

HILL AND MOOR COMMUNITY LIAISON GROUP
Wednesday 22 November 2017, 18:00
Hill & Moor, Landfill Site Office

Present:

Worcestershire County Council	Cllr Liz Tucker (Chair) Vincent Connor Andrew Davies
Severn Waste Services	Michael Hornby Ana Gonzalez Mike Neath
Hill and Moor Parish Council	Tony Betteridge
Pinvin Parish Council	Ken Rowe
Wyre Piddle Parish Council	John Paul
Environment Agency	Emma Musgrove Sarah Dennis

Item	Action
1.0 Apologies for absence	
1.1 Apologies were received from Alan Wilson (Pinvin Parish Council), Cllr Charles Tucker (Bishampton and Throckmorton Parish Council), Richard Woodward (Worcestershire County Council) and Fernando Capelastegui (Severn Waste Services).	
Malcolm Argyle (Bishampton and Throckmorton Parish Council) met prior to the meeting with Michael Hornby at 17:00 to discuss the Incinerator Bottom Ash (IBA) Environmental Permit modification.	
2.0 Minutes from the previous meeting, 17 July 2017	
2.1 The minutes were agreed to be a true and accurate record of the meeting held.	
3.0 Matters arising	
3.1 Cllr Liz Tucker apologised for changing the CLG meeting date.	
4.0 Severn Waste Services Report	
4.1 A copy of the Severn Waste Services (SWS) Operational Report July 2017 – October 2017 was distributed to the group.	

Ana Gonzalez presented the SWS report, advising the following:

- 4.2 - Landfilling activities continued in Cell 5.3 throughout the reporting period.
- 4.3 - It is envisaged that 5.3 will not be completed until late 2018.
- 4.4 - Capping and restoration of Cell 5.2 was completed in October.
- 4.5 - A new cell (Cell 5.4) will be engineered in early 2018.

Five schedule 6 notifications reported during the period:

- 4.6 21 July 2017 – Electric export cable failure. A generator was on site to allow the flares to run. The fault was fixed on the 28 July 2017.
- 4.7 27 July 2017 – Breach of methane limit in BH7 (along the northern ditch). A level of 30.6% was detected against the limit of 1.5%. The landfill gas contractor increased suction in the area and the methane level returned to normal in August.

Ana Gonzalez confirmed to Tony Betteridge that the methane level was compliant in mid August.

Michael Hornby explained that there is a historical issue with a water course and engineering along the northern perimeter of the site. There is not a large external bund of clay like on the newer engineered perimeter of the site. Therefore suction management of landfill gas is more complex.

- 4.8 16 August 2017 – Breach of Chromium and Zinc limits in the leachate discharge consent. An investigation was carried out and leachate from cell 5.3 was found to be the source. The leachate was isolated from the treatment plant and the levels returned to normal.

	Limit (mg/l)	Level (mg/l)
Chromium	0.2	0.237
Zinc	0.3	0.307

Michael Hornby advised CLG members that zinc may be leaching from the incinerator bottom ash stockpile on site.

Leachate is stored in a central lagoon before being tankered off site to a treatment plant.

- 4.9 17 October 2017 – Breach of suspended solids in leachate discharge consent. A level of 56 mg/l was detected against the limit of 50 mg/l. Since then, the cycle of the leachate reactors has been changed from 12 hours to 24 hours to allow for a longer period of settlement before discharge into the river.
- 4.10 31 October 2017 – Breach of CO₂ and methane limits in borehole BH8 (along the northern ditch). The landfill gas contractor has increased suction in the area. SWS await the levels to return to normal.

	CO ₂	CO ₂ limit	CH ₄	CH ₄ limit
BH8	18%	3%	17%	1.5%

- 4.11 Michael Hornby advised that the IBA continues to be stockpiled on site following the initial campaign in April that was carried out as a trial.
- 4.12 The environmental permit modification to allow IBA to be treated on site has completed the required consultation process and no negative comments have been received.
- 4.13 The Environment Agency requested that SWS provide further information in support of the application in October, including fire prevention and dust management plans. This was supplied on 20 November.
- 4.14 The second campaign to process IBA will therefore take place in early 2018, with approximately 40,000 tonnes of IBA stockpiled.
- The new cell will be engineered to accommodate stockpiled IBA.
- 4.15 Sarah Dennis advised Cllr L Tucker that the trial was approved with conditions.
- 4.16 Michael Hornby explained that the existing permit only allows acceptance and storage of IBA, not treatment.
- The first screening campaign by *RockSolid* took place in April 2017. IBA was graded into four fragments and approximately 1,500 tonnes of metals were recovered.
- 4.17 Michael Hornby advised Ken Rowe that unburnt waste was a very low percentage of IBA.
- 4.18 CLG members questioned the profile of the completed west end of the landfill site. Michael Hornby advised that the highest part of the landfill is near the main entrance / access road. Cell 5.3 was engineered 8 meters below ground level and will drop off significantly on the west end of the site.
- 4.19 Ana Gonzalez will check the August Fly Tipping figure of 44 tonnes landfilled at Hill & Moor.
- 4.20 SWS advised that EnviRecover EfW facility was shut down for two weeks, as part of scheduled annual maintenance from 25 September. Only SWS vehicles and south Wychavon switched to delivering to Hill and Moor.
- 4.21 Michael Hornby advised interim end of waste criteria approval for screened IBA. A bound application (eg a concrete block) is subject to further testing.
- 4.22 Unbound usage only for direct deliveries to site of usage / eg road building.
- 4.23 End of waste criteria for unbound IBA is more problematic and it cannot be stored by a third party.

Sarah Dennis explained that the compost from Hill & Moor meets end of waste criteria. Air Pollution Control residue from EnviRecover that is sent to Avonmouth for recycling also meets end of waste criteria.

Consensus that recycling IBA is beneficial to all.

5.0 Environment Agency Report

- 5.1 Emma Musgrove advised that the EA has not received any odour or noise complaints.
- 5.2 Michael Hornby has provided further permit modification information to the EA regarding fire mitigation / prevailing wind monitoring and a dust management plan.
- 5.3 The decision from the EA is expected in January 2018.
- 5.4 No further EA inspections are expected / no further issues have been raised.
- 5.5 John Paul advised odour on one occasion, Tony Betteridge reported none.

6.0 AOB

- 6.1 Michael Hornby advised Cllr L Tucker that the old MRF buildings usage is split between a SWS workshop and a storage area occasionally for recycling during busy periods. Recovered scrap metal from the IBA screening process was previously stored in the building – this will not be done in the future.
- 6.2 Michael Hornby advised that the falconer is still on site and has been contracted for a further twelve months.
- 6.3 Fewer gulls have been visible on site, this is likely due to less organic / putrescible waste was being landfilled.
- 6.4 Fly spraying continues.

Fly monitoring will continue between April 2018 and September 2018.

- 6.5 Cllr L Tucker queried why the 50% recycling target is unlikely to be achieved by 2020.

Vincent Connor explained that many other Local Authorities offer free green waste collections that are included in the Recycling figures, therefore increasing rates to 50% - 60%. The IBA cannot be used at part of Worcestershire County Councils recycling tonnages.

7.0 The next meeting is scheduled for 18:00 Monday 12 March 2018.

8.0 The Meeting closed at 18:50

