

St Peters Interchange Odour and Gas Monitoring Report

Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	18 th – 21 st June 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

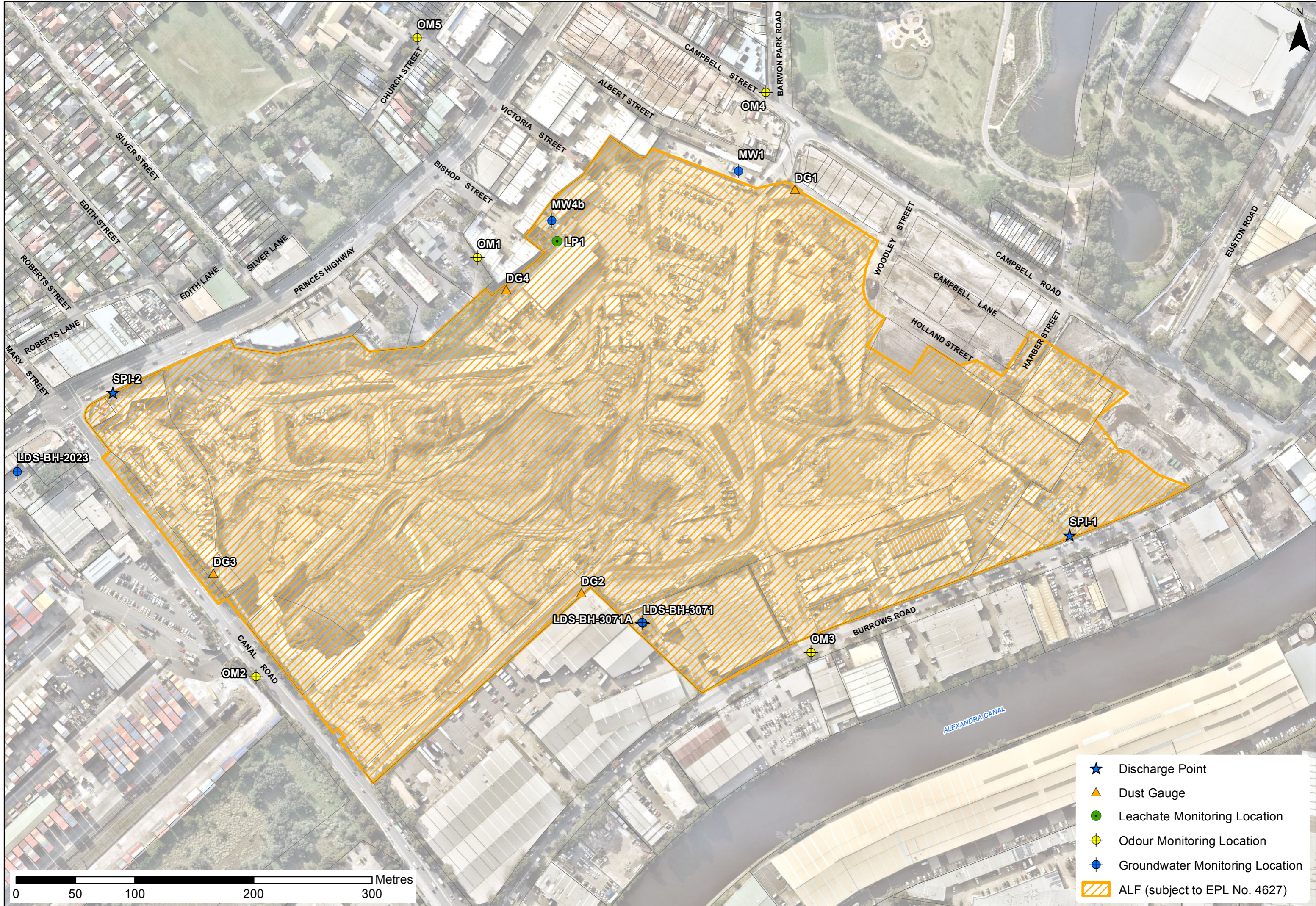
Monitoring Type: Odour and Gas Monitoring

Monitoring Frequency: Daily

Date	Surveyor	Wind Direction	Monitoring Locations ²															Comments	
			OM1			OM2			OM3			OM4			OM5				
			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)		
18/06/2017	SEMA	SSW	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	OM1 and OM4 odours ranged from NIL detects to detections of occasional wafts of lemon detergent that were less than (<) 2.
19/06/2017	SEMA	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	At location OM4 odours ranged from NIL detects to detections of occasional wafts of detergent that were less than (<) 2.
20/06/2017	SEMA	SSE	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At location OM2 odours with occasional grey water and tallow characteristics.
21/06/2017	SEMA	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	1	ND	ND	ND	ND	At location OM4 with grey water, sulphide and burnt max phosphorus characteristics when detected.

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)