

# Environment Protection Licence Monitoring Data



Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	January 2019	
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 BED-1	1/01/2019	50	*0.5	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/01/2019	50	*8.0	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/01/2019	50	*0.5	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/01/2019	50	*2.9	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	3/01/2019	50	*0.5	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/01/2019	50	*1.1	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	4/01/2019	50	*0.5	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/01/2019	50	*6.2	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/01/2019	50	*0.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/01/2019	50	*0.9	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	6/01/2019	50	*0.6	6.5-8.5	7.3	None visible	None	Each discharge	Compliant

January 2019 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	7/01/2019	50	*10.9	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/01/2019	50	*1.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/01/2019	50	*5.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/01/2019	50	*3.4	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	9/01/2019	50	*2.6	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/01/2019	50	*2.6	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/01/2019	50	*0.9	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/01/2019	50	*8.0	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/01/2019	50	*2.2	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/01/2019	50	*5.0	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	12/01/2019	50	*4.4	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/01/2019	50	*7.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/01/2019	50	*4.4	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/01/2019	50	*7.7	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	14/01/2019	50	*5.8	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/01/2019	50	*6.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	15/01/2019	50	*7.0	6.5-8.5	7.0	None visible	None	Each discharge	Compliant

January 2019 Monitoring data for EPLs 20772 and 4627

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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	16/01/2019	50	*2.8	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/01/2019	50	*7.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/01/2019	50	*2.5	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	17/01/2019	50	*8.2	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/01/2019	50	*2.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	18/01/2019	50	*9.8	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/01/2019	50	*2.7	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/01/2019	50	*2.0	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/01/2019	50	*2.5	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/01/2019	50	*1.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/01/2019	50	*4.4	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/01/2019	50	*3.6	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/01/2019	50	*3.5	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/01/2019	50	*6.7	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/01/2019	50	*3.1	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	23/01/2019	50	*1.7	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/01/2019	50	*5.0	6.5-8.5	7.6	None visible	None	Each discharge	Compliant

January 2019 Monitoring data for EPLs 20772 and 4627

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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	24/01/2019	50	*7.1	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/01/2019	50	*7.1	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	26/01/2019	50	*2.2	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/01/2019	50	*11.0	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	27/01/2019	50	*3.5	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/01/2019	50	*9.0	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	28/01/2019	50	*3.9	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/01/2019	50	*3.0	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	29/01/2019	50	*18.3	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/01/2019	50	*2.2	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	30/01/2019	50	*3.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/01/2019	50	*6.0	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	31/01/2019	50	*3.9	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
DG01	12/12/2018	11/01/2019	15.8	DG01
DG02	12/12/2018	11/01/2019	8.5	DG02
DG03	12/12/2018	11/01/2019	6.4	DG03
DG04	12/12/2018	11/01/2019	15.5	DG04



- ★ 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

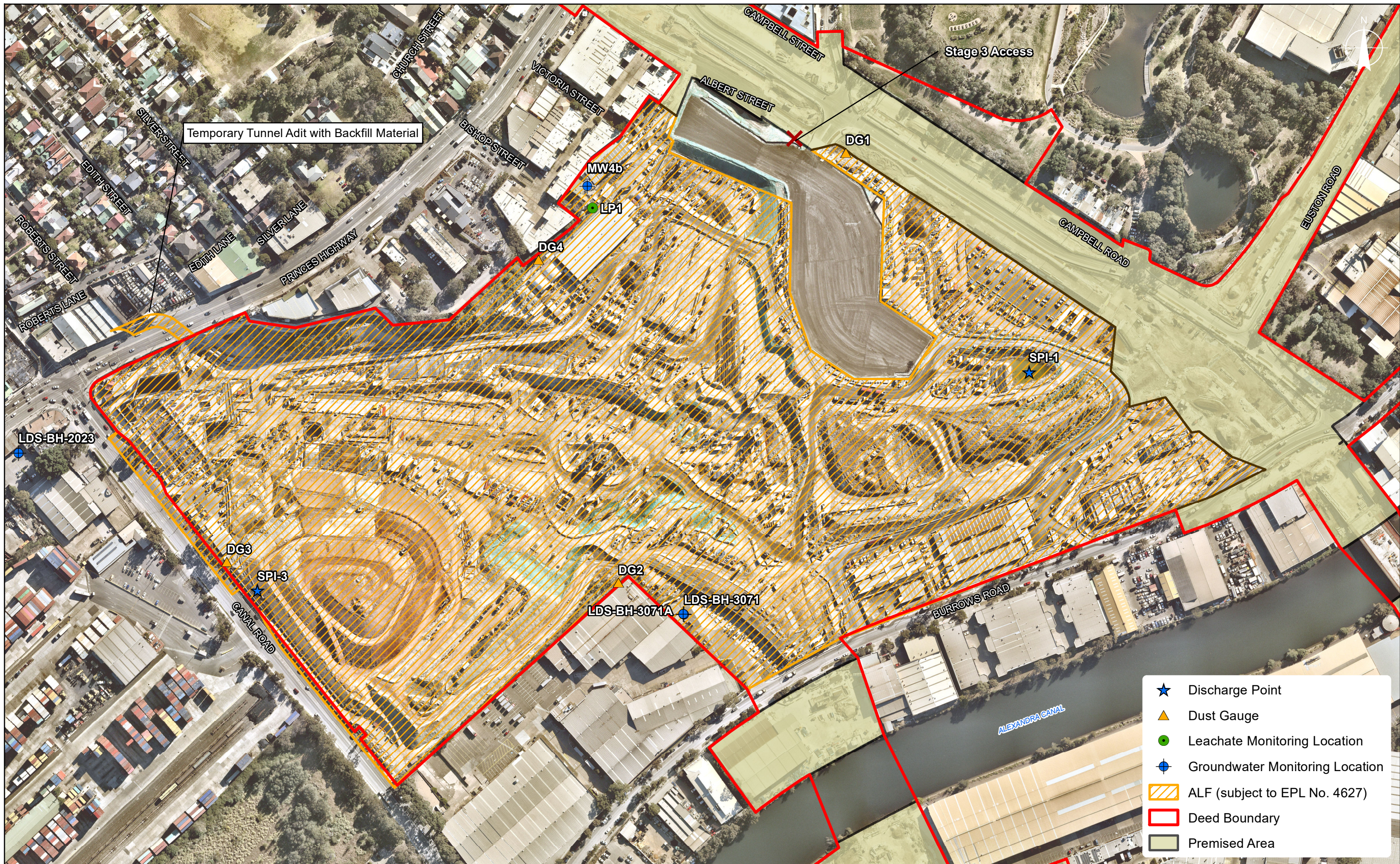
<b>Status</b>			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	CG
Height Datum	AHD	Date Printed	17/01/2019
Filename:	Premise_Overview_revU.mxd		

**WestConnex New M5**

WESTCONNEX New M5

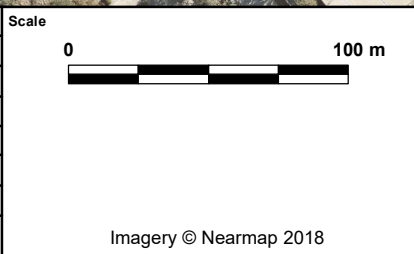
Premise Map Overview

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	



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