

Environment Protection Licence Monitoring Data



Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	December 2018	
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 SPI-2	1/12/2018	50	*9.80	6.5-8.5	7.06	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	1/12/2018	50	*33.98	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	1/12/2018	50	*4.6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	2/12/2018	50	*12.64	6.5-8.5	6.76	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/12/2018	50	*0.63	6.5-8.5	7.28	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/12/2018	50	*22	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	3/12/2018	50	*10.40	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	3/12/2018	50	*0.57	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/12/2018	50	*12.9	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	3/12/2018	50	*10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	4/12/2018	50	*14.20	6.5-8.5	7.27	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	4/12/2018	50	*0.65	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/12/2018	50	*22	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	5/12/2018	50	*9.80	6.5-8.5	6.84	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/12/2018	50	*0.55	6.5-8.5	7.31	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/12/2018	50	*6.4	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	5/12/2018	50	*10	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	5/12/2018	50	*10	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	6/12/2018	50	*12.50	6.5-8.5	7.36	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	6/12/2018	50	*5.9	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	6/12/2018	50	*1.13	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/12/2018	50	*5.94	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	7/12/2018	50	*8.13	6.5-8.5	8.19	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	7/12/2018	50	*6.8	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/12/2018	50	*0.63	6.5-8.5	7.18	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/12/2018	50	*7.3	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	7/12/2018	50	*10	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	8/12/2018	50	*6.74	6.5-8.5	8.07	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	8/12/2018	50	*0.67	6.5-8.5	7.01	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/12/2018	50	*7.4	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	8/12/2018	50	*10	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	9/12/2018	50	*8.27	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	9/12/2018	50	*0.67	6.5-8.5	7.23	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/12/2018	50	*6.8	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	10/12/2018	50	*8.80	6.5-8.5	7.09	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/12/2018	50	*0.60	6.5-8.5	7.28	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/12/2018	50	*22	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	10/12/2018	50	*15	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	11/12/2018	50	*9.0	6.5-8.5	7.96	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	11/12/2018	50	*18.5	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/12/2018	50	*0.63	6.5-8.5	7.27	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/12/2018	50	*7.15	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	11/12/2018	50	*10	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	12/12/2018	50	*21.01	6.5-8.5	8.09	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	12/12/2018	50	*3.7	6.5-8.5	8.4	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	12/12/2018	50	*0.72	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/12/2018	50	*10	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Sediment Basin SPI-3	12/12/2018	50	*15	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	13/12/2018	50	*16.30	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	13/12/2018	50	*8.0	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/12/2018	50	*1.90	6.5-8.5	7.89	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/12/2018	50	*14	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	14/12/2018	50	*12.20	6.5-8.5	7.18	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	14/12/2018	50	*0.7	6.5-8.5	7.76	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	15/12/2018	50	*12.7	6.5-8.5	7.01	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	15/12/2018	50	*8.3	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	15/12/2018	50	*0.68	6.5-8.5	7.19	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	16/12/2018	50	*13.80	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/12/2018	50	*0.63	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	16/12/2018	50	*20	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	17/12/2018	50	*11.40	6.5-8.5	7.14	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	18/12/2018	50	*12.90	6.5-8.5	8.09	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	18/12/2018	50	*23	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	19/12/2018	50	*27.01	6.5-8.5	7.79	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	19/12/2018	50	*4.0	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/12/2018	50	*0.55	6.5-8.5	7.05	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/12/2018	50	*9	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	20/12/2018	50	*16.90	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/12/2018	50	*0.55	6.5-8.5	7.04	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/12/2018	50	*7	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	21/12/2018	50	*10.20	6.5-8.5	6.95	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/12/2018	50	*0.55	6.5-8.5	7.14	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/12/2018	50	*7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	22/12/2018	50	*10.30	6.5-8.5	6.83	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/12/2018	50	*0.62	6.5-8.5	7.38	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/12/2018	50	*8	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	23/12/2018	50	*34.63	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	23/12/2018	50	*0.60	6.5-8.5	7.55	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/12/2018	50	*7.1	6.5-8.5	7.8	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 SPI-2	24/12/2018	50	*21.0	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	24/12/2018	50	*0.50	6.5-8.5	7.55	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	25/12/2018	50	*19.70	6.5-8.5	6.98	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	25/12/2018	50	*0.52	6.5-8.5	7.54	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	26/12/2018	50	*15.20	6.5-8.5	7.57	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	26/12/2018	50	*0.57	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	27/12/2018	50	*11.20	6.5-8.5	7.56	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	27/12/2018	50	*0.56	6.5-8.5	7.43	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/12/2018	50	*7	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	28/12/2018	50	*34.0	6.5-8.5	7.35	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	28/12/2018	50	*0.55	6.5-8.5	7.44	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/12/2018	50	*11.5	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	29/12/2018	50	*15.40	6.5-8.5	6.79	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	29/12/2018	50	*0.54	6.5-8.5	7.49	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/12/2018	50	*2.8	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	30/12/2018	50	*17.00	6.5-8.5	7.43	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	30/12/2018	50	*0.95	6.5-8.5	7.48	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	30/12/2018	50	*17.1	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	31/12/2018	50	*0.57	6.5-8.5	7.51	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/12/2018	50	*17.4	6.5-8.5	7.2	None visible	None	Each discharge	Compliant

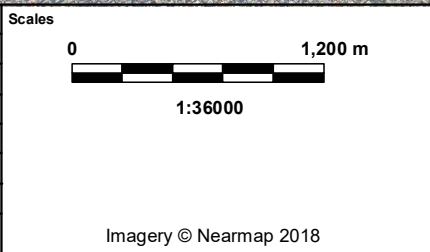
* A correlation between TSS and Turbidity has been established. Including a safety factor, the turbidity limit is 50NTU.

Monitoring Type: Dust Monitoring (EPL 4627)

Monitoring Point / EPA Identification point (EPL 4627)	Start Date	Finish Date	Dust Deposition g/m2/month	Comment
SG01	10/11/2018	10/12/2018	10.1	SG01
SG02	10/11/2018	10/12/2018	24.1	SG02
SG03	10/11/2018	10/12/2018	9.6	SG03
SG04	10/11/2018	10/12/2018	24.5	SG04



Rev	Description	Date	Approved
M	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	
N	Premised Area boundary modification	20/06/2018	



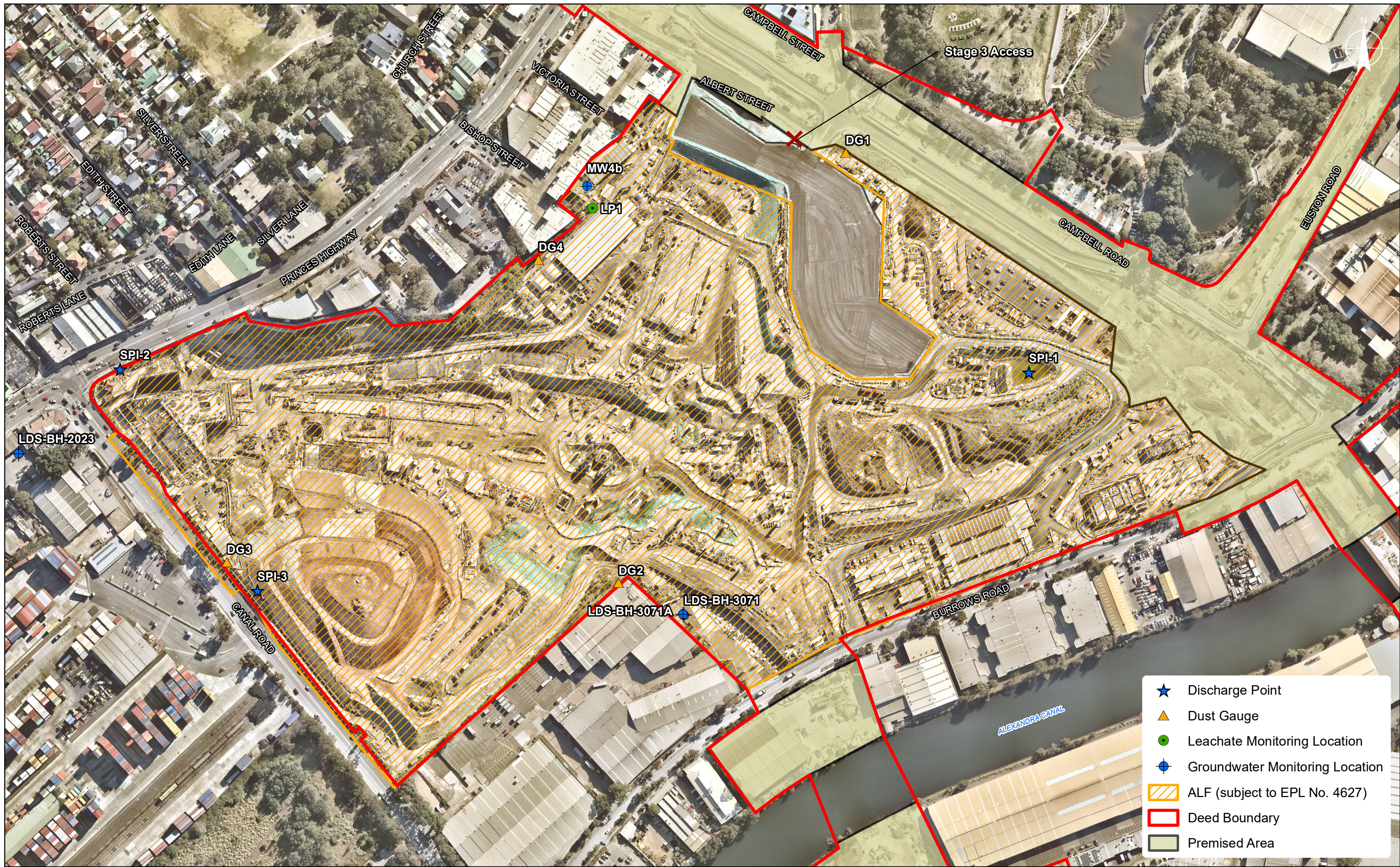
Status			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn by	PB
Coordinate System	MGA ZONE 56	Requested by	CG
Height Datum	AHD	Date Printed	8/01/2019
Filename:	Premise_Overview_revT.mxd		

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
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	
J	Premised Area boundary modification	20/09/2017	

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	8/01/2019
Filename:	Premise_SPI_RevP.mxd		

WestConnex New M5

WESTCONNEX New M5

Premise Map
St Peters Interchange

DOCUMENT NUMBER