

South Lakeland

ASSESSMENTS OF SITES WITHIN SOUTH LAKELAND

Site Assessments and Maps

PREFERRED SITES WITHIN SOUTH LAKELAND DISTRICT

FOR WASTE MANAGEMENT

Household Waste Recycling Centres

First preference

SL 1 Kendal Fell Quarry (land adjacent)

Reserve list - none

Waste Treatment Facilities

First preference

SL 1 Kendal Fell Quarry (but this is mostly within the Lake District National Park and not within the area of this Framework.)

Reserve list - none

Energy from Wastes

None

Landfill

None

PREFERRED AREAS OR AREAS OF SEARCH FOR MINERALS

M 30 Roan Edge Quarry sandstone Area of Search (high specification roadstone)

MINERAL SAFEGUARDING AREAS

Limestone, sandstone and sand and gravel.

First preference sites and reserves

SL 1 Kendal Fell Quarry, Kendal

- 4.885** Land adjacent to this quarry is the only preferred site for a replacement of the Canal Head HWRC (SL1B); the quarry floor is a first preference site for waste management facilities (SL1A), although it is mostly within the Lake District National Park and not this plan's area.
- 4.886** It has proved extremely difficult to identify sites in the south of the county. With access directly from the A591 Kendal by-pass, this site is well located for the road network and is supported by the National Park Authority.
- 4.887** The Habitats Regulations Assessment concludes that this site would not have impacts on the River Kent or Morecambe Bay Pavements SACs.

Summary of comments from previous consultation stages

- 4.888** It was supported as a Green Resource Park in principle, if based on the Best Practical Environmental Option, and it was acknowledged that waste management uses would provide some employment. Mitigation of traffic impacts were seen to be a key consideration, together with other impacts including noise and pollution.
- 4.889** Much of the quarry, including the access to the A 591, is within the National Park and outside the plan area. At an earlier stage, the National Park Authority agreed that the site could be put forward in this plan, on condition that it was not proposed for an incinerator.

Summary of comments from the September/October 2009 consultation stage

- 4.890** Comments received during the recent consultation were that it was broadly acceptable to the highway authority; advice should be sought on archaeological mitigation; the Environment Agency states it is important to establish the relationship with the water table and active or passive dewatering.

Environmental assets

- 4.891** The Morecambe Bay Pavements SAC and the Scout & Cunswick Scars SSSI are 600m from the site; Serpentine Wood & Kendal Fell County Wildlife Site is adjacent to the eastern edge; Cunswick Fell CWS is 550m away, Cunswick & Park Spring Woods CWS is 950m and Barrowfield & Honeybee Woods CWS is 1.5km; an area of calcareous grassland UK priority habitat is adjacent to the site, semi-natural woodland UK priority habitat is 800m away and hay meadows and pastures UK priority habitat is 400m away.
- 4.892** The Northern Brown Argus, Small Heath, High Brown and Small Pearl-bordered Fritillary butterflies have all been recorded on both the nearby golf course and Scout Scar. Badgers have been recorded within the site. There are records of brown hares and common pipistrelle bats in the vicinity.
- 4.893** A public footpath runs along the eastern edge of the quarry.
- 4.894** There is licensed groundwater extraction close to this site.

Site Assessments and Maps

Enhancement potential

- 4.895** The size of the site should enable significant habitat enhancement measures to be incorporated into a development scheme.
- 4.896** Information required on extent of modern disturbance - some archaeological mitigation may be needed.

Flood map zone

- 4.897** No identified flood risk.

Safeguarding

- 4.898** There is an HSE safeguarding zone for the quarry.

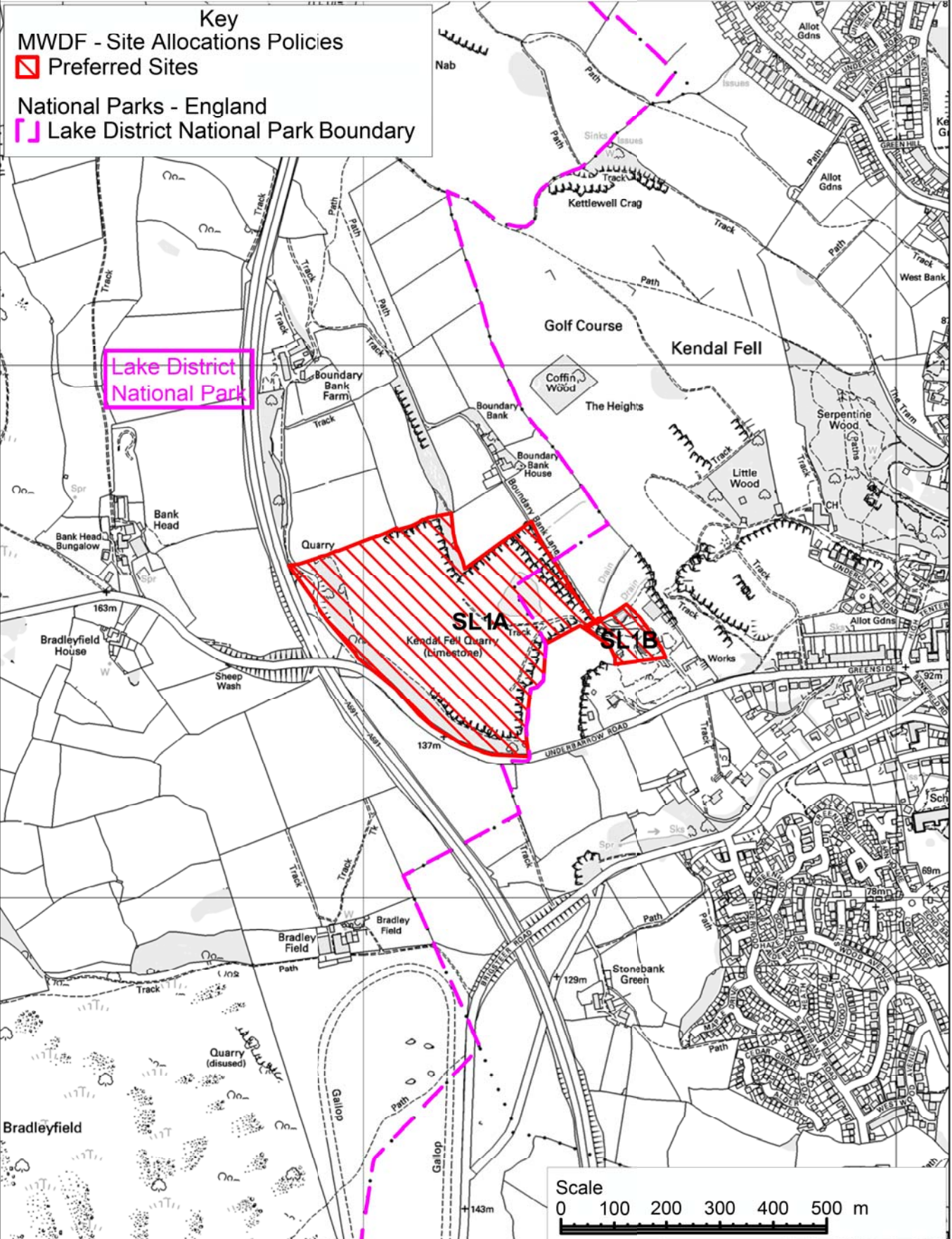
Agricultural Land Classification

- 4.899** N/A.

Sequential approach

- 4.900** This is a brownfield site in a town.

SL1 - Kendal Fell Quarry, Kendal



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Site Assessments and Maps

WASTE MANAGEMENT SITE SCORING MATRIX - SL1 Kendal Fell Quarry, Kendal

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
1. Proximity to waste arisings (by road)	Within 5 miles of the centre of main towns*	✓✓		NR4 – Manage mineral resources sustainably and minimise waste NR1 – To improve local air quality and reduce greenhouse gas emissions SP5 – To improve the health and well being of people	Will the option: - reduce waste miles by road and promote the movement of waste by rail and limit or reduce the emission of climate change gases and other air pollutants as a result?	CS1, CS7, GDC1
	Within 5 - 10 miles from their centres					
	Within 5 miles of Key Service Centres**					
	Within 5 – 10 miles Key Service Centres					
	Greater than 10 miles from a town or Key Service Centre					
2. Accessibility	Access to existing rail facilities			NR4 – Manage mineral resources sustainably and minimise waste SP2 – To improve access to services, facilities the countryside and open spaces	Will the option: - improve access to recycling and composting services, where possible within local communities using sustainable transport choices? - reduce waste miles by road and promote the movement of waste by rail and limit or reduce the emission of climate change gases and other air pollutants as a result?	CS1
	Access to existing primary road network	✓✓	Access to Kendal bypass (A591) currently via private road			
	Potential for rail access	xx				
	Access to proposed primary road network					
3. Sequential approach	Good local road accessibility			NR4 – Manage mineral resources sustainably and minimise waste NR3 – To restore and protect land and soil	Will the option: - include measures to avoid soil degradation and pollution? - encourage the siting of waste management facilities on brownfield land? - seek to protect good quality agricultural land and Greenfield sites as far as possible? - account will have to be taken of the proportion of brownfield land in the assessment	
	Previously developed land (Brownfield)	✓✓				
	Greenfield					
	Allocated for waste management or employment use and at a town or key service centre	x	This would have been an active quarry and landfill site at the time so would not have been allocated.			
4. Deliverability	Allocated for waste management or employment use a but not at a town or key service centre			No directly related SA objectives	No directly related SA criteria	
	No owner objection	✓✓				
	Owner objection exists					
5. Flood Risk	Zone 1 or no flood risk	✓✓		NR4 – Manage mineral resources sustainably and minimise waste	Will the option:	
	Zone 2					

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
	Zone 3a			NR2 – To improve water quality and resources	- alleviate flooding and flood contamination of water resources?	
	Zone 3b (functional floodplain)			EN3 – To improve the quality of the built environment	- be in an area at risk from flooding and/or be likely to create a higher risk of flooding elsewhere?	
6. Other land uses	Conflict unlikely with other land use	✓✓		No directly related SA objectives	No directly related SA criteria	
	Conflict likely with other land use					
7. Co-location potential	Large enough to accommodate more than one facility	✓✓		NR1 - To improve local air quality and reduce greenhouse gas emissions	- Will the option: - minimise loss of green field sites or areas of open space	
	Not large enough to accommodate more than one facility			NR3 – To restore and protect land and soil NR4 – Manage mineral resources sustainably and minimise waste	- Will site location criteria minimise the need for transport	
				SP5 - To improve the health and sense of well being of people		
8. Proximity to Housing	No houses within 250 metres			NR4 – Manage mineral resources sustainably and minimise waste	Will the option: - Will the plan ensure that local air quality is not adversely affected by pollution	
	Houses within 250 metres	x		NR1 – To improve local air quality and reduce greenhouse gas emissions SP5 – To improve the health and well being of people	- limit the negative impact on people's health and well being?	
9. Environmental Assets	European/National sites, species or habitats			NR4 – Manage mineral resources sustainably and minimise waste	minimise adverse impacts on species and habitats through human activities and development?	
	Potential to enhance			EN1 – To protect and enhance biodiversity	-ensure continuity of ecological frameworks such as river corridors, coastal habitats, uplands, woodlands and scrub to enable free passage of specific habitat dependent species?	
	No impact	✓	Development unlikely to affect the adjacent UK Priority Habitat (Calcareous Grassland).	EN2 – To preserve enhance and manage landscape quality and character for future generations	- take account of the impacts of climate change on biodiversity? Will the option: - protect and conserve habitats and species especially where these may be rare, declining, threatened or indigenous?	
	Indirect adverse (site outside designated area)					
	Direct adverse (site directly within designated area)					
	Local sites or priority species/habitats					

Site Assessments and Maps

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
	Potential to enhance				ensure biodiversity sustainability by enhancing conditions wherever necessary to retain viability of the resource?	
	No impact	✓	Development unlikely to affect the adjacent County Wildlife Sites. It would have less impact than the existing HWRC, on the Kendal Conservation Area.			
	Requires mitigation/ compensatory measures - Indirect adverse (site outside designated area)					
	Requires compensatory measures for Direct adverse impact (site directly within designated area)					
10. Visual and landscape impact	Site not likely to impact on nationally designated landscape areas			NR4 – Manage mineral resources sustainably and minimise waste	Will the option:	
	Site likely to adversely impact on nationally designated landscape areas	x	The Lake District National Park boundary crosses the quarry. The LDNPA has supported waste management uses on the floor of the quarry.	EN2 – To preserve, enhance and manage landscape quality and character for future generations EN3 – To improve the quality of the built environment	- protect local landscape quality, distinctiveness and character protected from unsympathetic development? - maintain the remoteness and tranquility of landscapes? - protect the appearance of world heritage sites, designated archaeological sites, historic parks and gardens, battlefields and their settings? - protect areas of high archaeological and historic landscape sensitivity?? - factor in anticipated impacts of extreme weather events on landscape character and other valued assets? - conserve features of historic and architectural importance? - promote energy efficiency, the use of locally sourced materials and low impact operation?	
11. Economic Potential	Likely to be part of, or aid regeneration and/or safeguard jobs	✓✓	Essential to relocate HWRC from the land identified in the Canal Head Area Action Plan. Development at this site would also provide jobs.	NR4 – Manage mineral resources sustainably and minimise waste EC1 – To retain existing jobs and create new employment opportunities	Will the option: - stimulate private sector investment – generally and within the waste management sector?	

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
	Demonstrable adverse impact on inward investment			EC2 – To improve access to jobs EC3 – To diversify and strengthen the local economy	- stimulate diversification within the waste management sector? - stimulate innovation and research relating to emerging waste management technologies?	
12. Safeguarding	Not affecting safeguarding procedures/zones*** Conflict with safeguarding procedures/zones	✓✓		No directly related SA objectives	No directly related SA criteria	
<p>Summary of overall assessment: This site includes the floor of the quarry and adjacent land where there is a transfer station. Lorry access would have to be directly from the A591. The eastern part of the old quarry has been landfilled with non inert wastes. Planning permission extended into this site but has expired. Landfilling was discontinued for technical and economic reasons. It is not being put forward for additional landfill. First preference sites for a relocated HWRC and for waste treatment facilities.</p>						

KEY	✓✓	✓	x x	x	?	0
	The site scores very positively against the criteria	The site scores positively against the criteria	The site scores very negatively against the criteria	The site scores negatively against the criteria	There is too much uncertainty to score the site against this criteria	The site has no impact on this criteria

* *The main towns are:* Carlisle, Penrith, Workington, Whitehaven, Kendal, Barrow-in-Furness

***Key Service Centres:* Alston, Appleby, Aspatria, Brampton, Cleator Moor, Cockermouth, Dalton-in-Furness, Egremont, Grange over Sands, Kirkby Lonsdale, Kirkby Stephen, Longtown, Maryport, Millom, Milnthorpe, Silloth, Ulverston, Wigton

****Safeguarding procedures/zones includes those for airfields, Technical Sites (e.g. navigation beacons/interference), pipelines.*

Site Assessments and Maps

M 30 Roan Edge Quarry, New Hutton

- 4.901** Land adjacent to this high specification roadstone quarry is a proposed Area of Search for its extension.
- 4.902** This quarry is next to M6 junction 37. It produces high skid resistance roadstone for a regional market. Planning permission has been granted for 9.5 million tonnes of additional reserves, but further provision may need to be considered towards the end of the plan period.
- 4.903** There are concerns that regional policy restrictions on quarries in the Yorkshire Dales National Park may put increased pressure on Cumbrian quarries, particularly this one.

Summary of comments during the September/October 2009 consultation stage

- 4.904** Comments received during the recent consultation were that it was broadly acceptable to the highway authority; the parish council was unable to reply within the consultation period, but later expressed no objection to the proposal, providing that when work takes place at the site, the public footpath through it is moved to the east and the area is securely fenced.

Environmental assets

- 4.905** Killington Reservoir County Wildlife Site is 260m away, on the other side of the M6 motorway; an area of calcareous grassland UK priority habitat lies 460m away and one of heathland is 900m away; Firbank Fell CWS lies 940m away; Hutton Park Mire CWS is 950m; Brundrigg Moss CWS is 1.2km; Lily Mere & New Park Mosses CWS and Lambrigg Tarn & Fell CWS are both 1.4km away.
- 4.906** A bridleway is adjacent to the west of the existing quarry, between it and the proposed area.

Enhancement potential

- 4.907** Potential for habitat creation/enhancement.

Flood map zone

- 4.908** No identified flood risk.

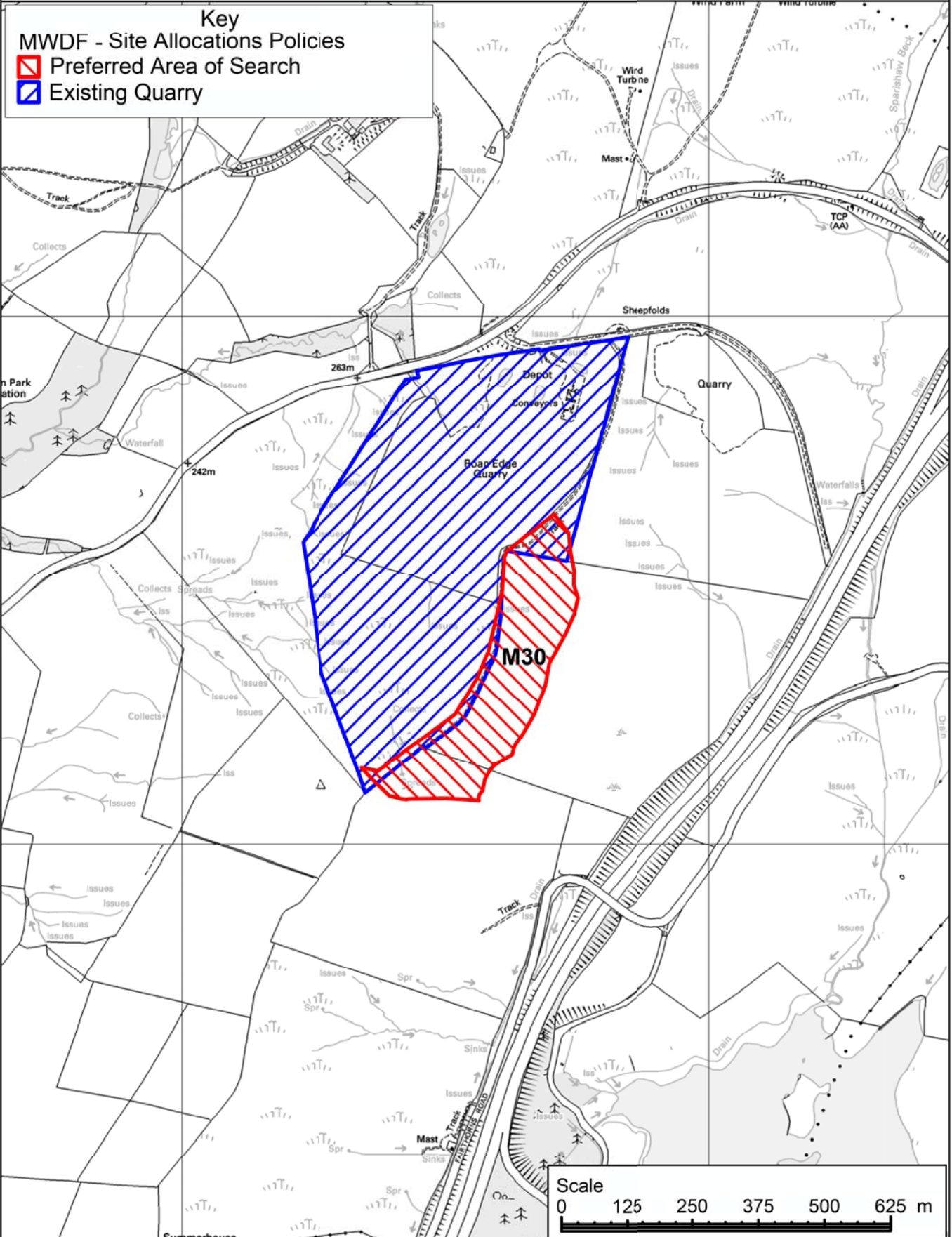
Safeguarding

- 4.909** The site lies within the Kendal-Lancaster Canal safeguarding area.

Agricultural Land Classification


- 4.910** Grade 5.

M30 - Roan Edge Quarry, New Hutton, Kendal



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Site Assessments and Maps

WASTE MANAGEMENT SITE SCORING MATRIX - M30 Roan Edge Quarry, New Hutton

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
1. Accessibility	Access to existing rail facilities			NR4 – To manage mineral resources sustainably and minimise waste SP5 - To improve the health and sense of well being of people	Will the option - minimise the need for the transport of minerals and aggregates?	CS1
	Access to existing primary road network	✓✓	Adjacent to M6 Junction 37			
	Potential for rail access	xx				
	Access to proposed primary road network					
	Good local road accessibility					
2. Deliverability	No owner objection	✓✓		No directly related SA objectives	No directly related SA criteria	
	Owner objection exists					
3. Flood Risk	Zone 1 or no flood risk	✓✓		NR4 – Manage mineral resources sustainably and minimise waste NR2 – To protect and improve water quality and resources EN3 – To improve the quality of the built environment	Will the option: - alleviate flooding and flood contamination of water resources? - be in an area at risk from flooding and/or be likely to create a higher risk of flooding elsewhere?	See GDC policy 13 – Flood Risk
	Zone 2					
	Zone 3a					
	Zone 3b (functional floodplain)					
4. Other land uses	Conflict unlikely with other land use	✓✓		No directly related SA objectives	No directly related SA criteria	
	Conflict likely with other land use					
	Not large enough to accommodate more than one facility					
5. Proximity to Housing	No houses within 250 metres	✓✓		NR4 – Manage mineral resources sustainably and minimise waste NR1 – To improve local air quality and reduce greenhouse gas emissions SP5 – To improve the health and well being of people	Will the option: - ensure that local air quality is not adversely affected by pollution? - limit the negative impact on people's health and well being?	
	Houses within 250 metres					
6. Environmental Assets	European/National sites, species or habitats			EN1 – To protect and enhance biodiversity EN2 – To preserve enhance and manage landscape quality and character for future generations	Will the option: - protect and conserve habitats and species especially where these may be rare, declining, threatened or indigenous?	
	Potential to enhance No impact	✓				

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
	Indirect adverse (site outside designated area)				ensure biodiversity sustainability by enhancing conditions wherever necessary to retain viability of the resource?	
	Direct adverse (site directly within designated area)				minimise adverse impacts on species and habitats through human activities and development?	
	Local site or for biodiversity priority species/habitat				-ensure continuity of ecological frameworks such as river corridors, coastal habitats, uplands, woodlands and scrub to enable free passage of specific habitat dependent species?	
	Potential to enhance				- take account of the impacts of climate change on biodiversity?	
	No impact	✓	County Wildlife site (Killington Reservoir) 260m away on the other side of the M6 motorway. Bridleway runs between this area and the existing quarry.			
	Requires mitigation/ compensatory measures - Indirect adverse (site outside designated area)					
	Requires mitigation/compensatory measures for Direct adverse impact (site directly within designated area)					
7. Visual and landscape Impact	Site not likely to impact on nationally designated landscape areas – Heritage Coasts, Areas of Outstanding Natural Beauty and National Parks	✓✓		NR4 – Manage mineral resources sustainably and minimise waste EN2 – To preserve, enhance and manage landscape quality and character for future generations EN3 – To improve the quality of the built environment	Will the option: - protect local landscape quality, distinctiveness and character protected from unsympathetic development? - maintain the remoteness and tranquility of landscapes? - protect the appearance of world heritage sites, designated archaeological sites, historic parks and gardens, battlefields and their settings? - protect areas of high archaeological and historic landscape sensitivity?? - factor in anticipated impacts of extreme weather events on landscape character and other valued assets? - conserve features of historic and architectural importance? - promote energy efficiency, the use of locally sourced materials and low impact operation?	
	Site likely to adversely impact on nationally designated landscape areas					

Site Assessments and Maps

Site selection criteria	Description/ Characteristic	Score	Comment/ Explanation/ Issues	Relevant SA Objectives	SA Criteria	Relevant MWDF Policies
8. Economic Potential	Likely to be part of, or aid regeneration and/or safeguard jobs	✓✓	Continued supply of aggregates to the regional economy and safeguarding direct jobs.	NR4 – Manage mineral resources sustainably and minimise waste	Will the option: - stimulate private sector investment – generally and within the waste management sector? - stimulate economic diversification? - stimulate innovation and research?	
	Demonstrable adverse impact on inward investment			EC1 – To retain existing jobs and create new employment opportunities EC2 – To improve access to jobs EC3 – To diversify and strengthen the local economy		
9. Safeguarding	Not affecting safeguarding procedures/zones*			No directly related SA objectives	No directly related SA criteria	
	Conflict with safeguarding procedures/zones	?	Kendal - Lancaster Canal consultation area for British Waterways (Killington Reservoir) - impacts considered unlikely.			
Summary of overall assessment: An important source of high specification roadstone with direct access to M6. The public bridleway between this site and the existing quarry and visual impact would be issues for a planning application. A preferred Area of Search.						