

# Environment Protection Licence Monitoring Data



Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	March 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	3/03/2020	50	8.7	6.5-8.5	8.19	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/03/2020	50	10.5	6.5-8.5	8.25	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/03/2020	50	7.2	6.5-8.5	8.07	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/03/2020	50	6.6	6.5-8.5	8.26	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/03/2020	50	9.7	6.5-8.5	8.22	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	8/03/2020	50	35	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/03/2020	50	8.4	6.5-8.5	8.43	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	9/03/2020	50	20	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/03/2020	50	13	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/03/2020	50	11.4	6.5-8.5	7.56	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	11/03/2020	50	20	6.5-8.5	7.6	None visible	None	Each discharge	Compliant

March 2020 Monitoring data for EPLs 20772 and 4627

# Environment Protection Licence Monitoring Data

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	11/03/2020	50	10.4	6.5-8.5	7.85	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/03/2020	50	11.5	6.5-8.5	7.97	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/03/2020	50	12	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/03/2020	50	13	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/03/2020	50	5	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	16/03/2020	50	20	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	16/03/2020	50	25	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/03/2020	50	8.6	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	17/03/2020	50	25	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/03/2020	50	16	6.5-8.5	8	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	18/03/2020	50	20	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/03/2020	50	12	6.5-8.5	8.3	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	19/03/2020	50	20	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/03/2020	50	5	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/03/2020	50	4.6	6.5-8.5	8.08	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/03/2020	50	15	6.5-8.5	8.07	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/03/2020	50	15.4	6.5-8.5	7.98	None visible	None	Each discharge	Compliant

# Environment Protection Licence Monitoring Data

Discharge/Monitoring Point	Date sampled	Total suspended solids		pH		Oil & Grease		Monitoring frequency	Comment
		Licence limit	Result *	Licence limit	Result	Licence limit	Result		
Sediment Basin SPI-1	23/03/2020	50	20	6.5-8.5	8.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/03/2020	50	9.2	6.5-8.5	7.98	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	26/03/2020	50	20	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/03/2020	50	7.2	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/03/2020	50	6.3	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/03/2020	50	44.71	6.5-8.5	8	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	29/03/2020	50	37	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/03/2020	50	6.2	6.5-8.5	8.16	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	30/03/2020	50	40	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/03/2020	50	3.7	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	31/03/2020	50	28	6.5-8.5	7	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/day	Comment
DG01	17/02/2020	17/02/2020	6.7	
DG02	17/02/2020	17/02/2020	15.5	
DG03	17/02/2020	17/02/2020	-	Glass ware (bottle and funnel) smashed and not recoverable.
DG04	17/02/2020	17/02/2020	6.3	



-  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		

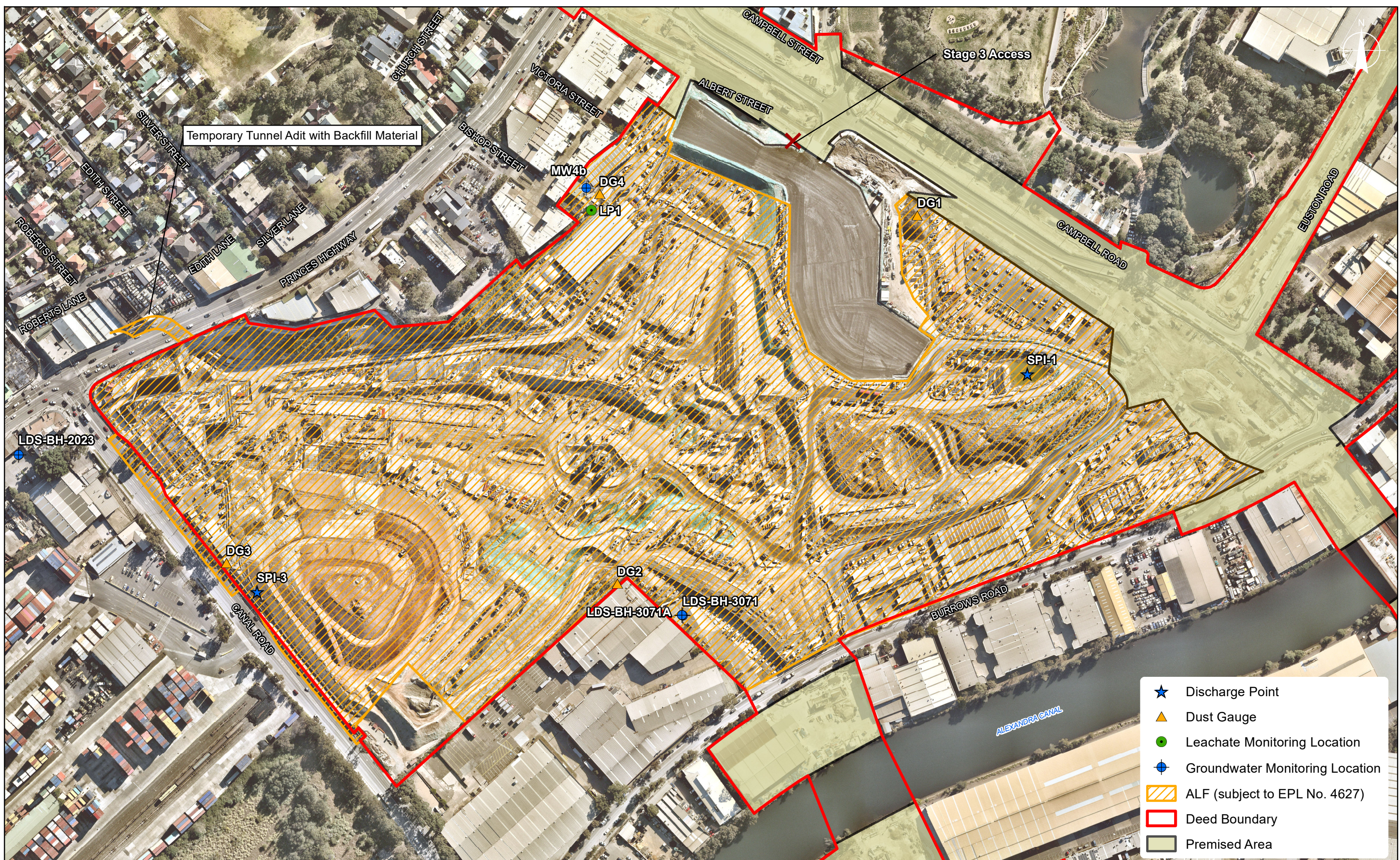
WestConnex New M5

**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

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	31/01/2020
Filename:	Premise_SPI_RevR.mxd		

WestConnex New M5

**WESTCONNEX New M5**

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

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