

## Cambridgeshire and Peterborough Minerals and Waste Site Specific Proposals

List of Recommended Changes to the version presented to  
Cabinet on 12<sup>th</sup> October 2009

The recommended amendments fall into two categories. Amendments to mapped features and amendments to the Site Implementation sections arising from the Sustainability Appraisal outcome.

The changes are tabled separately below.

<b>Amendments to Mapped Features</b>		
<b>Page</b>	<b>Ref</b>	<b>Suggested Amendment</b>
Please note there are no recommended amendments to any proposed site boundary for mineral extraction or waste management in Peterborough. The changes below relate to the boundaries of consultation areas or safeguarding areas.		
<b>Mineral Consultation Areas (MCA)</b>		
69	M9X	Pode Hole MCA - Amend MCA boundary to follow property and road lines
116	M9A	Bainton MCA - Amend MCA boundary to follow property and road lines
117	M9F	Cooks Hole MCA – Amend map to show extent of adjacent permitted sites and amend MCA to incorporate permitted sites (see p220 for example of presentation style)
128	M9AG	Thornhaugh 1 MCA - Amend map to show full extent of permitted quarry and the extent of adjacent permitted sites. Amend MCA to incorporate permitted sites (see p220 for example of presentation style)
<b>Waste Consultation Areas (WCA)</b>		
152	W8R	Dogsthorpe WCA - Amend WCA boundary to follow property and road lines
169	W8AL	Maxey WCA - Amend WCA boundary to follow property and road lines
190	W8BE	Storey's Bar Road WCA - Amend WCA boundary to follow property and road lines
195	W8BI	Thornhaugh II WCA - Amend map to show the extent of adjacent proposed sites and extent of permitted landfill site. Amend WCA to incorporate permitted and proposed sites (see p220 for example of presentation style)
198	W8BJ	Thornhaugh IIB WCA - Amend map to show the extent of adjacent proposed sites and extent of permitted landfill site. Amend WCA to incorporate permitted and proposed sites.
211	W8BI	Cooks Hole WCA - Amend map to show the extent of adjacent proposed sites and extent of permitted landfill site. Amend WCA to incorporate permitted and proposed sites.
220	W8BH	Thornhaugh I WCA - Amend map to show the extent of adjacent proposed sites and extent of permitted landfill site. Amend WCA to incorporate permitted and proposed sites.
288	W8S	Dogsthorpe Landfill WCA – Delete. The extent of the WCA is already shown as W8R on page 152.
325	T2B	Bourges Boulevard Rail Sidings Safeguarding Area - Amend boundary to follow property and road lines.
<u>Omission from Cabinet version 12 October 2009</u>		
It has been noted the waste consultation area at Southorpe inert landfill site was not shown. This error has since been amended. The Southorpe WCA will appear in the Submission version. Page 125 shows the MCA which has an identical boundary.		
<b>Mineral Safeguarding Areas</b>		
The Minerals and Waste Site Specific Proposals document presented to Cabinet on 12 <sup>th</sup> October show the extent of Limestone, Sand and Gravel, and Brick Clay mineral resources to be safeguarded. The safeguarding areas covered sites which have been quarried and later used for landfill or alternatively restored to water / biodiversity features. The geographical extent of such previously quarried sites has been noted and the areas removed from the Mineral Safeguarding Areas (MSA) maps.		
Further geological assessment of the extent of the brick clay resource within the Whittlesey area has provided evidence to amend the MSA boundary within close proximity to the brickworks and the Kings Delph site proposal for brick clay extraction.		

### Amendments to Site Implementation sections

Page	Site Ref	Suggested Wording amendment
<p>Feedback from the Sustainability Appraisal has highlighted the need to strengthen the Site Profile Implementation Sections. This has required cross referencing each site assessment to ensure all appropriate implementation issues are reflected in the Site Profile Implementation Section.</p> <p>A Site Profile exists for each of the preferred options sites proposed for allocation. The Peterborough Site Profiles amendments are set out below.</p>		
<b>67</b>	<b>M1E</b> Approximate Timescale Year	<p><b>Maxey (Mineral)</b></p> <p>Amend to read as follows <i>italic text = new text</i> Extraction expected to commence in <del>2040</del> 2012 and last for approximately 15 years</p>
	Site characteristics	<p>Add following bullet points</p> <ul style="list-style-type: none"> <li>- Eastern part of site within Flood Zone 3</li> <li>- Site is archaeologically rich</li> </ul>
	Implementation issues	<p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- That part of the quarry that lies to the east of Etton Road is within flood zone 3 and, therefore, a flood risk assessment will be required and any potential effects mitigated to ensure that if inert waste landfill is proposed as part of the reclamation proposals it can be accommodated.</li> <li>- Measures are required to address any potential health and amenity issues for residents living in the vicinity of the quarry and on users of public rights of way</li> <li>- Reclamation of the site will be to agriculture with opportunity taken for additional tree planting, biodiversity enhancement and for improving public access.</li> <li>- Reclamation should be to agriculture with opportunity taken for additional tree planting, biodiversity enhancement and improving public access</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- The same site entrance, <i>off Maxey Road</i>, and plant site is required to be used for the mineral extraction. <i>Consideration will need to be given to the use of this access for the importation of inert waste to reclaim that part of the quarry east of Etton Road or whether it would be more appropriate to agree an alternative access point.</i></li> </ul>
<b>69</b>	<b>M1F</b> Site Characteristics	<p><b>Pode Hole</b></p> <p>Add following bullet points</p> <ul style="list-style-type: none"> <li>- South eastern part of site lies within Flood Zones 2 and 3a</li> <li>- 132,000 volt overhead power line traverses the site</li> </ul>
	Implementation Issues	<p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Opportunity should be taken within the restoration scheme to provide nature conservation benefits on the eastern side of Cats Water Drain. This would be similar to that already provided on the western side of the Drain as part of the restoration proposals for the landfill (southern extension) at Eyebury Quarry. <i>Creation or enhancement of Biodiversity Action Plan habitat particularly within and alongside the ditches will be encouraged.</i></li> </ul> <p>Add following bullet point</p> <ul style="list-style-type: none"> <li>- Measures are required to address any potential health and amenity issues for residents living in the vicinity of the site and for users of public rights of way and walkers and cyclists using Willow Hall Lane.</li> </ul>
<b>150</b>	<b>W1H , W2C, W4B</b> Site Characteristics	<p><b>Cross Leys Quarry, Wittering</b></p> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Former ironstone quarry. Limestone originally thrown back as waste has been quarried as well as quarrying of previously unworked limestone.</li> </ul> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Great Crested Newts have been identified within the quarry</li> <li>- Within an area of Best Landscape value</li> <li>- Within flood zones 2 and 3</li> </ul>

		<ul style="list-style-type: none"> <li>- Three listed buildings (grade II) within 500-1000m of the site</li> <li>- Flood Zone 1.</li> </ul>
	Implementation Issues	<p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- An Environmental Impact Assessment will be required to address, as a minimum, hydrology, landscape and nature conservation issues including impact on protected species.</li> </ul> <p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- A Traffic Assessment will be required.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- A hydrological assessment will be required <i>as the site is on a major aquifer (groundwater vulnerability issues) and there are streams and drains adjacent and near to the site. Additionally there are a number of abstraction points in the vicinity from which local residents obtain drinking water.</i></li> </ul> <p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- A flood risk assessment may be required.</li> </ul> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Landscape assessment required to take into account updated landscape character assessment;</li> <li>- Measures are required to address any potential health and amenity issues for any residents living in the vicinity of the quarry and on users of public rights of way in the locality;</li> <li>- The reclamation of the site should be for agriculture but incorporating additional tree planting and biodiversity enhancement - and, in particular, making provision for the Great Crested Newt population within the approved scheme.</li> </ul>
152	W11 Site Characteristics	<p><b>Dogsthorpe</b></p> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Flood Zone 1</li> <li>- Rising water main within site allocation</li> <li>- Site is proximate to Star Pit SSSI</li> </ul>
	Implementation Issues	<p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- Any waste management development proposal will need to demonstrate that there is no adverse impact on Star Pit SSSI by airborne or waterborne pollutants.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Any dust, odour, noise, litter, light pollution and vermin issues must be identified and addressed to ensure that any potential amenity or health impacts <i>on local residents</i> are effectively mitigated and minimised by good design and enclosure of facilities.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- New waste management development including a Household Recycling Centre is expected to be enclosed within a building to reduce the likelihood of impact on the surrounding area. <i>The building should be built to a high standard of design in accordance with the 'Design and Location of Waste Management Facilities' Supplementary Planning Document (SPD).</i></li> </ul> <p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- The spinney should be retained in the western corner of the site as part of any development scheme to provide landscaping and screening and because it is likely to have developed nature conservation interest.</li> </ul>
163	W1N Approximate Timescale Year	<p><b>Hampton</b></p> <p>Add '2010' into to read '2010-2015'</p>
	Site Characteristics	<p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- Flood Zone 1</li> </ul>

	Implementation Issues	<p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- An assessment will be required of the potential impact of any proposed development on the Pump House Pit County Wildlife site to the south of the site or one Orton Pit SSSI to the west and mitigation measures must be set out to demonstrate that any potential adverse impacts on wildlife (particularly the common lizard and great crested newt) or wildlife habitat can be ameliorated.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Any HGV traffic associated with the proposal should be routed away from residential areas <i>towards Fletton Parkway</i></li> </ul> <p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- Measures are required to address potential health and amenity issues for the future occupiers of housing development proposed to the north west of the site, users of the playing field proposed to the west of the site beyond the railway line, users of the right of way and other nearby sensitive receptors.</li> </ul>
170	W1Q / W2D Site Characteristics	<p><b>Maxey East (Inert waste landfill and recycling)</b></p> <p>Amend to read as follows <i>italic text = new text</i> The site is adjacent to <i>an</i> existing active quarry</p> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Site is located on 2 minor aquifers but no source protection zones</li> <li>- Most of the site is within Flood Zone 3</li> <li>- The site is of considerable archaeological value</li> </ul>
	Implementation Issues	<p>Add following bullet point:</p> <ul style="list-style-type: none"> <li>- Depending on the volume and extent of infill proposed an Environment Impact Assessment may be required</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Flood Risk Assessment will need to be completed <i>as the site is within Flood Zone 3. Mitigation measures should be proposed to accommodate any issues raised. It is unlikely that landfill will be permitted that raises ground levels above that of the surrounding land.</i></li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- The same site entrance, <i>off Maxey Road</i>, and plant site is required to be used <i>for the mineral extraction. Consideration will need to be given to the use of this access for the importation of inert waste to reclaim that part of the quarry east of Etton Road or whether it would be more appropriate to agree an alternative access point if this occurs when the existing quarry and the southern extension have been completed or largely completed and the continued use of the access would prevent the completion of the reclamation of the majority of the quarry.</i></li> </ul> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- The impact of noise and dust from landfill and recycling operations on the users of the A15 and Maxey Road, local residents, visitors to the restored quarry area or users of rights of way needs to be considered and mitigation measures put in place to minimise its impact and to safeguard health and amenity.</li> <li>- A Flood Risk Assessment will be required</li> <li>- Reclamation of the site should be to agriculture but with opportunity taken for additional tree planting, for biodiversity enhance and for improving public access.</li> </ul>
191	W1AA Site Characteristics	<p><b>Land off Storey's Bar Road, Fengate</b></p> <p>Add following bullet points</p> <ul style="list-style-type: none"> <li>- Sites lies within flood zones 2 and 3</li> <li>- Consent granted by the Secretary of State for Energy and Climate Change in November 2009 for an Energy Park</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p>

	Implementation Issues	<p>- Adjacent to Peterborough power station - <i>high pressure gas pipeline runs through site and 132 volt overhead power line traverses the site.</i></p> <p>Add following bullet points</p> <ul style="list-style-type: none"> <li>- An Environment Impact Assessment will be required to include, as a minimum, hydrological, landscape and nature conservation issues</li> <li>- The site layout will need to take account of the constraints posed by the high pressure gas pipeline and over head power line.</li> <li>- Measures are required to address any potential amenity impacts on residents living in the vicinity of the site, users of public rights of way in the locality and on visitors to Flag Fen Bronze Age site.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Site lies within the Padholme Catchment and there is an unacceptable risk of flooding from a greater than 1 in 50 year event. A Strategic Flood Risk Assessment <i>will</i> be required to identify and quantify the flood risks involved and the requirements for mitigation measures. It is likely that a contribution will be required towards the overall flood protection scheme for the Padholme Catchment area (Fengate industrial estate). Development of the site should not take place without appropriate mitigation measures in place.</li> <li>- Protected species within or close to the site (water voles) - <i>with nearby ditches providing opportunity for biodiversity habitat and species enhancement.</i></li> <li>- An archaeological assessment <i>will</i> be required as this is an area of significant archaeological interest and is close to Flag Fen. It will need to be demonstrated that any development does not adversely both impact on the archaeological remains present at Flag Fen and on the activities at Flag Fen as a tourist facility</li> <li>- A hydrological assessment will be required as situated above a minor aquifer. No source protection zones. <i>The assessment will also be required to demonstrate that any development proposed will not result in the dewatering of the archaeological remains at Flag Fen. Long term hydrological monitoring will be required in this respect.</i></li> <li>- A landscape and visual assessment will be required. Development of the site will form an extension to the industrial area and will be viewed in context of the adjacent power station. Nevertheless it <i>will</i> still be obtrusive in the context of the flat arable fens and landscape screening needs to take this into account.</li> <li>- A traffic assessment will be required and it is likely that improvements will be needed to the access into the site. <i>Vehicles should be routed away from residential areas wherever practicable and towards strategic highways.</i></li> </ul>
195	W1AC / W2E Site Characteristics	<p><b>Thornhaugh II</b></p> <p>Amend to read as follows <i>italic text = new text</i>  There is some remaining limestone to be extracted <i>mainly at the eastern side of the site</i> and stockpiles of mineral on the site</p> <p>Add following bullet points</p> <ul style="list-style-type: none"> <li>- There is an existing access off the A47.</li> <li>- Remains of a medieval village and Siberton Lodge, a listed building, lie to the north of the A47.</li> <li>- Site within an area of best Landscape</li> <li>- Flood Zone 1</li> <li>- Site is located on a major aquifer</li> <li>- Site partially lies within flood zones 2 and 3</li> <li>- Footpath crosses site</li> <li>- High pressure gas pipelines run in close vicinity of the site</li> </ul>

	Implementation Issues :	<p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Measures <i>required</i> to protect/ <i>translocate</i> protected species (great crested newts)</li> </ul> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Hydrological assessment required to ensure that there are no groundwater pollution issues as a result of landfill</li> <li>- Flood Risk Assessment required</li> <li>- Consideration needs to be given to the type and proximity of pipelines within or close to the site in an scheme</li> <li>- Consideration needs to be given to the potential impact on the historic environment including listed buildings in the vicinity of the quarry and measures put forward, if necessary, to ensure that there are no adverse effects</li> <li>- The reclamation of the site should be for agriculture but incorporating additional tree planting and biodiversity enhancement - and, in particular, making provision for the Great Crested Newt population within the approved scheme. In drawing up the scheme particular consideration needs to be given to ecological sensitivity, visual impact and soil reserves present on site and on improving public access.</li> </ul>
198	W1AD / W2F Site Characteristics	<p><b>Thornhaugh IIB, Bullimore's</b></p> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- No access will be permitted off Kings Cliffe Road.</li> <li>- Remains of a medieval village and Siberton Lodge, a listed building, lie to the north of the A47.</li> <li>- Site within an area of Best Landscape and is highly visible from the A47.</li> <li>- A high pressure gas transmission pipeline crosses the site</li> </ul>
	Implementation Issues	<p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Measures are required to address any potential health and amenity issues for residents living in the vicinity of the quarry and on users of public rights of way including consideration of noise and dust resulting from the operations</li> <li>- Reclamation of this site incorporating inert fill needs to be developed in conjunction with the remainder of the Thornhaugh II Quarry.</li> <li>- A Traffic Assessment will be required</li> <li>- Consideration needs to be given to the potential impact on the historic environment including listed buildings in the vicinity of the quarry and measures put forward, if necessary, to ensure that there are no adverse effects</li> <li>- Consideration needs to be given to the type and proximity of pipelines within or close to the site in an scheme</li> <li>- A hydrological assessment will be required due to groundwater pollution concerns as the site is located on a major aquifer</li> <li>- The reclamation of the site should be for agriculture but incorporating additional tree planting and biodiversity enhancement within the approved scheme. In drawing up the scheme particular consideration needs to be given to ecological sensitivity, visual impact and soil reserves present on site and on improving public access.</li> </ul> <p>Amend bullet points to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Access must be from the A47 not the Kings Cliffe Road. <i>Consideration should be given to the possibility of access to this site on to the A47 being combined with that for Thornhaugh II quarry to the west.</i></li> <li>- It is likely that surveys will need to be undertaken for the presence or otherwise of Great Crested Newts <i>and mitigation measures put forward to protect them either in situ or by translocation</i></li> </ul>
202	W1AF Site Characteristics	<p><b>West of Peterborough</b></p> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- An area of search within a larger area that has permission for clay extraction but which is being considered for residential and commercial development known as Great Haddon. <i>An area of 2-3ha to be identified for waste management purposes within the Area of Search.</i></li> </ul>
	Implementation Issues	<p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- A Traffic Assessment will be required</li> <li>- A right of way is within the area of search and if it is affected by the proposal it will need to be mitigated</li> <li>- Measures are required to address any potential health and amenity issues for residents living in the vicinity of the site, workers in nearby</li> </ul>

		<p>industrial units or users of the right of way.</p> <p>Amend bullet points as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- Access will need to be provided for any potential site from the junction 1</li> <li>- Any development will need to take account of the proximity of Orton Pit SAC and mitigation measures put in place, if necessary, <i>to ensure no adverse impact by waterborne or airborne pollutants especially on Stoneworts or Great Crested Newts</i></li> <li>- Further investigations will need to include a consideration of airborne pollutants, particulates and litter. Proposals will need to demonstrate no impacts <i>or that appropriate mitigation measures can be put in place.</i></li> <li>- Consideration will need to be given to queueing provision that may be required for cars/vehicles waiting to access the <i>Household Recycling Centre if it is developed in this location.</i></li> </ul>
211	W2A Site Characteristics	<p><b>Cooks Hole Quarry</b></p> <p>Amend bullet point to read as follows <i>italic text = new text</i> Bedford Purlieus SSSI/NNR lies to the west</p> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Remains of a medieval village and Siberton Lodge, a listed building, lie to the north of the A47</li> <li>- Site is within an area of Best Landscape</li> </ul>
	Implementation Issues	<p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Measures are required to address any potential health and amenity issues for residents living in the vicinity of the quarry and on users of public rights of way including consideration of noise and dust resulting from the operations</li> <li>- Reclamation of this site incorporating inert fill needs to relate to what has taken place or is proposed at Thornhaugh 1 quarry to the west and what may be proposed at Thornhaugh 11 quarry to the east.</li> </ul> <p>Amend bullet point to read as follows <i>italic text = new text</i></p> <ul style="list-style-type: none"> <li>- It is likely that surveys will need to be undertaken for the presence or otherwise of Great Crested Newts <i>and mitigation measures put forward to protect them either in situ or by translocation</i></li> </ul> <p>Add following bullet points:</p> <ul style="list-style-type: none"> <li>- Consideration needs to be given to the potential impact on the historic environment including listed buildings in the vicinity of the quarry</li> <li>- A landscape assessment will be required to ensure that the impact of operations on the surrounding area is mitigated and that the site can be assimilated into the surrounding area as a result of the reclamation.</li> <li>- The reclamation of the site should be for agriculture but incorporating additional tree planting and biodiversity enhancement. In drawing up the scheme particular consideration needs to be given to ecological sensitivity, visual impact and soil reserves present on site and on improving public access.</li> </ul>

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