St Peters Interchange Odour and Gas Monitoring Report

Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	04/07/2017-10/07/2017
Website:	WestConnex – Explore the Route – New M5 (Beverly Hills to St Peters) – New M5 Resources
Environmental Protection licence number/s:	4627
Premise addresses	New M5 St Peters Interchange, 10-16 Albert Street, St Peters NSW 2044
EPA Public Register	http://www.epa.nsw.gov.au/prpoeo/index.htm

Monitoring Type: Odour and Gas Monitoring
Monitoring Frequency: Daily

					Monitoring Locations[2]														
					OM1[1,3]			OM2[1,3]			OM3[1,3]			OM4[1,3]			OM5[1,3]			
Date	Monitoring Start Time	Monitoring Finish Time	Surveyor	Wind Direction	Odour (odour units)	H_2S(ppb)	NH_3(ppm)	Odour (odour units)	H_2S (ppb)	NH_3 (ppm)	Odour (odour units)	H_2S (ppb)	NH_3 (ppm)	Odour (odour units)	H_2S (ppb)	NH_3 (ppm)	Odour (odour units)	H_2S (ppb)	NH_3(ppm)	Comments
4/07/2017	4:00:00 PM	5:10:00 PM	SEMA	WNW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
5/07/2017	3:50:00 PM	5:00:00 PM	SEMA	SW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
6/07/2017	3:30:00 PM	4:45:00 PM	SEMA	WSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
7/07/2017	4:00:00 PM	5:10:00 PM	SEMA	WNW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
8/07/2017	2:00:00 PM	3:15:00 PM	SEMA	WNS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
9/07/2017	3:00:00 PM	3:50:00 PM	SEMA	W	ND	ND	ND	ND	BD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.
10/07/2017	3:45:00 PM	5:00:00 PM	SEMA	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detects at all sites.

[1]ND = Non-detect [2]Refer to monitoring map attached [3]NT = Not Tested (monitoring location not accessible/not yet selected)

Note: Leachate odour compliance limit = 2, H_2S limit of detection = 1 part per billion, NH_3 limit of detection = 1 part per million

Legend

- ★ Discharge Point
- ▲ Dust Gauge
- ● Leachate Monitoring Location
- ⬤ Odour Monitoring Location
- ⬤ Groundwater Monitoring Location
- ⧄ ALF (subject to EPL No. 4627)

Metres
0 50 100 200 300

WestConnex Motorway Alexandria Landfill, EPL 4627: Environmental Monitoring (Rev 03)