

# Environment Protection Licence Monitoring Data



Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	February 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 ARN-2	1/02/2019	50	*3.20	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	1/02/2019	50	*2.08	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/02/2019	50	*2.10	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/02/2019	50	*5.73	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/02/2019	50	*1.40	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/02/2019	50	*1.20	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	4/02/2019	50	*10.5	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/02/2019	50	*3.00	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/02/2019	50	*4.08	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/02/2019	50	*5.00	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	6/02/2019	50	*5.15	6.5-8.5	7.0	None visible	None	Each discharge	Compliant

February 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	7/02/2019	50	*4.00	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/02/2019	50	*5.35	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/02/2019	50	*6.69	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	8/02/2019	50	*6.55	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/02/2019	50	*2.30	6.5-8.5	8.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	9/02/2019	50	*1.67	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/02/2019	50	*2.90	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/02/2019	50	*5.41	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/02/2019	50	*4.80	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/02/2019	50	*2.77	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/02/2019	50	*5.96	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	12/02/2019	50	*3.58	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/02/2019	50	*1.70	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/02/2019	50	*0.18	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/02/2019	50	*0.70	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	14/02/2019	50	*1.65	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/02/2019	50	*2.00	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 BED-1	15/02/2019	50	*1.65	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/02/2019	50	*2.93	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	17/02/2019	50	*27.0	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	18/02/2019	50	*30.1	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/02/2019	50	*44.0	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/02/2019	50	*1.46	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/02/2019	50	*8.00	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/02/2019	50	*1.02	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/02/2019	50	*13.8	6.5-8.5	8.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/02/2019	50	*28.0	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/02/2019	50	*2.08	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	23/02/2019	50	*5.70	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	24/02/2019	50	*22.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	25/02/2019	50	*1.83	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/02/2019	50	*10.7	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	26/02/2019	50	*1.43	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/02/2019	50	*5.69	6.5-8.5	8.1	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	27/02/2019	50	*0.95	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/02/2019	50	*0.60	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	28/02/2019	50	*3.51	6.5-8.5	7.1	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
<b>DG01</b>	11/01/2019	11/02/2019	18.6	
<b>DG02</b>	11/01/2019	11/02/2019	14.3	
<b>DG03</b>	11/01/2019	11/02/2019	8.3	
<b>DG04</b>	11/01/2019	11/02/2019	14.7	





- ★ 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