

<b>Project Title</b>	MVV EfW CHP facility
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<b>Date</b>	26.02.15
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<b>Work Stage</b>	Commissioning - Post Steam Blowing
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<b>Operator</b>	DE
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<b>Location Ref.</b>	N/A
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<b>Start Time</b>	13:53
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<b>Location Address</b>	Football Pitch- Corner of Poole Park Road and Savage Road
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<b>Stop Time</b>	14:03
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**Equipment set up**


SLM	SLM serial no		Mic Serial no	
1	B&K 2238	✓		

Calibrator	Cal serial no.	
B&K 4231		✓

Equipment checklist		
Check date and time		✓
Wind shield correction		✓
Correction set to frontal		✓
Logging period	1min	✓
Available memory		✓
Battery voltage		✓
Internal battery removed		x
Mic height above ground	1.5	✓
Distance from façade/Free Field	FF	✓

System calibration check	
Calibration level at start	93.3
Calibration level at end	93.3
Lowest Noise Level*	33.1

*\*To check lowest noise leave the calibrator on the microphone and switch off the calibrator . Wait until settled (ideal <30dB). If possible use a dummy microphone.*

Set up checked
Signed: 

Equipment performance OK?
start: ✓
end: ✓

Weather Conditions	Start	End
Wind Speed	2.0ms	2.0ms
Wind Direction *	N	N
Cloud cover (in 1/8ths)	4/8th	4/8th
Temperature	9oC	9oC
Other notes	Some strong gusts	

ms <sup>-1</sup>	mph	Description	Effects
0.0-0.4	0-1	Calm	smoke rises vertically
0.4-1.3	1-3	Light air	smoke drifts in wind
1.8-3.1	4-7	Light Breeze	leaves rustle/wind felt on face
3.6-5.0	8-11	Gentle Breeze	small twigs in constant motion
5.0+	11.2+	<b>DO NOT MEASURE ABOVE THIS SPEED</b>	

Subjective Assessment of Noise Environment
<b>Dominant Noise:</b> Road traffic - Savage Road and Poole Park Road Humming noise from the facility
<b>Secondary Noise:</b> Trains
Pedestrians

Additional Notes (record any information pertinent to the measured noise levels)

Site: Football Pitch  
 Date: 26.02.15  
 Meter: B&K 2238

BREAKDOWN OF RESULTS - 5 Minute Periods					
Start time	Duration	LAeq (dB)	LAFmax (dB)	LAF90 (dB)	Notes
26/02/2015 13:53	01:00.0	58.3	68.2	49.5	
26/02/2015 13:54	01:00.0	50.1	54.6	48	
26/02/2015 13:55	01:00.0	51.9	56.2	49	
26/02/2015 13:56	01:00.0	53.5	58.8	50.5	
26/02/2015 13:57	01:00.0	51.6	54.8	49	
26/02/2015 13:58	01:00.0	52.8	58.9	50.5	
26/02/2015 13:59	01:00.0	52.1	56.4	49	
26/02/2015 14:00	01:00.0	52.1	62.2	48.5	
26/02/2015 14:01	01:00.0	52.3	57.5	49.5	
26/02/2015 14:02	01:00.0	53.1	57	49	
		<b>53</b>	<b>68</b>		

**RESULTS**

Estimated LAeq,1hr (adjusted to account for extraneous off-site noise sources) (Free-Field)	53
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