

# Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	January 2020	
Website:	<a href="https://www.westconnex.com.au/NewM5Environment">https://www.westconnex.com.au/NewM5Environment</a>	
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	1/01/2020	50	7.5	6.5-8.5	6.61	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/01/2020	50	9.2	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/01/2020	50	5.07	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/01/2020	50	4.4	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/01/2020	50	4.8	6.5-8.5	7.55	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/01/2020	50	4.2	6.5-8.5	7.73	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/01/2020	50	2.6	6.5-8.5	7.57	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/01/2020	50	2.6	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/01/2020	50	2.8	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/01/2020	50	1.9	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/01/2020	50	24	6.5-8.5	7.48	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	14/01/2020	50	1.9	6.5-8.5	7.42	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/01/2020	50	3	6.5-8.5	7.81	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/01/2020	50	1.86	6.5-8.5	7.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/01/2020	50	1.5	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	18/01/2020	50	50	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/01/2020	50	4.8	6.5-8.5	7.69	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/01/2020	50	1.7	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/01/2020	50	2	6.5-8.5	8.13	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/01/2020	50	1.6	6.5-8.5	7.86	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	24/01/2020	50	40	6.5-8.5	8.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/01/2020	50	1.6	6.5-8.5	8.08	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/01/2020	50	1.7	6.5-8.5	7.98	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/01/2020	50	1.3	6.5-8.5	7.69	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/01/2020	50	1.2	6.5-8.5	7.27	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/01/2020	50	8.5	6.5-8.5	8.06	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/01/2020	50	14	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	31/01/2020	50	45	6.5-8.5	7.5	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	31/01/2020	50	18	6.5-8.5	7.87	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	16/12/2020	17/01/2020	16.1	
DG02	16/12/2020	17/01/2020	18.2	
DG03	16/12/2020	17/01/2020	25.4	
DG04	16/12/2020	17/01/2020	543.0	Note DG4 influenced by foreign material found inside funnel



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

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	
Rev	Description	Date	Approved


Scales

0 1,000 m

1:27500

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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		

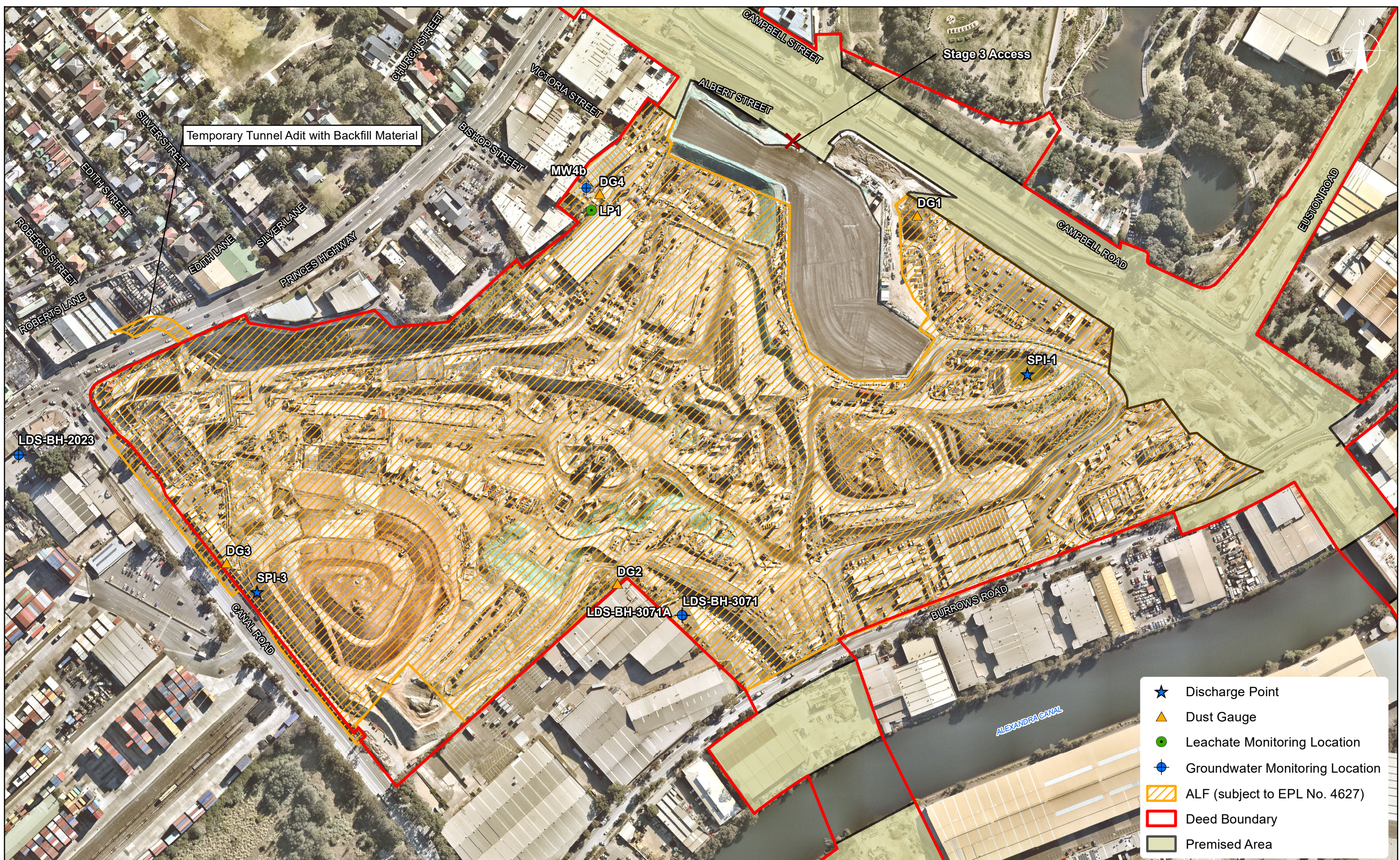
WestConnex New M5

**WESTCONNEX New M5**

**Premise Map Overview**

DOCUMENT NUMBER  
M5N-ES-MAP-PWD-001-26



- ★ 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	31/01/2020	
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	

Scale

0 100 m

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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	31/01/2020
Filename:	Premise_SPI_RevR.mxd		

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**WESTCONNEX New M5**

**Premise Map**  
**St Peters Interchange**

DOCUMENT NUMBER  
M5N-ES-MAP-PWD-001-26