





Minerals and Waste Joint Plan

# Safeguarding of Waste Infrastructure

**April 2017** 

City of York Council North York Moors National Park Authority North Yorkshire County Council

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#### 1. Background and context

The plan is required to make provision for dealing with all types of waste, responding to national policy for managing waste as a resource and moving waste up the waste hierarchy, including providing sites to deliver new facilities with capacity to deal with waste in the Plan area.

As some waste developments are relatively 'low value' land uses, established facilities or sites may be vulnerable to displacement by other land uses. To help avoid their loss, which may result in new or increased capacity gaps forming for some facility types, the Plan should protect essential waste infrastructure. This will help ensure that a waste management facility network adequate to meets the needs of the Plan area can be maintained.

These facilities can be protected through the process of safeguarding. Safeguarding protects the existing or proposed waste facilities from being developed for an alternative non-waste use, without there being an opportunity to consider the impact of loss of the facility. It can also help ensure that any new development proposed in proximity to the waste sites would not be incompatible with the waste management activity taking place on the site.

So that safeguarding can be effective it is essential to establish what constitutes a strategically important waste management facility in the context of the Joint Plan area. As there are a large number of waste management facilities in total in the Plan area, and a lack of good quality information about the role of some of them, it is considered that a targeted approach may be appropriate. Through a review of existing evidence base documents and consideration of consultation responses received in relation to previous consultation activity, several different types of waste facilities have been identified for safeguarding.

Justification for identifying the types of facilities and the thresholds used is detailed below, with further information on the development of policy for waste safeguarding available in the Progression to Preferred Options Proforma for draft Policy ID53 'Waste Management Facility Safeguarding' accompanying the Preferred Options consultation of the Joint Plan.

This Safeguarding of Waste Infrastructure Paper brings together a range of evidence sources, all of which were publically available at Publication Stage of the Minerals and Waste Joint Plan (November 2016).

#### 2. Policy

The National Planning Policy for Waste (NPPW), published October 2014, sets out the Government's ambition to work towards a more sustainable and efficient approach to resource use and management. Paragraph 8 of the NPPW states:

*"8. When determining planning applications for non-waste development, local planning authorities should, to the extent appropriate to their responsibilities, ensure that:* 

 the likely impact of proposed, non-waste related development on existing waste management facilities, and on sites and areas allocated for waste management, is acceptable and does not prejudice the implementation of the waste hierarchy and/or the efficient operation of such facilities;"

To ensure that Local Planning Authorities within the Plan area take account of significant existing waste management infrastructure and sites allocated for that purpose, these sites need to be identified and defined. The approach to this for the purposes of the Joint Plan is described in the next section.

## 3. Waste Infrastructure Safeguarding Criteria

To ensure that safeguarding of waste infrastructure is effective it is essential to establish what constitutes a strategically important waste management facility in the context of the Joint Plan area. The Yorkshire and Humber Waste Position Statement (July 2014), produced jointly by all Waste Planning Authorities in the Yorkshire and Humber area to assist with coordination in waste planning, identifies strategically important waste management infrastructure within the Yorkshire and Humber area. This Statement identifies waste treatment facilities with an EA permit capacity exceeding 75,000 tpa as well as major energy recovery capacity (excluding biomass combustion plants) and major landfill sites for non-inert waste as being strategically significant for the Yorkshire and Humber area. A number of such facilities fall within the boundary of the Joint plan area and are proposed to be safeguarded in the Plan.

Whilst these facilities provide (or are expected to provide) an important role in the waste management network of the Plan area, it is also appropriate to identify other types of facility which, although they may manage lower volumes of waste, could be considered as strategically important to the delivery of the Plan due to the specialist nature of the facility or the nature of the waste they manage. As there are a large number of waste management facilities in total in the Plan area, and a lack of good quality information about the precise role played by some of them (for example sites exempt from environmental permitting), it is considered that a targeted approach would be appropriate. In particular, it is considered appropriate to give priority to safeguarding facilities which manage hazardous or non-inert waste rather than those dealing with inert waste, as the former may be more difficult to provide. In addition, it is considered appropriate to give priority to safeguarding recycling, composting and treatment facilities as well as a number of other facility types which are either scarce or more specialised in nature, rather than transfer facilities (other than for transfer of hazardous waste and local authority collected waste) which are more prevalent in the area.

The waste capacity model database developed as part of the evidence base for the Joint Plan can be used to help identify those facilities which are considered to be strategically significant sites within the Plan area for the purposes of safeguarding.

The following landfill site types are proposed to be safeguarded in the Joint Plan:

- Restricted/Specialist Landfill: These sites manage the ash residues generated by the large scale and strategically important power generators located in, or immediately adjacent to, the Plan area Drax, Eggborough and Ferrybridge Power Stations;
- Non-hazardous Landfill: There has been a decline in the number of operational landfill sites for non-hazardous waste in the Plan area in recent years and remaining capacity is concentrated in a limited number of sites.

The following Waste Transfer site types are proposed to be safeguarded in the Joint Plan:

- Hazardous Waste Transfer Stations: Transfer stations provide a valuable component in the overall waste management infrastructure within the Joint Plan area. There are a large number of transfer stations in the Plan area but only a small proportion of them have the capability to manage hazardous waste. As a significant amount of hazardous waste arising in the Plan area is treated or disposed of at facilities outside the Plan area, transfer stations for hazardous waste provide an important role in the bulking and transporting of such wastes to the appropriate facilities;
- Waste Transfer Stations that manage Local Authority Collected Waste (LACW): Similar to hazardous transfer stations, the network of transfer stations for the reception, bulking and transport of LACW waste is important as they will play a key role in the bulking and transfer of residual waste for management at the Allerton

Waste Recovery Park facility (the main management facility for residual LACW arising in the Plan area), as well as in the onward transfer of materials for recycling at reprocessing facilities outside the Plan area.

The existing Household Waste Recycling Centres (HWRC) provide an important network of facilities for the local receipt and transfer of LACW waste to treatment, disposal or reprocessing facilities, sometimes located outside the Plan area. Although the evidence indicates that there is adequate provision of these facilities, due to the fact that they are often located on industrial sites and business parks alongside a wide range of other types of development, and often relatively close proximity to residential areas, they are often vulnerable to encroachment from other potentially incompatible developments. It is therefore appropriate to propose safeguarding these facilities.

A number of other facilities exist or are permitted within the Plan area which are important due to their specialised nature or strategic role and are therefore proposed to be safeguarded in the Joint Plan:

- Energy recovery facilities;
- Anaerobic Digestion facilities with a capacity over 24,000 tpa;
- Composting facilities with a capacity over 5,000 tpa.

In accordance with paragraph 8 of the NPPW it is also appropriate to safeguard any allocations for waste facilities included in the Joint Plan.

In some cases, the introduction of other forms of development in close proximity to established or allocated waste uses, can lead to conflict given the potential for impacts on local amenity due, for example, to noise, dust odour or bioaerosols. Whilst it is not possible to identify all such forms of development exhaustively, they include residential uses and also commercial and industrial uses that depend on a high quality local environment (for example within the food and health care sectors). The identification of a buffer zone around safeguarded waste facilities ensures that the potential for such impacts can be properly taken into account, whilst also recognising the importance of allowing the waste facility to continue to operate. As a range of types and scales of development could be associated with waste management activity, it is not practicable to define individual buffer zones for each facility. A 250m buffer zone reflects a balance between ensuring that the potential for significant impacts arising from some waste uses is allowed for, whilst limiting the extent to which consultation for safeguarding purposes is required. It is also consistent with the Environment Agency's restrictions on open composting of waste taking place within 250m of sensitive receptors (typically residential properties or workplaces) which is detailed in an EA Position Statement 'Composting and potential health effects from bioaerosols' (November 2010).

### 4. Waste Infrastructure Safeguarding Schedule and Maps

#### 4.1 Preferred Options (November 2015)

The waste sites below were proposed for safeguarding in the Minerals and Waste Joint Plan Preferred Options Document (November 2015). The site boundaries are shown individually below in site plans.

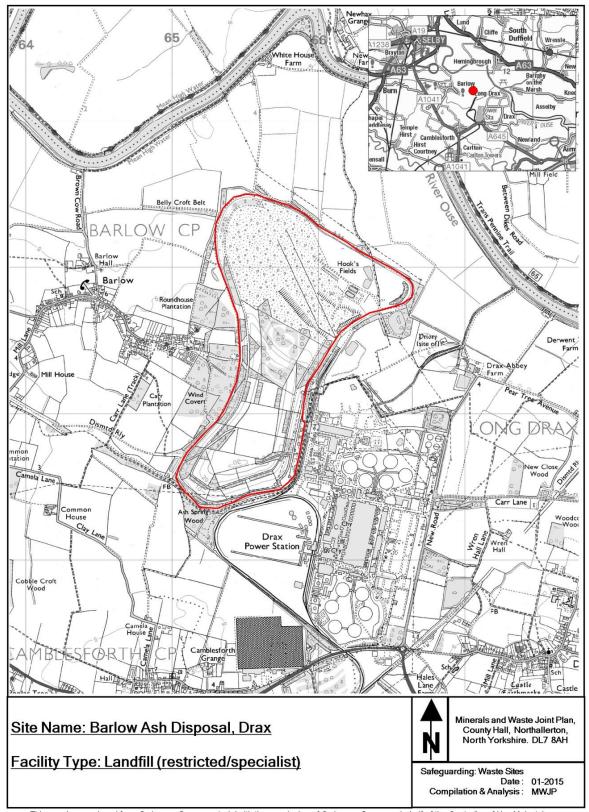
Waste site name	District	Waste dealt with
Barlow Ash Disposal	Selby	Restricted/specialist landfill
Gale Common Ash Disposal Site	Selby	Restricted/specialist landfill
Brotherton Ash disposal site	Selby	Restricted/specialist landfill
Harewood Whin	York	Non-hazardous landfill,
	TOIK	recycling, composting
	Harrogate	Non-hazardous landfill,
Allerton Park		incineration with energy
		recovery
Todds Waste Management	Hambleton	Transfer (hazardous)
Hazel Court	York	Transfer (hazardous)
Treacle Jug Farm	Harrogate	Transfer (hazardous)
Unit 8, Marsden Business Park	Harrogate	Transfer (hazardous)
Genta Environmental, Marsden	Harrogate	Transfer (hazardous)
Business Park	•	
Dean Road Depot	Scarborough	Transfer (hazardous)
Seamer Carr	Scarborough	Transfer (non-hazardous),
	<u> </u>	composting, HWRC
Tofts Road, Kirkby Misperton	Ryedale	Transfer (non-hazardous)
Halton East Works	Craven	Transfer (non-hazardous)
Whitby recycling	Scarborough	Transfer (non-hazardous)
Claro Road	Harrogate	Transfer (non-hazardous)
Hessay Recycling	York	Transfer (non-hazardous)
Tancred Transfer Station	Richmondshire	Transfer (non-hazardous)
		composting
Dalkia Bio Energy Ltd	Selby	Energy Recovery
Southmoor Energy Centre	Selby	Energy recovery
North Selby Mine	York	Anaerobic Digestion
Arbre site, Eggborough	Selby	Energy recovery
Clapham Lodge	Hambleton	Anaerobic Digestion
Park Barn Farm	Hambleton	Anaerobic Digestion
The Maltings	Selby	Composting
Knapton Quarry	Ryedale	Composting
Sandhutton Airfield	Hambleton	Composting
Catterick Bridge	Richmondshire	HWRC
Gatherley Road	Richmondshire	HWRC
Leyburn	Richmondshire	HWRC
Leeming Bar	Hambleton	HWRC
Stokesley	Hambleton	HWRC
Whitby	Scarborough	HWRC
Burniston	Scarborough	HWRC
Malton/Norton	Ryedale	HWRC
Caucklands/Thornton-le-Dale	Ryedale	HWRC

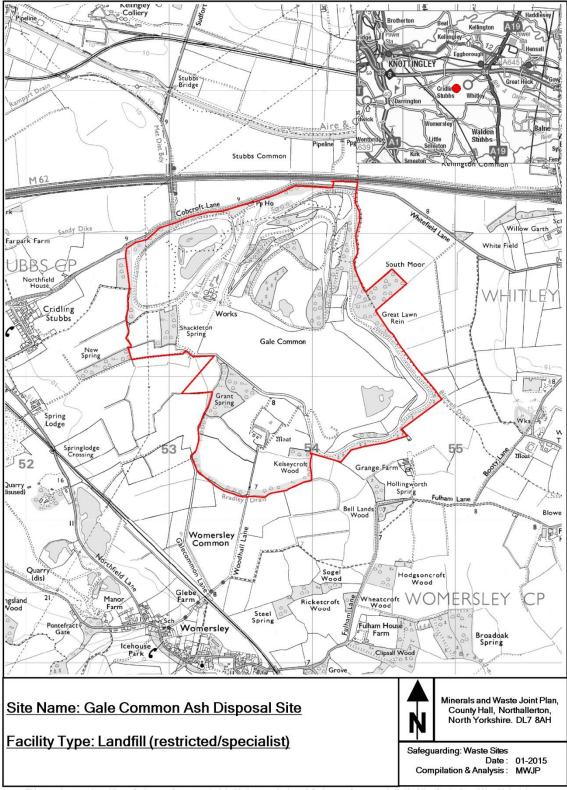
Northallerton	Hambleton	HWRC
Stonefall, Harrogate	Harrogate	HWRC
Wombleton	Ryedale	HWRC
Sowerby, Thirsk	Hambleton	HWRC
Skibeden, Skipton	Craven	HWRC
Ripon	Harrogate	HWRC
Settle	Craven	HWRC
Tadcaster	Selby	HWRC
Selby	Selby	HWRC
Tholthorpe	Hambleton	HWRC
West Harrogate	Harrogate	HWRC
Towthorpe	York	HWRC

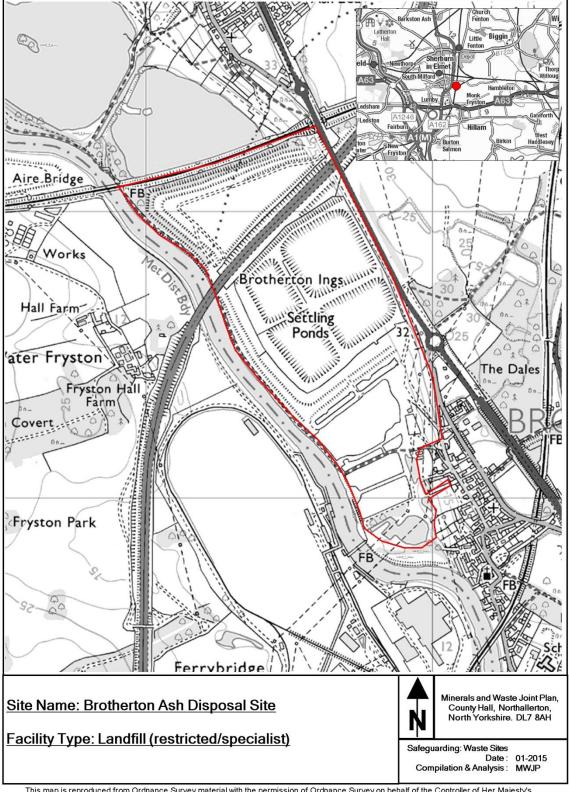
Table 1: Schedule of Waste Sites proposed to be Safeguarded in the Preferred Options Document of the Minerals and Waste Joint Plan (November 2015)

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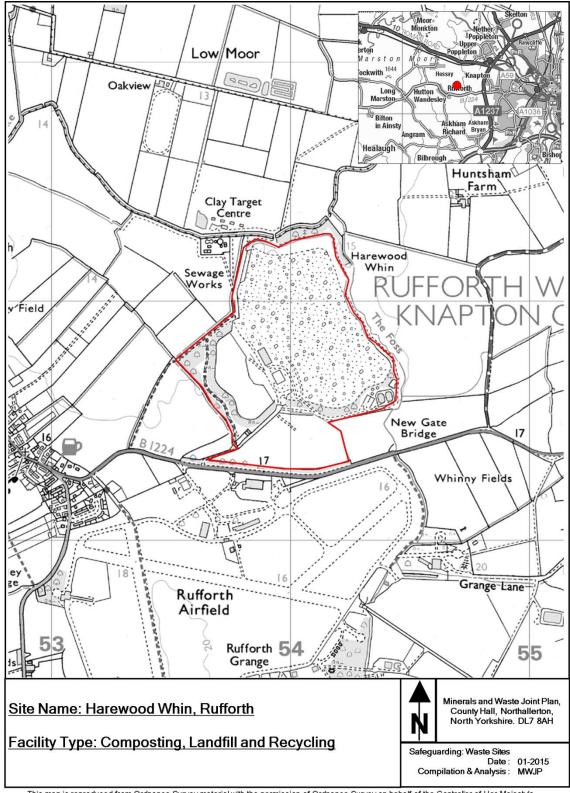
boundary or layout of site

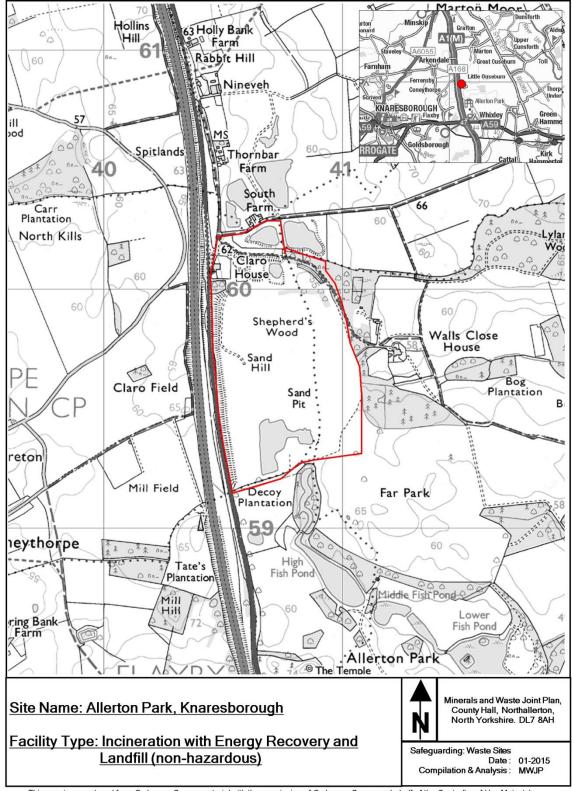


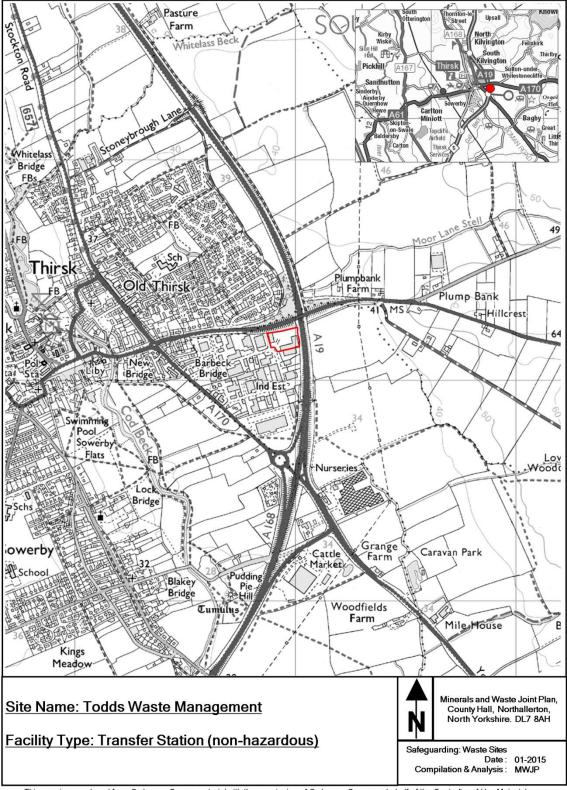


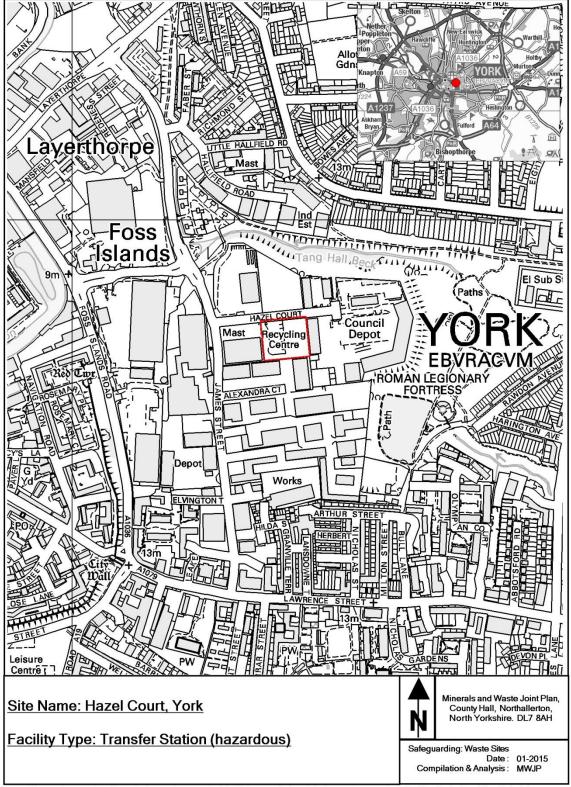


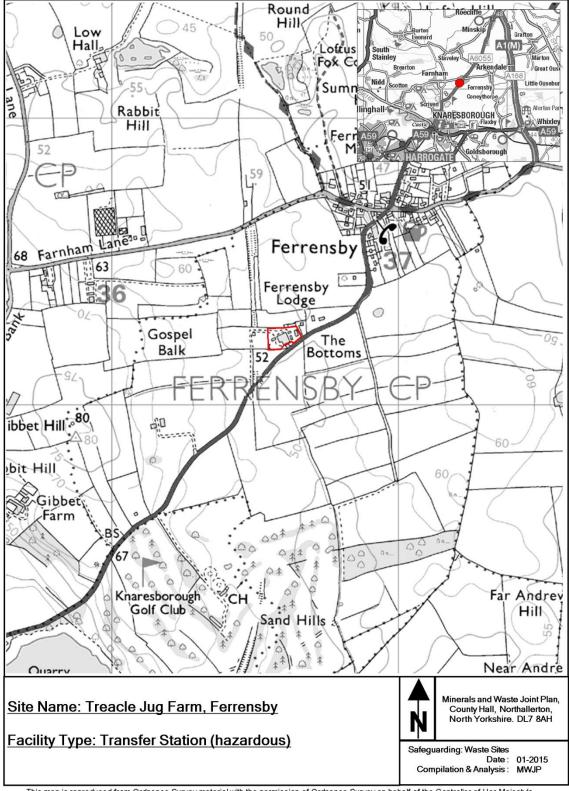
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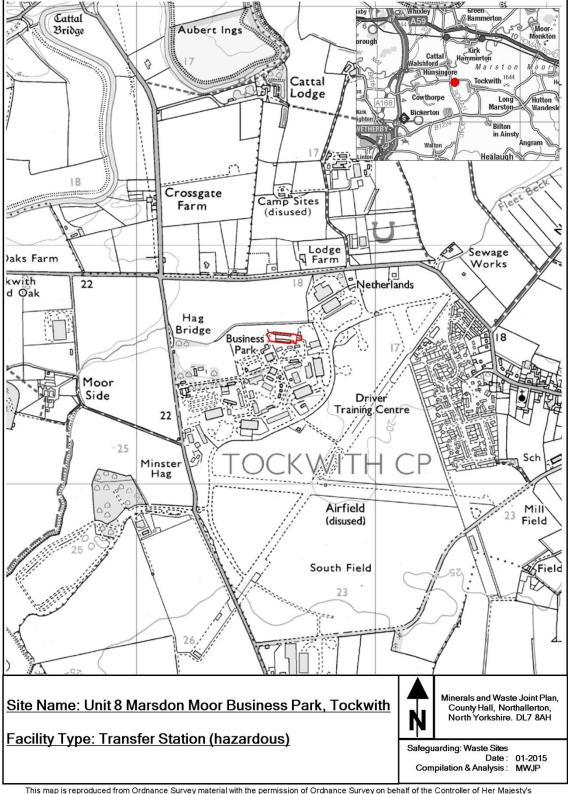


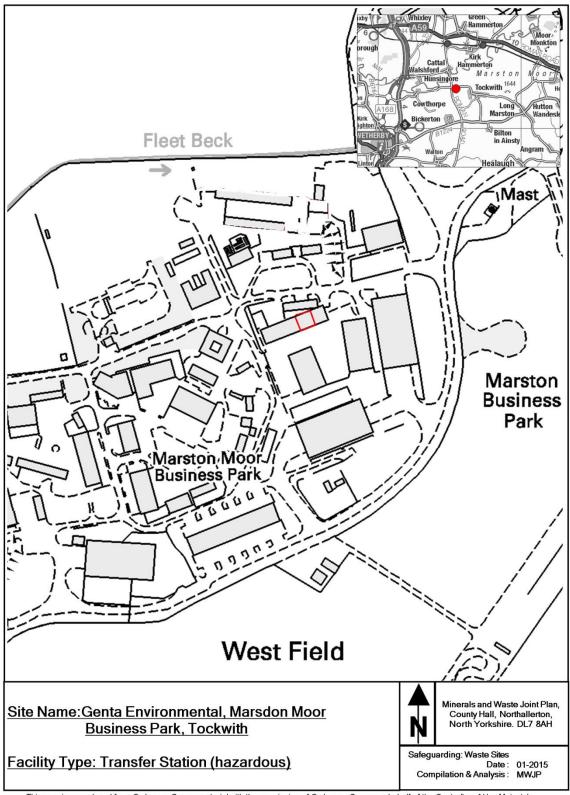


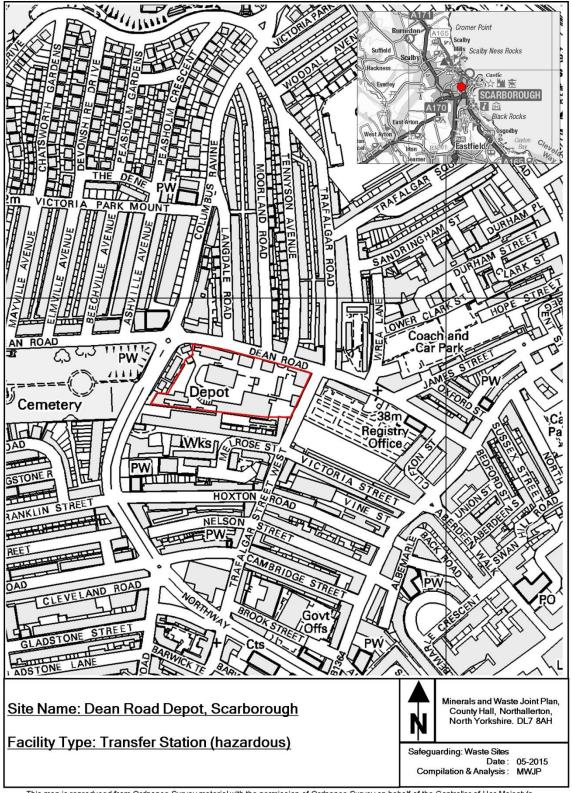


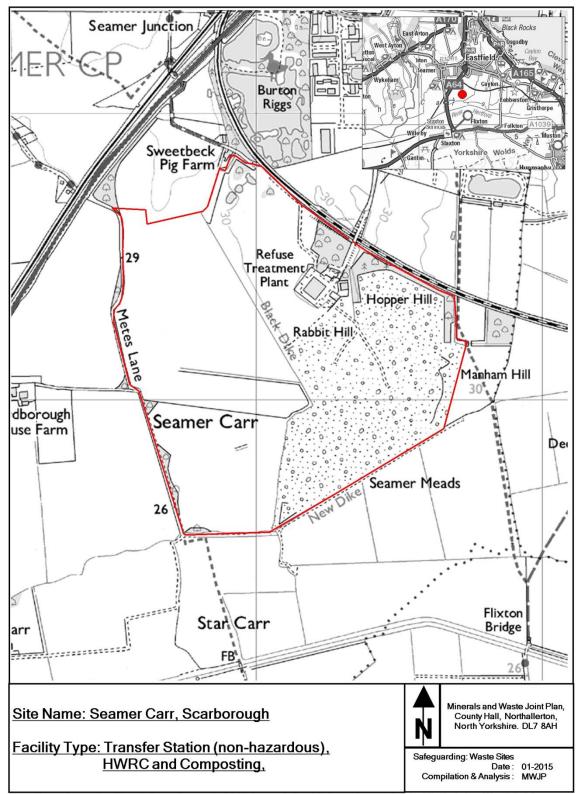


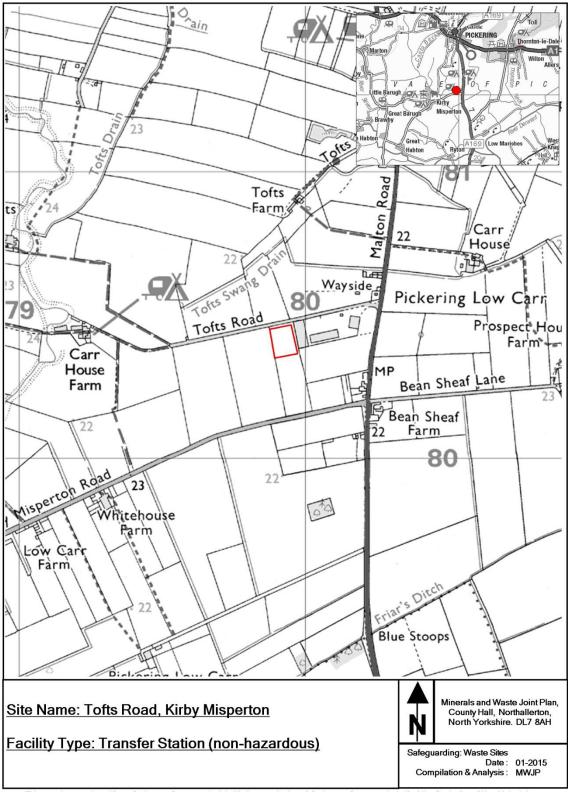


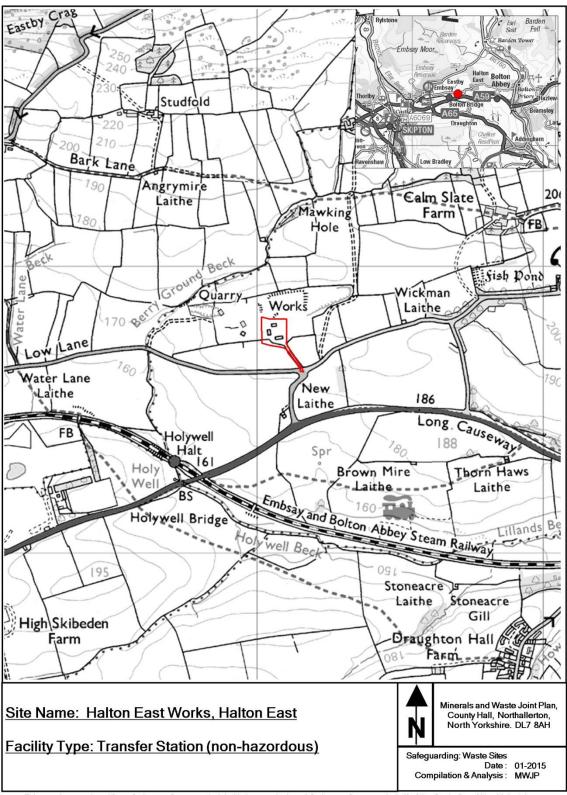


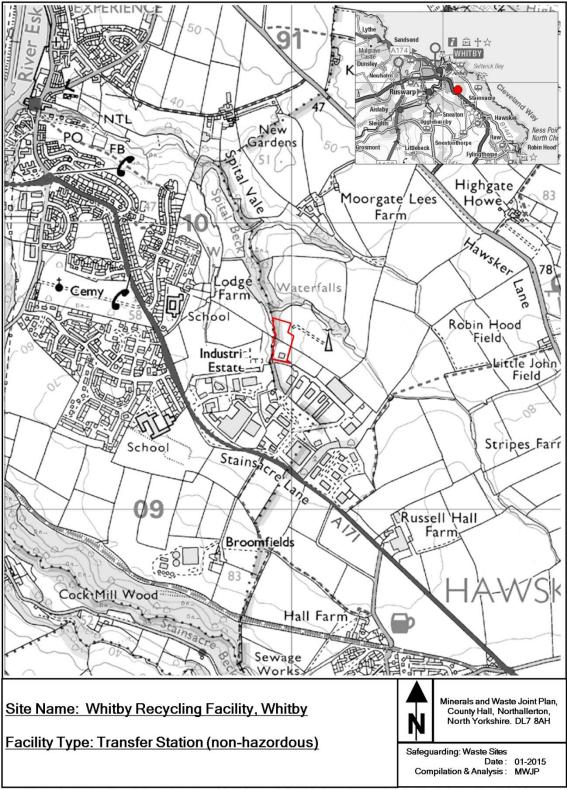


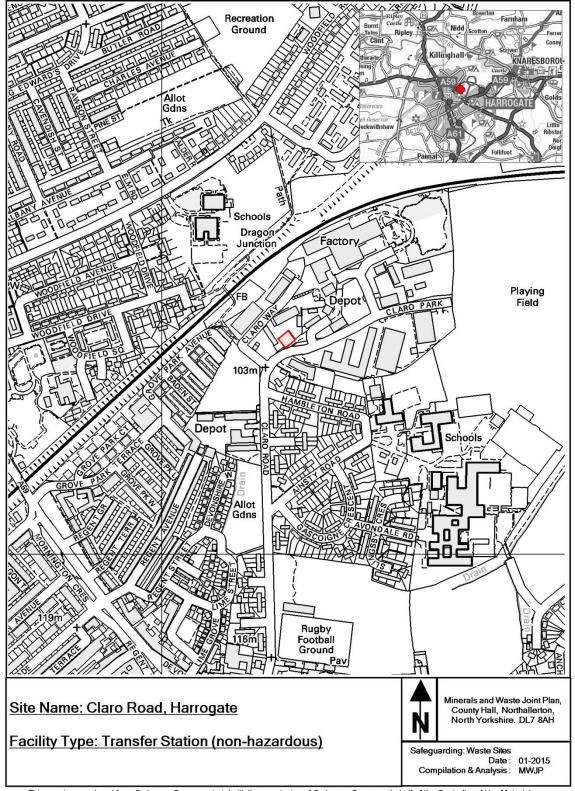


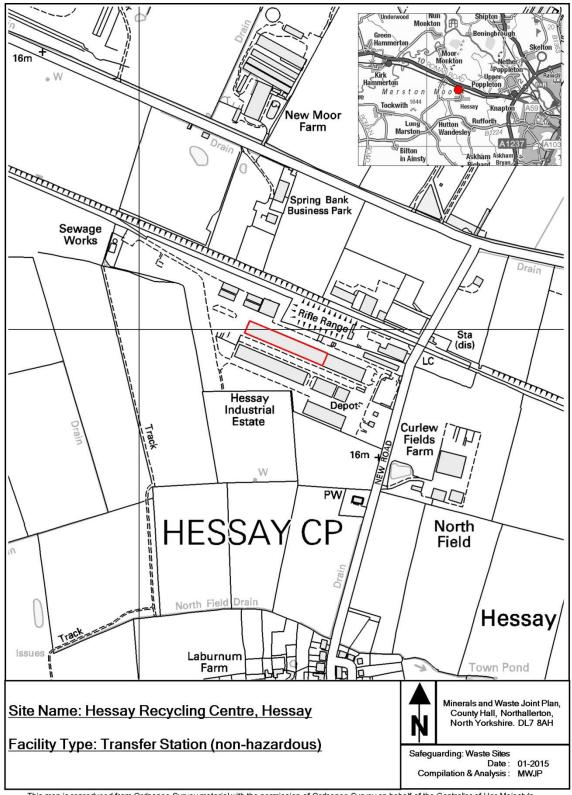


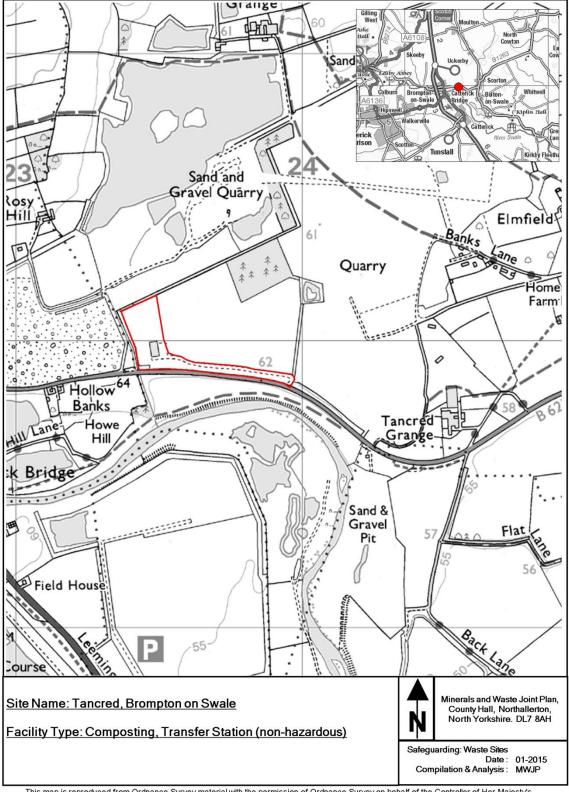


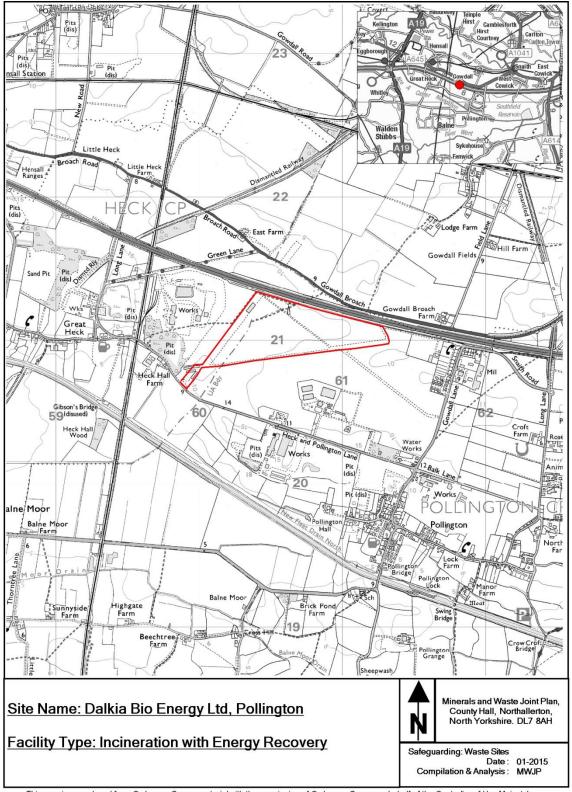


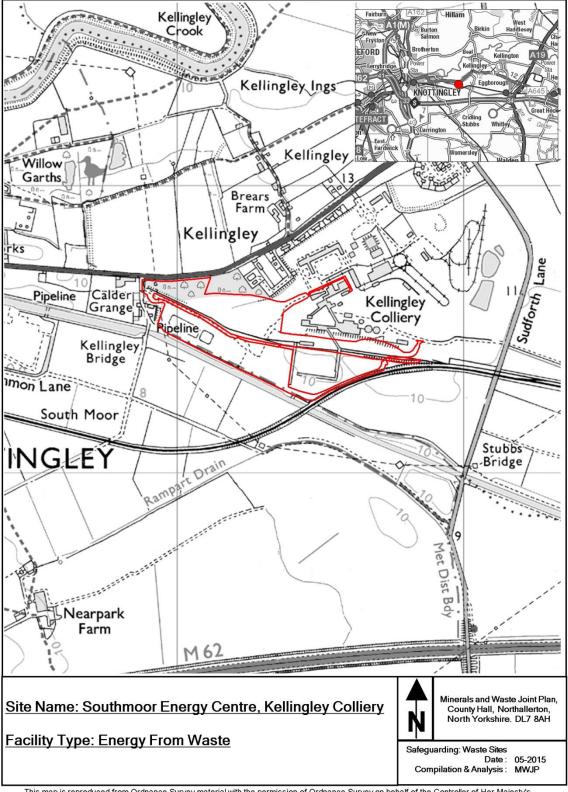


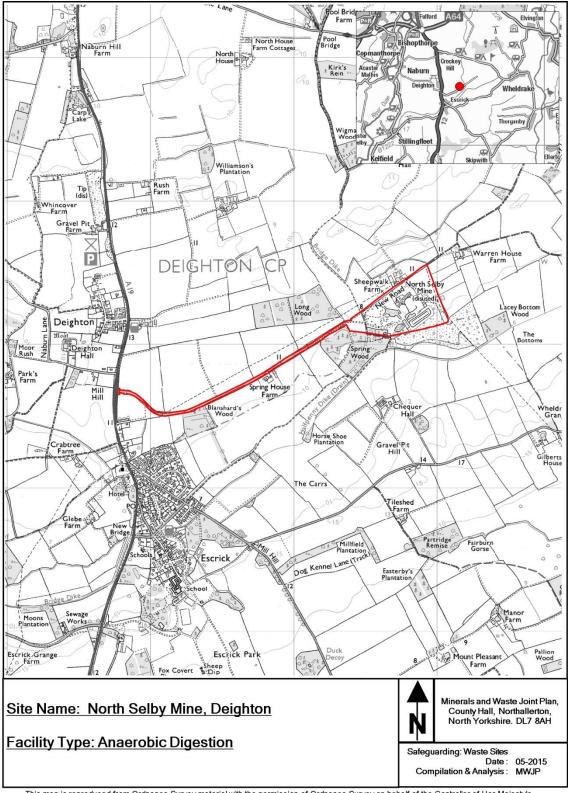


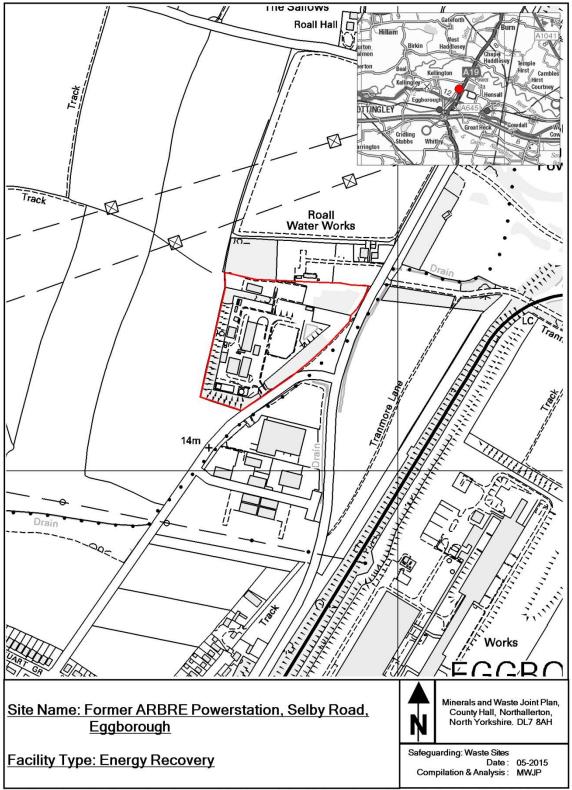


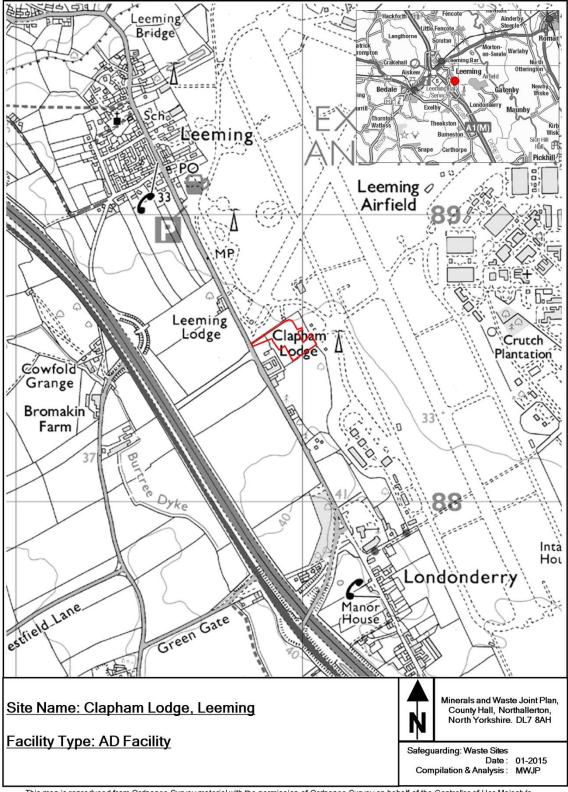




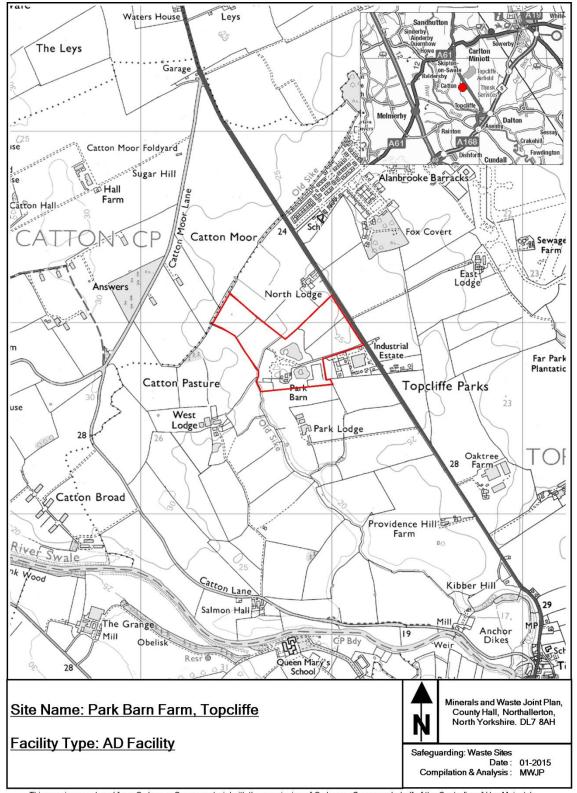


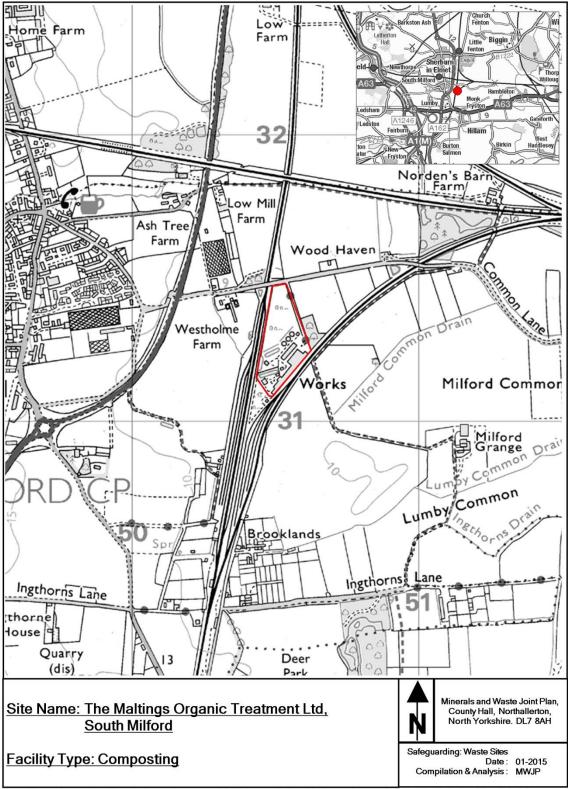


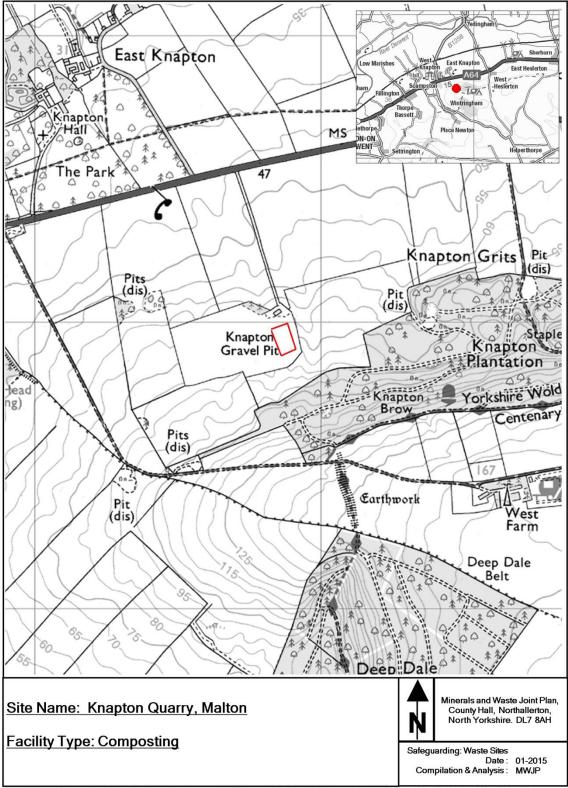


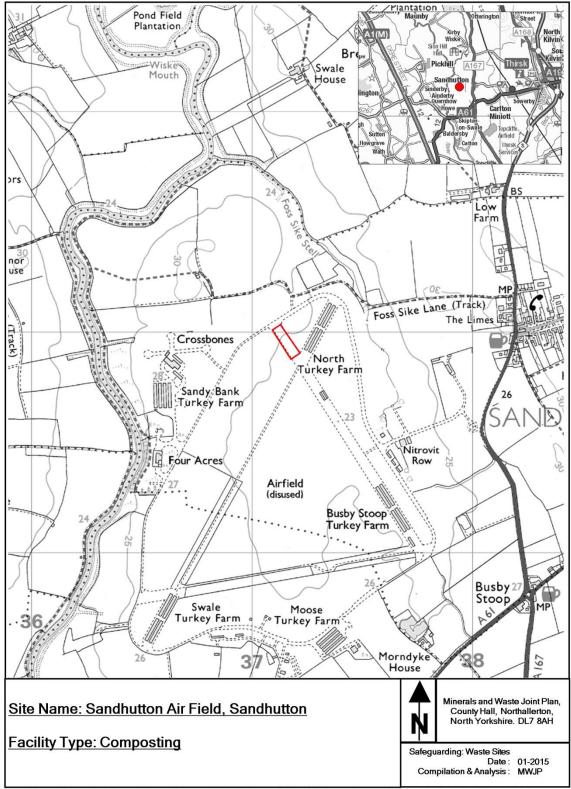


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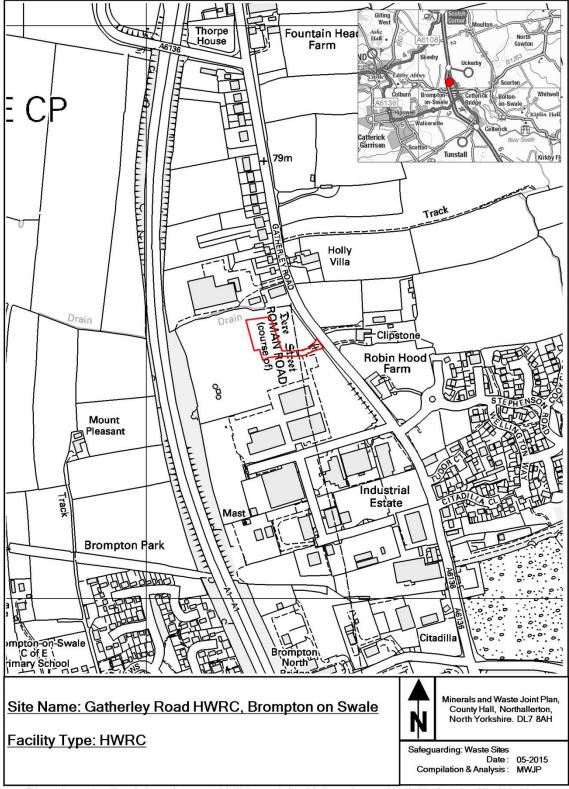


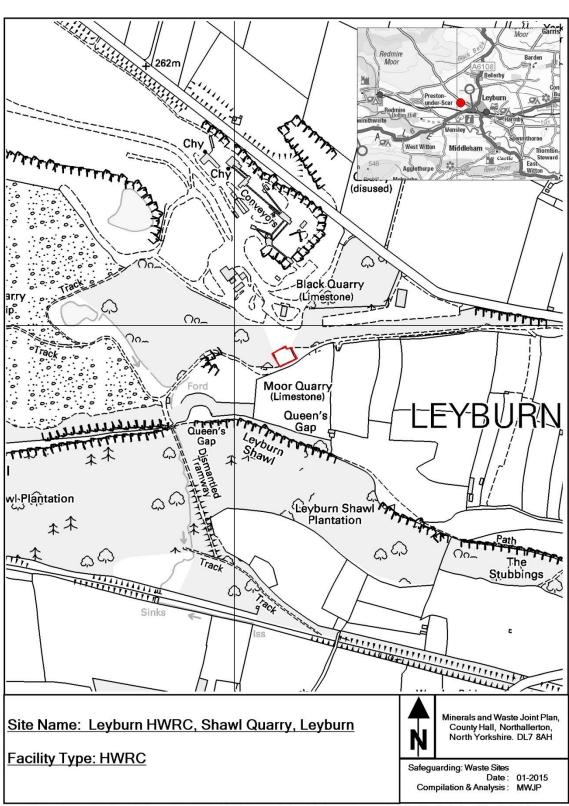


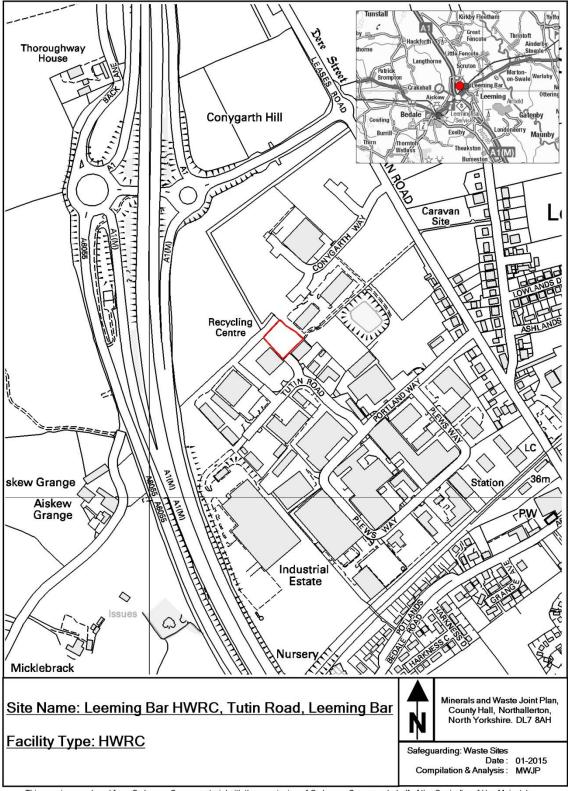


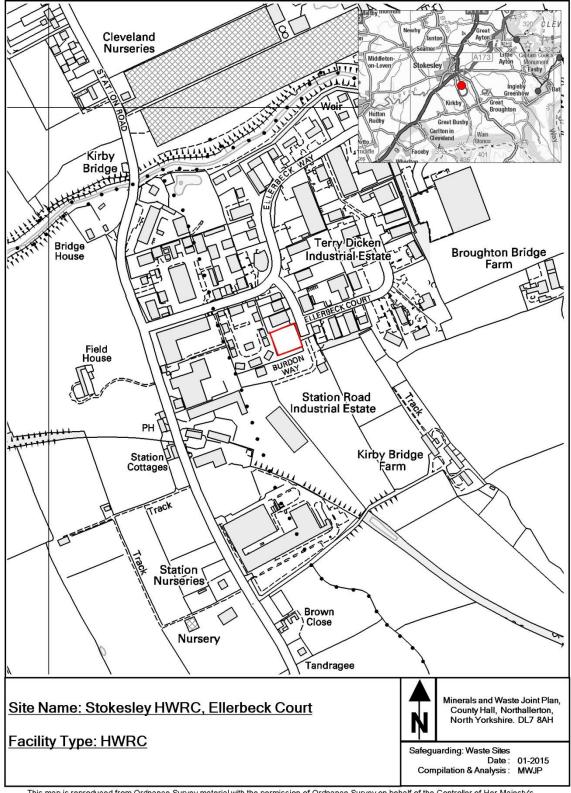


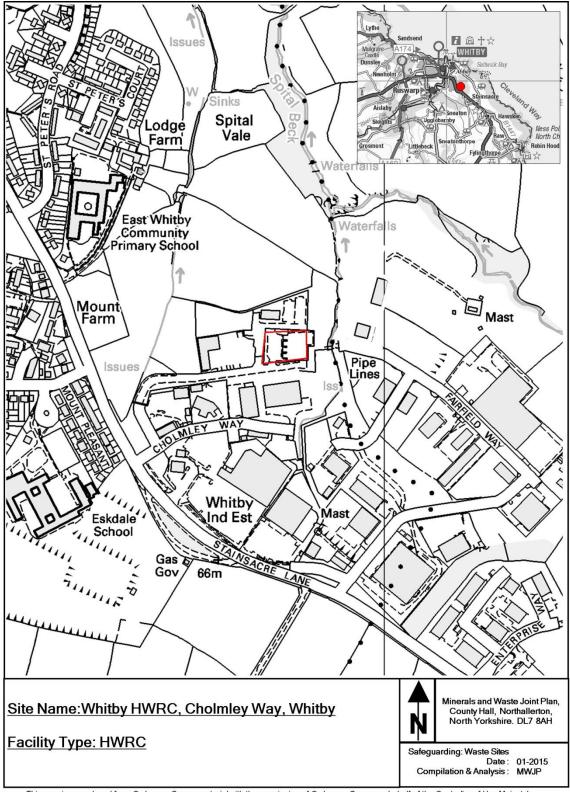




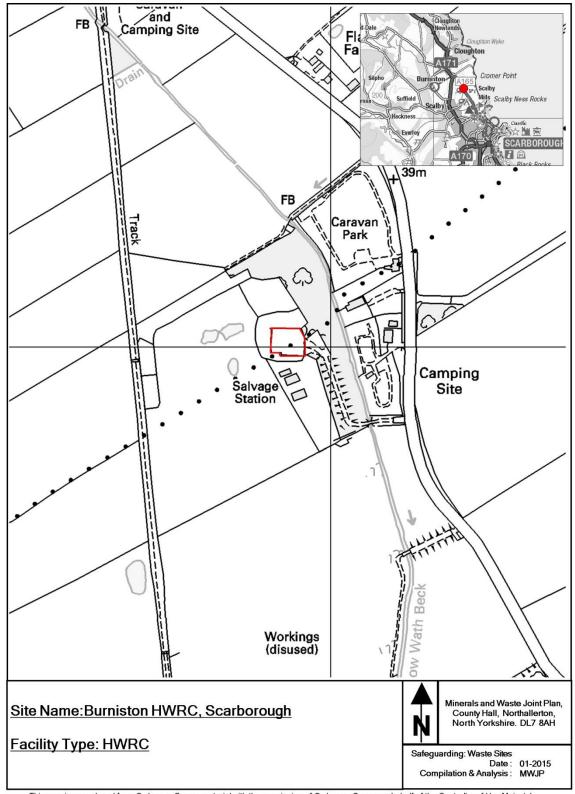


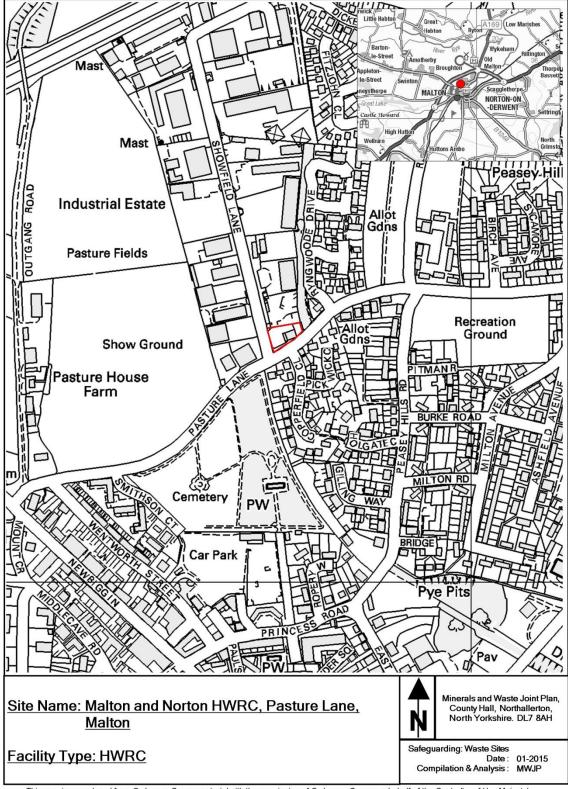


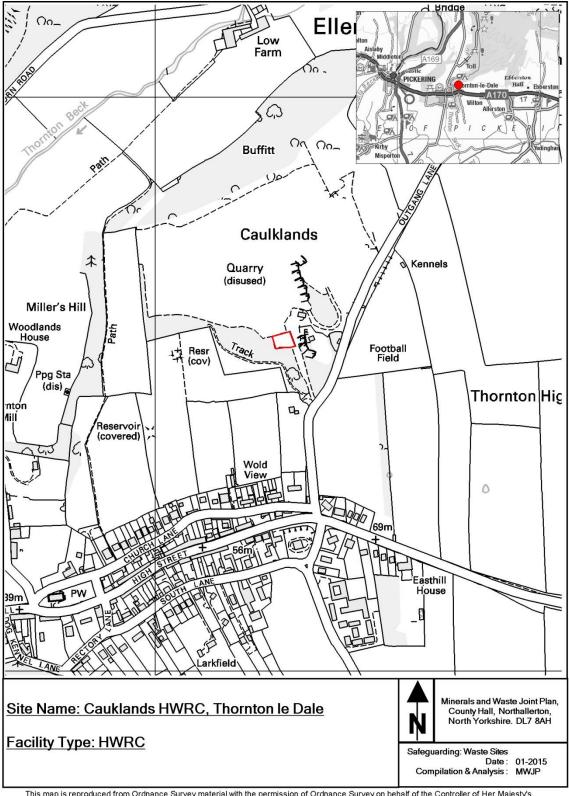


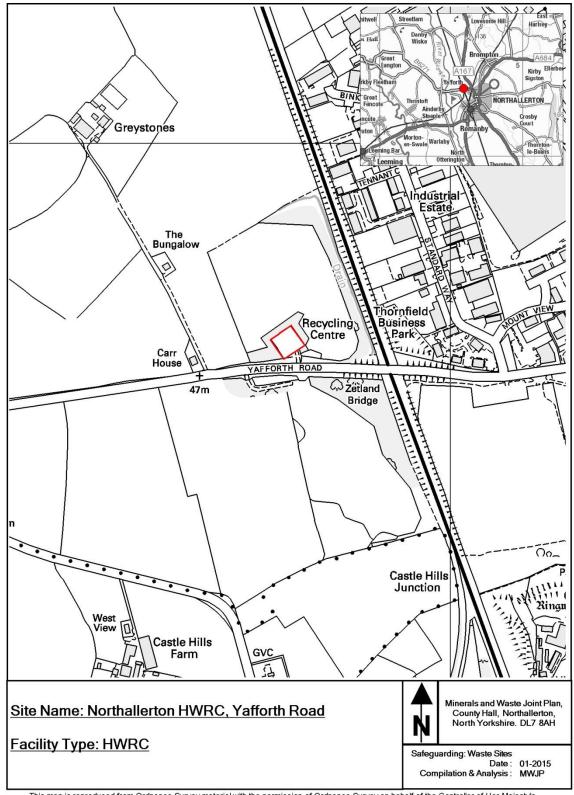


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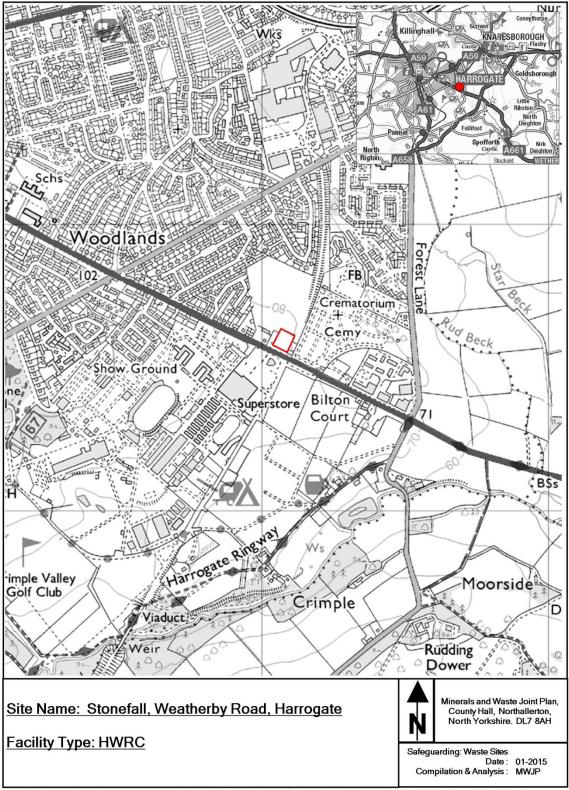


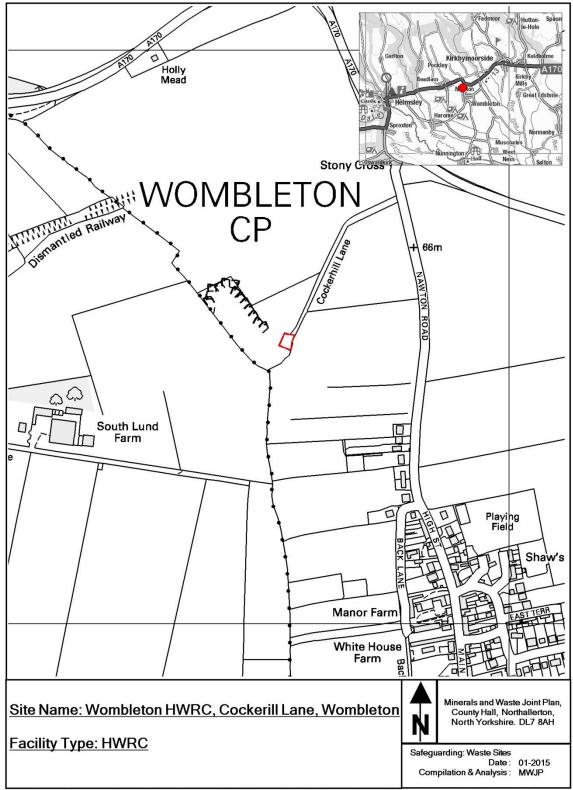




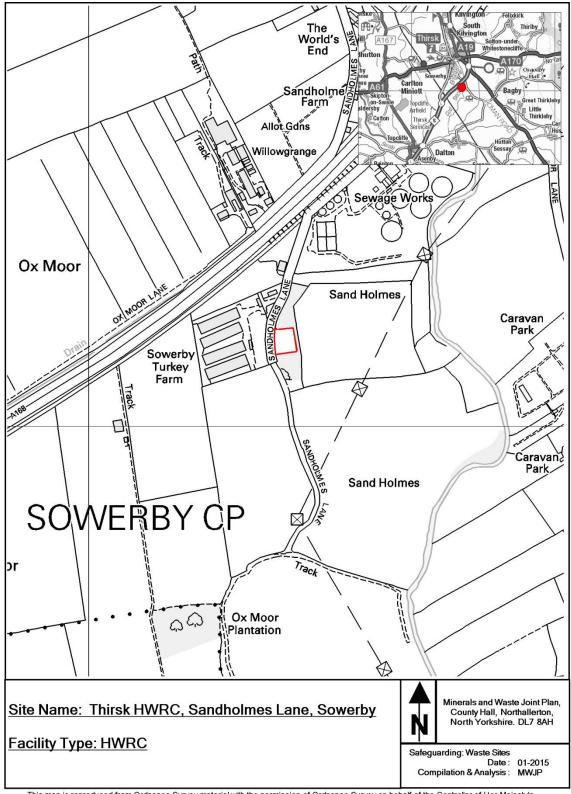


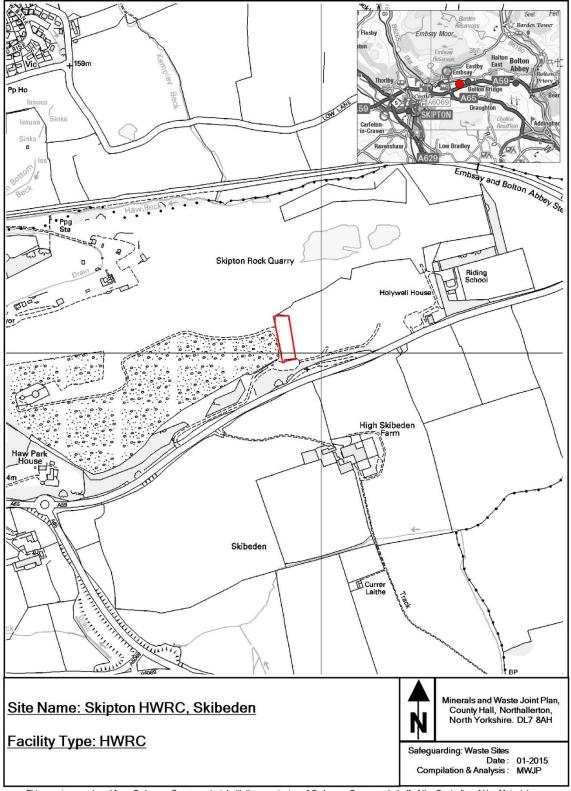
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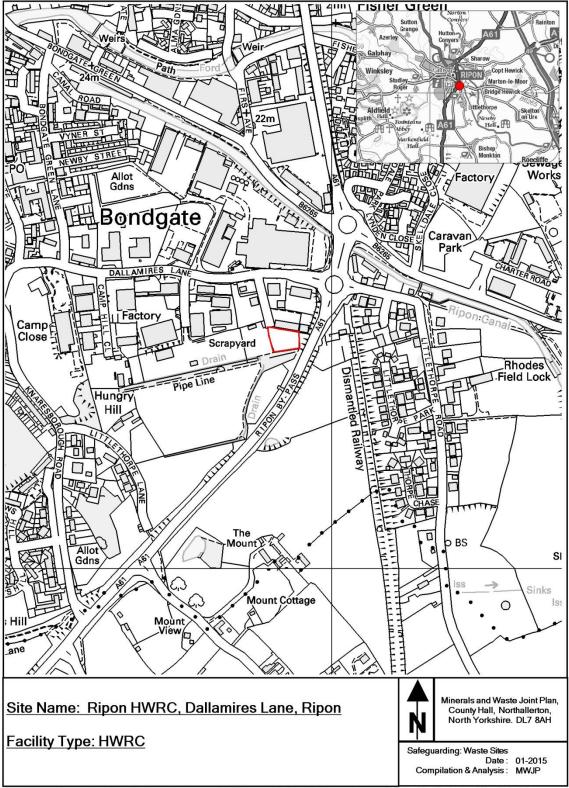


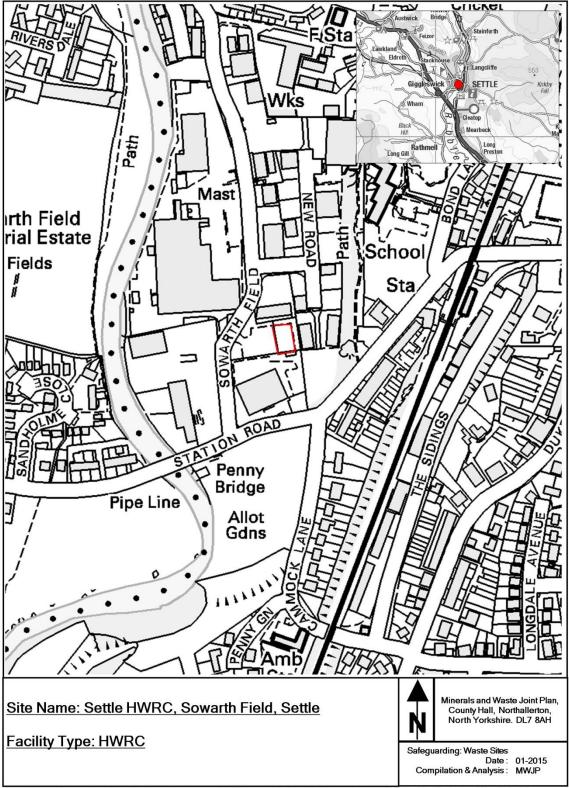


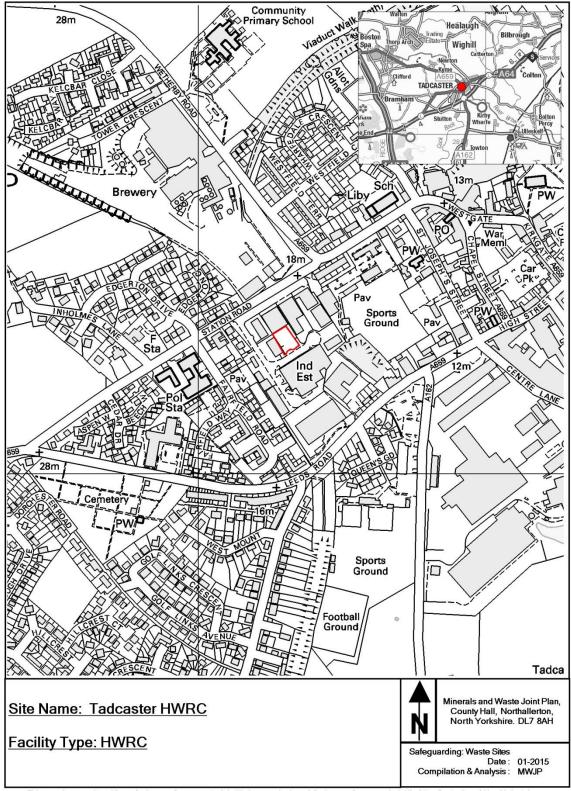
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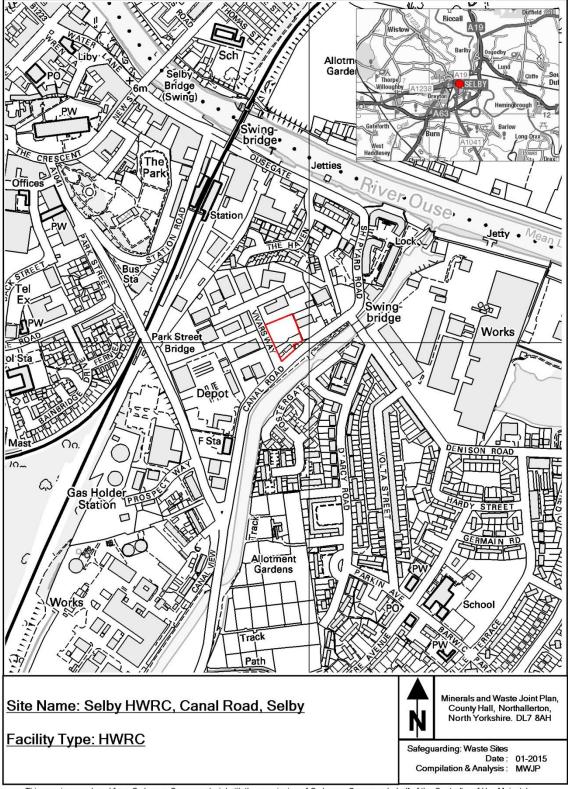


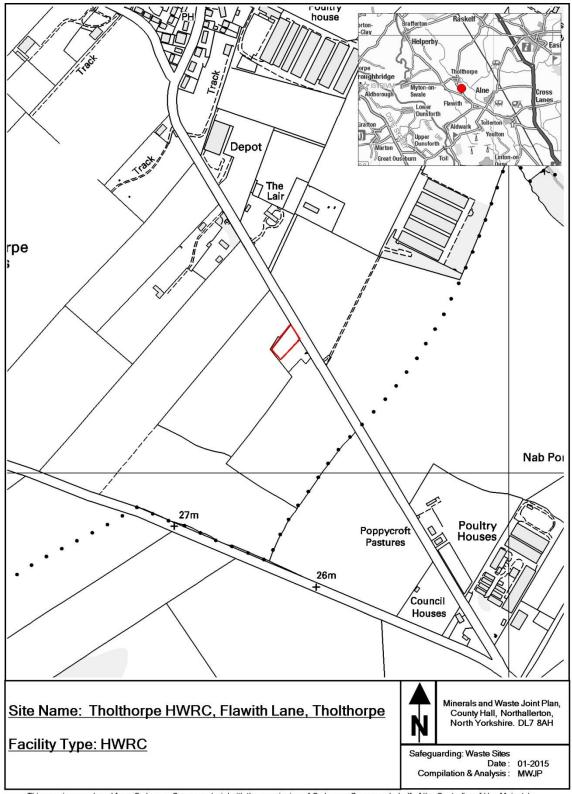


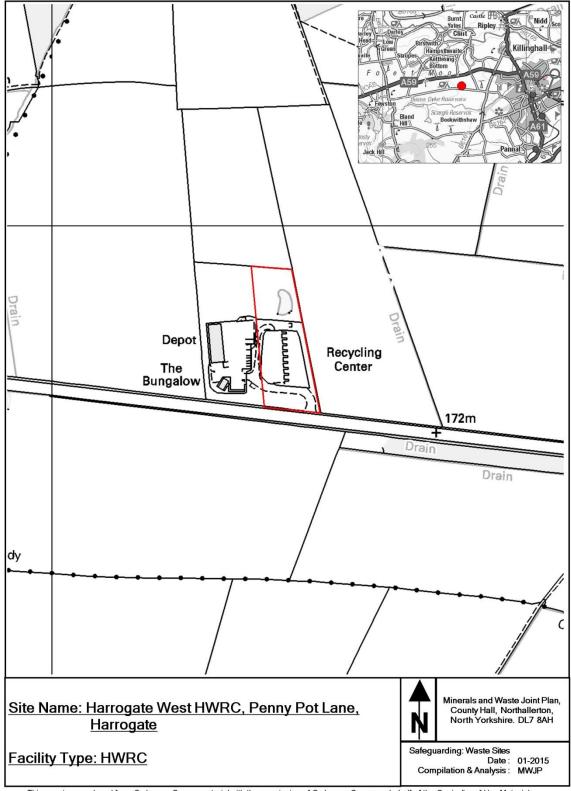


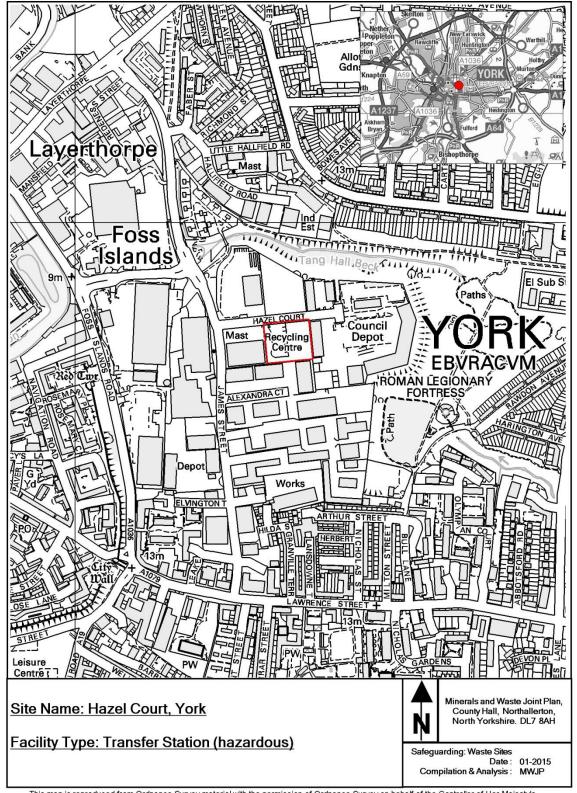


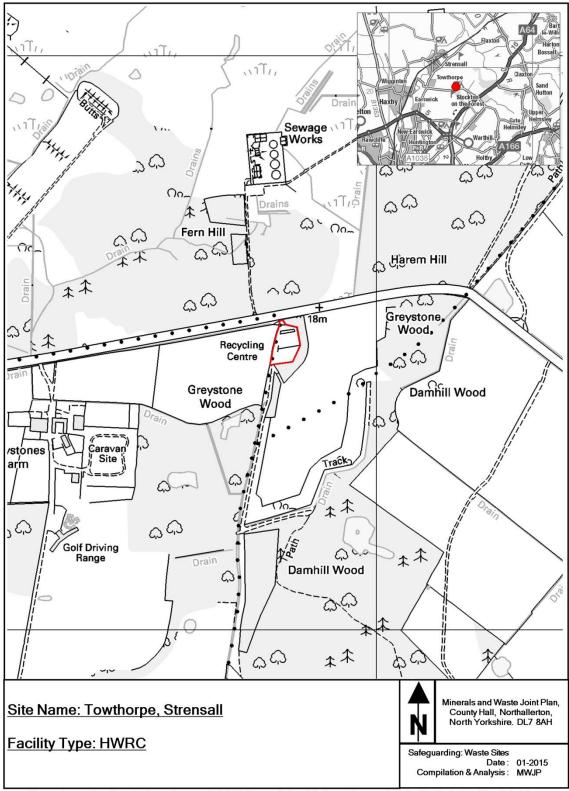












## 4.2 Publication (November 2016)

As a result of responses to the Preferred Options Consultation Document (November 2015) and updates to the Evidence Base, a number of changes to the Waste Infrastructure Sites proposed to be safeguarded were included in the published Plan. This includes the removal of one site and amendment to four site boundaries:

Removed:

• Hessay Recycling: York, Transfer (Non-hazardous) (removed as site now closed)

Amended:

- Harewood Whin: York, Non-hazardous landfill, incineration and energy recovery (revised to exclude land near southern boundary no longer intended for development and to include additional land to the east including part of the existing landfill site)
- Dalkia Bio Energy Ltd: Selby, Energy Recovery (revised to remove land in east Riding and more accurately reflect allocated area)
- Southmoor Energy Centre: Selby, Energy Recovery (revised to more accurately reflect area granted planning permission for development)
- North Selby Mine: York, Anaerobic Digestion (revised to remove area to be occupied by associated horticultural development outside the immediate area occupied by the AD facility)

Waste site name	District	Waste facility type
Barlow Ash Disposal	Selby	Restricted/specialist landfill
Gale Common Ash Disposal Site	Selby	Restricted/specialist landfill
Brotherton Ash disposal site	Selby	Restricted/specialist landfill
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Allerton Park	Harrogate	Non-hazardous landfill, incineration with energy recovery
Todds Waste Management	Hambleton	Transfer (hazardous)
Hazel Court	York	Transfer (hazardous)
Treacle Jug Farm	Harrogate	Transfer (hazardous)
Unit 8, Marsden Business Park	Harrogate	Transfer (hazardous)
Genta Environmental, Marsden Business Park	Harrogate	Transfer (hazardous)
Dean Road Depot	Scarborough	Transfer (hazardous)
Seamer Carr	Scarborough	Transfer (non-hazardous), composting, HWRC
Tofts Road, Kirkby Misperton	Ryedale	Transfer (non-hazardous)
Halton East Works	Craven	Transfer (non-hazardous)
Whitby recycling	Scarborough	Transfer (non-hazardous)
Claro Road	Harrogate	Transfer (non-hazardous)
Tancred Transfer Station	Richmondshire	Transfer (non-hazardous) composting
Dalkia Bio Energy Ltd	Selby	Energy recovery
Southmoor Energy Centre	Selby	Energy recovery
North Selby Mine	York	Anaerobic Digestion

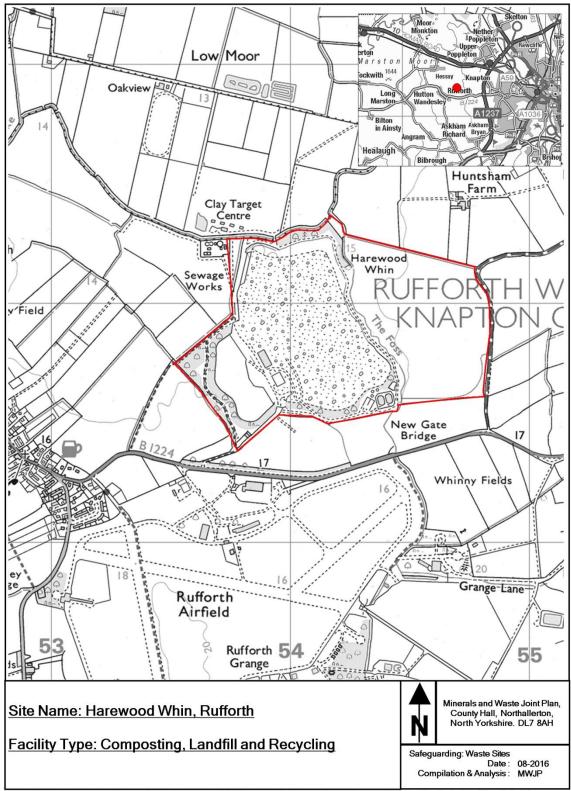
The schedule of Waste Sites proposed to be safeguarded in the Publication version of the Plan (November 2016) is presented below.

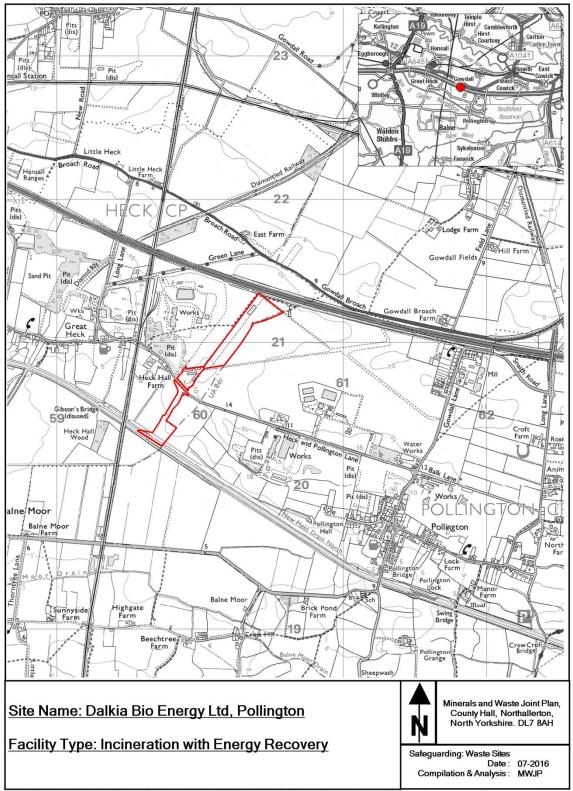
Minerals and Waste Joint Plan

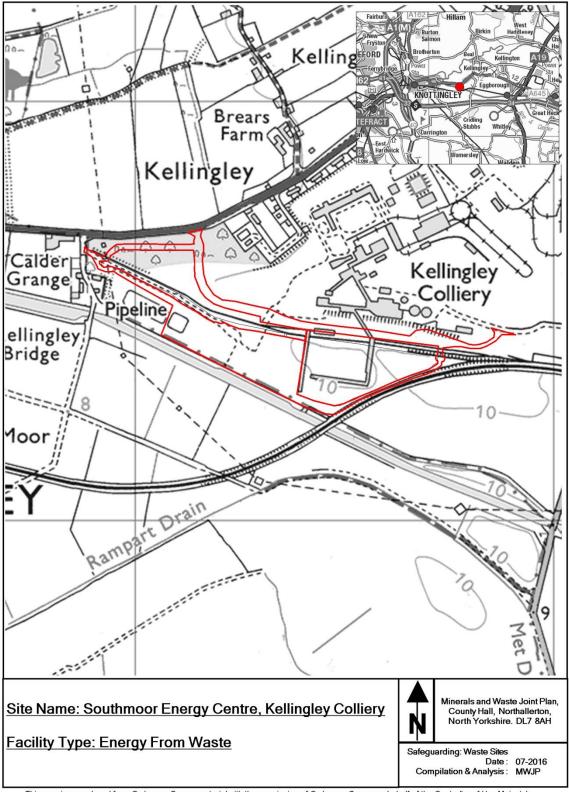
Arbre site, Eggborough	Selby	Energy recovery
Clapham Lodge	Hambleton	Anaerobic Digestion
Park Barn Farm	Hambleton	Anaerobic Digestion
The Maltings	Selby	Composting
Knapton Quarry	Ryedale	Composting
Sandhutton Airfield	Hambleton	Composting
Catterick Bridge	Richmondshire	HWRC
Gatherley Road	Richmondshire	HWRC
Leyburn	Richmondshire	HWRC
Leeming Bar	Hambleton	HWRC
Stokesley	Hambleton	HWRC
Whitby	Scarborough	HWRC
Burniston	Scarborough	HWRC
Malton/Norton	Ryedale	HWRC
Caucklands/Thornton-le-Dale	Ryedale	HWRC
Northallerton	Hambleton	HWRC
Stonefall, Harrogate	Harrogate	HWRC
Wombleton	Ryedale	HWRC
Sowerby, Thirsk	Hambleton	HWRC
Skibeden, Skipton	Craven	HWRC
Ripon	Harrogate	HWRC
Settle	Craven	HWRC
Tadcaster	Selby	HWRC
Selby	Selby	HWRC
Tholthorpe	Hambleton	HWRC
West Harrogate	Harrogate	HWRC
Towthorpe	York	HWRC

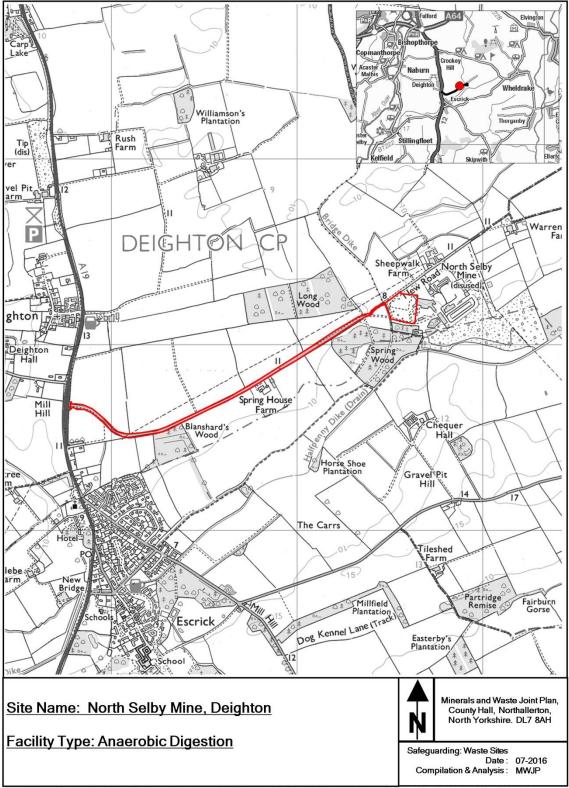
Table 2: Schedule of Waste Sites proposed to be Safeguarded in the Publication of the Minerals and Waste Joint Plan (November 2016)

The site boundaries of the four amended sites detailed above are shown individually below in site plans. All Waste Sites proposed to be safeguarded are shown collectively on the Publication Policies Map (November 2016) along with an associated 250m buffer zone.









## **Contact us**

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