

Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	April 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	1/04/2019	50	14.30	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	1/04/2019	50	0.85	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/04/2019	50	1.70	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/04/2019	50	1.18	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/04/2019	50	0.66	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	3/04/2019	50	1.43	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/04/2019	50	1.25	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	4/04/2019	50	2.20	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/04/2019	50	20.0	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/04/2019	50	1.05	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/04/2019	50	1.39	6.5-8.5	8.3	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 BED-1	6/04/2019	50	0.85	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/04/2019	50	9.20	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/04/2019	50	1.13	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/04/2019	50	2.90	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	8/04/2019	50	12.4	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	9/04/2019	50	0.93	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/04/2019	50	3.10	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/04/2019	50	0.80	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/04/2019	50	4.00	6.5-8.5	8.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/04/2019	50	1.10	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/04/2019	50	3.40	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	12/04/2019	50	21.8	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/04/2019	50	12.7	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/04/2019	50	1.17	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/04/2019	50	8.01	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	14/04/2019	50	1.10	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/04/2019	50	3.40	6.5-8.5	7.4	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 BED-1	15/04/2019	50	1.27	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/04/2019	50	18.8	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/04/2019	50	3.61	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/04/2019	50	2.10	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/04/2019	50	2.10	6.5-8.5	8.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	18/04/2019	50	21.8	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/04/2019	50	7.80	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/04/2019	50	0.95	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/04/2019	50	2.60	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/04/2019	50	1.13	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/04/2019	50	5.00	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/04/2019	50	1.20	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/04/2019	50	0.50	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/04/2019	50	0.65	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/04/2019	50	12.3	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	23/04/2019	50	1.70	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/04/2019	50	11.1	6.5-8.5	7.9	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 BED-1	24/04/2019	50	3.70	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/04/2019	50	9.11	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	25/04/2019	50	1.43	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/04/2019	50	2.48	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	26/04/2019	50	1.26	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/04/2019	50	7.00	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	27/04/2019	50	1.30	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/04/2019	50	3.00	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	28/04/2019	50	0.80	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/04/2019	50	9.80	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	29/04/2019	50	1.45	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/04/2019	50	3.12	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	30/04/2019	50	4.50	6.5-8.5	7.2	None visible	None	Each discharge	Compliant

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






Environment Protection Licence Monitoring Data



Monitoring Type: Dust Monitoring (EPL 4627)

Monitoring Point / EPA Identification point (EPL 4627)	Start Date	Finish Date	Dust Deposition g/m2/month	Comment
SG01	12/03/2019	13/04/2019	9.0	
SG02	12/03/2019	13/04/2019	6.8	
SG03	12/03/2019	13/04/2019	3.0	
SG04	12/03/2019	13/04/2019	3.5	



-  Discharge Point
-  Railway Station
-  ALF (subject to EPL No. 4627)
-  Deed Boundary
-  Premised Area

Rev	Description	Date	Approved
U	Premised Area boundary modification	17/01/2019	
T	Added Discharge Point	08/01/2019	
S	Modified premised area boundary	13/11/2018	
R	Premised Area boundary modification	04/10/2018	
Q	ALF and Premised Area boundary modification	04/09/2018	
P	Modified Premise Area Boundary	12/07/2018	
O	ALF Boundary and Premise Area modification	03/07/2018	

Scales

0 1,200 m

1:36000


Imagery © Nearmap 2018

Client



Status			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	CG
Height Datum	AHD	Date Printed	17/01/2019
Filename:	Premise_Overview_revU.mxd		

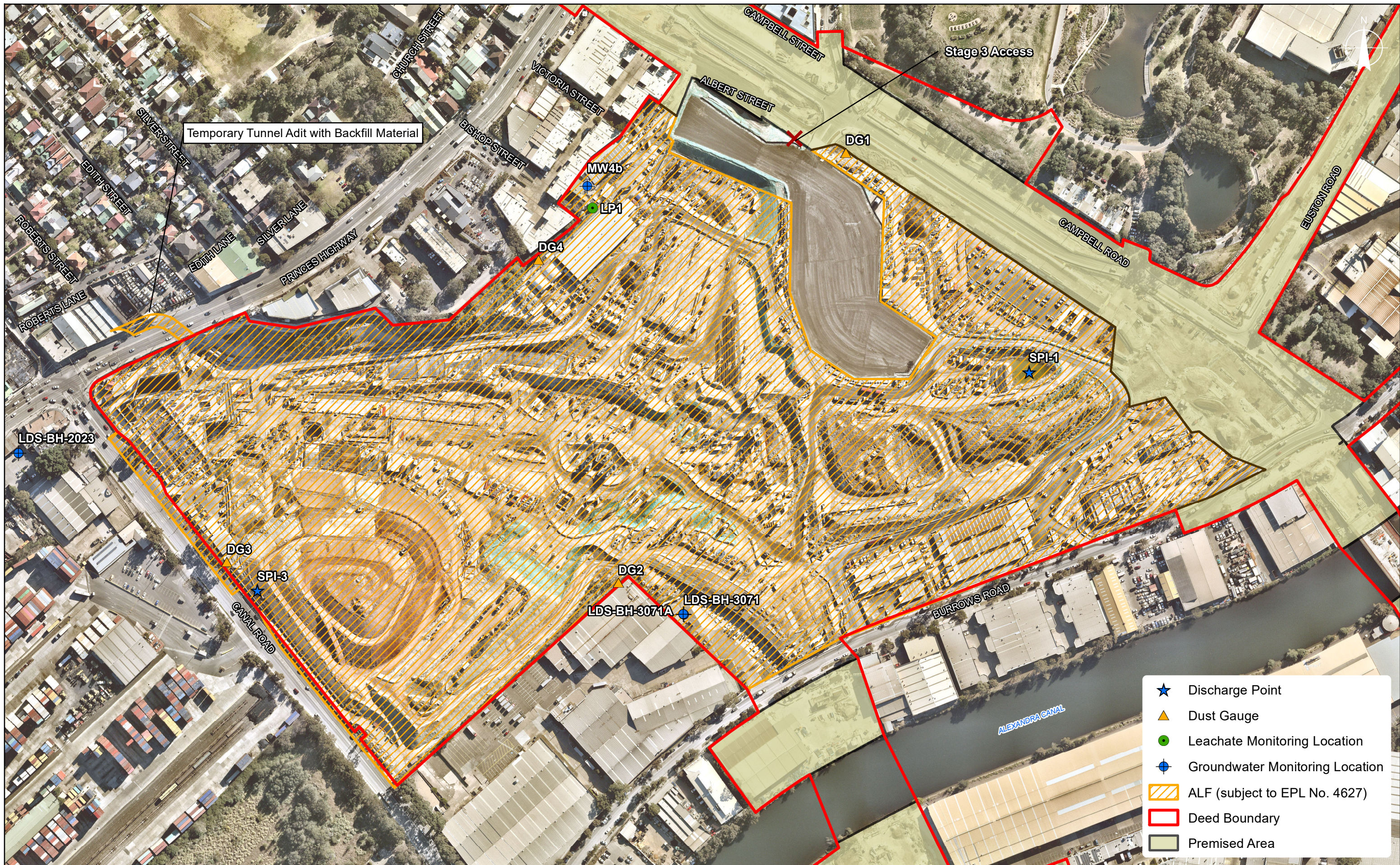
WestConnex New M5



WESTCONNEX New M5

Premise Map Overview

DOCUMENT NUMBER



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

Rev	Description	Date	Approved
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	
K	ALF and Premised Area boundary modification	06/12/2017	

Scale

0 100 m

Imagery © Nearmap 2018

Client

Status			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	CG
Height Datum	AHD	Date Printed	17/01/2019
Filename:	Premise_SPI_RevQ.mxd		

WestConnex New M5

WESTCONNEX New M5

Premise Map
St Peters Interchange

DOCUMENT NUMBER