

St Peters Interchange Odour and Gas Monitoring Report



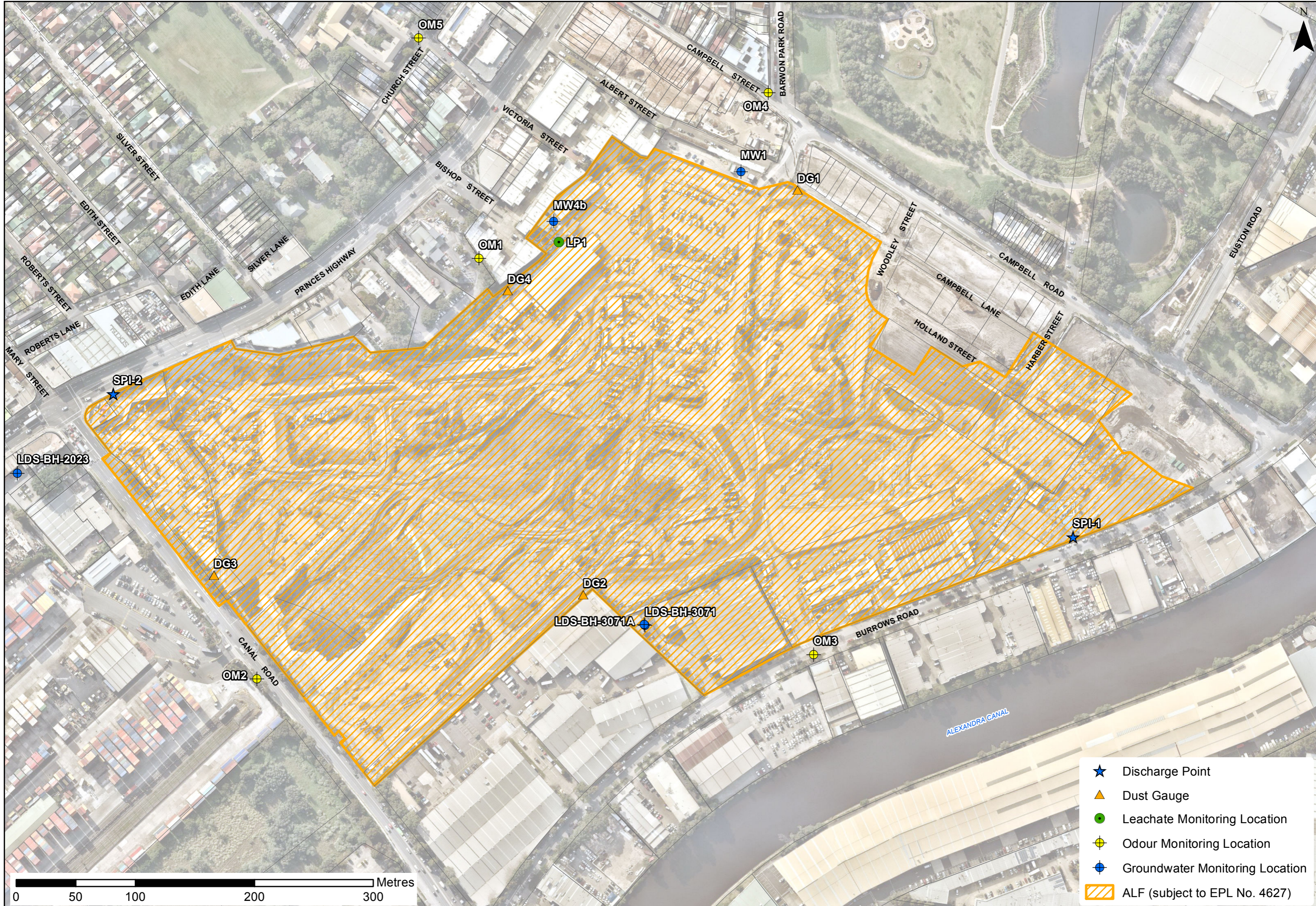
Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	18/07/2017-24/07/2017
Website:	WestConnex – Explore the Route – New M5 (Beverly Hills to St Peters) – New M5 Resources
Environmental Protection licence number/s:	4627
Premise addresses	New M5 St Peters Interchange, 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

Date	Monitoring Start Time	Monitoring Finish Time	Surveyor	Wind Direction	Monitoring Locations ²															Comments
					OM1 ^{1,3}			OM2 ^{1,3}			OM3 ^{1,3}			OM4 ^{1,3}			OM5 ^{1,3}			
					Odour (odour units)	H ₂ S(ppb)	NH ₃ (ppm)	Odour (odour units)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (odour units)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (odour units)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (odour units)	H ₂ S (ppb)	NH ₃ (ppm)	
18/07/2017	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 detection at all locations.
19/07/2017	4:00:00 PM	5:15:00 PM	SEMA	W	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
20/07/2017	3:30:00 PM	4:45:00 PM	SEMA	WSW-W	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
21/07/2017	3:30:00 PM	4:35:00 PM	SEMA	S-SW	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	OM1 and OM5 odours ranged from < 2 to 2 with a detergent/surfactant odorant characteristics
22/07/2017	2:50:00 PM	3:45:00 PM	SEMA	W-NW	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	At location OM3 <2 slight detergent/surfactant odorant characteristics
23/07/2017	2:00:00 PM	3:10:00 PM	SEMA	NW	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	At location OM3 <2 slight detergent/surfactant odorant characteristics
24/07/2017	2:45:00 PM	3:40:00 PM	SEMA	W	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.

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

Note: Leachate odour compliance limit = 2, H₂S limit of detection = 1 part per billion, NH₃ limit of detection = 1 part per million



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