



**SOUTH FERRIBY CEMENT PLANT**  
**MINUTES OF SOUTH FERRIBY AREA LIAISON COMMITTEE MEETING**  
**HELD ON FRIDAY 25th JANUARY 2013**

**1. Present**

Bob Perks	Environment Agency
Sara Haddon	South Ferriby Parish Council
Councillor Keith Vickers	North Lincolnshire Council
Philip Baynes-Clarke	South Ferriby Plant Director
Sean Page	South Ferriby Logistics Operations Manager
Kevin Groombridge	South Ferriby Environmental Manager
Diane Wright	Secretary

Philip Baynes-Clarke explained that the meeting had been moved to the porta cabin meeting room and comments as to the suitability of the room would be taken at the end of the meeting.

**2. Apologies**

Apologies were received from Keith Morgan of the Environment Agency, Councillor Carl Sherwood of North Lincolnshire Council and David Mouncey of South Ferriby Parish Council.

**3. Minutes of last meeting**

The minutes of the last meeting were approved.

**4. Matters Arising**

There were no matters arising.

**5. General Reports**

**5.1 CEMEX**

Philip Baynes-Clarke said that his report would be a round-up of 2012 and looking forward to 2013:

- The plant had had one lost time incident in 2012 and 24 minor first aid treatments and at present stood at 210 days LTI free,

Following on from the LTI in the summer all small dumpers used for cleaning up had been banned at Rugby and South Ferriby. A new style, more suitable dumper had recently been trialled and a meeting would be held between the senior team at South Ferriby and the contract firm H & T, to discuss its suitability for use at the plant.



H & T had recently appointed a new more experienced supervisor and been told that CEMEX expected to see improved work standards.

Kevin Groombridge reported that:

- Since the last meeting there had been no Schedule 5's or complaints.

Philip Baynes-Clarke then went on to report:

- Clinker production target for 2012 had been achieved, even with the ring formation in the kiln as reported at the last meeting.
- A new kiln 2 alternative fuel record had been achieved in 2012, which was a 28% increase compared with the previous annual record.

It was good to report that kiln 2 at South Ferriby was the most improved kiln for alternative fuels within CEMEX for 2012. The alternative fuel target for 2013 is 75%, with the average for November and December 2012 being 76%.

A breakdown graph of alternative fuels would be included in the presentation for the next meeting.

Sara Haddon asked if the supply of SLF is secure. Philip Baynes-Clarke replied that yes it is.

- Cement production was below budget for the year by 22kt due to lower than budget sales volumes. 2013 was expected to see a 4% reduction on the 2012 tonnage.

Sales so far for the new year had started well, but the cold weather last week had seen sales drop off, volumes were expected to pick up again in the next week as the weather improved.

- Quality of cement performance has been good throughout 2012 with average strengths for both products better than target.
- There had been some progress with weathered clinker since the last meeting. Phil Baynes-Clarke handed a sample of iron oxide containing weathered clinker round the table for all to view.



The currently proposed route to feed the weathered clinker into the process is mixed in with the iron oxide. The process was prepared but unfortunately it had been halted due to blockages in the blending silo aeration pads, which requires the silo to be taken out of service and repaired. To overhaul the silo an investment of £50,000 is required.

Once the blending silo is back in operation then the trial can take place.

- Cement mill 3 shell had been replaced and the mill is operating as expected. The old mill shell is to be cut up over the next few weeks for disposal. The project cost £2 million and involved 9,000 man hours.
- Extensive work has been completed to improve the combustion in the raw mill furnaces. The furnaces have been problematic since installation some 30 years ago due to slag build-up and pressurisation. Subsequently, an oil flame has historically been used to support the primary coal flame.

The coal flame can now be sustained without oil most of the time, saving significant money and subsequently the build-up issues have been significantly reduced.

Attention has now turned to the hot air duct from the cooler which has never been fully utilised due to the combustion issues. Improvements to the lagging will commence shortly, and this is a £70,000 investment.

Energy usage reduction in this area is especially important as it falls under Phase 3 of the European Commission's trading scheme.

Sara Haddon asked if there were emissions from the raw mills.

Kevin Groombridge said yes there was, these being particulate matter and combustion products from the furnace. The system includes a comprehensive filter system to reduce particulate emissions.

At the next meeting Kevin Groombridge would present the WID report showing all emissions which are monitored and reported to the Environment Agency.

- The site had sponsored apple trees that were planted on 21st December 2012 at South Ferriby Primary School in commemoration of the Queen's Diamond Jubilee.



- An Electrical Coordinator had been recruited and would start at South Ferriby on 25th February 2013. He lives locally and is currently employed at the steel works in Scunthorpe.
- During Q1 of 2013, approximately 12,500 tonnes of South Ferriby clinker will be exported to the CEMEX grinding facility in Tilbury (approximately 300 tpd Monday to Friday during daytime only). Kevin Groombridge commented that all lorries would be loaded by 14:00 hours and there would be no night movements.

2013 production targets for the plant were presented:

- Clinker – 346,750 tonnes (one kiln operation, no overhaul in 2013)
- Cement – 363,185 tonnes (11% reduction compared with 2012 – market conditions with no change to market share)
- Alternative fuels – 75% (40% Climafuel, 35% SLF)

The main focus areas for 2013 are:

- Maintain accident free status and reduce FAT by 20%
- Exceed alternative fuel, clinker and cement budget
- Successfully consume weathered clinker within the kiln system on a continuous basis
- Recycle 20% of CKD make back into the process
- Reduce electrical energy usage

Expect 2013 electricity bill to exceed £4.5 million

Focus groups established. To review all areas including:

- Lighting & heating
- Production efficiency improvements
- Upgrade projects
- Compressed air

Both Philip Baynes-Clarke and Kevin Groombridge are involved in the focus groups.



## **5.2 Environment Agency**

Bob Perks reported that there had been no complaints received since April 2012. From the graphs presented all could see that emissions are reducing and the improvements are better than ever thought possible. South Ferriby was one of the last to trial alternative fuels and is now leading the way.

Kevin Groombridge explained that the company providing the road sweeper on site had changed. The contract had been put out to tender and had been awarded to Wrawby Services. This is a local company and so far the standard of service is much improved. The contract is managed on site by Rachel Muller, Environmental Coordinator, who reports to Kevin Groombridge.

## **5.3 North Lincolnshire Councillors**

Nothing raised.

## **5.4 NLC Officer**

No one was present from the Environmental Protection Team.

## **5.5 Parish Councils**

### **South Ferriby**

Sara Haddon commented that at the last meeting Councillor Carl Sherwood had made a statement with reference to North Lincolnshire being ranked 406 out of 407 counties in a recent report relating to carbon dioxide emissions.

She had researched the issue and the reason was due to the heavy industry in the North Lincolnshire area.

Sara showed concern that no one from North Lincolnshire Council, Environmental Protection Team was present at the meeting nor a presentation had been sent. She was disappointed that no one had made contact with the plant to explain why. The presentations given by Ross Thomson had been extremely useful and informative.

It was decided to contact Kath Jickells, head of the Environmental Protection Team, which since the meeting has been done. Kath Jickells has apologised that no one was present and explained that as yet, no one had been appointed to the role; she did say that someone would be present at the next meeting in April.



## Winterringham

No one present.

### 7. **Any Other Business**

Nothing was raised.

### 8. **Date of Next Meeting**

The date of the next meeting is arranged for **Friday 26th April 2013** starting at 12:30 with a buffet lunch. It was agreed that the venue should change to the porta cabin meeting room as it was more suitable.

The dates for the rest of the year are:

**Friday 26th July**

**Friday 25th October**