



## **ENVIRECOVER COMMUNITY LIAISON GROUP (CLG)**

**Minutes of eighth meeting, held at the HZI site office.**

**Monday 14<sup>th</sup> March 2016 at 17.00 hrs.**

### **Attendees**

Caroline Macdonald (CM), OggaDoon Communications  
Ian Barber (IB) – Marketing Director, Severn Waste Services  
Steve Aldridge (SA) – Planning officer, Worcestershire County Council  
Sarah Dennis (SD) – Environment Agency  
Cllr Nigel Dowty (ND) – Local Member, Wychavon District Council and CLG Chair  
Richard Woodward (RW) – Waste Services Manager, Worcestershire County Council  
Eve Jones (EJ) – Member of Hartlebury Parish Council  
Javier Nicolas (JN) – Technical Manager, Mercia Waste Management  
Sheridan Tranter (ST) – Chair of Hartlebury Parish Council  
Mark Bishop (MB) – Planning Development Control Manager, Worcestershire County  
James Homer (JH) – Chairman of Elmley Lovett Parish Council

### **Apologies**

John Jordan (JJ) – Clerk to Ombersley and Doverdale Parish Council  
Kate Stott (KS) – Education Officer, Severn Waste Services

### **Invited but no response**

Nicolas Wright (NW) Clerk to Elmley Lovett Parish Council  
Phil Merrick (PM) – Head of Community Services, Wychavon District Council  
Doug Ingram (DG) – Chair of Ombersley and Doverdale Parish Council  
Maurice Broomfield (MBr) – Ward Member, Worcestershire County Council

### **1. Welcome and Introductions**

Welcome issued and introductions made.

### **2. Actions from last meeting**

#### **Action: CM to change ToR for Richard Williams change to visitor status**

111/s was a mis-reading – action delivered.  
IB confirmed height of bunker is 8m.

**Update on action: EJ asked how much taller the bunker building will be above the concrete box that is visible. The answer is about 8.5 metres; top of concrete bunker wall is 25.6 m above ground level; the top of boiler roof is 34.1m.**

**Action: EJ to re-send the link to IB; IB to check with HZI**

**Update: EJ has sent the link. See addendum.**

The permit variation has nearly been issued. The final action is a signature by the local Environment Agency officer. This will be publicly available when completed.

### **3. Update from Mercia/HZI – see appendix for update from HZI**

IB: Looking to the future, we have the externals of the roadways, weighbridge complex, fire water tank and pump station, attenuation lagoons for drainage to deliver on. The structural element of the building is almost complete. We will be gearing up for testing.

EJ: You had said that the time-lapse images would be uploaded up to the end of the preceding week; last upload shows the end of January.

#### **Action: IB to check on the website**

#### **Updated action: Time lapse now updated**

IB: The time-lapse images are regularly updated by Steve (in Mercia office).

ST: Lighting is still an issue but we need to look at it with WRS as it is not just EnviRecover but the rest of estate.

IB: The lighting situation is getting better as the crane has gone. Due to adverse weather conditions the building work is taking longer. Then we will move inside. There is an extant lighting scheme that needs to be approved.

ST: What is the rough time for this to be achieved?

IB: There is a timetable related to commissioning but I expect something in the next few weeks. This is an outstanding item for us to discharge.

SA: This lighting plan is Condition 16 of the planning permission.

IB: We need to light the site according to what's needed for operations and safety. Thereafter, we can control it to shine down, not out. The full lighting scheme will be set against lux levels.

SA: WRS, WCC Street lighting team and the ecologist would all be consulted on the scheme to discharge this lighting condition.

### **4. Feedback from Mercia**

IB: Following the drop in session, three groups from Hartlebury WI (and partners) have visited. In terms of individual feedback, I've had one exchange from a Chaddersley Corbett resident about lighting and traffic. I've offered to them to come and visit the site so we can go through their queries – I am waiting for a response. There has been a query from person considering house purchase near Ombersley asking for emissions information; this has been given. I also received a representation from resident at Waresley Park about lighting; KS and I went to visit and re-confirmed that some of the issues were coming from Forest Products. This alleviated her concern to a level. A resident on Walton Lane contacted us about lighting which was dealt by Richard Williams (WRS). We get occasional queries from estate tenants regarding parking as it is getting very busy. These are actioned immediately by HZI. In the last few weeks, we've had a third unannounced visit by H&SE to the site. There was nothing to report.

JH: Was the query about traffic from Chaddersley Corbett about traffic from EnviRecover or the estate?

IB: First element of the query was about lighting and they wanted to know what the traffic would be like on A442. I addressed it, they returned with other questions so I invited them to visit to go through these. I am currently waiting to hear from them.

SA: What was the attendance like at the public open day?

IB: We think around 25 people.

ND: Are you still meeting with the trading estate management?

IB: Yes, plenty of times, more than once a week. One of tenants was concerned about last Monday's rain which turned the area for cable laying into a swamp and wanted to check that we were aware.

## **5. Presentation on commissioning phase (see attached presentation)**

Delivered by Simon Ganley, Severn Waste

JH: Is there a relation between the age of the plant and emissions?

SG: It is more likely the age of the technology, not plant. Much of the technology has improved over time. For example, the combustion technology and systems and the way it is controlled and monitored.

IB: We had this information (about Waste Incineration Directive emission limits of specific elements) on one of the exhibition panels during our pre-planning consultation. We thought it would be useful to show again to see the maximum operating limits that are allowed. Last week, Fichtner confirmed to us that UK plants are performing better than the information shows. Thresholds may be tightened but that is not something we can be worried about.

JH: What is the importance of 850oC temperature?

SG: If you combust materials above that temperature there are less dioxins and furans; if below, it produces more.

JH: What's relationship?

SG: 850oC produces significantly less. We need a broader margin before introducing waste.

JH: How do you ensure the temperature is 850oC? Do you take an average?

SG: There are thermocouples in the furnace - all have to be equal or above 850oC.

JN: This is coming from the EU Waste Incineration Directive; there are two cycles of combustion above 850oC that will allow for dioxins to convert into CO<sub>2</sub>.

JH: What length of life do you expect before you need to replace parts?

SG: It does depend on the installers; our best guess is that we will need to replace tiles in Year 4. We can live with one being worn but we aim to replace ASAP due to corrosion. We have one planned shut down for 14 days for maintenance each year.

JN: So the average is around 10%.

SD: Monitoring tests must be done by approved contractors accredited by the EA.

JH: When will the trucks turned up?

SG: Currently they are scheduled for around August/September which is when the plant will start receiving waste

ST: Looking at the WID chart, the level of mercury, which is one heavy metal, is quite high?

SG: It is 0.05mg/m<sup>3</sup> so actually quite low; the way it is presented on the slide makes it look higher than it is.

IB: The figure is a percentage of what is allowed.

JH: How is the combustion controlled?

SG: At 850oC, waste is fed onto the grate, rams start to push it onto the grate (forward acting grate). Air is pumped up - primary air for combustion. This 1. warms and dries out waste 2. Once at or above the 850 °C the waste will combust.

JH: So there is minimum dryness?

SG: Yes, it has to burn properly. If it is really wet, we can slow grate down. We control the furnace temperature: final O<sub>2</sub> at boiler outlet final steam temp controlled back to control fire rate speed of rams, grate etc. We wish to maintain

the burn at optimum temp and don't want to change the temperature if possible. MSW shouldn't be an issue, generally a good mixture.

EJ: Are you expecting C&I waste?

IB: The majority will be household black bag with some mixed residual waste from HHWRC. This is shredded and mixed. After that we will see if there is some headroom from C&I waste and that will be contracted with approved waste operators.

SG: The waste cranes are operational 24 hours per day doing a mixture of activities.

## **6. Topic for next meeting**

There will be a focus on:

- Commissioning
- Visitor centre
- Education activities

The next meeting is Monday 16<sup>th</sup> May 2016.

## **AOB**

ND: Can we have a site tour at the next meeting?

All agreed.

The meeting closed.