

St Peters Interchange Odour and Gas Monitoring Report



Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	11 th -17 th 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

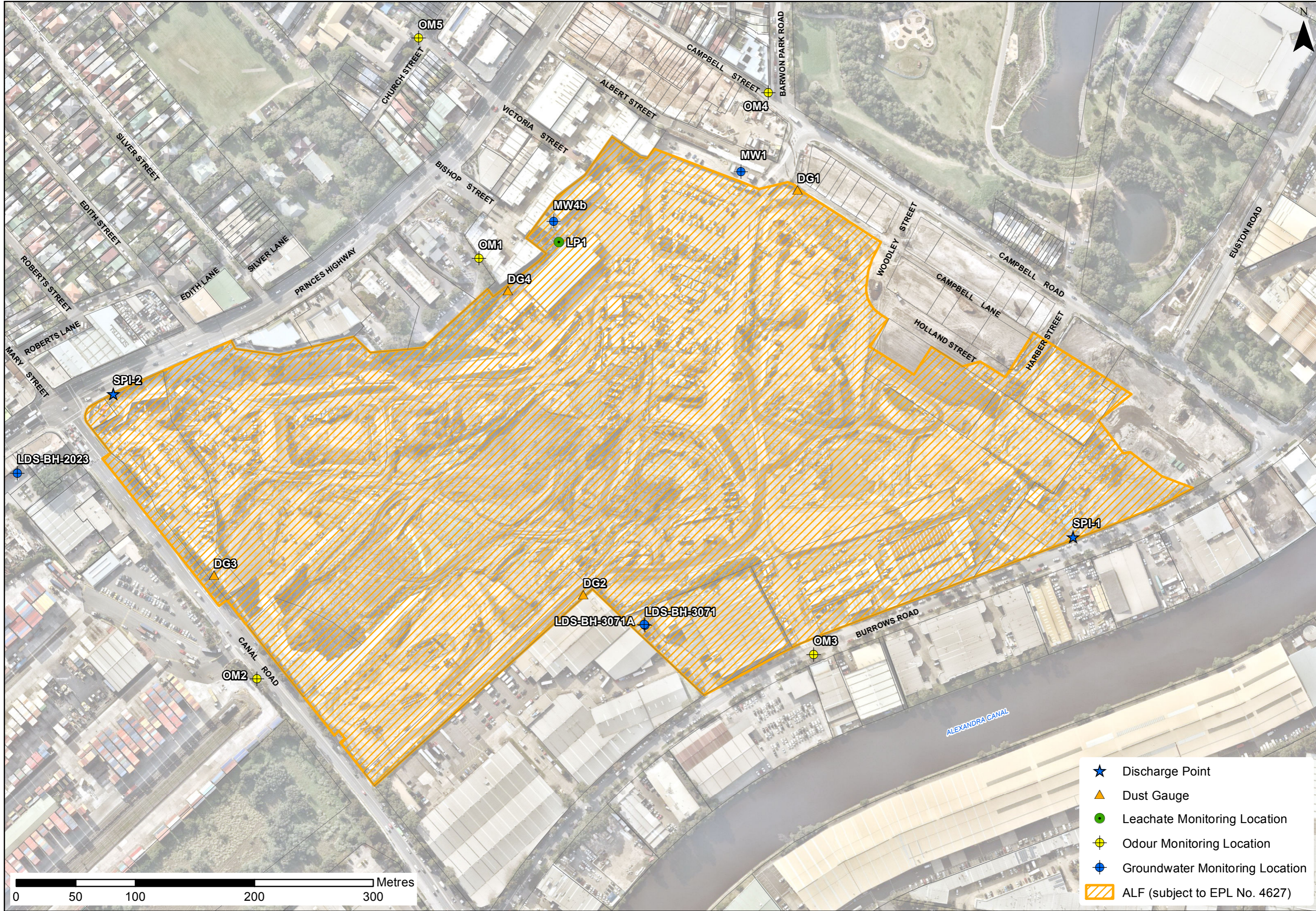
Monitoring Type: Odour and Gas Monitoring

Monitoring Frequency: Daily

Monitoring Locations ²																			
Date	Surveyor	Wind Direction	OM1			OM2			OM3			OM4			OM5			Comments	
			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)		
11/06/2017	SEMA	S	ND	ND	ND	ND	ND	ND	ND	<1.0	ND	ND	ND	ND	ND	ND	ND	ND	OM3 detect characterised as cabbage and slight sulphur. Compliant.
12/06/2017	SEMA	S	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	OM1 detect characterised as sulphide, odorant, detergent. Compliant.
13/06/2017	SEMA	S	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	OM1 detect characterised as grey water, sulphuric acid. Compliant.
14/06/2017	SEMA	ENE	ND	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	OM2 detect characterised as grey water, amines, urea. Compliant.
15/06/2017	SEMA	ENE	ND	ND	ND	<2	ND	ND	2	2	ND	ND	ND	ND	ND	ND	ND	ND	OM3 laundry detergent and odorant odour characteristics. H ₂ S detected at OM3 the peak of the odour emission. This peak coincided with an older diesel powered truck passing (non-CDS-JV). Compliant.
16/06/2017	SEMA	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	ND	OM4 grey water and odorant odour characteristics. Compliant.
17/06/2017	SEMA	SSW	<2	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	<2	ND	ND	ND	OM1 and OM4 light grey water and sweet odorant odour characteristics. Compliant.

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)

0 50 100 200 300 Metres