

# HANSON CEMENT LIAISON COMMITTEE

## MEETING DATE – THURSDAY 23 SEPTEMBER 2021

<b>APPENDIX A</b>
-------------------

PRESENT:	Gary Young	-	Hanson Cement
	Sam Wrathall	-	Hanson Cement
	Cllr R Sherras	-	RVBC
	Cllr I Brown	-	RVBC
	Cllr D Berryman	-	RVBC
	Matthew Riding	-	RVBC
	Cty Cllr S Hind	-	LCC
	Lynda England	-	Bellman Committee
	Simon Perry	-	Worston
	Marilyn Wood	-	West Bradford PC
	Timothy Williams	-	Environment Agency

Before the meeting started Gary Young asked that Mary Gysbers (a long-standing member of this committee) be remembered.

### 1 APOLOGIES FOR ABSENCE

1.1 Received from Cllr S O'Rourke (RVBC), Roy Porter (Chatburn PC) and Jonathan Haine (LCC)

### 2 MINUTES

2.1 The minutes of the meetings held on 26 September 2019 were circulated and approved as a correct record.

### 3. PLANT OPERATIONAL REPORT

#### 3.1 Environmental and Health & Safety

- Safety statistics
  - 2021 to date = no incidents
  - 2020 = 1 incident (contractor)
  - During shutdown with 140 contractors on site = no incidents
  - Near hits = 60 monitored and preventative action taken
- Cement production stopped for 6 weeks in April/May 2020. The stock was wiped out in 2020 and there is now a steady increase in production and uplift in demand.
- Fuel efficiency is measured – alternative fuel rate critical for financial and environmental performance – this was on track.
- Power consumption – electric is biggest cost on site = £12m pa
- CO2 currently costing more than £52 per tonne = £32m pa. Cement factories are given a CO2 allocation – this is going to reduce.
- Stack emissions are monitored – NOx is close to the limit and is controlled by injection of ammonia. Dust is close to limit and is controlled by current filter technology combined with scrubber for SO2 control.
- General incidents/complaints – the values are set by EA and individual incidents are reported to them.
- Hazardous substance consent – continue with hydrogen trial.
- Hydrogen chloride – EA agreement to continued use of lime injection (with site inspections).
- Water – issue with road tunnel and contamination of brook – work ongoing.
- Maintenance audit with EA – improvement plan
- Off-site monitoring of dust gauges – trend-line marginally going down – seasonal effect of more dry weather is changing how this is addressed
- Off-site monitoring of water at Bellman – high reading of particulates in Feb 2020 after significant rainfall. Otherwise, all well under allowable limits

- Off-site monitoring of water in River Ribble – high reading in Sept 2020 – pumping stopped immediately and issue reported to EA. Subsequent installation of turbidity meter with automatic shut from pumping. Otherwise, all under allowable limits
  - Settlement Pond – intercepts run off from SW side of plant. All readings below allowable limits
4. ENVIRONMENTAL COMPLAINTS – 2019 – TO DATE
- 4.1 Reportable incidents – 2019 = 36; 2020 = 57; 2021 = 9
- Dust – April = 16 – general level of dust in the area. Complaints made to EA and a follow up report and site visit – goes on public record with agreed actions including management changes; maintenance procedures; improvement actions and major investment programme.
  - Dust – July = 15 – cyclone blockage on 12 July from tower – safety issue on site.
5. COMMUNITY 2021
- Fund to support local projects
  - Site visits
  - Support Ribble Rovers Trust
  - Alternative fuels (80%) supplied by Lancashire based companies
6. KEY PROJECTS UPDATE
- 6.1 Energy and CO2
- Significant ambitions in terms of sustainability, climate change and net zero emissions. Commitments include reducing clinker from 75% to 70%; increasing alternative fuels from 24% to 43% and increasing biomass rate from 9% to 19% by 2030 with the significant challenge of producing carbon neutral cement by 2050
  - Carbon capture and utilisation – there is a government funded project being piloted in Norway using an amine wash. Heidelberg are also installing equipment in Sweden and HyNet North West are utilising hydrogen.
  - To reduce the carbon footprint at Ribblesdale, efficiency improvements are taking place, including a new cement type of over 11% limestone.
  - A government funded H2 trail has also just been completed where a combination of hydrogen, glycerine and MBM is burned (carbon free). This was a success and the first in the world, although only short term due to the cost and availability of fuels.
  - A RCP trial where the wet-gas scrubber is modified to remove both SO2 and CO2 emissions.
6. QUARRY AND BIODIVERSITY UPDATE
- Work continues in Lanehead quarry – 90 blasts since January 2019
  - Work continues at Bellman quarry – 42 blasts since January 2019
  - Work has begun to recreate Bellman strip fields – aiming to promote biodiversity and supplement plant and wildlife – hedges have been planted
  - 3 of the 4 Bellman lime kilns have been rebuilt working with Clitheroe Civic Society and Historic England/ English Heritage to preserve the 1875 kiln.
7. AOB
- Gary reported that an approach had been made regarding a holding area and parking area for use during the Haweswater Aqueduct Resilience Project
  - Gary reported upon rail crossing incidents and the need to keep his workforce safe. Looking to install a SPID, improve the lighting and prosecute offenders who fail to stop.
  - Cty Cllr Sue Hind asked if cement dust was carcinogenic (having watched programmes regarding 9/11) Gary confirmed that all staff have regular health screening and there was no link to any cancer conditions.
  - Gary confirmed that the quarry had approximately 35 years of stone in it
  - Linda asked for permission to cut back ivy on big trees on the nature trail

- Linda informed the group that the footpath had been blocked at the top of Old Road, Chatburn

8. DATE OF NEXT MEETING

- 7.1 The next meeting of the Hanson Cement Liaison Committee will be held on Thursday 24 March 2022. Gary would arrange a site visit to the quarry.

The meeting closed at 4.00pm