

St Peters Interchange Odour and Gas Monitoring Report



Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	13/12/2017-19/12/2017
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)	
13/12/2017	2:00:00 PM	3:20:00 PM	CDSJV	NNE	<2	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM1 Fragrant (713) and (706) at OM2
14/12/2017	3:40:00 PM	4:40:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
15/12/2017	1:45:00 PM	2:28:00 PM	CDSJV	S	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM3 Fragrant (719) and (710) at OM4
16/12/2017	2:07:00 PM	2:59:00 PM	CDSJV	ENE	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM2 Fragrant (416)
17/12/2017	3:30:00 PM	4:30:00 PM	SEMA	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
18/12/2017	3:05:00 PM	7:40:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	At Location OM4 Fragrant (406)
19/12/2017	3:11:00 PM	4:03:00 PM	CDSJV	NE	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