



Environment Permitting Team
Yorkshire Water
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20th December 2023

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Environment Agency
Permitting Support Centre, Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield, S9 4WF

Dear Sir / Madam,

Woodhouse Mill Sludge Treatment Facility (STF)
Permit Variation reference: EPR/DP3092ZJ

We are pleased to submit our application for an Installation permit at Woodhouse Mill STF.

We are submitting this application for an existing anaerobic digestion (AD) facility as the site exceeds the 100t/d capacity limit required by Schedule 5.4 Part A(1)(b)(i) for AD treatment activities.

The site has been operating until now within the scope of a registered T21 permit exemption (reference: WEX233125) and Regulatory Position Statement (RPS) 109 in respect of Combined Heat and Power (CHP) operations burning biogas.

YW currently holds a permit for sludge conditioning and phyto conditioning activities at Woodhouse Mill WwTW. The permit (reference number EPR/ DP3092ZJ/V002) was issued as a waste operation permit on 13th October 2013. Sludge conditioning / phyto conditioning is no longer carried out on site and therefore this application will vary the permit to remove this activity and add anaerobic digestion and its directly associated activities.

The existing permit boundary incorporates areas which have never been used operationally, and YW is seeking to change the permit boundary to reflect current operations on site. Following discussions with the Environment Agency, a separate low risk surrender application has been submitted, with reference to this IED permit application.

The fees for Woodhouse Mill have been calculated using the IED guidance document provided by the Environment Agency. As Woodhouse Mill is not currently permitted for anaerobic digestion, we have determined that the fee for a new installation activity is required.

The fees have been calculated as follows:



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- Section 5.4 a(i) and (b)(i) – Non-hazardous waste installation – biological treatment – *anaerobic digestion of UWWT-derived sludges and directly associated activities*. New application charge – £13, 984
- Emissions Management Plan – £1,241
- Odour Management Plan – £1,246

We have provided forms Part A, Part F1, Part C2, Part C3 and C6 and have made payment of £17,869.40 via BACS payment. The YW payment ref is PSCAPPYORKSWI006 dated 29th September 2021.

This permit variation application was originally submitted to the Environment Agency on 30th September 2021, and the relevant fee was paid at the same time. At that time YW planned to install a liquor treatment plant on site and therefore the total application fee of £17,869.40 also included £1,398.40 for Section 5.4a(i) and b(i) – Non-hazardous waste installation – biological treatment – treatment of liquors (arising from sludge dewatering activities) prior to return to the WwTW (10% of fee as a repeat activity). YW no longer plan to install a liquor treatment plant and therefore details of this activity have been removed from this permit variation application. YW request a refund of the £1,398.40 overpayment as this fee element is no longer required. Please provide confirmation when this refund has been processed.

If you have any queries, please do not hesitate to contact me.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'H. Morgan', is written over a yellow highlight on the document.

H. Morgan

Hazel Morgan, Lead Environmental Advisor