

St Peters Interchange Odour and Gas Monitoring Report



Project name:	WestConnex – New M5
Licensee	CPB Contractors Pty Limited
Monitoring period	20/12/2017-26/12/2017
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)	
20/12/2017	2:05:00 PM	2:55:00 PM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	Location OM5 Fragrant (411 &710) Detected
21/12/2017	4:06:00 PM	4:43:00 PM	CDSJV	ESE	<2	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	<2	ND	ND	Location OM1, OM4 & OM5 Fragrant (701) Detected
22/12/2017	2:59:00 PM	3:38:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
23/12/2017	2:14:00 PM	3:21:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
24/12/2017	3:00:00 PM	4:01:00 PM	CDSJV	S	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Location OM2 Fragrant (406) Detected
25/12/2017	1:58:00 PM	2:49:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
26/12/2017	3:18:00 PM	4:04:00 PM	CDSJV	E	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