

Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5		
Licensee	CPB Contractors Pty Limited		
Monitoring period	April 2020		
Website:	https://www.westconnex.com.au/NewM5Environment		
Environment Protection licences:	20772	4627	21351
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	Operational Water Treatment Plant M8 – Motorway Operations Complex 3 Arncliffe NSW 2205

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		
Sediment Basin SPI-4	1/04/2020	50	40	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	1/04/2020	50	5.1	6.5-8.5	8.01	None visible	None	Each discharge	Compliant
Sediment Basin SPI-4	2/04/2020	50	35	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/04/2020	50	4.33	6.5-8.5	8.14	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/04/2020	50	5.1	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/04/2020	50	4.1	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	5/04/2020	50	20	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Sediment Basin SPI-4	5/04/2020	50	20	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/04/2020	50	3.6	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/04/2020	50	3.2	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/04/2020	50	3	6.5-8.5	7.02	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	8/04/2020	50	2.7	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/04/2020	50	2.2	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/04/2020	50	2	6.5-8.5	6.64	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/04/2020	50	1.7	6.5-8.5	6.67	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/04/2020	50	1.36	6.5-8.5	6.73	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	13/04/2020	50	20	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/04/2020	50	1	6.5-8.5	6.91	None visible	None	Each discharge	Compliant
Sediment Basin SPI-1	14/04/2020	50	20	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/04/2020	50	1.86	6.5-8.5	6.85	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/04/2020	50	1.7	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/04/2020	50	0.6	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/04/2020	50	0.6	6.5-8.5	7.16	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/04/2020	50	0.5	6.5-8.5	6.81	None visible	None	Each discharge	Compliant
Sediment Basin SPI-4	19/04/2020	50	20	6.5-8.5	8.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/04/2020	50	0.6	6.5-8.5	7.94	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/04/2020	50	0.4	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/04/2020	50	0.3	6.5-8.5	6.6	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	22/04/2020	50	0.3	6.5-8.5	7.48	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/04/2020	50	0.3	6.5-8.5	7.32	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/04/2020	50	0.3	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/04/2020	50	0.3	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/04/2020	50	0.4	6.5-8.5	6.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/04/2020	50	0.3	6.5-8.5	6.95	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/04/2020	50	0.2	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/04/2020	50	0.2	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/04/2020	50	0.2	6.5-8.5	7.13	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 21351

Environment protection licence 21351 was issued by the EPA on 30/04/2020 for the operational water treatment plant at Motorway Operations Complex 3 (Arnccliffe). No activities or monitoring occurred under this licence in April 2020.






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/day	Comment
DG01	17/02/2020	17/02/2020	3.7	
DG02	17/02/2020	17/02/2020	2.4	
DG03	17/02/2020	17/02/2020	-	Glassware missing. No sample.
DG04	17/02/2020	17/02/2020	2.1	



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

Z	ALF Boundary modification, Discharge/Dust Gauge remove/ removal	30/01/2020	
Y	Premised Area boundary modification	30/09/2019	
X	Premised Area boundary modification	30/08/2019	
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	Premised Area boundary modification	13/11/2018	
Rev	Description	Date	Approved


Scales

0 1,000 m

1:27500





Imagery Copyright NearMap 2019

Client



Status			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	
Height Datum	AHD	Date Printed	
Filename:			

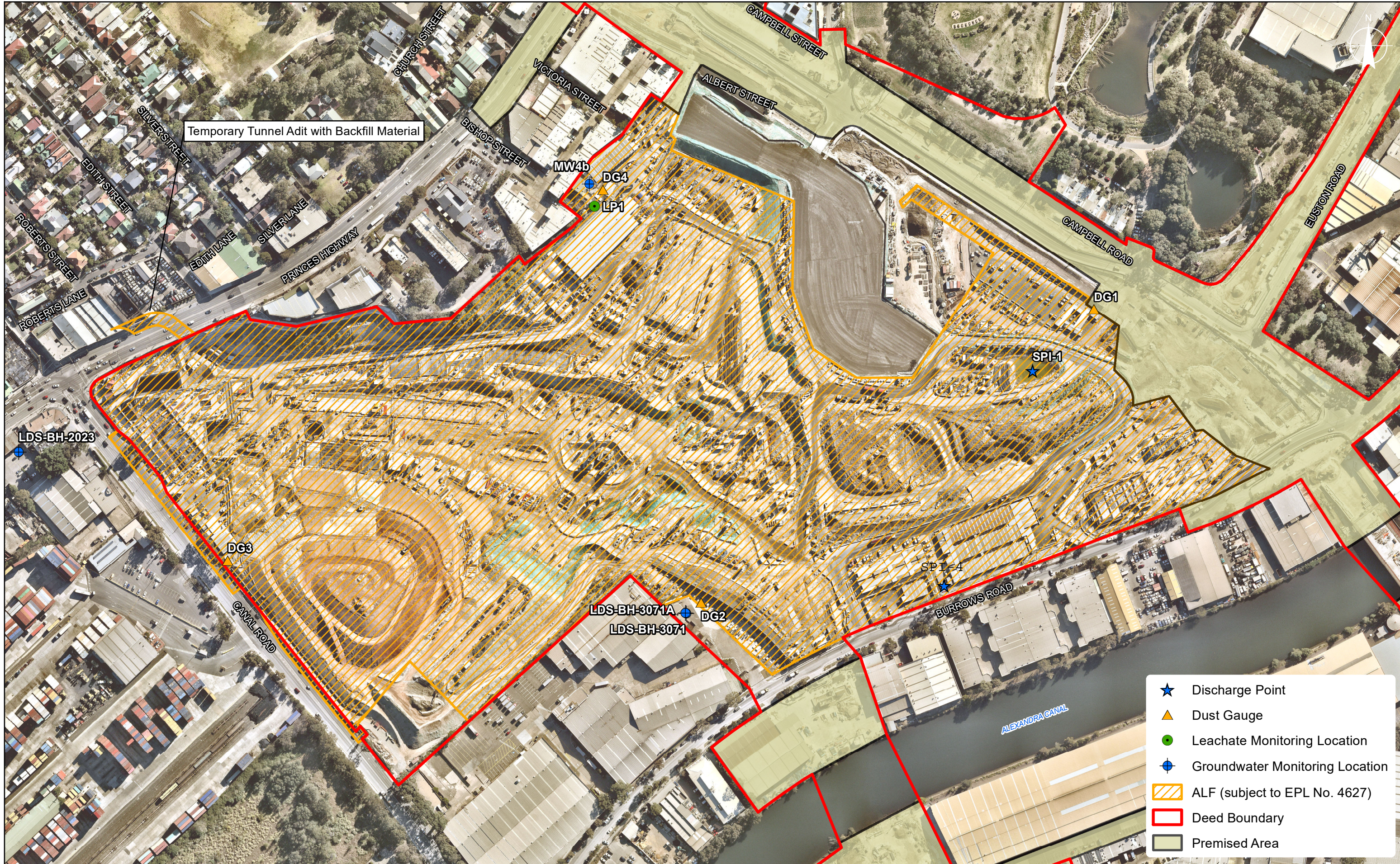
WestConnex New M5

WESTCONNEX New M5

Premise Map Overview

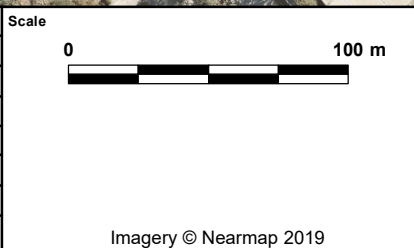
M5N-ES-MAP-PWD-0001-27



Temporary Tunnel Adit with Backfill Material

- ★ Discharge Point
- ▲ Dust Gauge
- Leachate Monitoring Location
- ⊕ Groundwater Monitoring Location
- ▨ ALF (subject to EPL No. 4627)
- ▭ Deed Boundary
- ▭ Premised Area

Rev	Description	Date	Approved
S	ALF Boundary and Premise Area modification	25/03/2020	
R	ALF Boundary modification, Dust Gauge move	31/01/2020	
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	



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	25/03/2020
Filename:	Premise_SPI_RevS.mxd		

WestConnex New M5

WESTCONNEX New M5

Premise Map
St Peters Interchange

DOCUMENT NUMBER
M5N-ES-MAP-PWD-0001-27