

Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	September 2019	
Website:	https://www.westconnex.com.au/NewM5Environment	
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	1/09/2019	50	*2.6	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/09/2019	50	*7	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/09/2019	50	*6	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/09/2019	50	*6.6	6.5-8.5	7.95	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/09/2019	50	*7	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/09/2019	50	*18.5	6.5-8.5	8.15	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/09/2019	50	*9.79	6.5-8.5	7.93	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/09/2019	50	*4.06	6.5-8.5	8.18	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/09/2019	50	*4.05	6.5-8.5	8.25	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/09/2019	50	*12.55	6.5-8.5	7.96	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/09/2019	50	*7.1	6.5-8.5	7.62	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	8/09/2019	50	*11.2	6.5-8.5	8.28	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/09/2019	50	*6.64	6.5-8.5	7.34	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/09/2019	50	*31	6.5-8.5	8.48	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/09/2019	50	*13	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/09/2019	50	*7.5	6.5-8.5	8.13	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/09/2019	50	*6.9	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/09/2019	50	*7.7	6.5-8.5	8.29	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/09/2019	50	*7.2	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/09/2019	50	*6.7	6.5-8.5	7.57	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/09/2019	50	*7.5	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/09/2019	50	*6.7	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/09/2019	50	*6.8	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/09/2019	50	*7.4	6.5-8.5	8.06	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/09/2019	50	*5.5	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/09/2019	50	*4.1	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	16/09/2019	50	*35	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/09/2019	50	*7.8	6.5-8.5	8.06	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	17/09/2019	50	*9.67	6.5-8.5	7.66	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/09/2019	50	*6.9	6.5-8.5	7.58	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	18/09/2019	50	*41	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/09/2019	50	*6.82	6.5-8.5	7.66	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/09/2019	50	*14.6	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/09/2019	50	*2.6	6.5-8.5	7	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	22/09/2019	50	*20	6.5-8.5	7.9	None visible	none	Each discharge	Compliant
Water Treatment Plant ARN-2	23/09/2019	50	*9.4	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	23/09/2019	50	*25	6.5-8.5	8.2	None visible	None	Each discharge	
Water Treatment Plant ARN-2	24/09/2019	50	*9.3	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/09/2019	50	*6.5	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/09/2019	50	*4.8	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/09/2019	50	*10.7	6.5-8.5	8.13	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/09/2019	50	*4.9	6.5-8.5	8.22	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/09/2019	50	*19.5	6.5-8.5	8.17	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/09/2019	50	*22.7	6.5-8.5	8.42	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	12/08/2019	12/09/2019	8.8	
DG02	12/08/2019	12/09/2019	6.8	
DG03	12/08/2019	12/09/2019	6.4	
DG04	12/08/2019	12/09/2019	-	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		

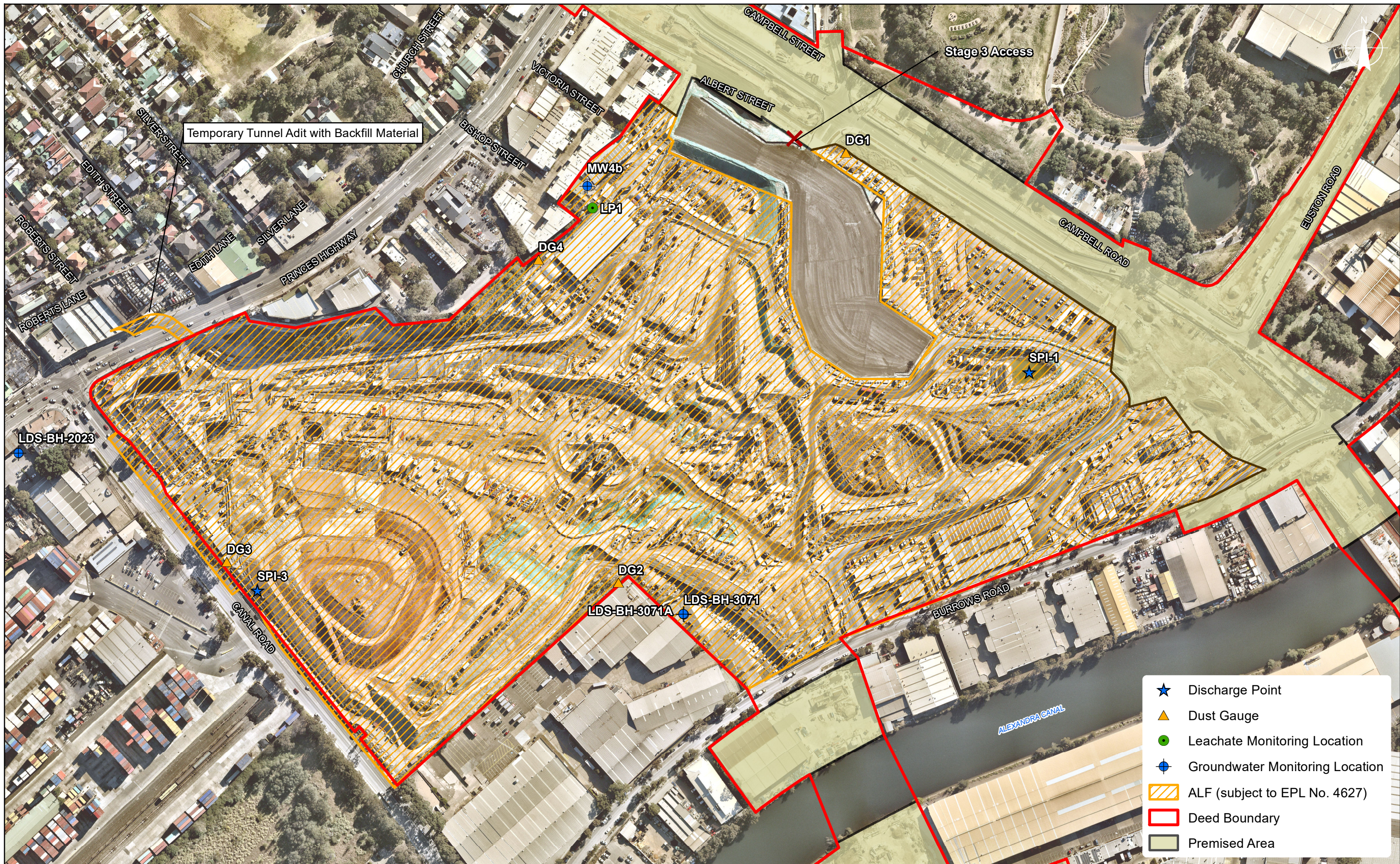
WestConnex New M5



WESTCONNEX New M5

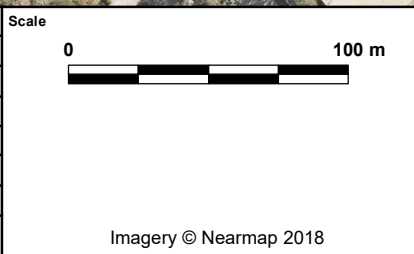
Premise Map Overview

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