

# Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	October 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	1/10/2019	50	*10.7	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/10/2019	50	*21.03	6.5-8.5	7.72	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/10/2019	50	*12.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/10/2019	50	*8.6	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/10/2019	50	*8.3	6.5-8.5	7.55	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/10/2019	50	*10	6.5-8.5	8.06	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	6/10/2019	50	*33	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/10/2019	50	*13.36	6.5-8.5	8.06	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/10/2019	50	*12.2	6.5-8.5	8.08	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/10/2019	50	*12.7	6.5-8.5	8.23	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/10/2019	50	*3.9	6.5-8.5	8.11	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	11/10/2019	50	*11	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/10/2019	50	*23	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/10/2019	50	*13	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/10/2019	50	*7.4	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/10/2019	50	*9	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/10/2019	50	*3.1	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/10/2019	50	*7	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/10/2019	50	*9.6	6.5-8.5	6.97	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/10/2019	50	*9.83	6.5-8.5	6.62	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/10/2019	50	*37.31	6.5-8.5	6.59	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/10/2019	50	*19.2	6.5-8.5	6.71	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/10/2019	50	*20.49	6.5-8.5	6.93	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/10/2019	50	*8.9	6.5-8.5	7.34	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/10/2019	50	*6.76	6.5-8.5	7.14	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/10/2019	50	*8.5	6.5-8.5	7.24	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/10/2019	50	*3.2	6.5-8.5	6.96	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/10/2019	50	*25.7	6.5-8.5	6.7	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		
Water Treatment Plant ARN-2	29/10/2019	50	*11.31	6.5-8.5	6.73	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/10/2019	50	*5.6	6.5-8.5	6.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/10/2019	50	*15.5	6.5-8.5	7.31	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	12/09/2019	14/10/2019	24.1	
DG02	12/09/2019	14/10/2019	10.4	
DG03	12/09/2019	14/10/2019	11.6	
DG04	12/09/2019	14/10/2019	-	DG04 monitoring location not accessible





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

Rev	Description	Date	Approved
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	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	

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	18/06/2019
Filename:	Premise_Overview_revW.mxd		

WestConnex New M5



**WESTCONNEX New M5**

**Premise Map Overview**

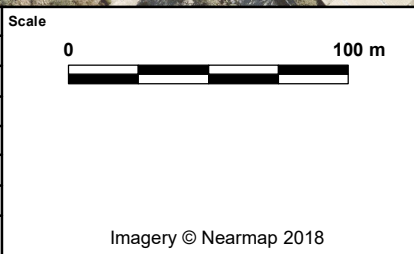
DOCUMENT NUMBER  
M5N-ES-MAP-PWD-0001-21





- ★ 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  
M5N-ES-MAP-PWD-0001-21