St Peters Interchange Odour and Gas Monitoring Report
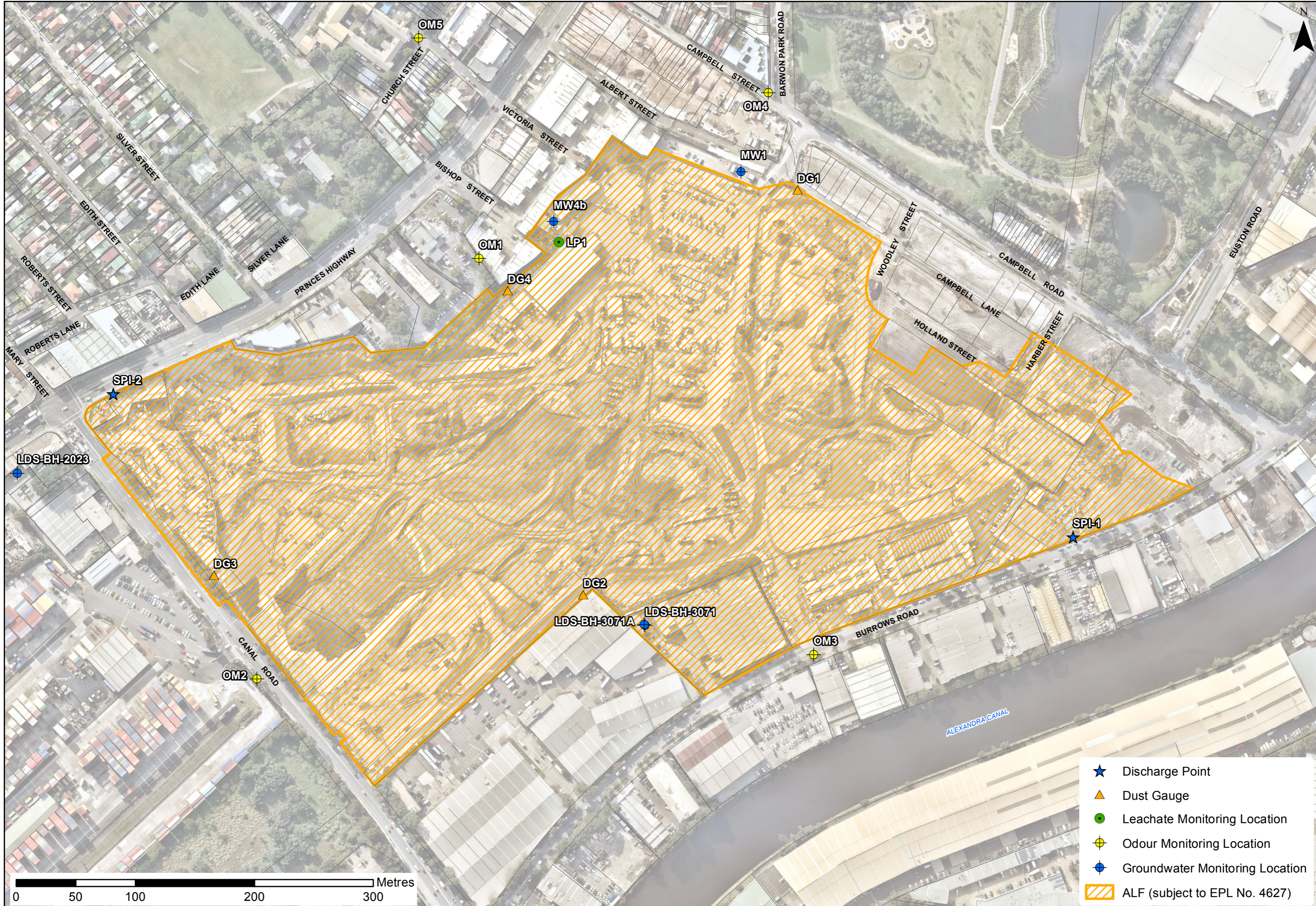
Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	25/07/2017-31/07/2017
Website:	WestConnex – Explore the Route – New M5 (Beverly Hills to St Peters) – New M5 Resources
Environmental Protection licence number/s:	4627
Premise addresses	New M5 St Peters Interchange, 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
25/07/2017	3:45:00 PM	4:55:00 PM	SEMA	NW-NNW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
26/07/2017	4:00:00 PM	5:10:00 PM	SEMA	W-WSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
27/07/2017	3:30:00 PM	4:40:00 PM	SEMA	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
28/07/2017	2:05:00 PM	3:10:00 PM	SEMA	SW-W	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
29/07/2017	3:15:00 PM	4:10:00 PM	SEMA	NW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
30/07/2017	3:00:00 PM	4:00:00 PM	SEMA	N-NW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
31/07/2017	2:20:00 PM	3:15:00 PM	SEMA	W-SW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.

[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

Symbol	Description
★	Discharge Point
▲	Dust Gauge
●	Leachate Monitoring Location
⊕	Odour Monitoring Location
●	Groundwater Monitoring Location
▨	ALF (subject to EPL No. 4627)

WestConnex Motorway Alexandria Landfill, EPL 4627: Environmental Monitoring (Rev 04)