

North Yorkshire Minerals and Waste Joint Plan Examination

23rd March 2018

Management of CD&E waste in the context of Whitewall Quarry (recycling) (MJP13)

A Recycling of CD&E waste in the Plan area

1.0 Waste Management Capacity for CDE - Recycling

1.1 Table 1 shows the allocated CD&E waste recycling sites in Policy W05 provide the following waste management capacity over the Plan period:

Table 1

Allocated Site	CD&E Recycling Capacity	Time Period
WJP24 – Potgate (former plant site), North Stainley	30,000	Until 2022
WJP08 – Allerton Park, near Knaresborough	75,000	Until 2033
MJP27 – Darrington Quarry (recycling)	100,000	Until 2028
MJP26 – Barnsdale Bar, near Kirk Smeaton (recycling)	100,000	2020 onwards
WJP10 – Went Edge Quarry recycling, near Kirk Smeaton	150,000	Until 2032
WJP05 – Field to north of Duttons Farm, Upper Poppleton	40,000	2022-2027

Source: Appendix 1 of the Publication Draft (CD18)

1.2 This data would result in the following total combined CD&E recycling capacity at certain periods:

- Until 2020: 355,000 tpa
- From 2020 – 2022: 455,000 tpa
- From 2022 – 2027: 465,000 tpa
- From 2027-2028: 425,000 tpa
- From 2028 to end of Plan period: 325,000 tpa

1.3 Therefore, the allocations meet the identified capacity gap until 2028. However, Table 8 in SD01 (*Further Proposed Changes, page 7*), states that the capacity gap in 2030 is 437,000 tpa. Therefore, when taking into account capacity provided by allocations the remaining gap is c.112,000 tpa from 2028 onwards.

- 1.4 In addition to the data which informed the capacity gaps identified, the following sites have been identified as providing additional capacity:
- Drome Farm CD&E Physical Treatment (Operational in 2016: 22,000 tpa. Source: EA Data)
 - Seamer Carr Screening Opinion (NY/2013/0105/SCR) (linked to allocation WJP15) states a CD&E outdoor Inert Recycling of 15,000 tpa
 - Tofts Road, Kirby Misperton granted in 2017 but not yet operational states the maximum annual operational throughput of 5,000 tonnes of CD&E waste (Source NY/2017/0251/FUL application data)
- 1.5 In combination these three sites would provide 42,000 tpa of CD&E recycling capacity. Therefore the identified capacity gap from 2028 onwards would be reduced to 70,000 tpa.
- 1.6 When read in conjunction with Table 8 on page 120 of the *Publication Draft (CD17) and the updated Table 8 in SD01 (Further Proposed Changes, page 7)*, the data above demonstrates that for the period that the discounted site MJP13 was proposed to be active (until 2023, i.e. permitted lifespan of the existing quarry) the projected capacity would be met by the allocated sites. Therefore, the statement in paragraph 5 of the W Clifford Watts response is not accurate with regard to the position in 2023 but the identified capacity gap from 2028 onwards would remain.
- 1.7 However, in addition, as stated in paragraph 6.75 of the Publication Draft Plan (CD17) 'It should be noted that a number of other sites allocated in the Joint Plan may also be able to play some role in managing CD&E waste alongside other major waste streams such as LACW and C&I waste and this could further reduce any capacity gap for this waste stream'. This demonstrates that where a potential capacity does occur towards the end of the plan period other existing sites may be able to contribute towards meeting this shortfall.
- 1.8 Furthermore, Policy W05, Part 1) in combination with Policy W11, provides substantial flexibility for capacity to come forward in a range of locations, including windfall sites and circumstances, providing additional flexibility and a positive approach in the Plan.
- 1.9 As only a limited number of sites were submitted during the 'call for sites' process, work was commissioned to gain an indication of whether the Plan area contains other potentially suitable locations for the provision of additional capacity over the plan period, in addition to sites put forward and considered suitable for allocation. This work is summarised in the *Identification of potential locations for waste management facilities (WEB09) (July 2015)*. The main focus of the work was to identify the existence of a range of possible locations which are generally consistent with the emerging strategic policies in the Plan, as well as relevant national planning policy. This is in order to help demonstrate availability of a range of locations which could be suitable in principle for waste development, to help demonstrate the potential of the Plan area for delivery of additional capacity, if necessary or in response to market circumstances, through the flexibility provided via criteria based policies W10 and W11.

1.10 This work concluded that the combined theoretical capacity suggests there could be potential to deliver around 2mt of waste management capacity in addition to allocated sites. Whilst there are a range of uncertainties about the specific scale, capacity and capacity types (including differentiation between waste streams) that could be delivered at the locations identified in this study, it suggests that there is likely to be significant potential in the area to deliver additional capacity if needed and in order to provide a degree of flexibility in provision.

2.0 Waste sites accepting CD&E Waste with an element of recycling in close proximity to Whitewall Quarry

2.1 The following tables 2-4 illustrate, using information sourced from the EA WDI 2016, the waste sites accepting CD&E Waste with an element of recycling in Ryedale District, in Scarborough Borough and City of York, and in the East Riding that are in close proximity to the Ryedale District.

Table 2: EA WDI 2016 – Waste Sites accepting CD&E Waste with an element of recycling in Ryedale District:

Site Name	Operator	Permit Type	CD&E waste Tonnes Received in 2016	Capacity
Givendale Head Farm, Ebberston, YO13 9PU	Mr R E & Mrs S E Gwilliam	HCI Waste Transfer Station	87	2,700
Whitewall Quarry, Norton, YO17 9EH	W Clifford Watts Ltd	Transfer Station taking Non-Biodegradable Wastes	497	8,476
Knapton Gravel Quarry, Knapton, YO17 8JA	F D Todd & Sons Ltd	HCI Waste Transfer Station	6,072	15,089

Source: EA WDI 2016

Table 3: EA WDI 2016 – Waste Sites accepting CD&E Waste with an element of recycling in Scarborough Borough and City of York, which are in close proximity to the Ryedale District:

Site Name	Facility District	Operator	Permit Type	CD&E waste Tonnes Received
Harewood Whin Recycling Facility YO23 3RR	York	Yorwaste Ltd	HCI Waste Transfer Station	3,067
K & D Skip Hire & Waste Management Ltd, YO19 5LP	York	K&D Skip Hire & Waste Management Ltd	HCI Waste Transfer Station	1,205
Martins Of York YO10 3BA	York	Martin Jason	HCI Waste Transfer Station	21,076
Murray Brown & Son YO11 3UD	Scarborough	Murray Brown & Son	Physical Treatment Facility	33,367
Seamer Carr Waste Management Facility YO12 4QA	Scarborough	Yorwaste Limited	Deposit of waste to land as a recovery operation	32,388
Ebor Skip Hire, YO32 9TL	York	Barker Lea	HCI Waste Transfer Station	2,273
Seamer Carr Waste Treatment & Transfer Facility YO12 4QA	Scarborough	Yorwaste Limited	HCI Waste Transfer Station + treatment	1,346
Wrights Of Cockey Hill, YO19 4SJ	York	Wrights Of Cockey Hill Ltd	HCI Waste Transfer Station + treatment	5,277
N Jagger YO32 2RB	York	Mr Nigel Bruce Jagger And Mrs Julie Ann Jagger	HCI Waste Transfer Station + treatment	21,962
Beechwood Cottage YO32 9TH	York	Rhodes Mr David R	HCI Waste Transfer Station + treatment	1,799
Inert Recycling Facility YO19 5UP	York	Martins Of York Ltd	Inert & Excavation Waste Transfer Station	800

Harewood Whin YO23 3RR	York	Yorwaste Ltd	Treatment of waste to produce soil	810
Drome Farm, YO41 4XS	York	A1 Plant & Haulage (York) Limited	Treatment of waste to produce soil	21,826
Seamer Carr Waste Management Facility YO11 3UT	Scarborough	Yorwaste Ltd	Treatment of waste to produce soil	9,663

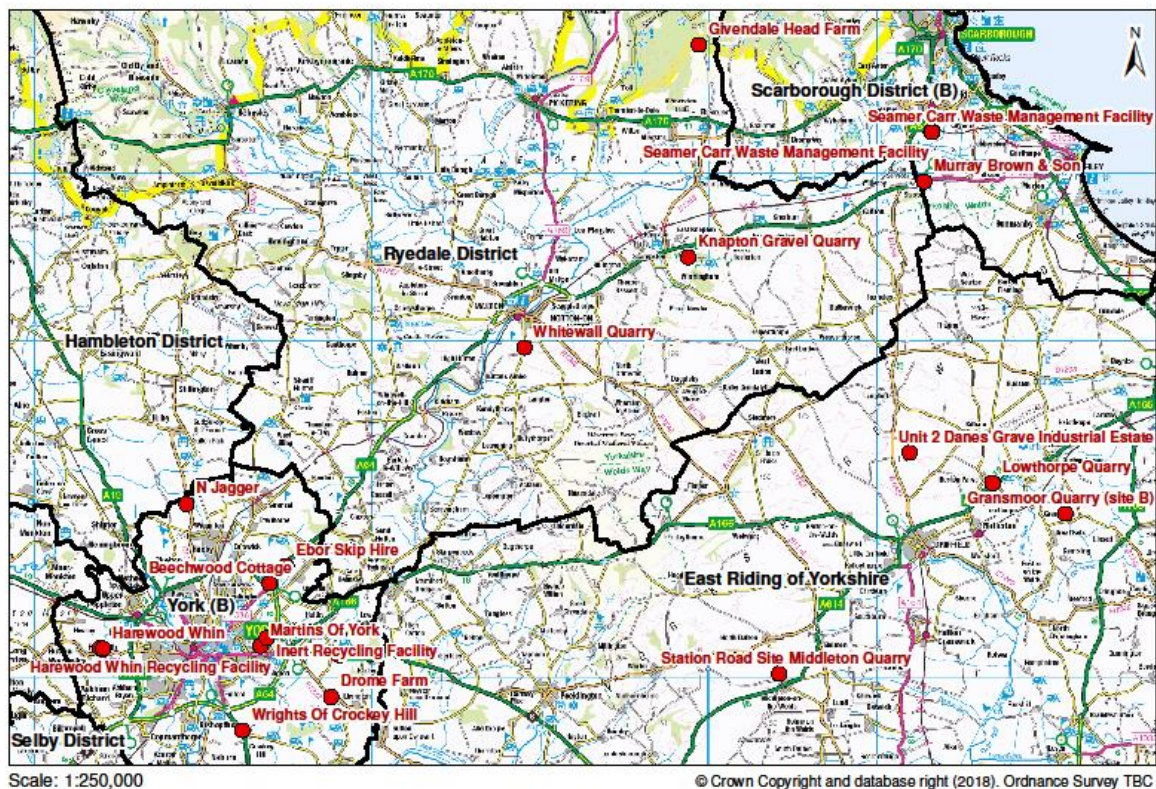
Source: EA WDI 2016

Table 4: EA WDI 2016 – Waste Sites accepting CD&E Waste with an element of recycling in East Riding, which are in close proximity to the Ryedale District part of the Plan area boundary:

Site Name	Operator	Permit Type	CD&E waste Tonnes Received
Lowthorpe Quarry, Driffield, YO25 4DQ	Bob Stabler and Sons Ltd	Treatment of waste to produce soil	5,026
Middleton Quarry, Driffield, YO25 9BS	Simpson Quarries Ltd	Treatment of waste to produce soil	37,325
Unit 2 Danes Grave Industrial Estate, Driffield, YO25 8NL	Wold Waste Holding Company Ltd	HCI Waste Transfer Station + treatment	7,042
Gransmoor Quarry (site B), Driffield YO25 8HZ	W Clifford Watts Ltd	Treatment of waste to produce soil	39,687
Station Road Site, Driffield YO25 9BS	Simpsons Quarries Ltd	Deposit of waste to land as a recovery operation	1,360

Source: EA WDI 2016

2.2 The Plan below shows those waste sites, with an element of recycling, accepting CD&E waste as detailed above:



2.3 The information above demonstrates that there are existing sites, which undertake an element of recycling, that are licensed to accept, and currently handle, CD&E waste which could meet any future identified need in the Ryedale District over the plan period.

3.0 Discounting of Whitewall Quarry Site MJP13

3.1 With regard to the discounting of site MJP13, negative transport impact is the primary reason for discounting, which outweighs the additional CD&E recycling capacity that this site would provide.

3.2 The statement in paragraph 3 of the W Clifford Watts response is not accurate as the Waste Capacity Model, which supports the *North Yorkshire sub-region waste arisings and capacity requirements update report (WEB03)*, does incorporate the CD&E waste recycling capacity currently provided at the Whitewall Quarry site.

3.3 A review of the waste received by Whitewall Quarry over the most recent 4 years is presented in Table 5:

Table 5

Site Name	2013	2014	2015	2016
Waste received Tonnes	10,988 tpa	13,453 tpa	9,496 tpa	497 tpa
Origin of waste	East Riding	East Riding	East Riding	East Riding

- 3.4 The information is taken from the EA's WDI 2013-2016 and the information presented is waste received at the site by origin, this allows the source of the material that enters the site to be identified. The most recent data has shown that the all waste entering the site has come from the neighbouring area of East Riding.
- 3.5 Paragraph 7 of the hearing statement prepared by W Clifford Watts has stated that the material entering the site is coming from the surrounding areas of Malton and Norton with the remainder coming from other local towns and Scarborough. This information seems to contradict the information captured in the EA's WDI which is informed by waste consignment notes received at the site and logged into the systems and reported to the EA by the operator.

B Landfill of CD&E waste in the Plan area

4.0 Waste Management Capacity for CDE – Landfill

4.1 The allocated CD&E landfill sites in Policy W05 provide the following waste management capacity over the Plan period (Table 6):

Table 6

Allocated Site	CD&E landfill capacity	Time period
Allocated in W05		
WJP05 – Field to north of Duttons Farm, Upper Poppleton	40,000	2022-2027
WJP06 – Land adjacent to former Escrick brickworks, Escrick	200,000	2025-2050
WJP21 – Brotherton Quarry, Burton Salmon	250,000	Until 2020
Allocated in W03/W04 but with an element of CD&E landfill		
WJP11 – Harewood Whin, Rufforth	24,000 (CD&E = c.20% of 120,000, based on past site percentages)	Until 2032
WJP08 – Allerton Park, near Knaresborough	10,000 (CD&E = c.10% of 100,000, based on past site percentages)	Until 2033

4.2 This data results in the following total combined capacity at certain periods:

- Until 2020: 284,000
- From 2020 – 2022: 34,000
- From 2022 – 2025: 74,000
- From 2025 – end of plan period: 274,000

4.3 Therefore, the capacity gap identified in Table 8 on page 120 of the *Publication Draft (CD17) and the updated Table 8 in SD01 (Further Proposed Changes)*, from 2025 onwards will be met by the allocated sites.

4.4 In addition to the data which informed the capacity gaps, the following sites have been identified as providing additional capacity:

- an extension of time for landfill (which includes provision for CDE waste) at Harewood Whin was granted in 2017 for 15 years, i.e. until 2032 and
- Barton Quarry Landfill was granted an extension to the area permitted for waste disposal in 2015 until 2031.
- Barnsdale Bar CD&E landfill is now operational