

McVicker, John

From: Murphy, Laurence <laurence.murphy@sedalcol.com>
Sent: 18 April 2019 10:10
To: Wigglesworth, Simon B
Cc: Fornasero, Enrico
Subject: Updated Dispersion Model - Sedalcol UK EPR/KP3030TZ/V008
Attachments: Emission rates and flow speed rev2.pdf; SWP-HYD-XX-XX-Y-RP-2001-P03.pdf

Dear Simon,

Apologies for the delay submitting the updated dispersion model, we hope the following information answers your questions.

Please find attached an updated dispersion model including the following information:

- Updated to include daily mean oxides of Nitrogen AQS ($75 \mu\text{g}/\text{m}^3$) – *Table 1*
- Included A45 emission and particulate impacts
- Modelling outputs for worst case combustion maximum usage in future – *Running hours modelled for 8760 hours and conservative assumptions made throughout. Concurrent operation also included for GT3 + Boiler 10 and Boiler 10 in fresh air mode (mutually exclusive operations) Section 6.2*
- “In practice” maximum running hours per annum – *Table 7 & 8 show operational hours when taking into account maintenance/shutdowns; 8440 hours.*

Please also find attached modelling input files as used for creating the dispersion model.

Also, within the updated dispersion model, included consideration to additional SAC/SPA/AW etc. – *Section 8.2*

I hope you find all information needed within these documents, however, should you have any further queries please do not hesitate to contact either Enrico or myself.

Kindest regards,

Laurence Murphy

Technical Engineer / Health, Safety & Environment



Denison Road, Selby, UK, YO8 8AN

Tel: +44 (0)1757 215 000

Mob: +44 (0)7487 528 194

Laurence.Murphy@Sedalcol.com

Enrico Fornasero

Technical Department / Environment



Denison Road

Selby YO8 8AN UK

Tel: 00 44 175 7215004

Mob: 00 44 7495 076576

E-mail: enrico.fornasero@sedalcol.com

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