an impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	There is unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on best and most versatile agricultural land		Unlikely to be an impact on any element of sustainability,

soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soil quality		especially in the longer term with good restoration.
	Would previously developed land be utilised?	**0**	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on the historic environment.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use,	Is this likely to have an impact on the amount of waste going to landfill?	**+**	The policy seeks to encourage the use of recycled aggregates which would reduce the amount of waste going to landfill.		There is likely to be a positive impact on environmental and economic sustainability as a result of the policy encouraging the use of recycled aggregates.
	Is this likely to have an impact in terms of the quantity of waste being	**+**	The policy seeks to encourage the use of recycled aggregates.		

recovery and recycling of waste	reused, recovered and/or recycled?				
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to be an impact on the use of rail or waterborne transportation.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	0	Unlikely to be an impact on the transport network.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	?	The policy promotes the use of recycled and secondary aggregates in preference to primary aggregates therefore, minimising the need to extract primary aggregates.		There is likely to be a positive impact on environmental sustainability as the policy seeks to promote the use of recycled and secondary aggregates before the use of primary aggregates.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	+	The policy seeks to encourage the use of recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	Unlikely to be an impact on open space amenity		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to be an impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	0	Unlikely to be an impact on noise levels.		

	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**+**	Mineral extraction and inert landfilling is likely to be beneficial for the local and wider economy providing direct and indirect employment in the medium term (during the working of the site).		There is likely to be a positive impact on economic sustainability through the creation of jobs and supply of primary aggregates to the construction industry.
	Is there likely to be an impact in terms of employment?	**+**	Mineral extraction and inert landfilling is likely to be beneficial for the local and wider economy providing direct and indirect employment in the medium term (during the working of the site).		

Summary of Effects				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Temporary	Short/Medium Term
Overall the inclusion of this policy in the local plan is likely to have a neutral impact on sustainability. There are a number of potential positive impacts on economic sustainability as the policy will support the delivery of sites to meet the district's need for construction materials and provide employment as well as encouraging the use of recycled and secondary aggregates before virgin material.				

Policy 3: Net-Self-Sufficiency in Waste Management

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		
4) To maximise the sustainable use of land and the protection of	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on best and most versatile agricultural land		There is a potentially positive impact on environmental

soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soil quality		sustainability through the use of previously developed land.
	Would previously developed land be utilised?	+	While the policy doesn't make reference to the location of waste development, it is likely that waste development will take place on previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	+	The policy seeks to drive waste up the waste hierarchy		There is likely to be a positive impact on environmental sustainability as the policy seeks to drive waste up the waste hierarchy, promoting reuse and recycling.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	The policy seeks to drive waste up the waste hierarchy which would encourage reuse, recovery and recycling of waste.		

10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		There is likely to be a positive impact on environmental sustainability as waste is driven up the waste hierarchy.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**+**	The policy seeks to drive waste up the waste hierarchy which will encourage recycling and reuse of waste		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to be an impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		

14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Self-sufficiency of waste management will have a positive impact on the economy.		There is likely to be a positive impact on economic sustainability through the creation of jobs.
	Specifically, is there likely to be an impact in terms of employment?	+	Waste management facilities provide a source of employment.		

Summary of Effects:

Effect:	Likelihood:	Scale:	Duration:	Timing:
Predominantly neutral	Medium	District Wide	Permanent	Long term

Overall the inclusion of this policy in the local plan is likely to have a neutral impact on sustainability. There are a limited number of potential positive impacts resulting from the policy in relation to environmental and economic sustainability. In terms of environmental sustainability the policy seeks to move waste up the waste hierarchy, which promotes the reuse, recovery and recycling of waste over disposal. In terms of economic sustainability the policy will have a positive impact through the creation of jobs and the benefits to the economy that the waste industry can have, especially in relation to the provision of reuse, recovery and recycling of materials which have an economic value. No potentially negative sustainability impacts have been identified.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 4: Location of Development – Construction Aggregates

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		There is an uncertain impact on environmental as a result of this policy which seeks to extraction mineral resources, which could alter the geodiversity of the area being developed, while providing opportunities for greater understanding and interpretation of local geology.
	Is there likely to be an impact on geodiversity?	?	Mineral extraction changes the local geology by extracting the mineral resource, however, extraction can provide opportunities for increased understanding and interpretation of local geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	?	There may be an impact on water quality depending on the location of the site being considered and the processing methods used on site.	Consideration of the SPZs, hydrological assessments and mitigation measures may be required	There is likely to be an unknown impact on environmental sustainability as the impact will depend on the specific site locations and works on site. Mitigation measures and monitoring would ensure no significant impacts occur and in the longer term there should be a neutral impact once works have stopped on site.
	Is there likely to be an impact on water resources?	?	There may be an impact on water resources depending on the location of the site being considered and the processing methods used on site.	Mitigation measures may be required if it is shown that there could be an impact on water resources.	

3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	?	There may be an impact on flood risk depending on the site being considered as some of the allocated sites are at risk of flooding.	Mineral extraction is water compatible, however, mitigation measures may be required. There is scope that in the longer term restoration of the sites could result in reduced flood risk.	There is likely to be an unknown impact on environmental sustainability in the short/medium term as the impact will depend on the sites being considered, however, in the longer term the impact should be neutral, or even positive if flood risk can be reduced as part of the restoration of the site/s.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability, especially in the longer term with good restoration.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality.		
	Would previously developed land be utilised?	0	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		There is a potentially unknown/negative impact as a result of the policy, as the policy could allow for development of sites within the AONB where exceptional circumstances can be demonstrated. Mitigation measures would be required to ensure there is no long term negative impact.
	Is there likely to be an impact on the landscape?	? / -	The policy includes criteria for the consideration of soft sand sites, including consideration of exceptional circumstances which may allow for sites in the AONB to come forward, where exceptional circumstances can be demonstrated, therefore, there could be a negative impact on landscape. The	Mitigation measures would be required.	

			policy also allocates a site for soft sand extraction within the AONB.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	-	Mineral extraction can impact on air quality, with dust and traffic emissions associated with the site	Mitigation, including dust suppression and traffic management measures would be required.	There is a potential negative impact on environmental and social sustainability without mitigation measures. In the longer term there should be a neutral impact as minerals development is only temporary in nature.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on reuse, recovery or recycling of waste		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	-	The location of the allocated sites means that alternatives to road transport are unlikely.		There is likely to be a negative impact on environmental sustainability in the short/medium term as there are no alternatives to road transport for the sites proposed for allocation through the policy.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	0	Unlikely to impact on transport networks. For the allocated sites vehicle movements from the sites are considered low and therefore, unlikely to impact on the transport network.		
11) To conserve mineral resources in West Berkshire	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates although		There is likely to be a negative impact on environmental sustainability as a result of

through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate			development of the site would provide primary aggregates for construction purposes.		extraction of primary aggregates, rather than the use of recycled or secondary aggregates.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	-	Sites considered under this policy will be for the supply of primary aggregates, therefore, could have a negative impact on the use of recycled and secondary aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0 / ?	Unlikely to have an impact on open space amenity.		Overall there is likely to be an unknown impact on environmental sustainability, however there could be a negative impact on social sustainability without adequate mitigation measures being provided in the short/medium term. In the long term, due to the temporary nature of mineral extraction there should be no impact on sustainability
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to be an impact on open space amenity, however, restoration of any sites considered under this policy could result in improvements to open space amenity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour		Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term. However, in the longer term, due to the temporary nature of mineral extraction there would be unlikely to be an impact on sustainability.
	Is it likely that there would be an impact on noise levels?	-	Mineral extraction can impact on noise levels.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Mineral extraction is likely to be beneficial for the local and wider economy providing direct and indirect employment in the medium term (during the working of the site).		There is likely to be a positive impact on economic sustainability through the creation of jobs and supply of primary aggregates to the construction industry.
	Specifically, is there likely to be an impact in terms of employment?	+	Mineral extraction is likely to be beneficial for the local and wider economy providing direct and indirect employment in the medium term (during the working of the site).		

Summary of Effects				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**

Predominantly neutral	Medium	District Wide	Temporary	Short/Medium term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. While there are some potential negative environmental and social impacts as a result of this policy, especially in relation to the potential for soft Sand sites in the AONB to come forward where exceptional circumstances can be demonstrated. However, these are only likely to be short/medium term as mineral extraction is only temporary in nature and appropriate mitigation measures would be required. Following restoration of any site considered under the policy the overall impact should be neutral. There is a potential positive impact on economic sustainability as the policy sets out where there would be a presumption in favour of development for mineral extraction. The main modification to this policy has not resulted in any changes to the SA/SEA.				

Policy 5: Location of Development – General Waste Management Facilities

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	+	The policy states where there would be a presumption in favour of development. This does not include agricultural land, therefore, the policy seeks to protect agricultural land from waste development.		There is likely to be a positive impact on environmental sustainability as a result of the policy.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	+	The policy states where there would be a presumption in favour of development, which includes use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.

archaeological importance					
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	-	There could be an impact on townscape as the policy states that there would be a presumption in favour of development on sites that could be close to urban areas.	Mitigation measures would be required to ensure no negative impacts result from the development.	There is a potential negative impact on environmental sustainability as a result of the policy without adequate mitigation measures being put in place.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	-	Waste sites could have an impact on air quality.	Mitigation, including dust suppression and traffic management measures would be required.	There is a potential negative impact on environmental and social sustainability without mitigation measures.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	+	The policy sets out where there will be a presumption in favour of waste development, this could include facilities to produce renewable energy.		There is potential for a positive impact on environmental and economic sustainability as a result of opportunities for renewable energy facilities to be provided under this policy.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	?	The policy includes provision for the use of aggregate quarries for inert fill as part of their restoration.		There is potential for a positive impact on environmental sustainability as the policy would allow for recycling/reuse of waste facilities. There is some scope for an unknown environmental as a result of inert infill at aggregate quarries for use as part of restoration proposals.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	The policy sets out where there will be a presumption in favour of waste development, this could include facilities for waste processing for reuse, recovery or recycling of waste.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to impact on rail or waterborne transport		There is a possible negative impact on environmental sustainability without mitigation measures.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	-	There could be an impact on transport networks as waste sites are likely to result in traffic movements to/from a site.	Mitigation measures, including traffic management measures, may be required.	

11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates although development of the site would provide primary aggregates for construction purposes.		There is likely to be a positive impact on environmental and economic sustainability as the policy sets out locations were waste facilities, including those for processing recycled aggregates and construction and demolition waste could be carried out.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**+**	The policy sets out where there will be a presumption in favour of waste development, this could include facilities for waste processing for recycling aggregates/construction and demolition wastes		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on open space amenity.		Overall there is likely to be an unknown impact on environmental sustainability, however there could be a negative impact on social sustainability without adequate mitigation measures being provided.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**? / -**	Waste sites have the potential to impact on tranquillity. However, the policy seeks to direct waste uses to locations where their uses are less likely to impact.	Mitigation measures may be required.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**-**	Waste sites could have an impact on odour.	Mitigation measures would be required.	Without mitigation measures there could be a negative impact on environmental and social sustainability.
	Is it likely that there would be an impact on noise levels?	**-**	Wastes sites could have an impact on noise levels.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	**-**	Wastes sites could have an light pollution	Mitigation measures will be required.	
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**+**	The development of waste sites could have a positive impact on the economy, especially where processing of waste produces recycled/secondary products that can be resold.		There is likely to be a positive impact on economic sustainability through the creation of jobs and supply of recycled/secondary products for resale.
	Specifically, is there likely to be an impact in terms of employment?	**+**	New waste sites could result in employment opportunities.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are a number of potential negative sustainability impacts identified, especially in relation to environmental sustainability. However, mitigation measures would be required and should reduce the impact, in many cases resulting in a neutral impact. There are also a number of potential positive impacts as a result of the policy on environmental and economic sustainability, through the use of previously developed land, and the impact on the economy of waste management facilities, especially those processing waste material for recycled/secondary materials.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 6: Location of Development – Specialist Waste Management Facilities

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		There is a potential unknown impact on environmental sustainability as the impact would depend on the proposals bring considered, however, the policy wording and mitigation measures would ensure no negative impacts.
	Is there likely to be an impact on water resources?	? / +	Depending on the sites being considered under this policy there may be an impact on water resources. The policy wording requires no unacceptable impacts on the environment or communities.	Mitigation measures may be required.	
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability..
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	? / +	Sites being considered under this policy could be on previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.

6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	?	Specialist waste management sites are likely to be located close to waste arisings, which could be within urban areas, therefore, there could be an impact on townscape.	Mitigation measures would be required to ensure no negative impacts on townscape.	There is potential for an unknown impact on environmental sustainability depending on the location of sites considered under this policy. Mitigation measures will ensure no long term negative impacts.
	Is there likely to be an impact on the landscape?	?	Specialist waste management sites are likely to be located close to waste arisings, therefore there could be an impact on landscape	Mitigation measures would be required to ensure no negative impacts on landscape.	
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to have an impact on renewable energy.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on landfill.		There is likely to be a positive impact on environmental and economic sustainability as proposals considered under the policy could include sites for reuse, recovery and recycling or waste.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	Specialist waste management facilities could include an element of processing for reuse, recovery or recycling		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to be an impact on rail or waterborne transportation as treated water is likely to be released directly into local water courses.		There is a possible negative impact on environmental sustainability as there are limited transport options, however, mitigation measures would mitigation this impact.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	-	Specialist waste management facilities could result in additional traffic movements.	Traffic management measures may be required.	
11) To conserve mineral resources in West Berkshire	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates.		There is likely to be a positive impact on environmental and economic sustainability as

through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate					proposals considered under the policy could include sites recycling of aggregates/construction and demolition waste
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	+	Specialist waste management facilities could include an element of recycling		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	?	Development of a specialist waste management facility could impact on the amount of open space amenity in an area.	Alternative open space amenity would need to be provided.	There is an unknown impact on social sustainability. The policy would allow development for specialist waste where there is a local need, this could result in the loss of open space. However, mitigation measures would ensure an overall neutral impact.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to have an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	-	There is potential for an impact on odour depending on the waste being managed	Odour mitigation measures would be required.	There is a potential negative impact on economic and social sustainability; however, mitigation measures should reduce this impact.
	Is it likely that there would be an impact on noise levels?	-	There is potential for an impact on noise depending on the waste being managed	Noise mitigation measures would be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Proposals considered under this policy are likely to have a positive impact on the local economy.		There could be a positive impact on economic sustainability as a result of job creation from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	+	New facilities would generate employment.		

Summary of Effects:

Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are some potential negative environmental and social sustainability impacts as a result of this policy; however, mitigation measures would be implemented to reduce this impact. There are potential positive economic and environmental sustainability impacts, economically in terms of employment and supporting the local economy.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 7: Location of Development – Landfill and Permanent Deposit of Waste to Land

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	-	Landfilling can impact on water quality.	Careful consideration of the material used for landfilling and impacts on hydrology would be required.	There is a potential negative impact on environmental sustainability as a result of landfilling, however, mitigation measures and consideration of hydrology of a site should mitigate this impact.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0 / +	Unlikely to be an impact on agricultural land, although landfilling as part of a restoration scheme could result in improvements to agricultural land.		There is likely to be an overall neural effect on sustainability, although restoration of a site incorporating infilling could help to restore a site to its former agricultural quality
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	0	The policy does not seek to utilise previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		

and townscape character	Is there likely to be an impact on the landscape?	+	Infilling of a former quarry site could result in implements to the character of the landscape.		There is a potential positive impact on environmental sustainability.
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to have an impact on renewable energy.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	-	The policy specifically relates to landfill. However, it does only allow waste from which no further value can reasonably be obtained be landfilled.	The policy requires that only waste from which no further value can be reasonable be obtained should be used for landfilled.	There is potential for a negative impact on environmental sustainability as the policy allows for landfilling. There is scope for reuse, recovery and recycling of waste material prior to landfilling, which will help to mitigate the impact.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	?	The policy relates to landfilling, but requires that only waste from which no further value can be reasonably obtained should be used, therefore, the policy does encourage reuse, recovery and recycling before the remainder is landfilled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to impact on rail or waterborne transport		There is a possible negative impact on environmental sustainability without mitigation measures, in the short/medium term. Following the completion of infilling the impact should be neutral.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	-	There could be an impact on transport networks as a result of importing material for infilling.	Mitigation measures, including traffic management measures, may be required.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates although development of the site would provide primary aggregates for construction purposes.		There is potential for a negative impact on environmental sustainability as the policy allows for landfilling. There is scope for reuse, recovery and recycling of waste material prior to landfilling,

the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	? / -	The policy relates to landfilling, but requires that only waste from which no further value can be reasonably obtained should be used, therefore, the policy does encourage reuse, recovery and recycling before the remainder is landfilled.		which will help to mitigate the impact.
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	Unlikely to have an impact on open space amenity.		Without mitigation measure in the short/medium term there would be potential for a negative impact on environmental and social sustainability, however, in the longer term, once infilling has been completed there should be an overall neutral impact.
	Is it likely that there would be an impact with regard to areas of tranquillity?	? / -	Infilling would have the potential to impact on tranquillity.	Mitigation measures may be required.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour.	Mitigation measures would be required.	Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term. In the longer term following completion of the infilling the impact should be neutral.
	Is it likely that there would be an impact on noise levels?	-	There could be an impact on noise associated with infilling.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution	Mitigation measures will be required.	
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	0	Unlikely to be an impact on the economy		There is likely to be a positive impact on economic sustainability through the creation of jobs, however this would only be short/medium term.
	Specifically, is there likely to be an impact in terms of employment?	+	During the infilling phase there would be job creation.		

Summary of Effects:

Effect:	Likelihood:	Scale:	Duration:	Timing:
Predominantly neutral	Medium	District Wide	Temporary / Permanent	Short / medium / Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. While there are a number of potential negative environmental and social sustainability impacts associated with this policy, they are likely to be short/medium term impacts associated with the infilling process itself, but following completion of the works, there could be a potential positive impact on environmental sustainability as a result of the restoration of the site.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 8: Borrow Pits

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	?	Depending on the restoration proposed there could be a positive impact on flood management.		There could be a positive impact on environmental sustainability as a result of this policy depending on the restoration scheme proposed.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	0	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	?	Depending on the location of the proposed borrow pit there could be an impact on the historic environment.	Mitigation measures would be required to ensure no negative impacts.	There may be an unknown impact on the environmental sustainability depending on the location of the sites being considered. Mitigation measures could be used to ensure no negative impacts result from the development of borrow pits. However, in the long term, following restoration there should be an overall neutral impact.

6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		There may be an unknown impact on the environmental sustainability depending on the location of the sites being considered. Mitigation measures could be used to ensure no negative impacts result from the development of borrow pits. However, in the long term, following restoration there should be an overall neutral impact.
	Is there likely to be an impact on the landscape?	?	Depending on the location of the proposed borrow pit there could be an impact on the character of the landscape.	Mitigation measures would be required during the works and adequate restoration provided.	
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	-	There could be an impact on air quality during the working of the propose d borrow pit.	Mitigation measures, including dust suppression and traffic management measures would be required.	There could be a negative impact on environmental and social sustainability in the short/medium term, but in the long term once the works have been completed there should be an overall neutral impact.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to have an impact on renewable energy.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on landfill.		
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on reuse, recovery and recycling of waste		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to impact on rail or waterborne transport		There is a possible negative impact on environmental sustainability without mitigation measures, in the short/medium term. Following restoration of the site the impact should be neutral.
	Is there likely to be an impact on the transport network (including the local road	-	There could be an impact on transport networks as a result of importing material for infilling.	Mitigation measures, including traffic management measures, may be required.	

	network and the Strategic Road Network)?				
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	0	Unlikely to be an impact on recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	Unlikely to have an impact on open space amenity.		Without mitigation measure in the short/medium term there would be potential for a negative impact on environmental and social sustainability, however, in the longer term, once the site has been restored there should be an overall neutral impact.
	Is it likely that there would be an impact with regard to areas of tranquillity?	-	There is potential for a negative impact on tranquillity during the working of the site.	Mitigation measures may be required.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour.	Mitigation measures would be required.	There could be a negative impact on environmental and social sustainability in the short/medium term, but in the long term once the works have been completed and the site restored there should be an overall neutral impact.
	Is it likely that there would be an impact on noise levels?	-	There could be an impact on noise during the working of the site.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution	Mitigation measures will be required.	
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Borrow pits provide locally sourced material for a specific construction project, therefore, there policy would have a positive impact.		There is likely to be a positive impact on economic sustainability through the creation of jobs and supply of primary aggregates to the construction industry.
	Is there likely to be an impact in terms of employment?	+	Works on the site would result in job creation.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Temporary	Short/Medium Term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. While there are a number of potential negative environmental and social sustainability impacts associated with this policy, they are likely to be short/medium term impacts associated with the working of the site itself, following restoration of the site the overall impact should be neutral. There are potential positive impacts on economic sustainability through the supply of raw materials for construction projects.

Policy 9: Minerals Safeguarding Policy

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		There is a possible negative impact on environmental sustainability as a result of the policy, due to the potential to change the geology of an area through mineral extraction.
	Is there likely to be an impact on geodiversity?	**? / -**	The policy seeks to safeguarding mineral deposits, if these deposits are to be extracted there would be an impact on the local geology.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.

6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	+	The policy will seek to safeguard rail head sites, which allow for material to be transported by rail.		There is likely to be a positive impact on environmental sustainability as the policy safeguards rail head sites allowing for material to be transported by rail rather than road.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	+	The policy will seek to safeguard rail head sites, which allow for material to be transported by rail.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where	Is there likely to be an impact in terms of safeguarding of primary aggregates?	++	The policy seeks to safeguard primary aggregates.		There is likely to be a significantly positive impact on environmental and economic sustainability as the policy seeks to safeguard primary aggregates form non-minerals development.
	Is there likely to be an impact in terms of the use of recycled	0	Unlikely to have an impact on recycling of aggregates or construction waste.		

possible and appropriate	aggregate/construction and demolition wastes?				
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise.		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**? / +**	The policy seeks to safeguard primary aggregates from non-mineral development, meaning that primary aggregates will remain available to support the construction industry.		There could be a positive impact on economic sustainability as a result of the policy to safeguard primary aggregates.
	Specifically, is there likely to be an impact in terms of employment?	**?**	If safeguarded sites were to come forward for mineral development there would be a positive impact on employment.		

Summary

Effect:	**Likelihood**	**Scale**	**Duration**	**Timing**
Predominantly neutral	Medium	District Wide	Permanent	long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy, with a significantly positive environmental and economic impact as a result of safeguarding primary aggregates. There is also a potential positive impact on environmental sustainability as the policy seeks to safeguard rail head sites, which will allow for material to be transported by rail, reducing reliance on road transport. There is a potential negative impact on environmental sustainability as a result of extraction on the local geology of an area. There is a possible positive impact on economic sustainability as a result of the policy as should sites within safeguarded areas come forward for mineral extraction this would provide primary aggregates for the construction industry.

<u>The main modification to this policy has not resulted in any changes to the outcome of the SA/SEA.</u>

Policy 10: Waste Safeguarding

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	+	The policy seeks to safeguard sites for waste development that are existing permanent waste sites, therefore, protecting the best and most versatile agricultural land from development.		There is likely to be a positive impact on environmental sustainability as a result of the policy safeguarding existing waste sites for waste uses.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	+	The policy seeks to safeguard sites for waste development that are existing permanent waste sites, therefore, making use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		

7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality as sites to be safeguarded are already in existing use as waste sites.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		There is likely to be a positive impact on environmental sustainability as the policy seeks to safeguard existing waste sites to allow continued processing of waste materials.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**+**	The policy seeks to safeguard existing waste sites to allow for continued processing of waste materials.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on rail or waterborne transport		There is likely to be a positive impact on environmental sustainability as the policy safeguards rail head sites allowing for material to be transported by rail rather than road.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on transport networks.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to impact on safeguarding of primary aggregates		There is likely to be a positive impact on environmental and economic sustainability as the policy seeks to safeguard existing waste sites to allow for continued waste processing.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**+**	The policy seeks to safeguard existing waste sites to allow for continued processing of waste materials.		

12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity. Sites to be safeguarded are in existing use as waste sites.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour. Sites to be safeguarded are in existing use as waste sites.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise. Sites to be safeguarded are in existing use as waste sites.		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution. Sites to be safeguarded are in existing use as waste sites.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy. Sites to be safeguarded are in existing use as waste sites.		Unlikely to be an impact on any element of sustainability as the sites are in existing use as waste sites.
	Specifically, is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment. Sites to be safeguarded are in existing use as waste sites.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. The policy seeks to safeguard existing waste sites, and therefore, there are likely to be positive environmental sustainability impacts in relation to waste management and reuse and recycling of waste materials and on the use of previously developed land. The policy is not predicted to have any negative impacts on sustainability.				

Policy 11: Chalk and Clay

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.

and geological diversity throughout West Berkshire	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**+**	Restoration of an extracted site can result in improvements for flood management.		There is a possible positive impact in relation to all elements of sustainability as a result of improved flood mitigation.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**-**	Sites put forward for consideration under this policy could be located on the best and most versatile agricultural land	Mitigation measures would be required, including restoration back to agriculture and retention of soils for the restoration scheme.	There is a potentially negative impact on environmental sustainability in the short/medium term, however, in the longer term with good restoration there should be an overall neutral impact on sustainability.
	Is there likely to be an impact on soil quality?	**-**	There is potential for a negative impact on soil quality.	Mitigation measure would be required, including retention and storage of soils for the restoration of the site.	
	Would previously developed land be utilised?	**0**	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**?**	Depending on the location of the sites being considered there could be an impact on the historic environment.	Mitigation measures may be required in the short/medium term to mitigate any impact on the historic environment.	There may be an unknown impact on the environmental sustainability depending on the location of the sites being considered in the short/medium term, however, in the long term the overall impact should be neutral following restoration of the site.
6) To minimise the impact on landscape	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		There may be an unknown impact on the environmental

and townscape character	Is there likely to be an impact on the landscape?	?	Depending on the location of the sites being considered there could be an impact on the historic environment.	Mitigation measures may be required in the short/medium term to mitigate any impact on the landscape	sustainability depending on the location of the sites being considered in the short/medium term, however, in the long term the overall impact should be neutral following restoration of the site.
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	-	Mineral extraction can impact on air quality, with dust and traffic emission associated with the site.	Mitigation, including dust suppression and traffic management measures would be required.	There is a potential negative impact on environmental and social sustainability without mitigation measures. In the longer term there should be a neutral impact as minerals development is only temporary in nature.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to have an impact on renewable energy.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on landfill.		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on reuse, recovery and recycling of waste		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	-	Due to the location of the chalk/clay deposits in West Berkshire, there are limited opportunities for rail/water transport.		Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term while the sites are operational. In the longer term, due to the temporary nature of mineral extraction there should not be an impact on sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	-	Extracted material will require transportation from the sites, which is likely to be by road, therefore, there is potential for a negative impact on the transport network.	Mitigation measures, including traffic management measures would be required.	

11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates and the policy does not propose safeguarding of chalk/clay deposits.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to be an impact on recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0 / +**	Unlikely to be an impact on open space amenity, however, restoration of any sites considered under this policy could result in improvements to open space amenity.		Overall there is likely to be an unknown impact on environmental sustainability, however there could be a negative impact on social sustainability without adequate mitigation measures being provided in the short/medium term. In the long term, due to the temporary nature of mineral extraction there should be no impact on sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**-**	Mineral extraction can have an impact on tranquillity.	Mitigation measures would be required to ensure no impacts on tranquillity.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term. However, in the longer term, due to the temporary nature of mineral extraction there would be unlikely to be an impact on sustainability.
	Is it likely that there would be an impact on noise levels?	**-**	Mineral extraction can impact on noise levels.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**+**	Extraction of chalk and clay would need to meet a local need, which would benefit the local economy.		There could be a positive impact on economic sustainability as a result of job creation from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	**+**	Any site coming forward could provide employment opportunities.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Temporary	Short/Medium term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are a number of potential negative impacts on environmental and social sustainability in the short/medium term. However, in the long term, due to the temporary nature of mineral extraction there should be an overall neutral impact on				

sustainability once the sites considered under this policy have been restored. There are potential positive impacts on environmental sustainability in terms of improved flood mitigation possibilities and economic sustainability through the creation of jobs and meeting local needs to material.

Policy 12: Energy Minerals

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**~~? / -~~ + / ?**	Depending on the energy mineral to be extracted there is potential for a negative impact on water quality.	Mitigation measures would be required to ensure no detrimental impact on water quality. The policy now specifically includes reference to protecting water quality.	There is potential for a negative impact on environmental sustainability, depending on the energy mineral to be extracted, without mitigation measures in the short/medium term. In the long term, as mineral extraction is temporary in nature, there should be a neutral impact on sustainability. The modification to the policy in relation to water quality should help to minimise any impact on environmental sustainability.
	Is there likely to be an impact on water resources?	**? / -**	Some forms of energy mineral extraction require significant amount of water, therefore, there could be an impact on water resources, depending on the mineral resource to be extracted.	Mitigation measures, including consideration of water conservation, would be required.	
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**-**	Sites put forward for consideration under this policy could be located on the best and most versatile agricultural land	Mitigation measures would be required, including restoration back to agriculture and retention of soils for the restoration scheme.	There is a potentially negative impact on environmental sustainability in the short/medium term, however, in the longer term with good restoration there should be an overall neutral impact on sustainability.
	Is there likely to be an impact on soil quality?	**-**	There is potential for a negative impact on soil quality.	Mitigation measure would be required, including retention and storage of soils for the restoration of the site.	
	Would previously developed land be utilised?	**0**	Mineral extraction usually takes place on Greenfield sites, however, sites are required to be restored returning them to		

			Greenfield in the longer term, meaning overall there would be no impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	?	Depending on the location of the sites being considered there could be an impact on the historic environment.	Mitigation measures may be required in the short/medium term to mitigate any impact on the historic environment.	There may be an unknown impact on the environmental sustainability depending on the location of the sites being considered in the short/medium term, however, in the long term the overall impact should be neutral following restoration of the site.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		There may be an unknown impact on the environmental sustainability depending on the location of the sites being considered in the short/medium term, however, in the long term the overall impact should be neutral following restoration of the site.
	Is there likely to be an impact on the landscape?	?	Depending on the location of the sites being considered there could be an impact on the ~~historic environment~~ landscape.	Mitigation measures may be required in the short/medium term to mitigate any impact on the landscape. The policy states that development in the AONB would only be considered in exceptional circumstances.	
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	-	Mineral extraction can impact on air quality, with dust and traffic emission associated with the site.	Mitigation, including dust suppression and traffic management measures would be required.	There is a potential negative impact on environmental and social sustainability without mitigation measures. In the longer term there should be a neutral impact as minerals development is only temporary in nature.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	-	The policy is focused on the extraction of primary energy minerals.		There is likely to be a negative impact on environmental sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on adaptability to climate change.		

9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on landfill.		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on reuse, recovery and recycling of waste		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**-**	There are limited opportunities for rail/water transport.		Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term while the sites are operational. In the longer term, due to the temporary nature of mineral extraction there should not be an impact on sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**-**	Extracted material will require transportation from the sites, which is likely to be by road, therefore, there is potential for a negative impact on the transport network.	Mitigation measures, including traffic management measures would be required.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates and the policy does not propose safeguarding of energy mineral deposits.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to be an impact on recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0 / +**	Unlikely to be an impact on open space amenity, however, restoration of any sites considered under this policy could result in improvements to open space amenity.		Overall there is likely to be an unknown impact on environmental sustainability, however there could be a negative impact on social sustainability without adequate mitigation measures being provided in the short/medium term. In the long term, due to the temporary nature of mineral extraction there should be no impact on sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**-**	Mineral extraction can have an impact on tranquillity.	Mitigation measures would be required to ensure no impacts on tranquillity.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Without mitigation measures there could be a negative impact on environmental and social

	Is it likely that there would be an impact on noise levels?	-	Mineral extraction can impact on noise levels.	Mitigation measures will be required.	sustainability in the short/medium term. However, in the longer term, due to the temporary nature of mineral extraction there would be unlikely to be an impact on sustainability.
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Development of sites for energy mineral extraction would have a positive impact on the economy.		There could be a positive impact on economic sustainability as a result of job creation from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	+	Any site coming forward could provide employment opportunities.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Temporary	Short/Medium term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are a number of potential negative impacts on environmental and social sustainability in the short/medium term. However, in the long term, due to the temporary nature of mineral extraction there should be an overall neutral impact on sustainability once the sites considered under this policy have been restored. There are potential positive impacts on economic sustainability through the creation of jobs and meeting the need for energy minerals.

The main modification to this policy has slightly changed the SA/SEA assessment in terms of the impact on water quality, as protection of water quality is now specifically referred to in the policy. However, this has not changed the overall SA/SEA assessment for the policy.

Policy 13: Radioactive Waste Treatment and Storage at AWE

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		There is likely to be a positive impact on environmental

soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		sustainability as the policy refers specifically to a brownfield site.
	Would previously developed land be utilised?	+	The policy relates to uses at AWE, which is a Brownfield site.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment	Mitigation measures would be required to ensure no negative impacts.	Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to have an impact on renewable energy.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on landfill.		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on reuse, recovery and recycling of waste		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	-	There are limited opportunities for rail/water transport from AWE.		There is a possible negative impact on environmental sustainability as there are limited transport options, however, material considered under this
	Is there likely to be an impact on the transport network	0	Unlikely to be an impact on the transport network as waste		

	(including the local road network and the Strategic Road Network)?		considered under this policy is likely to have been generated at AWE.		policy is most likely to have been generated at AWE therefore, does not need to travel off site.
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to be an impact on recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to have an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy.		Unlikely to be an impact on any element of sustainability.
	Specifically, is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. The location of the site does not lend itself to use of rail or water transportation, which results in a potential negative impact on environmental sustainability, however, material considered under this policy is likely to have been generated on the site and				

therefore, would not need to be transported, resulting in an overall neutral impact. There is a possible positive impact on environmental sustainability as the policy refers to development on an existing brownfield site.

Policy 14 Reworking old Landfill sites

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	+	The policy requires net gains in biodiversity for sites to be considered.		There is potential for a positive impact on environmental sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soil quality.		
	Would previously developed land be utilised?	0	Sites would be restored to Greenfield sites following the reworking, so unlikely to be an impact.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		There is potential for a positive impact on environment

and townscape character	Is there likely to be an impact on the landscape?	+	The policy requires net gains in landscape for sites to be considered.		sustainability as the policy requires net gains for landscape.
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on adaptability to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	+	Reworking of the sites should reduce the amount of material in landfill.		There is a likely to be a positive impact on environmental and economic sustainability as the policy will allow for reuse, recovery and recycling of material.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	Reworking of the sites would mean that reusable, recoverable and recyclable waste could be removed and recovered.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	-	There are limited opportunities for rail/water transport.		Without mitigation measures there could be a negative impact on environmental and social sustainability in the short/medium term while the sites are operational. In the longer term, due to the temporary nature of reworking there should not be an impact on sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	-	Material is likely to require transportation from the sites being considered for processing, this is likely to be by road.	Mitigation measures, including traffic management measures would be required.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates		There could be a positive impact on environmental and economic sustainability if there is recoverable waste within the landfill sites being considered.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	?	The policy would allow for recycling of some waste currently located within landfill. Although the impact would depend on the waste present in the site.		

12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	+	The policy requires net gains for amenity for sites to be considered.		There are likely to be positive and negative impacts as a result of the policy on environmental sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	-	Reworking of a site could have an impact on tranquillity.	Mitigation measures would be required to ensure no impacts on tranquillity.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	-	Depending on the material within the landfill site to be reworked there could be an impact on odour.		There is likely to be a negative impact on environmental and social sustainability in the short/medium term during the reworking of any sites, however, following completion f the works the impact should be neutral in the longer term.
	Is it likely that there would be an impact on noise levels?	-	During the reworking of the site there could be an impact on noise.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Reworking of the site could result in secondary/recycled material that could benefit the economy.		There could be a positive impact on economic sustainability as a result of job creation and provision of material for construction from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	+	Reworking of the site could result in employment opportunities.		

Summary of Effects:

Effect:	Likelihood:	Scale:	Duration:	Timing:
Predominantly neutral	Medium	District Wide	Temporary / Permanent	Short / Medium / Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are a number of potential negative impacts on environmental and social sustainability in the short/medium term as a result of the policy, however following the reworking and restoration of the site there should be no long term negative impacts. There are also a number of potential positive environmental impacts as reworking of would only be considered where there would be net gains in landscape, biodiversity or amenity. These positive environmental impacts would be long term and permanent.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 15: Location of Permanent Construction Aggregate Infrastructure

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.

and geological diversity throughout West Berkshire	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**+**	Sites considered under this policy are focused towards brownfield sites, therefore, the policy will seek to protect agricultural land.		The policy is likely to have a positive impact on environmental sustainability through the promotion of the use of brownfield sites for permanent construction aggregates infrastructure.
	Is there likely to be an impact on soil quality?	**+**	Sites considered under this policy are focused towards brownfield sites, therefore, the policy will seek to protect soil quality		
	Would previously developed land be utilised?	**+**	Sites considered under this policy are focused towards brownfield sites.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**?**	Brownfield sites are often close to urban areas, and therefore, there could be an impact on townscape	Careful consideration of setting and mitigation measures may be required.	There is potential for an impact on environmental sustainability without mitigation measures if there is likely to be a negative impact.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**-**	Mineral processing can have an impact on air quality through dust generation and traffic movements	Mitigation measures, including dust suppression and traffic management would be required.	There is potential for a negative impact on environmental and social sustainability without adequate mitigation measures being put in place.

8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on adaptability to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on the amount of waste going to landfill.		There is a likely to be a positive impact on environmental and economic sustainability as the policy will allow for reuse, recovery and recycling of material.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on reuse, recovery or recycling of waste.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**?**	The impact would depend on where sites are proposed for consideration, but there are limited opportunities for rail/waterborne transport within the district.		There is likely to be a negative impact on environmental sustainability without mitigation.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**-**	Material is likely to be imported/exported from sites, therefore, there will be an impact on the transport network.	Mitigation measures, including traffic management would be required.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to be an impact on recycled aggregates/construction and demolition wastes		
12) To protect human health and well being and maintain the quality and quantity of	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to be an impact on open space amenity		There are likely to be negative impacts as a result of the policy on environmental sustainability

public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is it likely that there would be an impact with regard to areas of tranquillity?	-	Processing of materials could have a negative impact on tranquillity.	Mitigation measures would be required to ensure no impacts on tranquillity.	without mitigation measures being implemented.
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to have an impact on odour		There is likely to be a negative impact on environmental and social sustainability without mitigation measures being implemented.
	Is it likely that there would be an impact on noise levels?	-	During the processing of material there could be an impact on noise levels.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Processing of material provides material for the construction industry and therefore, has a positive economic impact		There could be a positive impact on economic sustainability as a result of job creation and provision of material for construction from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	+	Working on the site could result in employment opportunities.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are potential negative impacts on environmental and social sustainability without the implementation of adequate mitigation measures. There are potential positive impacts on economic sustainability through the production of material for the construction industry and environmental sustainability as the policy seeks for sites to be located on previously developed land, protecting agricultural land and soils.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 16: Temporary Infrastructure

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity.		
	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.

2) To maintain and enhance water quality and resources	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land and the policy is focused on infrastructure associated with landfill sites.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soil quality.		
	Would previously developed land be utilised?	**0**	The infrastructure being considered under this policy would be temporary in nature and on a site already permitted for mineral extraction. Following completion of the works the site would be restored to Greenfield therefore, there would not be an impact.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.

adaptability to climate change	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on adaptability to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	+	Temporary infrastructure this policy seeks to manage will allow for waste proposed for landfill to be processed and the recoverable material removed prior to landfilling.		There is a likely to be a positive impact on environmental and economic sustainability as the policy will allow for reuse, recovery and recycling of material.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	+	Temporary infrastructure this policy seeks to manage will allow for waste proposed for landfill to be processed and the recoverable material removed prior to landfilling.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to be an impact on rail/waterborne transport		There is a potential positive impact on environmental sustainability as there should be no traffic movements outside a single site associated with proposals considered under this policy.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	+	Temporary infrastructure being considered under this policy is required to be located on the site to which it relates, which will reduce the impact on the transport network.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates		There could be a positive impact on environmental and economic sustainability as recoverable material could be removed prior to landfilling.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	+	Temporary infrastructure this policy seeks to manage will allow for waste proposed for landfill to be processed and the recoverable material removed prior to landfilling.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals	Is there likely to be an impact on the quality and quantity of open space amenity?	?	Restoration of the site could result in amenity benefits.		There are likely to be negative impacts as a result of the policy on environmental sustainability in the short/medium term, however in the longer term there could be a positive impact as a result of the restoration of the site.
	Is it likely that there would be an impact with regard to areas of tranquillity?	-	Processing of materials could have a negative impact on tranquillity.	Mitigation measures would be required to ensure no impacts on tranquillity.	

and waste development					
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	-	Depending on the material to be processed and landfilled there could be an impact on odour.		There is likely to be a negative impact on environmental and social sustainability in the short/medium term during the processing on any sites, however, following completion f the works the impact should be neutral in the longer term. There is likely to be a positive impact in terms of environmental sustainability associated with traffic movements, and the location of infrastructure considered under this policy must be linked with the site the infrastructure is located on.
	Is it likely that there would be an impact on noise levels?	-	During the processing of material there could be an impact on noise levels.	Mitigation measures will be required.	
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	+	Working and processing of material provides material for the construction industry and therefore, has a positive economic impact		There could be a positive impact on economic sustainability as a result of job creation and provision of material for construction from sites considered under this policy.
	Specifically, is there likely to be an impact in terms of employment?	+	Working on the site could result in employment opportunities.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Temporary	Short / Medium term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. There are potential negative impacts on environmental and social sustainability in the short/medium term as a result of the policy, however following the completion of works and restoration of the site there should be no long term negative impacts. There are a number of potential positive environmental and economic impacts as the infrastructure considered under the policy would not result in additional traffic movements, and will result in material for the construction industry, diverting waste away from landfill for recycling or reuse therefore, providing benefits for the local and wider economy.				

Policy 17: Restoration and After Use

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological	Is there likely to be an impact on biodiversity?	++	The policy seeks restoration that makes a net gains to biodiversity and wildlife conservation.		There is likely to be a significantly positive impact on environmental sustainability as

diversity throughout West Berkshire	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity		the policy seeks to provide benefits for biodiversity.
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	+	The policy seeks restoration that makes a positive contribute to water quality.		There is likely to be a positive impact on environmental sustainability as the policy seeks to provide benefits to water quality.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	+	The policy seeks restoration that makes a positive contribution to flood risk.		There is likely to be a positive impact on all elements of sustainability as the policy seeks to provide benefits to flood water management.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	+	Where the best and most versatile agricultural land has been used, the policy seeks to ensure this is restored to the same or better quality.		There is likely to be a positive impact on environmental sustainability as the policy seeks to provide benefits to soil quality.
	Is there likely to be an impact on soil quality?	+	The policy seeks restoration that makes a positive contribution to soil quality.		
	Would previously developed land be utilised?	0	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment.		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		There is likely to be a positive impact on environmental sustainability as the policy seeks to provide benefits to landscape character.
	Is there likely to be an impact on the landscape?	+	The policy seeks restoration that makes a positive contribution to landscape character and quality.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	+	The policy seeks restoration that makes a positive contribution to air quality.		There is likely to be a positive impact on environmental and social sustainability as the policy seeks to provide benefits to air quality.

8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		There is the possibility for a positive impact on environmental and social sustainability in relation to adaptability to climate change due to benefits to flood management that restoration can bring.
	Is there likely to be an impact with regard to adaptability to climate change?	**? / +**	The policy has the potential to allow for adaptability to climate change through improvements to flood management.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**-**	Restoration can require landfilling to raise land levels.	Conditions could be used to require the minimum amount of landfill material to be used.	There is a possible negative impact on environmental sustainability as restoration can involve some form of infilling.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West	Is there likely to be an impact on the quality and quantity of open space amenity?	**+**	The policy seeks restoration that results in public benefits including the promotion of recreational opportunities/facilities.		There is likely to be a positive impact on environmental and social sustainability as the policy seeks to provide recreational opportunities/facilities.

Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		There is unlikely to be an impact on any element of sustainability once the site has been restored.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long Term
Overall there is likely to be a significantly positive impact on environmental sustainability as a result of this policy as the policy seeks to deliver net gains for biodiversity. There are likely to be a number of positive impacts on environmental and social sustainability as a result of this policy, as the policy seeks a number of environmental or social benefits to be provided as part of site restoration.				

Policy 18: Landscape

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**+**	The policy seeks to protect and enhance biodiversity of the local area, where this relates to the landscape character of an area.		There is likely to be a positive impact on environmental sustainability as the policy seeks to protect and enhance biodiversity and geodiversity where this relates to the landscape character of an area.
	Is there likely to be an impact on geodiversity?	**+**	The policy seeks to protect and enhance geodiversity of the local area, where this relates to the landscape character of an area.		
	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.

2) To maintain and enhance water quality and resources	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on best and most versatile agricultural land		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soil quality		
	Would previously developed land be utilised?	0	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	+	The policy seeks to protect and enhance cultural heritage, which could include impacts on the historic environment.		There is likely to be a positive impact on environmental sustainability as the policy seeks to protect cultural heritage, which can include the historic environment.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	++	The policy seeks to protect and enhance townscape.		There is likely to be a significantly positive impact on environmental sustainability as the policy seeks to protect and enhance landscape and townscape.
	Is there likely to be an impact on the landscape?	++	The policy seeks to protect and enhance the character of the landscape.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change		
9) To ensure the sustainable management of waste,	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on the amount of waste going to landfill		Unlikely to be an impact on any element of sustainability.

minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**? / +**	There is potential for a positive impact if the restoration of a site includes provision for public open space as part of enhancing landscape character.		There is likely to be an positive impact on environmental and social sustainability would depend on the restoration scheme proposed.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**?**	There is an unknown impact on tranquillity depending on the restoration proposals for the site which may help to enhance landscape character.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		

	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long Term
There is likely to be a significantly positive impact on environmental sustainability due to the focus of the policy on the protection of landscape character and townscape. There is also likely to be a positive impact on environmental sustainability in terms of biodiversity and heritage assets as a result of the wording of the policy.				

Policy 19: Protected Landscapes

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on best and most versatile agricultural land		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soil quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		

5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment.		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		There is likely to be a significantly positive impact on environmental sustainability as the policy seeks to protect the special landscape character of the AONB.
	Is there likely to be an impact on the landscape?	**++**	The policy seeks to protect the special landscape character of the AONB.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on the amount of waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		

11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on quality and quantity of open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**? / +**	The policy sets out where exceptional circumstances could mean that sites could be developed in the AONB, which could lead to a positive economic impact		If a site is permitted in exceptional circumstances, there could be a positive impact on economic sustainability.
	Specifically, is there likely to be an impact in terms of employment?	**?**	If a site is permitted in exceptional circumstances there could be an impact on employment.		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**

Predominantly neutral, with a significantly positive impact on environmental sustainability in terms of landscape.	Medium	AONB	Permanent	long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. However, there is likely to be a significantly positive impact on environmental sustainability due to the focus of the policy on the protection of landscape character of the AONB. There is potential for a positive impact on economic sustainability should a site be permitted in the exceptional circumstances set out in the policy. No negative impacts on sustainability are predicted as a result of this policy. The main modification to this policy has not resulted in any changes to the outcome of the SA/SEA, as the policy still seeks to protect the AONB.				

Policy 20: Biodiversity and Geodiversity

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	++	The main aim of the policy is to protect and enhance biodiversity providing net gains for biodiversity.		There is likely to be a significantly positive impact on environmental sustainability as this policy focuses on the protection and enhancement of biodiversity and geodiversity.
	Is there likely to be an impact on geodiversity?	++	The main aim of the policy is to protect and enhance geodiversity.		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	+	Aquatic habitats contribute to biodiversity and therefore, the policy will have positive impact on water quality.		There is likely to be a positive impact on environmental sustainability through the protection and enhancement of biodiversity.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soil quality		
	Would previously developed land be utilised?	0	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment.		Unlikely to be an impact on any element of sustainability.

environment, cultural heritage assets, and features of archaeological importance					
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		There is likely to be a positive impact on environmental sustainability as a result of the policy which will allow for adaption to climate change for biodiversity.
	Is there likely to be an impact with regard to adaptability to climate change?	**+**	Protection and enhancement of biodiversity habitat links will help to provide additional capacity for biodiversity to adapt to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.

of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**? / +**	There is potential for a positive impact if the restoration of a site includes provision for public open space as well as the biodiversity/geodiversity enhancements.		There is likely to be a positive impact on environmental and potentially social sustainability as a result of the policy's provision for open space and retaining tranquillity.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**+**	There is likely to be a positive impact as the protection and enhancement of biodiversity will result in areas of land set aside for nature.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long Term
There is likely to a significantly positive impact on environmental sustainability as a result of this policy, with potential positive impacts on social sustainability due to the focus of the policy being on protecting and enhancing biodiversity and geodiversity.				

Policy 21: Agricultural Land and Soils

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment

1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	0	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	++	The policy seeks to preserve best and most versatile agricultural land.		There is likely to be a significantly positive impact on environmental sustainability as the policy seeks to preserve the best and most versatile agricultural land and enhance soil quality, only allowing development on the best and most versatile agricultural land in exceptional circumstances.
	Is there likely to be an impact on soil quality?	++	The policy seeks to preserve and enhance soils.		
	Would previously developed land be utilised?	0	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment.		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.

adaptability to climate change	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on adaptability to climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		

13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long Term
There will be a significant positive impact on environmental sustainability as the policy seeks to preserve the best and most versatile agricultural land and soils. There will be no other sustainability impact as a result of the policy.				

Policy 22: Transport

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		

best and most versatile agricultural land	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality. The policy requires that applications considered under the policy do not have a determinant effect on the environment or local community.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	There is unlikely to be an impact on environmental sustainability due to the wording of the policy. However, it likely that mitigation measures will be required to ensure that the policy can be achieved.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		

10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	+	The policy encouraged the use of sustainable modes transport including rail and water transport where this is practical.		There is likely to be a positive impact on environmental sustainability as the policy seeks to promote the use of sustainable transport.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	+	The policy seeks to minimise the impact on the transport network.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	0	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour		There is unlikely to be an impact on environmental sustainability due to the wording of the policy. However, it likely that mitigation measures will be required to ensure that the policy can be achieved.
	Is it likely that there would be an impact on noise levels?	0	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from	Is there likely to be an impact on the local and wider economy?	0	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Specifically, is there likely to be an impact in terms of employment?	0	Unlikely to be an impact on employment		

waste and minerals related activities					

Summary				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. There is a potential positive environmental sustainability impact as a result of the policy's promotion of sustainable modes of transport. Sites considered under the policy could impact on traffic levels unless mitigation measures are implemented as required by the policy. There are no potentially negative impacts identified as a result of this policy.				

Policy 23: Public Rights of Way

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.

6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to be an impact on rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to be an impact on transport networks.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		

possible and appropriate					
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	+	The policy ensures that any rights of way to be impacted by a proposal are diverted or an alternative route provided, and encourages the creation of new routes and greater/improved access to the countryside.		There is likely to be a positive impact on social sustainability as rights of way will be retained or diverted where they are likely to be affected by a proposal.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to be an impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	0	Unlikely to be an impact on noise.		
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	0	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	0	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. The only potential positive impact is likely to be in relation to provision of open space amenity, which should be preserved through the policy by the diversion or alteration of public rights of ways affected by proposals and where possible the creation of new routes and improved access to the countryside.				

Policy 24: Flooding

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity	Is there likely to be an impact on biodiversity?	0	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.

and geological diversity throughout West Berkshire					
	Is there likely to be an impact on geodiversity?	0	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	0	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	++	The policy requires consideration of flood risk and the provision of appropriate mitigation measures to be provided and for proposals to seek to reduce flood risk.		There is likely to be a significantly positive impact on all elements of sustainability as the policy requires consideration of flooding and mitigation measures to be provided and seeks opportunities to reduce flood risk.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	0	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	0	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	0	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	0	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.

8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		There is likely to be a positive impact on all elements of sustainability as the policy requires consideration of flooding as a result of climate change.
	Is there likely to be an impact with regard to adaptability to climate change?	**+**	The policy requires consideration of the impacts of climate change on flood risk, and the minimisation of these risks where possible.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to be an impact on rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to be an impact on the transport network.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.

Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long term
There is likely to be a significantly positive impact on all elements of sustainability as a result of this policy as it specifically looks to reduce flood risk and take into account the impacts of climate change on flood risk.				

Policy 25: Climate Change

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**+**	The policy requires consideration of flood risk on		There is likely to be a positive impact on all elements of

			site and avoiding areas vulnerable to flooding unless mitigation/adaptation measures are provided		sustainability as the policy requires consideration of reducing flood risks
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		There is likely to be a positive impact on all elements of sustainability as the policy specifically relates to minimising the impacts on climate change.
	Is there likely to be an impact with regard to adaptability to climate change?	**++**	The policy requires consideration of minimising the impacts of climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		

maximise the re-use, recovery and recycling of waste	reused, recovered and/or recycled?				
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	+	The policy requires consideration of transport arrangements to help to minimise the impacts on climate change		There is likely to be a positive impact on environmental sustainability as a result of the policy's requirements to consider sustainable transport.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	+	The policy requires consideration of transport arrangements to help to minimise the impacts on climate change		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	0	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	0	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	0	Unlikely to be an impact on light pollution		

14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:

Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long term

There is likely to be a significantly positive impact on all elements of sustainability as a result of the policy's requirement to consider climate change and the risks associated with it. There are a number of other potential positive environmental impacts as a result of the policy specifically in relation to flood risk and sustainable transport.

The main modification to this policy has not resulted in any changes to the SA/SEA.

Policy 26: Public Health, Environment and Amenity

SA Objective	**Criteria**	**Effects of site allocation on SA objectives**	**Justification for assessment**	**Mitigation / enhancement**	**Comment**
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality. The policy requires that applications considered under the policy do not have a detrimental effect water quality	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	There is unlikely to be an impact on environmental sustainability due to the wording of the policy. However, it likely that mitigation measures will be required to ensure that the policy can be achieved.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources. The policy requires that applications considered under the policy do not have a detrimental effect on water resources.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.

soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**+**	The policy requires consideration of the historic environment.		There is likely to be a positive impact on environmental and social sustainability as a result of this policy requiring consideration of the historic environment,
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**+**	The policy requires consideration of impacts on local communities, which could include the impact on townscape.		There is likely to be a positive impact on environmental sustainability as a result of this policy requiring consideration of impacts on the natural, build and historic environment.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality. The policy requires that applications considered under the policy do not have a detrimental effect air quality.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	There is unlikely to be an impact on environmental sustainability due to the wording of the policy. However, it likely that mitigation measures will be required to ensure that the policy can be achieved.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability..
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		

maximise the re-use, recovery and recycling of waste	reused, recovered and/or recycled?				
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to be an impact on rail or waterborne transport		There is unlikely to be an impact on environmental sustainable due to the wording of the policy. However, it is likely that mitigation measures will be required to ensure that the policy can be achieved.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to be an impact on transport networks. The policy requires that the impacts of traffic movements to/from sites being considered under the policy do not have an inacceptable impact.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to impact on open space amenity.		There is unlikely to be an impact on environmental or social sustainable due to the wording of the policy. However, it is likely that mitigation measures will be required to ensure that the policy can be achieved.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity. The policy requires consideration of impacts on amenity and quality of life.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour. The policy requires that application considered under the policy do not have a detrimental effect on odour.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	There is unlikely to be an impact on environmental and social sustainability due to the wording of the policy. However, it likely that mitigation measures will be required to ensure that the policy can be achieved.

	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise. The policy requires that applications considered under the policy do not have a detrimental effect on noise levels.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution. The policy requires that applications considered under the policy do not have a detrimental effect on light.	Mitigation measures may be required to ensure no detrimental impacts are associated with any site considered under this policy.	
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. There is a potential positive environmental and social sustainability impact as a result of the policy's requirement to consider the impacts on the impacts on the local community and the natural, built and historic environment. Many of the predicted impacts on the policy are neutral, as the policy requires consideration of public health and safety, amenity and quality of life are not detrimentally impacted. This does not necessarily mean that there would be a positive impact on sustainability, although mitigation measures could result in a positive impact.				

Policy 27: Historic Environment

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		

3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**++**	There is likely to be a significantly positive impact as a result of the policy, which focuses on the protection and enhancement of the historic environment.		There is likely to be a significantly positive impact on environmental and social sustainability as a result of this policy's focus on the historic environment.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on adaptability to climate change		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use,	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		

recovery and recycling of waste					
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to impact on use of rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to impact on the transport network		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution		

14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Significantly positive	Medium	District Wide	Permanent	Long term
There is likely to be a potentially significant positive environmental effect as a result of the policy's focus on preserving and enhancing the historic environment. There will be no impact on any other element of sustainability.				

Policy 28: Design

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**+**	The policy requires consideration of restoration design, which should result in net gains for biodiversity.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and	Is there likely to be an impact on the historic environment?	**+**	The policy requires consideration, protection and enhancement of the setting of a site considered under the policy,		There is likely to be a positive impact on environmental and social sustainability as a result of this policy requiring

features of archaeological importance			which could include heritage setting.		consideration the setting of a site considered under the policy.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	+	The policy requires consideration, protection and enhancement of the setting of a site considered under the policy, which could include townscape.		There is likely to be a positive impact on environmental sustainability as a result of this policy requiring consideration of impacts on the setting of a site considered under the policy.
	Is there likely to be an impact on the landscape?	+	The policy requires consideration, protection and enhancement of the setting of a site considered under the policy which could include consideration of the landscape.		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	0	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	0	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	0	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	0	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	0	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	0	Unlikely to be an impact on rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	0	Unlikely to be an impact on transport networks.		

11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to impact on open space amenity.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise.		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:

Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term

Overall there is likely to be a neutral impact on sustainability as a result of this policy. The policy requires consideration of a site's setting, which means that could be a positive impact on environmental and social sustainability in relation to the historic environment, townscape and landscape all of which can contribute to the setting of a site. There are no likely negative impacts as a result of this policy.

Policy 29: Cumulative Impact

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	**0**	Unlikely to be an impact on biodiversity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on geodiversity?	**0**	Unlikely to be an impact on geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	Unlikely to be an impact on water quality		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on water resources?	**0**	Unlikely to be an impact on water resources.		
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**0**	Unlikely to be an impact on flood risk.		Unlikely to be an impact on any element of sustainability.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	Unlikely to be an impact on soils quality		
	Would previously developed land be utilised?	**0**	Unlikely to be an impact on the use of previously developed land.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	Unlikely to be an impact on the historic environment		Unlikely to be an impact on any element of sustainability.
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Unlikely to be an impact on townscape		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the landscape?	**0**	Unlikely to be an impact on landscape		
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	Unlikely to be an impact on air quality.		Unlikely to be an impact on any element of sustainability.

8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to be an impact on renewable energy capacity		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to be an impact on climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**0**	Unlikely to be an impact on waste going to landfill		Unlikely to be an impact on any element of sustainability.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to be an impact on the quantity of waste being reused, recovered or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**0**	Unlikely to be an impact on rail or waterborne transport		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	Unlikely to be an impact on transport networks.		
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	Unlikely to have an impact on safeguarding of primary aggregates.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**0**	Unlikely to have an impact on recycling of aggregates or construction waste.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	Unlikely to have an impact on open space amenity.		Unlikely to be an impact on any element of sustainability.

Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	Unlikely to be an impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour.		Unlikely to be an impact on any element of sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	Unlikely to be an impact on noise.		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**0**	Unlikely to be an impact on the economy		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact in terms of employment?	**0**	Unlikely to be an impact on employment		

Summary of Effects:				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	Medium	District Wide	Permanent	Long term
Overall there is likely to be a neutral impact on sustainability as a result of this policy. As the policy seeks to ensure no cumulative impacts, the policy itself will not have any impact on sustainability, however, it will prevent potential negative impacts occurring if several sites were to come forward within close proximity to each other.				

Site Policies

Policy 30: Tidney Bed

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	+	The policy requires that the site is developed in line with the PEA and deliver net gains for biodiversity.	Details regarding mitigation is set out in the PEA.	The policy is likely to have a positive impact on environmental sustainability in the longer term with restoration of the site.
	Is there likely to be an impact on geodiversity?	?	Mineral extraction changes the local geology by extracting the mineral resource, however, extraction can provide opportunities for increased understanding and		

			interpretation of local geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	**0**	The policy should ensure a neutral impact on water quality.	Mitigation measures may be required to ensure a neutral impact is delivered.	The policy is likely to have a neutral impact on environmental sustainability.
	Is there likely to be an impact on water resources?	**0**	The policy should ensure a neutral impact on water resources.	Mitigation measures may be required to ensure a neutral impact is delivered.	
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	**?**	The site is at risk from flooding. Extraction of the mineral from the site, as set out in the policy requires the consideration of the impacts of flooding in relation to the restoration of the site.		There is an unknown impact on environmental and social sustainability as the impact on flood risk would depending on the restoration scheme proposed as part of any application being considered under the policy.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	**0**	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	**0**	There should be a neutral impact on soil quality through careful soils handling and management.	Soil handling and careful management would be required	
	Would previously developed land be utilised?	**0**	The site is greenfield and once extraction is complete will be returned to the same, or better, quality.		
5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	The policy requires that the relevant assessments and management of any heritage assets on site are set out to ensure no impact on heritage assets	Mitigation measures may be required, if the relevant assessments determine there are heritage assets on the site.	The policy is likely to have a neutral impact on environmental sustainability
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Due to the location of the site referred to in the policy it is unlikely there would be an impact on townscape.		The policy is likely to have an overall neutral impact on environmental sustainability.
	Is there likely to be an impact on the landscape?	**0**	The policy seeks that development of the site would not result in an impact on landscape.	Mitigation measures required are set out in the Council's Landscape and Visual Assessment.	

7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on air quality.	Mitigation measures may be required, and would be set out in the relevant management plan.	The policy is likely to have a neutral impact on environmental sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to impact on renewable energy capacity.		The policy is likely to have a neutral impact on all elements of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to impact on adaptability to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**-**	The restoration of the site is proposed to be at existing levels using infill material.		There is a potential negative impact on environmental sustainability as infill is proposed for use as part of the site restoration.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to impact on the amount of waste being reused, recovered and/or recycled.		
10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	**-**	The location of the site covered by the policy is not close to rail/water transportation		Overall it is likely that the policy would have a neutral impact on sustainability. While there is no potential for alternatives to road transport, the policy seeks to ensure that there will be no negative impacts on sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	**0**	The policy requires a consideration of traffic movements associated with the site, but it is not considered that the traffic impacts would have an impact	Mitigation measures may be required to ensure a neutral impact on sustainability.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	**0**	The policy does not seek to safeguard primary aggregates, but does allow for the extraction of mineral		There is likely to be a negative impact on environmental as the site is to provide new material, however, there would be a positive economic impact as a result of the extraction of the mineral.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	**-**	The site covered by the policy would provide new mineral material and not recycled aggregates.		

12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	**0**	The policy requires consideration of the right of way close to the site to ensure no negative impacts.	Mitigation measures may be required to the right of way.	The policy seeks to ensure a neutral impact on environmental and social sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	**0**	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	**0**	Unlikely to be an impact on odour		The policy seeks to ensure a neutral impact on environmental sustainability.
	Is it likely that there would be an impact on noise levels?	**0**	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on noise levels.		
	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**+**	The site will provide sand and gravel to support the local economy.		The policy will provide mineral resources and therefore, there will be a positive impact on economic and social sustainability.
	Is there likely to be an impact in terms of employment?	**+**	The site will provide a limited number of local jobs		

Summary of Effects				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Neutral Impact	High	Local	Temporary	Short/Medium Term

Overall there is likely to be a neutral impact on sustainability. The policy will have a positive impact on economic and social sustainability by allowing for the extraction of mineral resources to support the local economy, including the local building trade. The impact on environmental sustainability is likely to be natural due to mitigation measures during the extraction phase, and good restoration of the site should return the site to the same, or better quality.

Policy 31: Chieveley Services

SA Objective	Criteria	Effects of site allocation on SA objectives	Justification for assessment	Mitigation / enhancement	Comment
1) To protect and enhance biodiversity and geological diversity throughout West Berkshire	Is there likely to be an impact on biodiversity?	+	The policy requires that the site is developed in line with the PEA and deliver net gains for biodiversity.	Details regarding mitigation is set out in the PEA.	The policy is likely to have a positive impact on environmental sustainability in the longer term with restoration of the site.
	Is there likely to be an impact on geodiversity?	-	Mineral extraction changes the local geology by extracting the mineral resource, however, extraction can provide opportunities for increased understanding and interpretation of local geodiversity		
2) To maintain and enhance water quality and resources	Is there likely to be an impact on water quality?	0	The policy should ensure a neutral impact on water quality.	Mitigation measures may be required to ensure a neutral impact is delivered.	The policy is likely to have a neutral impact on environmental sustainability.
	Is there likely to be an impact on water resources?	0	The policy should ensure a neutral impact on water resources.	Mitigation measures may be required to ensure a neutral impact is delivered.	
3) To minimise the risk and impact of flooding	Is there likely to be an impact in terms of flood risk?	?	The site is at risk from flooding. Extraction of the mineral from the site, as set out in the policy requires the consideration of the impacts of flooding in relation to the restoration of the site.		There is an unknown impact on environmental and social sustainability as the impact on flood risk would depending on the restoration scheme proposed as part of any application being considered under the policy.
4) To maximise the sustainable use of land and the protection of soils, safeguarding the best and most versatile agricultural land	Is there likely to be an impact on the best and most versatile agricultural land?	0	Unlikely to be an impact on agricultural land.		Unlikely to be an impact on any element of sustainability.
	Is there likely to be an impact on soil quality?	0	There should be a neutral impact on soil quality through careful soils handling and management.	Soil handling and careful management would be required	
	Would previously developed land be utilised?	0	The site is greenfield and once extraction is complete will be returned to the same, or better, quality.		

5) To conserve and enhance the character of the historical environment, cultural heritage assets, and features of archaeological importance	Is there likely to be an impact on the historic environment?	**0**	The policy requires that the relevant assessments and management of any heritage assets on site are set out to ensure no impact on heritage assets	Mitigation measures may be required, if the relevant assessments determine there are heritage assets on the site.	The policy is likely to have a neutral impact on environmental sustainability
6) To minimise the impact on landscape and townscape character	Is there likely to be an impact on the townscape?	**0**	Due to the location of the site referred to in the policy it is unlikely there would be an impact on townscape.		The policy is likely to have an overall neutral impact on environmental sustainability.
	Is there likely to be an impact on the landscape?	**0**	The policy seeks that development of the site would not result in an impact on landscape.	Mitigation measures required are set out in the Council's Landscape and Visual Assessment.	
7) To protect air quality in West Berkshire	Is there likely to be an impact on air quality?	**0**	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on air quality.	Mitigation measures may be required, and would be set out in the relevant management plan.	The policy is likely to have a neutral impact on environmental sustainability.
8) To maximise energy efficiency, the proportion of energy generated from renewable sources and adaptability to climate change	Is there likely to be an impact on the amount of renewable energy capacity being provided in West Berkshire?	**0**	Unlikely to impact on renewable energy capacity.		The policy is likely to have a neutral impact on all elements of sustainability.
	Is there likely to be an impact with regard to adaptability to climate change?	**0**	Unlikely to impact on adaptability to climate change.		
9) To ensure the sustainable management of waste, minimise the quantity of waste sent to landfill, and to maximise the re-use, recovery and recycling of waste	Is this likely to have an impact on the amount of waste going to landfill?	**?**	The site to be considered by the policy is to be restored to agriculture, this may include some element of infilling although this will depending on the proposals submitted as part of any application considered under this policy.		There is an unknown impact on sustainability as it is unknown whether infilling will be proposed as part of the restoration of the site considered under the policy.
	Is this likely to have an impact in terms of the quantity of waste being reused, recovered and/or recycled?	**0**	Unlikely to impact on the amount of waste being reused, recovered and/or recycled.		

10) To promote the sustainable transport of minerals and waste within West Berkshire	Is it likely that rail or waterborne transportation would be used?	-	The location of the site covered by the policy is not close to rail/water transportation		Overall it is likely that the policy would have a neutral impact on sustainability. While there is no potential for alternatives to road transport, the policy seeks to ensure that there will be no negative impacts on sustainability.
	Is there likely to be an impact on the transport network (including the local road network and the Strategic Road Network)?	0	The policy requires a consideration of traffic movements associated with the site, but it is not considered that the traffic impacts would have an impact	Mitigation measures may be required to ensure a neutral impact on sustainability.	
11) To conserve mineral resources in West Berkshire through safeguarding of primary aggregates and encouragement of the use of recycled aggregate where possible and appropriate	Is there likely to be an impact in terms of safeguarding of primary aggregates?	0	The policy does not seek to safeguard primary aggregates, but does allow for the extraction of mineral		There is likely to be a negative impact on environmental as the site is to provide new material, however, there would be a positive economic impact as a result of the extraction of the mineral.
	Is there likely to be an impact in terms of the use of recycled aggregate/construction and demolition wastes?	-	The site covered by the policy would provide new mineral material and not recycled aggregates.		
12) To protect human health and well being and maintain the quality and quantity of public open space amenity across West Berkshire, and protect areas of tranquillity in the context of minerals and waste development	Is there likely to be an impact on the quality and quantity of open space amenity?	0	The policy requires consideration of the right of way close to the site to ensure no negative impacts.	Mitigation measures may be required to the right of way.	The policy seeks to ensure a neutral impact on environmental and social sustainability.
	Is it likely that there would be an impact with regard to areas of tranquillity?	0	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on tranquillity.		
13) To minimise public nuisance	Is it likely that there would be an impact with regard to odour?	0	Unlikely to be an impact on odour		The policy seeks to ensure a neutral impact on environmental sustainability.
	Is it likely that there would be an impact on noise levels?	0	The policy seeks that relevant surveys and management plans are submitted to ensure there is no negative impact on noise levels.		

	Is it likely that there would be an impact with regard to light pollution?	**0**	Unlikely to be an impact on light pollution.		
14) To support opportunities for economic development, including jobs, arising from waste and minerals related activities	Is there likely to be an impact on the local and wider economy?	**+**	The site will provide sand and gravel to support the local economy.		The policy will provide mineral resources and therefore, there will be a positive impact on economic and social sustainability.
	Is there likely to be an impact in terms of employment?	**+**	The site will provide a limited number of local jobs		

Summary of Effects				
Effect:	**Likelihood:**	**Scale:**	**Duration:**	**Timing:**
Predominantly neutral	High	Local	Temporary	Short/Medium Term

Overall there is likely to be a neutral impact on sustainability. The policy will have a positive impact on economic and social sustainability by allowing for the extraction of mineral resources to support the local economy, including the local building trade. The impact on environmental sustainability is likely to be natural due to mitigation measures during the extraction phase, and good restoration of the site should return the site to the same, or better quality.