

Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	December 2019	
Website:	https://www.westconnex.com.au/NewM5Environment	
Environment Protection licence number/s:	20772	4627
Premise addresses	WestConnex New M5, between Beverly Hills and St Peters, Beverly Hills NSW 2209	New M5 St Peters Interchange, 10-16 Albert Street, St Peters NSW 2044

Monitoring Type: Water Discharge Monitoring

Discharge/Monitoring Point	Date sampled	Total suspended solids		pH		Oil & Grease		Monitoring frequency	Comment
		Licence limit	Result	Licence limit	Result	Licence limit	Result		
Water Treatment Plant ARN-2	1/12/2019	50	10.0	6.5-8.5	6.55	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/12/2019	50	10.3	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/12/2019	50	7.60	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/12/2019	50	14.0	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/12/2019	50	13.0	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/12/2019	50	14.4	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/12/2019	50	5.96	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/12/2019	50	9.20	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/12/2019	50	30.5	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/12/2019	50	6.50	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/12/2019	50	8.40	6.5-8.5	7.3	None visible	None	Each discharge	Compliant

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Discharge/Monitoring Point	Date sampled	Total suspended solids		pH		Oil & Grease		Monitoring frequency	Comment
		Licence limit	Result	Licence limit	Result	Licence limit	Result		
Water Treatment Plant ARN-2	13/12/2019	50	8.00	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/12/2019	50	5.30	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/12/2019	50	10.8	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/12/2019	50	6.44	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/12/2019	50	6.00	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/12/2019	50	12.0	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/12/2019	50	4.40	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/12/2019	50	6.00	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/12/2019	50	8.63	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/12/2019	50	8.10	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/12/2019	50	5.10	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/12/2019	50	0.50	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/12/2019	50	4.50	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/12/2019	50	4.50	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/12/2019	50	5.49	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/12/2019	50	8.50	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/12/2019	50	8.70	6.5-8.5	6.6	None visible	None	Each discharge	Compliant

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Discharge/Monitoring Point	Date sampled	Total suspended solids		pH		Oil & Grease		Monitoring frequency	Comment
		Licence limit	Result	Licence limit	Result	Licence limit	Result		
Water Treatment Plant ARN-2	30/12/2019	50	8.90	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/12/2019	50	5.20	6.5-8.5	7.0	None visible	None	Each discharge	Compliant

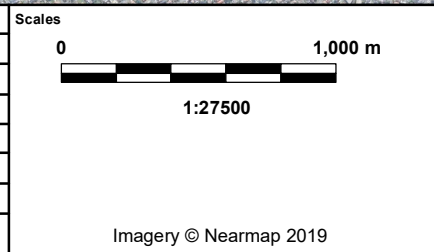
* A correlation between TSS and Turbidity has been established. Including a safety factor, the turbidity limit is 50NTU.

Monitoring Type: Dust Monitoring (EPL 4627)

Monitoring Point / EPA Identification point (EPL 4627)	Start Date	Finish Date	Dust Deposition g/m2/month	Comment
DG01	14/11/2019	16/12/2019	19.0	
DG02	14/11/2019	16/12/2019	15.3	
DG03	14/11/2019	16/12/2019	8.7	
DG04	14/11/2019	16/12/2019	6.2	



Rev	Description	Date	Approved
Z	ALF Boundary modification, Discharge/Dust Gauge remove/ removal	30/01/2020	
Y	Premised Area boundary modification	30/09/2019	
X	Premised Area boundary modification	30/08/2019	
W	ALF Boundary and Premise Area modification	18/06/2019	
U	Premised Area boundary modification	17/01/2019	
T	Added Discharge Point	08/01/2019	
S	Premised Area boundary modification	13/11/2018	



Client

Status
For Information Only - NOT FOR CONSTRUCTION

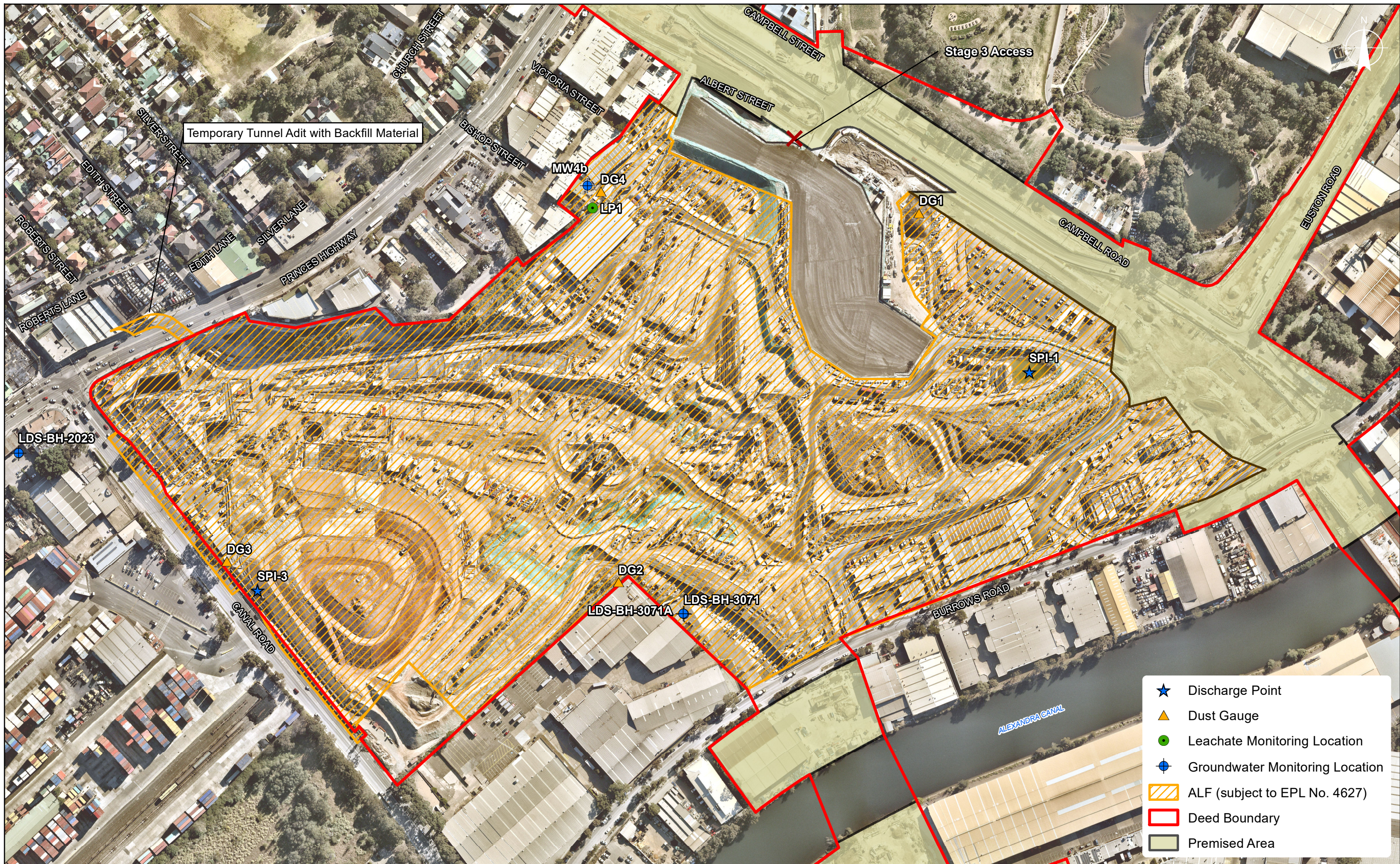
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	PS
Height Datum	AHD	Date Printed	30/01/2020
Filename:	Premise_Overview_revZ.mxd		

WestConnex New M5

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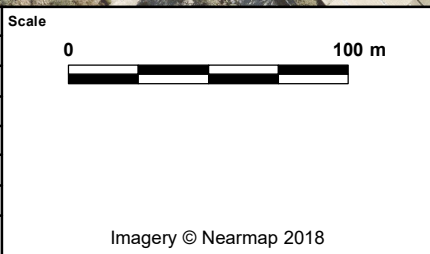
Premise Map Overview

DOCUMENT NUMBER
M5N-ES-MAP-PWD-0001-25



- ★ Discharge Point
- ▲ Dust Gauge
- Leachate Monitoring Location
- ⊕ Groundwater Monitoring Location
- ▨ ALF (subject to EPL No. 4627)
- ▭ Deed Boundary
- ▭ Premised Area

Rev	Description	Date	Approved
R	ALF Boundary modification, Dust Gauge move	30/01/2020	
Q	Premised Area boundary modification	17/01/2019	
P	Added Discharge Point	08/01/2018	
O	Modified premised area boundary	04/10/2018	
N	ALF Boundary and Premise Area modification	04/09/2018	
M	ALF Boundary and Premise Area modification	03/07/2018	
L	Modified premised area boundary	14/03/2018	



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Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	CG
Height Datum	AHD	Date Printed	30/01/2020
Filename:	Premise_SPI_RevR.mxd		

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Premise Map
St Peters Interchange

DOCUMENT NUMBER
M5N-ES-MAP-PWD-0001-25