

# Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	August 2018	
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 SPI-2	1/08/2018	50	*<10	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	1/08/2018	50	*0.4	6.5-8.5	7.82	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	1/08/2018	50	*2.6	6.5-8.5	7.13	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	2/08/2018	50	*<10	6.5-8.5	7.13	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/08/2018	50	*4.70	6.5-8.5	7.01	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	3/08/2018	50	*<10	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	3/08/2018	50	*0.6	6.5-8.5	8.24	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/08/2018	50	*1.7	6.5-8.5	6.73	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	4/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/08/2018	50	*4.97	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	5/08/2018	50	*<10	6.5-8.5	7.4	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	5/08/2018	50	*1.3	6.5-8.5	6.82	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	6/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	6/08/2018	50	*1.7	6.5-8.5	6.74	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/08/2018	50	*2.3	6.5-8.5	6.95	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	7/08/2018	50	*<10	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	7/08/2018	50	*4.7	6.5-8.5	7.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/08/2018	50	*3.1	6.5-8.5	6.93	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	8/08/2018	50	*<10	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	8/08/2018	50	*6.4	6.5-8.5	7.42	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/08/2018	50	*11	6.5-8.5	7.14	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	9/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	9/08/2018	50	*0.3	6.5-8.5	7.31	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/08/2018	50	*3.7	6.5-8.5	7.43	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	10/08/2018	50	*<10	6.5-8.5	7.25	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	10/08/2018	50	*0.4	6.5-8.5	7.42	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/08/2018	50	*1.3	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	11/08/2018	50	*<10	6.5-8.5	7.3	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	11/08/2018	50	*10	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	12/08/2018	50	*<10	6.5-8.5	7.34	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/08/2018	50	*1.2	6.5-8.5	6.83	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	13/08/2018	50	*<10	6.5-8.5	7.56	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	13/08/2018	50	*0.6	6.5-8.5	7.06	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/08/2018	50	*1	6.5-8.5	6.81	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	14/08/2018	50	*<10	6.5-8.5	7.22	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/08/2018	50	*1.25	6.5-8.5	6.74	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	15/08/2018	50	*<10	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	15/08/2018	50	*0.6	6.5-8.5	7.58	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/08/2018	50	*5.2	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	16/08/2018	50	*<10	6.5-8.5	7.29	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/08/2018	50	*1.2	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	17/08/2018	50	*<10	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/08/2018	50	*11	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	18/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/08/2018	50	*4.82	6.5-8.5	7.21	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 SPI-2	19/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/08/2018	50	*13.10	6.5-8.5	7.32	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	20/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	20/08/2018	50	*1.0	6.5-8.5	7.54	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/08/2018	50	*10.50	6.5-8.5	7.45	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	21/08/2018	50	*<10	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	21/08/2018	50	*2.6	6.5-8.5	7.41	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/08/2018	50	*8.9	6.5-8.5	7.48	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	22/08/2018	50	*<10	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	22/08/2018	50	*2.6	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	23/08/2018	50	*<10	6.5-8.5	7.25	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	23/08/2018	50	*0.2	6.5-8.5	7.64	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/08/2018	50	*9.7	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	24/08/2018	50	*<10	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	24/08/2018	50	*0.3	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/08/2018	50	*4.4	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	25/08/2018	50	*<10	6.5-8.5	7.3	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 KGD-1	25/08/2018	50	*0.2	6.5-8.5	7.05	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/08/2018	50	*3.5	6.5-8.5	7.46	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	26/08/2018	50	*<10	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/08/2018	50	*3.59	6.5-8.5	7.47	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	27/08/2018	50	*<10	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	27/08/2018	50	*0.4	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/08/2018	50	*5	6.5-8.5	7.45	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	28/08/2018	50	*<10	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	28/08/2018	50	*0.4	6.5-8.5	7.35	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/08/2018	50	*8.1	6.5-8.5	7.35	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	29/08/2018	50	*<10	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	29/08/2018	50	*0.9	6.5-8.5	8.02	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/08/2018	50	*7	6.5-8.5	7.18	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	30/08/2018	50	*<10	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	30/08/2018	50	*0.8	6.5-8.5	7.34	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/08/2018	50	*6.8	6.5-8.5	7.48	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	31/08/2018	50	*<10	6.5-8.5	7.4	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 KGD-1	31/08/2018	50	*0.7	6.5-8.5	7.77	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/08/2018	50	*9	6.5-8.5	7.6	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>SG01</b>	10/07/2018	10/08/2018	4.2	
<b>SG02</b>	10/07/2018	10/08/2018	6.2	
<b>SG03</b>	10/07/2018	10/08/2018	6.1	
<b>SG04</b>	10/07/2018	10/08/2018	4.0	

# Environment Protection Licence Monitoring Data

## Monitoring Type: Ground Vibration Peak Particle Velocity monitoring

Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
1/08/2018	10:33	6245664.58	331268.03	1.5	25	Yes	MT9DN
1/08/2018	10:33	6245707.32	331152.81	12.931	25	Yes	MT9DN
1/08/2018	10:33	6245707.41	331289.25	0.78	25	Yes	MT9DN
2/08/2018	10:09	6245768.32	331207.01	1.601	10	Yes	MT9DS
2/08/2018	10:09	6245664.58	331268.03	5.83	25	Yes	MT9DS
2/08/2018	10:09	6245707.41	331289.25	7.02	25	Yes	MT9DS
3/08/2018	10:39	6245664.58	331268.03	1.799	25	Yes	MT9DN
3/08/2018	10:39	6245707.32	331152.81	7.774	25	Yes	MT9DN
3/08/2018	10:39	6245707.41	331289.25	1.24	25	Yes	MT9DN
6/08/2018	12:01	6245664.58	331268.03	1.177	25	Yes	MT9DN
6/08/2018	12:01	6245707.32	331152.81	16.132	25	Yes	MT9DN
6/08/2018	12:01	6245707.41	331289.25	5.41	25	Yes	MT9DN
7/08/2018	10:08	6245768.32	331207.01	1.674	10	Yes	MT9DS
7/08/2018	10:08	6245664.58	331268.03	4.53	25	Yes	MT9DS

# Environment Protection Licence Monitoring Data

Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
7/08/2018	10:08	6245707.41	331289.25	7.22	25	Yes	MT9DS
8/08/2018	10:15	6245664.58	331268.03	1.36	25	Yes	MT9DN
8/08/2018	10:14	6245707.32	331152.81	6.86	25	Yes	MT9DN
8/08/2018	10:14	6245707.41	331289.25	7.22	25	Yes	MT9DN
9/08/2018	10:26	6245768.32	331207.01	1.948	10	Yes	MT9DS
9/08/2018	10:26	6245664.58	331268.03	4.811	25	Yes	MT9DS
9/08/2018	10:26	6245707.41	331289.25	6.92	25	Yes	MT9DS
13/08/2018	16:05	6245768.32	331207.01	1.67	10	Yes	MT9DS
13/08/2018	16:05	6245664.58	331268.03	5.807	25	Yes	MT9DS
13/08/2018	16:05	6245707.41	331289.25	7.38	25	Yes	MT9DS
15/08/2018	16.41	6245768.32	331207.01	1.702	10	Yes	MT9DS
15/08/2018	16.41	6245664.58	331268.03	6.882	25	Yes	MT9DS
15/08/2018	16.41	6245707.41	331289.25	9.76	25	Yes	MT9DS
17/08/2018	16.36	6245664.58	331268.03	2.355	10	Yes	MT9DS
17/08/2018	16.36	6245707.41	331289.25	8.418	25	Yes	MT9DS



# Environment Protection Licence Monitoring Data

Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
17/08/2018	16:36	6245707.41	331289.25	12.1	25	Yes	MT9DS
20/08/2018	16:38	6245664.58	331268.03	1.39	25	Yes	MT9DN
20/08/2018	16:38	6245707.32	331152.81	20.66	25	Yes	MT9DN
20/08/2018	16:38	6245707.32	331152.81	12.94	25	Yes	MT9DN
20/08/2018	16:38	6245707.41	331289.25	0.91	25	Yes	MT9DN
20/08/2018	16:38	6245768.32	331207.01	3.681	10	Yes	MT9DN
21/08/2018	17:06	6245768.32	331207.01	1.557	10	Yes	MT9DS
21/08/2018	17:06	6245664.58	331268.03	5.467	25	Yes	MT9DS
21/08/2018	17:06	6245707.41	331289.25	11.42	25	Yes	MT9DS
22/08/2018	16:37	6245664.58	331268.03	1.628	25	Yes	MT9DN
22/08/2018	16:37	6245707.32	331152.81	10.45	25	Yes	MT9DN
22/08/2018	16:37	6245707.41	331289.25	0.07	25	Yes	MT9DN
22/08/2018	16:37	6245768.32	331207.01	3.126	10	Yes	MT9DN
22/08/2018	16:37	6245741.99	331169.1	12.51	10	Yes	MT9DN
23/08/2018	16:35	6245768.32	331207.01	1.74	10	Yes	MT9DS

# Environment Protection Licence Monitoring Data

Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
23/08/2018	16:35	6245664.58	331268.03	4.267	25	Yes	MT9DS
23/08/2018	16:39	6245707.41	331289.25	10.39	25	Yes	MT9DS
24/08/2018	16:37	6245664.58	331268.03	1.026	25	Yes	MT9DN
24/08/2018	16:45	6245707.32	331152.81	8.566	25	Yes	MT9DN
24/08/2018	16:37	6245707.41	331289.25	0.7	25	Yes	MT9DN
24/08/2018	16:37	6245768.32	331207.01	2.834	10	Yes	MT9DN
27/08/2018	16:38	6245707.32	331152.81	10.747	25	Yes	MT9DN
27/08/2018	16:38	6245707.41	331289.25	0.75	25	Yes	MT9DN
27/08/2018	16:38	6245768.32	331207.01	2.954	10	Yes	MT9DN
28/08/2018	16:36	6245768.32	331207.01	1.396	10	Yes	MT9DS
28/08/2018	16:36	6245664.58	331268.03	7.559	25	Yes	MT9DS
28/08/2018	16:36	6245707.41	331289.25	12.49	25	Yes	MT9DS
29/08/2018	16:33	6245664.58	331268.03	0.92	25	Yes	MT9DN
29/08/2018	16:33	6245707.32	331152.81	12.423	25	Yes	MT9DN
29/08/2018	16:33	6245707.41	331289.25	0.82	25	Yes	MT9DN

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Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
29/08/2018	16:33	6245768.32	331207.01	3.463	10	Yes	MT9DN
30/08/2018	16:31	6245768.32	331207.01	3.463	10	Yes	MT9DS
30/08/2018	16:31	6245664.58	331268.03	5.071	25	Yes	MT9DS
30/08/2018	16:31	6245707.41	331289.25	13.39	25	Yes	MT9DS
31/08/2018	16:45	6245664.58	331268.03	1.212	25	Yes	MT9DN
31/08/2018	16:45	6245707.32	331152.81	11.912	25	Yes	MT9DN
31/08/2018	16:45	6245707.41	331289.25	0.67	25	Yes	MT9DN
31/08/2018	16:45	6245768.32	331207.01	2.637	10	Yes	MT9DN

Monitoring Type: Ground Water Monitoring (EPL 4627)

Date Sampled: 13/08/2018		Monitoring Point					
Pollutant	Units	2 (MW1)	3 (LDS-BH-3071)	4 (LDS-BH-3071a)	5 (LDS-BH-2023)	6 (MW4b)	Frequency (MP 2-6)
Standing Water Level	mBTOC	Destroyed	4.28	Dry	2.30	15.50	Quarterly
Temperature (field)	deg c	Destroyed	19.6	Dry	20.7	21.9	Quarterly
pH (field)	pH units	Destroyed	5.53	Dry	6.82	7.29	Quarterly
Electrical Conductivity (field)	uS/cm	Destroyed	5440	Dry	1356	664	Quarterly
Redox (field)	mV	Destroyed	-25	Dry	-52	-47	Quarterly
Dissolved Oxygen (field)	mg/L	Destroyed	1.06	Dry	1.47	1.12	Quarterly
Total Organic Carbon	mg/L	Destroyed	13	Dry	6	5	Quarterly
Total Dissolved Solids	mg/L	Destroyed	2900	Dry	890	120	Quarterly
Chloride	mg/L	Destroyed	1300	Dry	51	26	Quarterly
Sulphate	mg/L	Destroyed	470	Dry	170	7	Quarterly
Sodium (Na)	mg/L	Destroyed	1300	Dry	73	31	Quarterly
Potassium (I) Ion	mg/L	Destroyed	<10	Dry	22	7.4	Quarterly
Calcium (II) Ion	mg/L	Destroyed	17	Dry	210	15	Quarterly
Magnesium (II) Ion	mg/L	Destroyed	68	Dry	21	1.4	Quarterly
Ammonia as N	mg/L	Destroyed	0.54	Dry	0.052	0.029	Quarterly
Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Destroyed	82	Dry	470	60	Quarterly
pH	pH Units	Destroyed	5.8	Dry	7.1	7.3	Quarterly

Monitoring Type: Leachate Analytical Results (EPL 4627)

Date Sampled: 13/08/2018		Monitoring Point	
Pollutant	Units	7 (LP1)	Frequency (MP 7)
Temperature (field)	deg c	18.2	Quarterly
pH (field)	pH units	7.21	Quarterly
Electrical Conductivity (field)	uS/cm	7540	Quarterly
Redox (field)	mV	-18	Quarterly
Dissolved Oxygen (field)	mg/L	3.65	Quarterly

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Date Sampled: 13/08/2018	Monitoring Point		
Pollutant	Units	7 (LP1)	Frequency (MP 7)
Electrical Conductivity	µS/cm	7100	Quarterly
pH	pH units	7.6	Quarterly
Biological Oxygen Demand	mg/L	40	Quarterly
Total Dissolved Solids	mg/L	3600	Quarterly
Ammonia as N	mg/L	150	Quarterly
Total Alkalinity (Carbonate and Bicarbonate)	mg/L	2300	Quarterly
Chloride	mg/L	1100	Quarterly
Sulphate	mg/L	20	Quarterly
Sodium (Na)	mg/L	1400	Quarterly
Potassium (I) Ion	mg/L	200	Quarterly
Calcium (II) Ion	mg/L	120	Quarterly
Magnesium (II) Ion	mg/L	85	Quarterly
Fluoride, F	mg/L	0.5	Quarterly
Nitrate as N in water	mg/L	0.29	Quarterly
Nitrite as N in water	mg/L	0.022	Quarterly
Total Phenolics (as Phenol)	mg/L	<0.05	Quarterly
Total Suspended Solids	mg/L	48	Quarterly
Total Organic Carbon	mg/L	170	Quarterly
TRH C6 - C9	µg/L	<100	Quarterly
TRH C6 - C10	µg/L	<100	Quarterly
Benzene	µg/L	<10	Quarterly
Toluene	µg/L	<10	Quarterly
Ethylbenzene	µg/L	<10	Quarterly
m+p-xylene	µg/L	<20	Quarterly
o-xylene	µg/L	<10	Quarterly
Naphthalene	µg/L	<10	Quarterly
TRH C10 - C14	µg/L	320	Quarterly
TRH C15 - C28	µg/L	1100	Quarterly

# Environment Protection Licence Monitoring Data

Date Sampled: 13/08/2018	Monitoring Point		
Pollutant	Units	7 (LP1)	Frequency (MP 7)
TRH C29 - C36	µg/L	<100	Quarterly
TRH >C10 - C16	µg/L	490	Quarterly
TRH >C10 - C16 less Naphthalene (F2)	µg/L	490	Quarterly
TRH >C16 - C34	µg/L	900	Quarterly
TRH >C34 - C40	µg/L	<100	Quarterly
Naphthalene	µg/L	4	Quarterly
Acenaphthylene	µg/L	<1	Quarterly
Acenaphthene	µg/L	<1	Quarterly
Fluorene	µg/L	<1	Quarterly
Phenanthrene	µg/L	<1	Quarterly
Anthracene	µg/L	<1	Quarterly
Fluoranthene	µg/L	<1	Quarterly
Pyrene	µg/L	<1	Quarterly
Benzo(a)anthracene	µg/L	<1	Quarterly
Chrysene	µg/L	<1	Quarterly
Benzo(b,j+k)fluoranthene	µg/L	<2	Quarterly
Benzo(a)pyrene	µg/L	<1	Quarterly
Indeno(1,2,3-c, d)pyrene	µg/L	<1	Quarterly
Dibenzo(a,h)anthracene	µg/L	<1	Quarterly
Benzo(g,h,i)perylene	µg/L	<1	Quarterly
Benzo(a)pyrene TEQ	µg/L	<5	Quarterly
Total +ve PAH's	µg/L	4	Quarterly
HCB	µg/L	<0.2	Quarterly
alpha-BHC	µg/L	<0.2	Quarterly
gamma-BHC	µg/L	<0.2	Quarterly
beta-BHC	µg/L	<0.2	Quarterly
Heptachlor	µg/L	<0.2	Quarterly
delta-BHC	µg/L	<0.2	Quarterly
Aldrin	µg/L	<0.2	Quarterly

# Environment Protection Licence Monitoring Data

Date Sampled: 13/08/2018	Monitoring Point		
Pollutant	Units	7 (LP1)	Frequency (MP 7)
Heptachlor Epoxide	µg/L	<0.2	Quarterly
gamma-Chlordane	µg/L	<0.2	Quarterly
alpha-Chlordane	µg/L	<0.2	Quarterly
Endosulfan I	µg/L	<0.2	Quarterly
pp-DDE	µg/L	<0.2	Quarterly
Dieldrin	µg/L	<0.2	Quarterly
Endrin	µg/L	<0.2	Quarterly
pp-DDD	µg/L	<0.2	Quarterly
Endosulfan II	µg/L	<0.2	Quarterly
pp-DDT	µg/L	<0.2	Quarterly
Endrin Aldehyde	µg/L	<0.2	Quarterly
Endosulfan Sulphate	µg/L	<0.2	Quarterly
Methoxychlor	µg/L	<0.2	Quarterly
Azinphos-methyl (Guthion)	µg/L	<0.2	Quarterly
Bromophos ethyl	µg/L	<0.2	Quarterly
Chlorpyriphos	µg/L	<0.2	Quarterly
Chlorpyriphos-methyl	µg/L	<0.2	Quarterly
Diazinon	mg/L	<0.2	Quarterly
Dichlorovos	µg/L	<0.2	Quarterly
Dimethoate	µg/L	<0.2	Quarterly
Ethion	µg/L	<0.2	Quarterly
Fenitrothion	µg/L	<0.2	Quarterly
Malathion	µg/L	<0.2	Quarterly
Parathion	µg/L	<0.2	Quarterly
Ronnel	µg/L	<0.2	Quarterly
Aluminium	µg/L	10	Quarterly
Arsenic	µg/L	3	Quarterly
Barium	µg/L	2500	Quarterly
Cadmium	µg/L	<0.1	Quarterly

# Environment Protection Licence Monitoring Data

Date Sampled: 13/08/2018	Monitoring Point		
Pollutant	Units	7 (LP1)	Frequency (MP 7)
Chromium	µg/L	10	Quarterly
Hexavalent Chromium, Cr6+	mg/L	<0.05	Quarterly
Cobalt	µg/L	4	Quarterly
Copper	µg/L	2	Quarterly
Lead	µg/L	<1	Quarterly
Manganese	µg/L	100	Quarterly
Mercury	µg/L	<0.05	Quarterly
Zinc	µg/L	5	Quarterly





Rev	Description	Date	Approved
E	ALF boundary modification	01/02/2017	
D	Modified Premise Area Boundary and Discharge Point	20/12/2016	
C	Modified Premise Area Boundary	15/11/2016	
B	Modified Premise Area Boundary	11/05/2016	
A	Preliminary Issue	18/03/2016	

Scales

0 1,000 m

1:30000

Imagery © Nearmap 2016

Client

Status			
For Information Only - NOT FOR CONSTRUCTION			
Original Size	A3	Drawn	PB
Coordinate System	MGA ZONE 56	Requested by	DL
Height Datum	AHD	Date Printed	01-Feb-17
Filename:	Premise_Overview_rev.mxd		

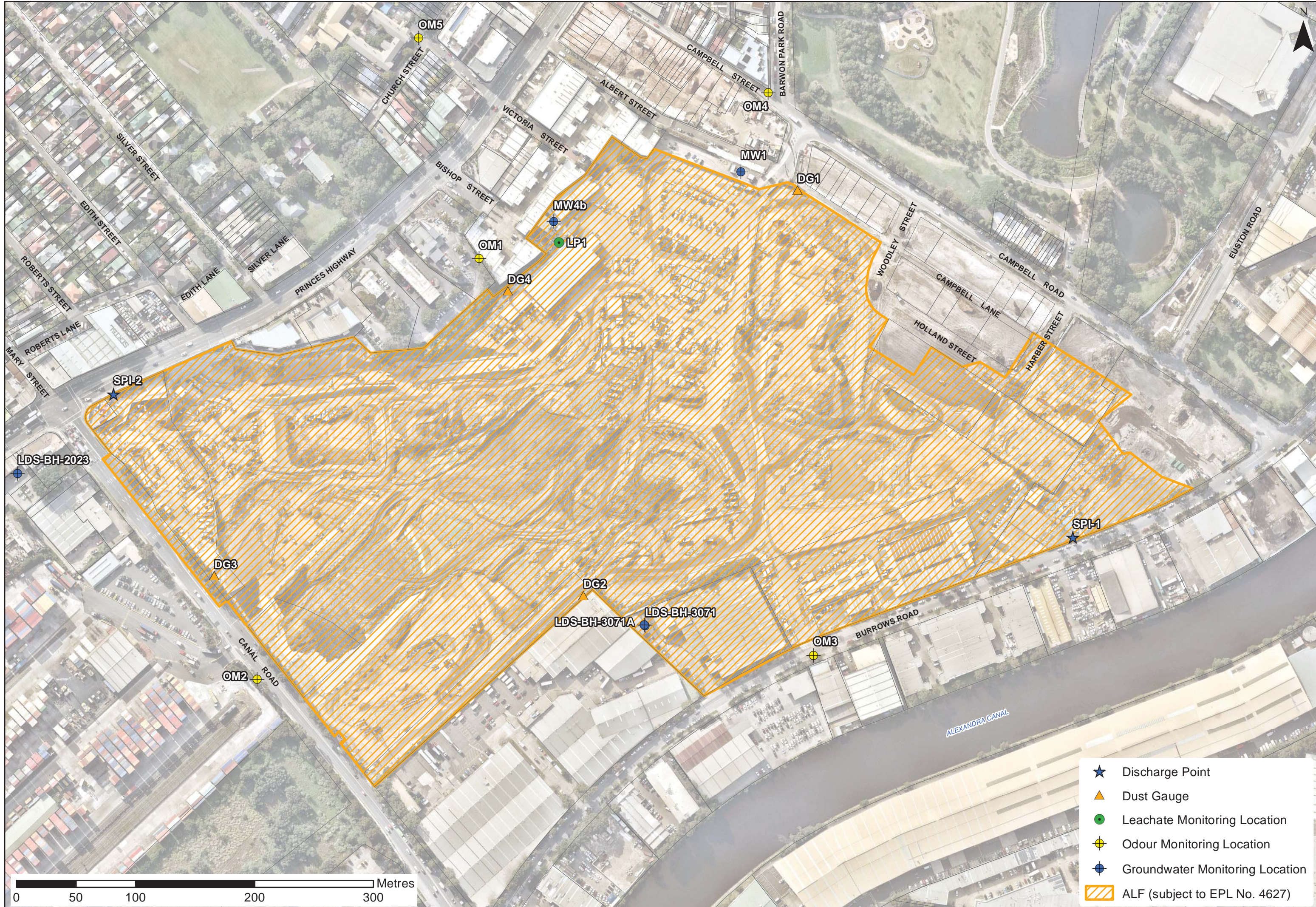
WestConnex New M5

**WESTCONNEX New M5**

Premise Map Overview

DOCUMENT NUMBER

M5N-ES-MAP-PWD-0001-08



- ★ Discharge Point
- ▲ Dust Gauge
- Leachate Monitoring Location
- ⊕ Odour Monitoring Location
- ⊕ Groundwater Monitoring Location
- ▨ ALF (subject to EPL No. 4627)