

[REDACTED]

From: [REDACTED]
Sent: 05 October 2021 13:55
To: Aldridge, Steven
Cc: Development Control team
Subject: 19/000053/CM - Lea Castle Farm - Dust Impact Assessment

Follow Up Flag: Follow up
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Dear Steven

WRS ref: 20/01248/PLAN
Your ref: 19/000053/CM

WRS have reviewed the comments from the Stop the Quarry Action Group and the applicants response:

Omitting housing:

WRS are satisfied that the distance between the proposed quarry and the new developments at Lea Castle. Sion Hill and Cookley is such that the impact of dust on these developments will not be significant. The IAQM Guidance on the Assessment of Mineral Dust Impacts for Planning states that *“adverse dust impacts from sand and gravel sites are uncommon beyond 250 m and beyond 400 m from hard rock quarries measured from the nearest dust generating activities”*

Under estimation of vehicle movements:

The Transport Assessment states that there will be 110 outgoing HGVs with 44 infilling operations equal to 154 on days of operation (275 working days per annum) as a worst case scenario where no back-hauling takes place at the request of the Highways Authority, this equates to 116 Annual Average Daily Traffic (AADT). With back hauling this reduces to 126 movements per day of operations or 96 AADT. The Air Quality Assessment (AQA) by Enviro Centre (report ref: 8732) used the worst case traffic data for the dispersion model which predicted no significant change in NO₂, PM₁₀ or PM_{2.5} concentrations at all Sensitive Receptors on comparison of the ‘with’ and ‘without’ development scenarios. The applicant estimates off-site transportation of 10-20 HGVs per day, this is significantly less than the figure used in the AQA.

There is a difference of opinion with regards to the carrying capacity of dumper trucks, the Action Group states that they carry 8 to 12 tonnes, the applicant states that 30-40 tonne dumpers will be used, WRS are unable to comment on this anomaly.

WRS original comments regarding the proposal are unchanged. If you have any further queries please do not hesitate to contact WRS quoting the above reference number

Regards

Neil

Neil Kirby
Senior Technical Officer

Tel: 01562 732584

Wyre Forest House, Finepoint Way, Kidderminster, Worcestershire, DY11 7WF

Mobile: 07779 628996

Fax: 01562 745516

E-mail: neil.kirby@worcsregservices.gov.uk

Web: <http://www.worcsregservices.gov.uk/>



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