

# Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	October 2017	
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	1/10/2017	50	*8	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	1/10/2017	50	*1.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	1/10/2017	50	*18	6.5-8.5	7.67	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/10/2017	50	*3.8	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/10/2017	50	*1.0	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	2/10/2017	50	*15	6.5-8.5	6.97	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/10/2017	50	*4.79	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	3/10/2017	50	*2.4	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	3/10/2017	50	*20	6.5-8.5	7.23	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/10/2017	50	*4.70	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	4/10/2017	50	*1.1	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	4/10/2017	50	*0.7	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	4/10/2017	50	*10	6.5-8.5	7.48	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/10/2017	50	*4.04	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/10/2017	50	*0.5	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	5/10/2017	50	*0.4	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	5/10/2017	50	*20	6.5-8.5	7.03	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/10/2017	50	*4.6	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	6/10/2017	50	*1.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	6/10/2017	50	*0.4	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	6/10/2017	50	*20	6.5-8.5	7.24	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/10/2017	50	*6.15	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/10/2017	50	*0.6	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	7/10/2017	50	*0.5	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	7/10/2017	50	*25	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/10/2017	50	*6.5	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	8/10/2017	50	*0.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	8/10/2017	50	*20	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/10/2017	50	*4.79	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	9/10/2017	50	*1.6	6.5-8.5	6.9	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	9/10/2017	50	*0.4	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	9/10/2017	50	*10	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/10/2017	50	*6.10	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/10/2017	50	*1.3	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	10/10/2017	50	*0.2	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	10/10/2017	50	*25	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/10/2017	50	*13	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/10/2017	50	*1.3	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	11/10/2017	50	*0.3	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	11/10/2017	50	*20	6.5-8.5	7.21	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/10/2017	50	*3.00	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	12/10/2017	50	*0.2	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	12/10/2017	50	*35	6.5-8.5	6.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/10/2017	50	*3.70	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/10/2017	50	*0.9	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	13/10/2017	50	*0.2	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	13/10/2017	50	*15	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	14/10/2017	50	*7.90	6.5-8.5	7.6	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 BED-1	14/10/2017	50	*0.8	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	14/10/2017	50	*0.8	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	14/10/2017	50	*15	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/10/2017	50	*6.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	15/10/2017	50	*0.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	15/10/2017	50	*20	6.5-8.5	7.01	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/10/2017	50	*14	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/10/2017	50	*1.1	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	16/10/2017	50	*1.0	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	16/10/2017	50	*15	6.5-8.5	7.02	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/10/2017	50	*6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	17/10/2017	50	*0.8	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	17/10/2017	50	*0.3	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	17/10/2017	50	*15	6.5-8.5	7.85	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/10/2017	50	*3.7	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	18/10/2017	50	*0.5	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	18/10/2017	50	*0.3	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	18/10/2017	50	*20	6.5-8.5	6.81	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	19/10/2017	50	*4.4	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/10/2017	50	*1.4	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	19/10/2017	50	*20	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/10/2017	50	*7.4	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/10/2017	50	*3.3	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	20/10/2017	50	*0.4	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	20/10/2017	50	*15	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/10/2017	50	*6.4	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/10/2017	50	*1.2	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	21/10/2017	50	*1.3	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	21/10/2017	50	*10	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/10/2017	50	*6	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/10/2017	50	*1.2	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	22/10/2017	50	*15	6.5-8.5	7.04	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	23/10/2017	50	*5.5	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	23/10/2017	50	*4.0	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	23/10/2017	50	*0.3	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	23/10/2017	50	*10	6.5-8.5	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	24/10/2017	50	*4.10	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	24/10/2017	50	*5.1	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	24/10/2017	50	*0.5	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/10/2017	50	*4.10	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	25/10/2017	50	*1.1	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	25/10/2017	50	*0.8	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/10/2017	50	*4.4	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	26/10/2017	50	*1.2	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	26/10/2017	50	*0.3	6.5-8.5	8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/10/2017	50	*20.3	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	27/10/2017	50	*1.5	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	27/10/2017	50	*0.4	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/10/2017	50	*5.82	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	28/10/2017	50	*2.3	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	28/10/2017	50	*0.3	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	28/10/2017	50	*10	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/10/2017	50	*18.2	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	29/10/2017	50	*7.7	6.5-8.5	6.8	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	29/10/2017	50	*15	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/10/2017	50	*2.5	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	30/10/2017	50	*2.8	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	30/10/2017	50	*0.5	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	30/10/2017	50	*20	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/10/2017	50	*5.30	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	31/10/2017	50	*1.4	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	31/10/2017	50	*0.5	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	31/10/2017	50	*15	6.5-8.5	6.84	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/m <sup>2</sup> /month	Comment
DG1/9	10/09/2017	11/10/2017	6.4	
DG2/10	10/09/2017	11/10/2017	7.6	
DG3/11	10/09/2017	11/10/2017	8.4	
DG4/12	10/09/2017	11/10/2017	7.8	

# Environment Protection Licence Monitoring Data

**Monitoring Type: Ground Vibration Peak Particle Velocity monitoring**

Arncliffe Construction Compound							
Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
3/10/2017	2:36:01 PM	329728.149	6243576.001	3.871	10	Yes	
4/10/2017	4:46:59 PM	329728.149	6243576.001	2.712	10	Yes	
5/10/2017	3:05:00 PM	329728.149	6243576.001	2.395	10	Yes	
6/10/2017	1:18:57 PM	329728.149	6243576.001	3.209	10	Yes	
7/10/2017	10:44:01 AM	329728.149	6243576.001	2.205	10	Yes	
9/10/2017	10:43:02 AM	329728.149	6243576.001	3.031	10	Yes	
10/10/2017	10:40:02 AM	329728.149	6243576.001	3.112	10	Yes	
11/10/2017	10:58:01 AM	329728.149	6243576.001	2.788	10	Yes	
12/10/2017	10:27:03 AM	329728.149	6243576.001	3.204	10	Yes	
13/10/2017	12:20:03 PM	329728.149	6243576.001	3.154	10	Yes	
16/10/2017	10:47:05 AM	329728.149	6243576.001	3.206	10	Yes	
17/10/2017	13:44:06 AM	329728.149	6243576.001	3.906	10	Yes	
19/10/2017	12:02:39 PM	329728.149	6243576.001	3.37	10	Yes	
21/10/2017	12:51:07 PM	329728.149	6243576.001	5.013	10	Yes	
23/10/2017	11:42:08 AM	329728.149	6243576.001	4.91	10	Yes	
24/10/2017	1:18:10 PM	329728.149	6243576.001	4.822	10	Yes	
26/10/2017	10:08:10 AM	329728.149	6243576.001	7.169	10	Yes	



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27/10/2017	4:08:10 PM	329728.149	6243576.001	5.884	10	Yes	
30/10/2017	11:41:12 AM	329728.149	6243576.001	5.808	10	Yes	
31/10/2017	11:24:12 AM	329728.149	6243576.001	3.331	10	Yes	
<b>St Peters Drivers</b>							
Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
25/10/2017	16:55	330905.83	6245525.5	2.56	10	Yes	
25/10/2017	16:55	330959.80	6245728.74	1.49	10	Yes	
25/10/2017	16:55	331095.94	6245528.25	-	10	-	Unit error - Data unusable
25/10/2017	16:55	330905.83	6245525.5	4.61	10	Yes	

Environment Protection Licence Monitoring Data



Monitoring Type: Odour Monitoring (EPL 4627)

Date	Monitoring Start Time	Monitoring Finish Time	Surveyor	Wind Direction	Locations															Comments
					OM1			OM2			OM3			OM4			OM5			
					Odour (OU)	H <sub>2</sub> S(ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S(ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	
1/10/2017	1:02:00 PM	4:06:00 PM	CDSJV	ESE-E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
2/10/2017	2:25:00 PM	3:16:00 PM	CDSJV	E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
3/10/2017	2:00:00 PM	2:35:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
4/10/2017	3:35:00 PM	4:15:00 PM	CDSJV	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
5/10/2017	3:20:00 PM	4:00:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
6/10/2017	2:45:00 PM	3:25:00 PM	CDSJV	SSE-SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
7/10/2017	10:15:00 AM	10:50:00 PM	CDSJV	SSW-S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
8/10/2017	3:35:00 PM	4:45:00 PM	SEMA	NNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
9/10/2017	3:40:00 PM	4:10:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
10/10/2017	10:10:00 AM	11:10:00 AM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
11/10/2017	3:00:00 PM	3:40:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
12/10/2017	2:20:00 PM	2:50:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
13/10/2017	8:50:00 AM	12:20:00 PM	CDSJV	W-ESE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
14/10/2017	5:46:00 PM	6:17:00 PM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
15/10/2017	4:00:00 PM	5:05:00 PM	SEMA	E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
16/10/2017	2:33:00 PM	3:15:00 PM	CDSJV	E-ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
17/10/2017	3:20:00 PM	3:45:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
18/10/2017	3:05:00 PM	3:35:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.

Environment Protection Licence Monitoring Data



Date	Monitoring Start Time	Monitoring Finish Time	Surveyor	Wind Direction	Locations															Comments
					OM1			OM2			OM3			OM4			OM5			
					Odour (OU)	H <sub>2</sub> S(ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S(ppb)	NH <sub>3</sub> (ppm)	Odour (OU)	H <sub>2</sub> S (ppb)	NH <sub>3</sub> (ppm)	
19/10/2017	12:15:00 PM	1:05:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
20/10/2017	1:55:00 PM	2:20:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
21/10/2017	8:35:00 AM	9:15:00 AM	CDSJV	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
22/10/2017	3:00:00 PM	4:05:00 PM	SEMA	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
23/10/2017	3:30:00 PM	3:50:00 PM	CDSJV	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
24/10/2017	2:15:00 AM	3:00:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
25/10/2017	11:20:00 AM	12:00:00 PM	CDSJV	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
26/10/2017	3:00:00 PM	3:15:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
27/10/2017	3:50:00 PM	4:10:00 PM	CDSJV	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
28/10/2017	2:10:00 PM	3:02:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
29/10/2017	4:00:00 PM	5:05:00 PM	SEMA	NE-NNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
30/10/2017	3:15:00 PM	3:50:00 PM	CDSJV	NW-WNW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
31/10/2017	2:50:00 PM	3:15:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.

<sup>1</sup>ND = Non-detect <sup>2</sup>All monitoring locations are surveyed/ day <sup>3</sup>Refer to monitoring map attached



- ★ Discharge Point
- 🚉 Railway Station
- Powerline Alignments
- ALF (subject to EPL No. 4627)
- Deed Boundary
- Premised Area
- Access Only

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

WestConnex

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_rev6.mxd		

WestConnex New M5

CPB  
CONTRACTORS

DRAGADOS

SAMSUNG  
SAMSUNG C&T

aurecon

JACOBS

HASSELL

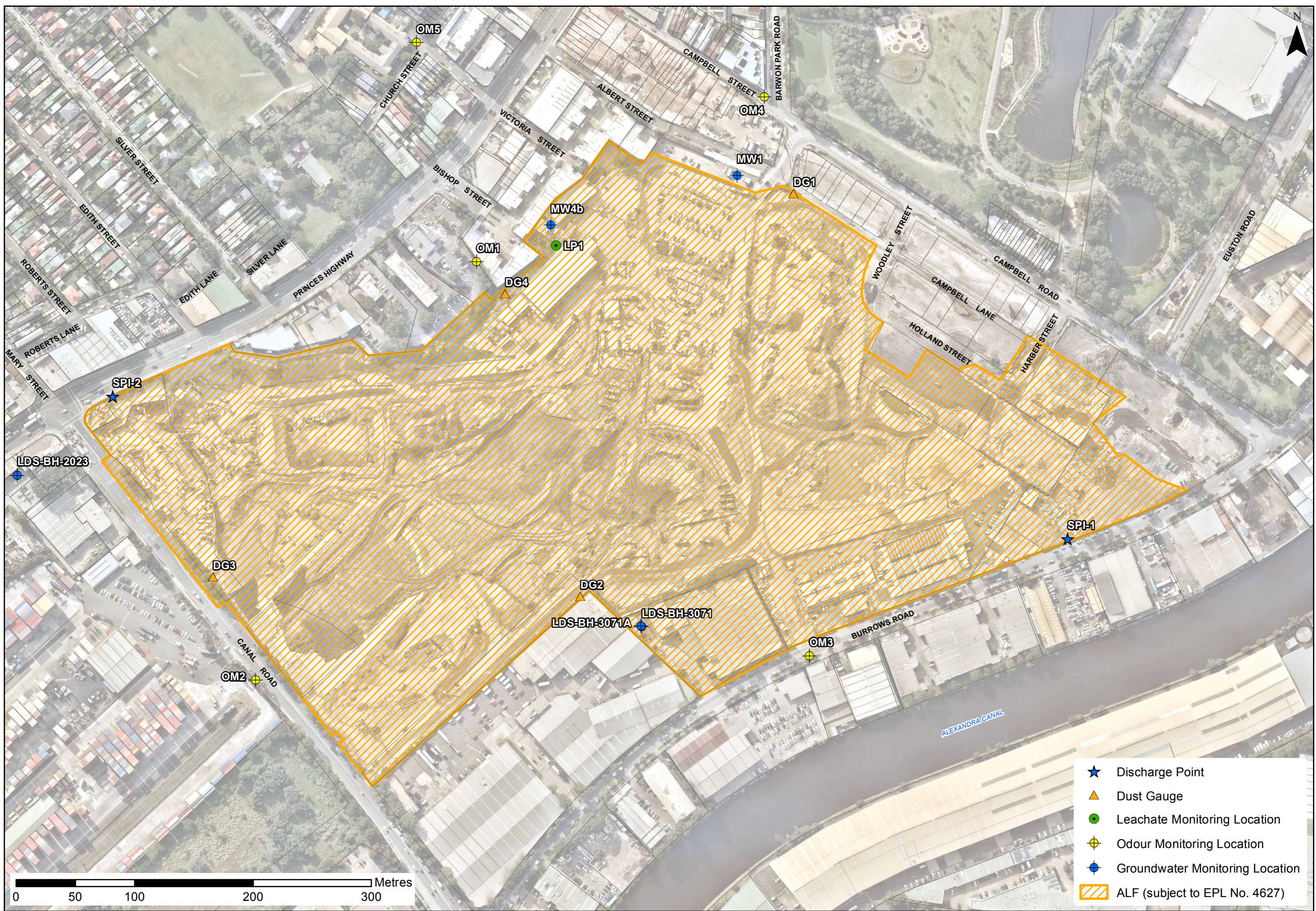
Golder  
Associates

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)

0 50 100 200 300 Metres