

Sach, Kerry

From: Clare Haste <clare.haste@simsmm.com>
Sent: 18 August 2023 16:35
To: Harris, Craig
Subject: Re: SIMS Smethwick

Hi Craig,

Thanks for your email. Can we try for the 10mg AEL on 2nd point also as the existing system is damp suppression methods, so can't add a fabric filter with existing plant. I understand there are technical reasons why this isn't practicable, the damp particulates making the fabric filters inoperable. Please let me know how it goes.

Kind Regards and have a great weekend.

Sent from [Outlook for Android](#)

From: Harris, Craig <Craig.Harris@environment-agency.gov.uk>
Sent: Wednesday, August 16, 2023 3:13:34 pm
To: Clare Haste <clare.haste@simsmm.com>
Subject: RE: SIMS Smethwick

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Clare

Would SIMS accept 5mg on the second extraction point ?. I will try to push it through on 10mg but I could get potential kick back. The difficulty is going to be that there is nothing in BAT which states bag filters can't be fitted in wet processes.

From: Clare Haste <clare.haste@simsmm.com>
Sent: 16 August 2023 14:38
To: Harris, Craig <Craig.Harris@environment-agency.gov.uk>
Subject: RE: SIMS Smethwick

Hi Craig,

Please see responses below in blue.
Any further questions, please do not hesitate to contact me.

Kind Regards

Clare Haste
Environmental Partner, Europe
Sims Limited

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From: Harris, Craig <Craig.Harris@environment-agency.gov.uk>
Sent: 16 August 2023 12:06
To: Clare Haste <clare.haste@simsmm.com>
Subject: FW: SIMS Smethwick

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Clare

Another blunt question. Is that second extraction point emitting or is it sealed/covered ? [This is covered in response to your last bullet point below.](#)

From: Harris, Craig
Sent: 15 August 2023 15:13
To: Clare Haste <clare.haste@simsmm.com>
Subject: SIMS Smethwick

Afternoon Clare,

I had a phone call from Alan Owers yesterday afternoon. Your probably aware that Alan visited the Smethwick site with the area officer Steve Rogers. He made me aware of a second extraction point on the shredder which is not being used.

There is an argument that if this extraction point was being used it would further reduce particulate matter. Is there an operational reason why this is not being used ? . I understand that Steve might be asking the question as well from a compliance perspective , but I want to progress the permit application and decisions need to be made. [Operationally, it has been beyond use dating back before current site management, but it is in the process of being reinstated. The second extraction point is called A1 and it is included in the existing permit, hence we require it to be included in the varied permit also please.](#)

We may well have the scenario on this second extraction point where 5mg AEL applies as this is not a direct extraction point from a shredder mill and a bag filter applies. Could you let me know what the extraction point was designed to do (e.g. does it take up lighter fractions) , and where is it in process order. [It is located after the first and second air systems and before the picking station. The heavy materials not collected by the first and second air systems \(metals and heavy wastes\) are presented via shakers to two rotary magnets, which lift the ferrous metal onto conveyors. The two rotary magnets are covered by an enclosure which is fitted with its own \(mini\) dust collection system. A fan pulls air from the magnet's enclosure, together with any particulates, and separates these particulates via a small cyclone / mini wet scrubber unit. This air system discharges to atmosphere via A1. An emissions limit of 10mg/Nm³ is applicable as it is not applicable to fit a fabric filter on a damp suppression system as detailed in the Schedule 5 response.](#)

Is it sealed off this extraction point ? i.e. no fugitive emissions escaping. Essentially I need to be sure that the second extraction point does not do anything in addition to the first extraction. If it does, there has to be a practical to reason why its not being used to further reduce particulate matter. [There are not emissions from stack A1 as the unit / fan are not working. It is an additional mini extraction system as detailed above, it is in the process of being reinstated, so we would like it to be included as an emission point in the varied permit please. As per comment above, we consider 10mg AEL is applicable.](#)

Let me know.

Thanks Clare

Kind regards,

**Craig Harris BSc (Hons), BA (Hons), PER
Permitting Officer
Environment Agency - East Midlands**

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