



Good Neighbours Group Meeting

Minutes of the 4th meeting held on the 20th September 2018

Present		Abbreviations
Paul Carey	Managing Director MEB	PC
Ken Walsh	MVV Head of Resources	KW
Rob Bramhill	Senior Site Manager	RB
Pete Lawrence	Contract Manager MEB	PL
Oliver Kautz	Project Director MEB	OK
Andy Malcolm	Service Manager, Waste Partnership DCC	AM
Allan Melville	Good Neighbours Group (Hawick Drive Area)	AMel
	Good Neighbours Group (Balmoral Tenants and Residents Association)	YT
Yvonne Tosh		
Christina Roberts	Bailie for City Council, DCC	CR
Garvie Jamieson	Balmoral Residents and Tenants Association	GJ
Mimi Mwasame	Community Liaison Manager, MEB	MM
	National Waste Incineration Lead & PPC Specialist,	TC
Tracey Curie	SEPA	
	Good Neighbours Group (Friends of the Earth	JM
Jackie McKay	Tayside)	
Apologies		
Nicola Dobson	Good Neighbours Group (Phoenix Group)	ND
Gregor McGhee	QHSE Manager, MEB	GM
Peter Knapp	Head of Operation MEB	PK
		Good neighbours -GN

Item		Action
1	Review of the last meetings' minutes	
	Minutes of the 21 st June were approved.	
2	Discussions	
	<p>OK – See attached report about ongoing construction of the new EFW facility (appendix 1)</p> <ul style="list-style-type: none"> - TC enquired of options around steam testing – OK explained that the LCITP agreed on using Michelin steam instead of using a mobile steam operator. In addition, there will be a silencer installed. - Notification prior to the steam pipeline commission will be distributed. - Tests will only be carried out during the day <p>RB – Permits to work on weekends will be submitted to DCC</p> <ul style="list-style-type: none"> - Pilling will begin on the week commencing 17th December, - Christmas shutdown is between 21st December – 4th January 2019 - Investigation of a noise enquiry from Fiona Piggot, DCC, was found to have emanated from Michelin thus it was amicably resolved 	



	<ul style="list-style-type: none">- Regarding the flood mitigation works, we've had 8 different meetings with Dighty connect regarding tree stumps, catchment nets for dragonflies and they are happy with our resolution.- We will have a consultation meeting on 27th November with residents of Balunie drive- PC- the council are asking for favours to clear shrub to make a car park for the residents on Balunie crescent. <p>PL – Provided update on the outage. See attached report (appendix 2)</p> <ul style="list-style-type: none">- Approximately 3% of total waste received was sent to landfill to allow preventative maintenance and because of the high tonnage of waste we receive and are legally allowed to physical store onsite.- No significant injuries were reported throughout the outage <p>MM – see attached report on community benefits activities (appendix 3)</p>	
3	AOB	
	Next meeting will be held on the 21 st February at 12.30pm at the site construction offices.	

Main Project D&A EfW CHP Facility



- Piling Works completed with exception of the tipping hall which will be piled early next year
- Main Staircase and lift shaft completed, first pour of waste bunker wall towards boiler house complete
- FGT slab – rebar in place

Sub-Project Return Condensate Polishing Plant



- Commissioning completed
- Part 1 of the Performance Tests carried out
- Part 2 of the Performance Tests will follow in October, when condensate from Michelin will be available

Sub-Project Michelin Steam and Condensate Pipe



- Foundations completed
- Steelwork in the field completed up to the RCPP
- Steelwork assembly under Michelin gantry ongoing
- Pipework assembly ongoing
- LCITP Tests scheduled for 2nd and 3rd week in October
- Residual works hereafter

MVV Environment Baldovie Ltd's planned autumn shutdown has just concluded on time. Much work was completed during the 21 day outage.

Major refurbishment works were carried out along with other routine tasks. The highlights of this are below:

- Refractory on both furnaces lower walls was removed by ultra-high pressure water jetting, new anchors were installed to hold the refractory and a new coating of refractory was applied.



Figure 1 - Boiler tubes after hydro demolition, MVV staff inspecting tubes and new refractory anchors in place ready to be coated.



Figure 2 - New refractory (insulating layer) following application.

- The main chain conveyor which takes fuel to the fuel store was renewed. This conveyor chain had worn owing to the aggressive nature of the material it transports. The new chain installed should last a minimum of eighteen months.



Figure 3 - Worn chain, work inside the conveyor and new chain being installed.

- The main belt which carries fuel to the boilerhouse was replaced. The belt which was removed had been in service for over a decade.



Figure 4 - New belt being fitted

- Hammermill one's rotor (which weighs eleven tonnes) was replaced with a rotor which had been refurbished by a local engineering and fabrication company.
- The unserviceable secondary electromagnet which increases the removal efficiency for ferrous metals from 85% to 98% (in comparison to a single stage process) was removed from the top of the building, overhauled by a workshop in Falkirk and then reinstalled.



Figure 5 - Magnet reinstatement

- The economiser banks which are used to preheat the water before it enters the furnace were thoroughly cleaned by high pressure water jetting and inspected for any wear. Any weak areas found were repaired.



Figure 6 - Heat exchanger bundles after cleaning

- The heat exchangers which preheat the combustion air were washed through by MVV's waste attendants.



Figure 7 - MVV Waste Attendant inspecting air preheater

- Internal fuel conveyors had their wear parts replaced to ensure continued operation. In a plant which runs twenty four hours a day, seven days a week it is essential to maintain and replace wear parts such as chains to avoid costly downtime at a later date.

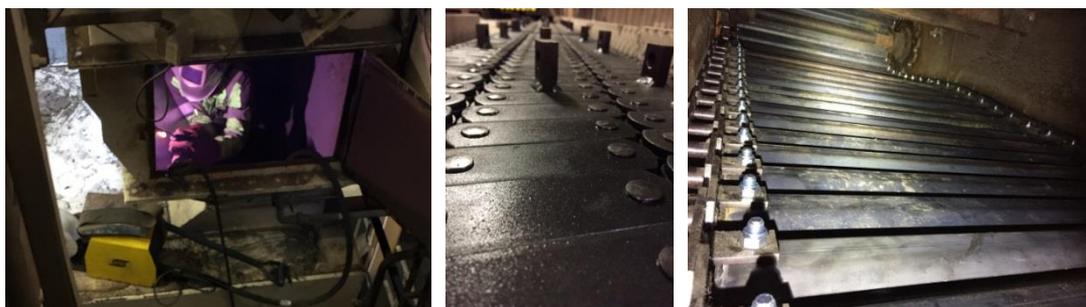


Figure 8 – MVV fitter welding a feed hopper, new chain before installation and an internal fuel conveyor with wear parts replaced.

- Additional pipework was installed to enable the boilers to be filled from different water supplies which will aid maintenance works in future.

- Both cooling water non-return valves were removed and overhauled off site by a company based in Inverkeithing before being craned back in.



Figure 9 - (from left to right) Valve removal followed by reinstallation

- The flue gas treatment plant was thoroughly inspected and any weak areas were replaced.



Figure 10 - Access to and upgrade of the flue gas treatment plant

- The steam turbine and generator had a minor service.

- Both stacks were inspected by steeplejacks and some minor painting works were carried out at both the top and base. This ensures there is no corrosion and that the lightning conductors and earths are in good order to ensure they are in a good state to operate for another twelve months.



Figure 11 - Steeplejacks inspecting and painting a stack

- Areas of plant not accessible during normal operation were inspected by MVV staff and contractors to ensure they were in a condition suitable for continued operation. Some of these as can be seen in the below photograph are very small to fit into or need other parts of the plant removed to gain access.

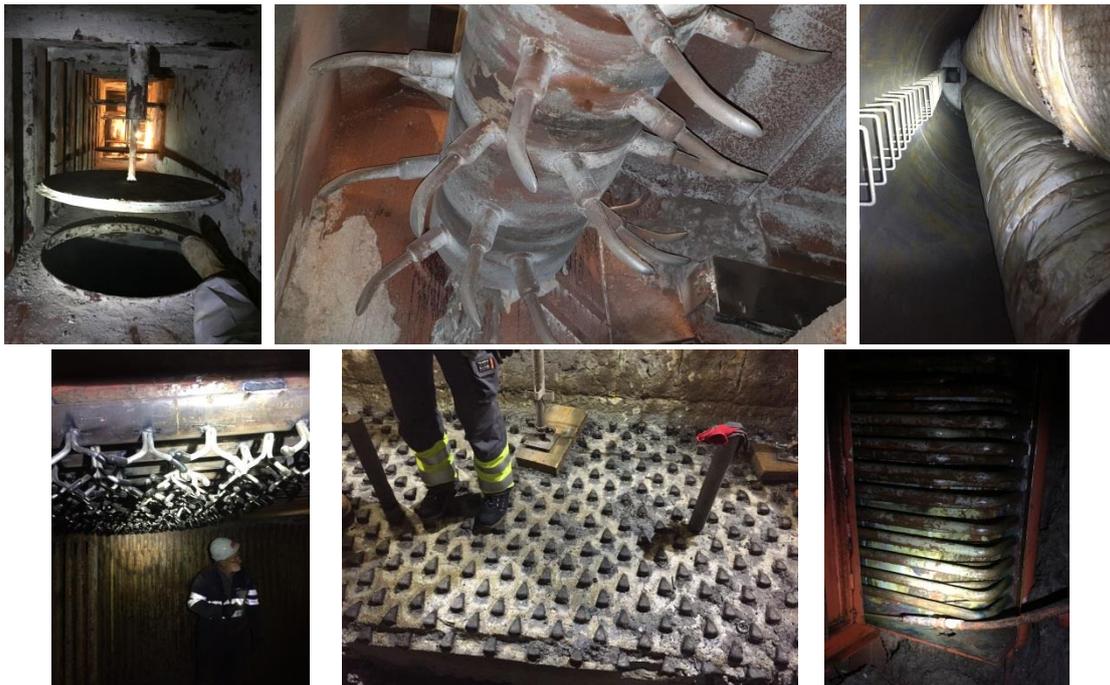


Figure 12 - Plant inspections

Both MVV team and their subcontractors put in a huge amount of time and effort to ensure that the project was completed safely and on time.

The work carried out should ensure trouble free operation of the plant until the next scheduled outage in March 2019.



Figure 13 - Team photo of the staff and contractors remaining on site (from a peak of 90) during the final week of the shutdown

Appendix 3

Community Benefits and Activities

The following took place in the month of June,

- 14th June – As part of MEB's commitment to knowledge and information sharing, Peter Knapp (Head of Operations and Maintenance) provided an MEB EfW presentation to Dundee & Angus college and CEED.
- 18th June – MEB held a Tree planting ceremony / Ground breaking ceremony to celebrate the commencement of construction of the Residual Waste Treatment (RWT) facility. MVV Energie CEO Dr Muller, the leaders and Lord Provosts of Dundee City and Angus Councils and the Michelin Baldovie Plant Manager were in attendance along with key stakeholders from region including the Good Neighbours Group.
- 19th June – We hosted and provided a facility tour to a small delegation from Dundee's sister UNESCO City of Design, Geelong in Australia, including Mayor Harwood and Director of Economics Tim Ellis.
- 21st June – The quarterly Good Neighbours meeting was held at the site construction offices. This meeting saw the signing of the Good Neighbours Charter

The following community engagement activities occurred during the month of July:

- 3rd July – MEB had its first two interns start from University of Dundee. Their placements finish at the end of August.
- 13th July – MEB distributed late night working notices to residents in Kilwinning Place, Maybole Place, Montpellier Gardens, Hawick Drive, Balumbie Road, Balunie Drive, Balmoral Avenue

The following community engagement activities occurred during the month of August:

- 1st August – A MEng Chemical and Process Engineering student, began her internship working on the commissioning of the RCCP.
- 3rd August – Notice were issued to the adjacent scrapyards owner regarding the eradication of giant hogweed and concerns over speeding vehicles along the Forties Road.
- 23rd August – Mimi Mwasame, Community Liaison Manager spoke at the 'What does CSR really mean to business' event organised by the Dundee and Angus Chamber of commerce, hosted in partnership with The Circle Dundee and sponsored by Towergate.
- 31st August – MEB was the principal sponsor (£3000) for the Dundee Food and Flower festival Pocket Garden Competition.