



Wheelabrator
TECHNOLOGIES



Deadline 5: Site Photographs and Drone footage

Wheelabrator Kemsley (K3 Generating Station) and Wheelabrator Kemsley North (WKN) Waste to Energy facility Development Consent Order

PINS Ref: EN010083

**Document 13.3
June 2020 - Deadline 5**



Deadline 5 – Site Photographs and Drone Imagery

**Applicant: EFW/WTI Holdings Ltd
(Wheelabrator Technologies Inc)**

**Project: Wheelabrator Kemsley (K3
Generating Station) and
Wheelabrator Kemsley North (WKN)
Waste to Energy Facility DCO**

Date: June 2020

Reference: EN010083 – Document 13.4

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1.1 Purpose of this document

- 1.1.1 This Statement has been prepared at Deadline 5 of the Examination by the Planning Inspectorate into an application by WTI/EFW Holdings Ltd (a subsidiary of Wheelabrator Technologies Inc – “WTI”) under the Planning Act 2008 for a Development Consent Order (a “DCO”) for the construction and operation of the Wheelabrator Kemsley (“K3”) and Wheelabrator Kemsley North (“WKN”) waste-to-energy generating stations on land at Kemsley, Sittingbourne in Kent.
- 1.1.2 At Deadline 1, on 2nd March 2020, the Applicant provided suggested locations for the Accompanied Site Inspection by the Examining Authority which was due to be held on Wednesday 15th April. That site visit was cancelled due to the COVID-19 situation, which also prevented the Accompanied Site Visit reserved for the 16th June 2020 from taking place.
- 1.1.3 At Deadline 4 on 20th May 2020, in response to ExQ2.11.1 and ExQ2.11.2, the Applicant committed to provide photographs and drone imagery of the site to identify the points of interest set out at Deadline 1. This Statement provides photographs of selected points of interest and explains the three drone videos which have been provided separately.

1.2 The Proposed K3 and WKN Facilities

- 1.2.1 WTI has made an application to the SoS for a DCO for the construction and operation of the Wheelabrator Kemsley Generating Station ('K3') and for the construction and operation of a new waste-to-energy facility on adjacent land called Wheelabrator Kemsley North ('WKN').
- 1.2.2 Planning permission was granted under the Town and Country Planning Act 1990 by Kent County Council in 2012 for a sustainable waste-to-energy facility (K3). Construction of the plant began in July 2016 and the facility became operational in Q2 2020. K3 contains two 102 megawatt thermal (MWth) lines and as consented is capable of processing 550,000 tonnes of waste per annum and has a generating output of up to 49.9 megawatts (MW).
- 1.2.3 This application seeks a DCO which, in practical terms, would permit K3 as constructed to generate an additional 25.1MW and to process an additional 107,000 tonnes of waste per annum ("the K3 Proposed Development"). In order to properly categorise and consent those increases under the Planning Act 2008 consent is being sought for the construction and operation of K3 with a generating capacity of up to 75MW and an annual tonnage throughput of 657,000 tonnes.
- 1.2.4 Development Consent is also being sought for the proposed new WKN waste-to-energy facility, which would be a single 125MWth line facility capable of processing 390,000 tonnes of waste per annum, with a generating capacity of 42MW ("the WKN Proposed Development").
- 1.2.5 Consent for the K3 and WKN Proposed Developments is being sought via a single DCO through a single application to the SoS via PINS.

1.3 The Site(s)

Wheelabrator Kemsley (K3) Site

- 1.3.1 The site is located on land immediately to the east of the Kemsley Paper Mill, located 0.8km east of Kemsley, a residential suburb in the north of Sittingbourne in Kent (hereafter the 'K3 Site'). It lies adjacent to the Swale Estuary to its east, with the Isle of Sheppey beyond and within the administrative areas of Kent County Council (KCC) and Swale Borough Council (SBC). To the south of the K3 Site lies a capped former landfill site which lies adjacent to the confluence between Milton Creek and the Swale Estuary. To the north lies an area of reedbed known as Kemsley Marshes. Access to the K3 Site is obtained from Barge Way to the north via an existing access road forming the eastern boundary of the Kemsley Paper Mill and shared with the mill operator DS Smith Ltd. The K3 Site lies in proximity to the A249 which links to both the M2 and M20 motorways to the south and with the Isle of Sheppey to the north.

Wheelabrator Kemsley North (WKN) Site

- 1.3.2 The site is located on land immediately north of the permitted K3 facility (hereafter the "WKN Site"). The WKN Site is currently being used by the Applicant

as a laydown and parking area for the construction of the adjacent K3 facility. It has been cleared of vegetation and laid to concrete or hardcore with a perimeter fence.

- 1.3.3 To the east of the WKN Site lies the Swale Estuary with the Isle of Sheppey beyond. Immediately to the north lie the Kemsley Marshes beyond which lies the Kemsley Paper Mill anaerobic digester treatment works and to the north east a jetty operated by Knauf for the import of gypsum by barge.
- 1.3.4 The location of the K3 and WKN sites is shown in Figure 1.



Figure 1: Location of the K3 (green) and WKN (yellow) sites

1.4 Drone Imagery

- 1.4.1 Drone footage was taken during the morning of Monday 15th June 2020. Three separate drone videos have been submitted. The route taken by the drone in each case is shown in Figure 2, with the view pointing towards the K3/WKN sites.

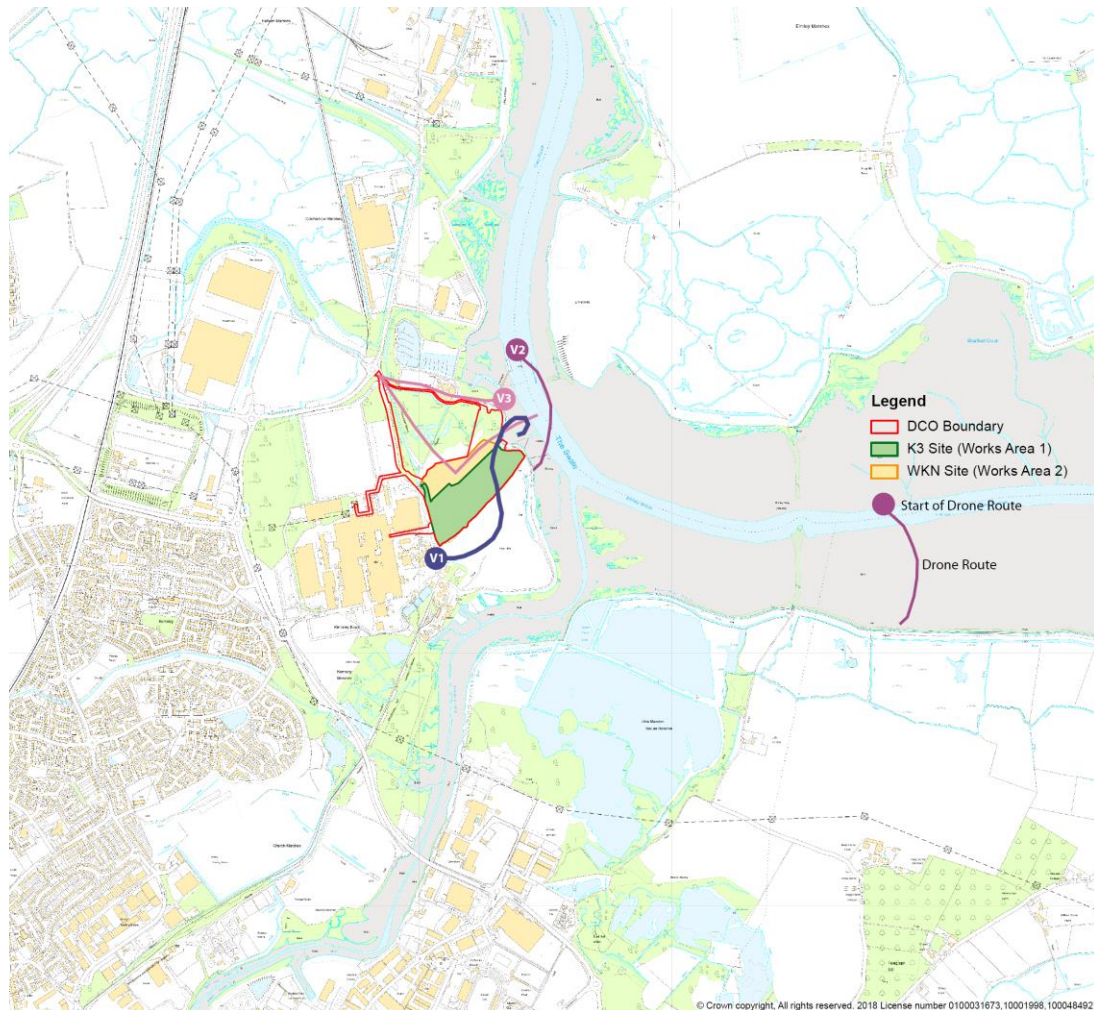


Figure 2: Drone Routes

Drone Video 1

- 1.4.2 The route begins at the south-eastern corner of K3. It provides a clear view of the pipebridge which carries steam from K3 into DS Smith and then a view of the WKN site in the context of the K3 facility, before providing a wider context view. The final section of the video shows the proposed WKN laydown area, with the existing K3 outfall visible to the left of the laydown area, before dropping to provide an indication of levels between the K3 facility and WKN site.

Drone Video 2

- 1.4.3 Video 2 is taken from the east over the Swale Estuary. The proposed WKN laydown area is in the foreground with the Knauf gypsum delivery jetty also visible.

Drone Video 3

- 1.4.4 Video 3 starts to the east of the proposed WKN laydown area and follows the proposed WKN construction access road past the DS Smith anaerobic digester to the junction of the Kemsley Paper mill/K3 operational access, before then approaching the K3 facility and WKN site from the north west before moving out to the east to provide a context view.

1.5 Site Photographs

1.5.1 For ease of accessibility a number of key photograph views have been extracted from the drone footage and were therefore taken on the 15th June 2020. In the case of the images of the Castle Rough Schedule Ancient Monument permission was obtained from DS Smith to reuse images produced for the nearby K4 DCO application, with those images taken on 1st September 2018.

1.5.2 Figure 3 shows the location and direction of photographs.



Figure 3 – Location of photographs

- **View 1 and 2** – the K3 facility and WKN site (being used as the K3 laydown area) from the north
- **View 3** – K3 and proposed WKN operational access and proposed WKN construction access, from the north
- **View 4** – proposed WKN laydown area and construction access from the east

- **View 5** – Steam infrastructure pipebridge from K3 into the DS Smith Kemsley Paper Mill, from the south
- **View 6** – various views of Castle Rough, to the south-west of the Kemsley Paper Mill.



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Views 1) and 2) K3 Facility and
WKN site from the north

Extract from Drone Imagery, taken
on 15th June 2020



Proposed WKN Construction Access

K3 and WKN Access Road



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View 3) K3 and WKN Access Road

Extract from Drone Imagery, taken
on 15th June 2020



WKN Proposed Laydown Area

WKN Proposed Construction Access Road



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View 4) WKN Construction Access
Road and Laydown Area

Extract from Drone Imagery, taken
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Steam connection pipebridge from K3 to the Kemsley Paper Mill



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View 5) WKN Construction Access
Road and Laydown Area

Extract from Drone Imagery, taken
on 15th June 2020



K3 under construction

Castle Rough Scheduled Ancient Monument



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View 6) Castle Rough Scheduled
Ancient Monument

Extract from Drone Imagery, taken
on 1st September 2018