

Appendix A7.5 October 2016 Dust and Odour Report

TEST REPORT 131062



Client:

**Priority Construction
162 Clontarf Road
Clontarf
Dublin 3**

BHP Ref No.: 16/10/1380

Order No.:

Date Received: 21st October 2016

Date Tested: 27th 21st October 2016

Test Specification: Nil

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FAO: Mr. Paraic Madden

**Item: Monitoring of emissions to air at locations O1, O2, O3 & O4 at the at the
Kerdiffstown Landfill located near Naas, Co Kildare.**

For and on behalf of BHP Ltd.

A handwritten signature in black ink, appearing to read 'Dervla Purcell'.

Dervla Purcell

Date Issued: 1st November 2016

Supplement to report No. N/A

Test results relate only to this item. This test report shall not be duplicated except in full and with the permission of the test laboratory

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1.0 SCOPE OF SURVEY

At the request of Paraic Madden of Priority Construction, BHP Laboratories Ltd undertook to perform gas monitoring and odour observations at 4 nominated locations in Kerdiffstown Landfill, Co Kildare.

2.0 SURVEY APPROACH

All locations were assessed for ammonia, hydrogen sulphide and mercaptans by Drager tube. On site odour observations were also noted at each location

The locations are named D1-D4. They are the same locations as the noise monitoring locations and the dust gauges. A site map showing the monitoring locations is presented in Appendix A. Photographs of the sampling locations are presented in appendix B.

3.0 DATE OF SURVEY

Sampling was carried on the 21st October 2016 by Aidan Daffy.

4.0 RESULTS

Results of the gas monitoring and odour observations survey are presented in the following table:

Table 1 Kerdiffstown Landfill - Monitoring Locations 21st October 2016							
Sample No.	Location	Wind Speed m/s	Wind Direction	Drager Tube	Colour Change	Result (ppm)	Sampling Observations
1	D1	0-1	E	Ammonia	None	<0.25	No odour observed.
				Mercaptans	None	<0.5	
				Hydrogen Sulphide	None	<0.2	
2	D2	0-1	E	Ammonia	None	<0.25	No odour observed.
				Mercaptans	None	<0.5	
				Hydrogen Sulphide	None	<0.2	
3	D3	0-1	E	Ammonia	None	<0.25	No odour observed.
				Mercaptans	None	<0.5	
				Hydrogen Sulphide	None	<0.2	
4	D4	0-1	E	Ammonia	None	<0.25	No odour observed.
				Mercaptans	None	<0.5	
				Hydrogen Sulphide	None	<0.2	

5.0 CONCLUSIONS

There was no Ammonia, Mercaptan or Hydrogen Sulphide detected above the limit of detection at all monitoring locations as can be seen in Table 1.

Appendix A

Map indicating odour-monitoring locations



Appendix B

Photographs of odour monitoring locations on-site

Odour monitoring Location D1



Odour monitoring Location D2



Odour monitoring Location D3



Odour monitoring Location D4

