

St Peters Interchange Odour and Gas Monitoring Report



Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	08/08/2017-14/08/2017
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	Monitoring Start Time	Monitoring Finish Time	Surveyor	Wind Direction	OM1 ^{1,3}			OM2 ^{1,3}			OM3 ^{1,3}			OM4 ^{1,3}			OM5 ^{1,3}			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)	
8/08/2017	2:20:00 PM	3:10:00 PM	CDSJV	W-WSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
9/08/2017	4:00:00 PM	4:55:00 AM	CDSJV	SSE-SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
10/08/2017	4:00:00 PM	4:58:00 PM	CDSJV	NNW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
11/08/2017	2:45:00 PM	3:28:00 PM	CDSJV	SW-WSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	Fragrant odour (105) with wind gust's
12/08/2017	12:00:00 PM	1:10:00 PM	SEMA	W-WSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
13/08/2017	3:30:00 PM	4:45:00 PM	SEMA	ESE	ND	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM2 <2 grey water characteristic, with bushfire smoke odour over the survey area
14/08/2017	3:00:00 PM	4:10:00 PM	CDSJV	NW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Bushfire smoke odour (414) over the survey area

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