

Environment Protection Licence Monitoring Data

Project name:	WestConnex – New M5	
Licensee	CPB Contractors Pty Limited	
Monitoring period	December 2017	
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	1/12/2017	50	*3.2	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	1/12/2017	50	*2.8	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	1/12/2017	50	*2.7	6.5-8.5	8.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	1/12/2017	50	*10	6.5-8.5	7.26	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	2/12/2017	50	*3	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	2/12/2017	50	*2.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	2/12/2017	50	*20	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	3/12/2017	50	*2.7	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	3/12/2017	50	*3.3	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	3/12/2017	50	*20	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	4/12/2017	50	*3.6	6.5-8.5	7.4	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	4/12/2017	50	*6.0	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	4/12/2017	50	*20	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	5/12/2017	50	*2.9	6.5-8.5	8.0	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	5/12/2017	50	*3.1	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	5/12/2017	50	*15	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	6/12/2017	50	*2.0	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	6/12/2017	50	*0.8	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	6/12/2017	50	*2.6	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	6/12/2017	50	*30	6.5-8.5	6.68	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	7/12/2017	50	*3.15	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	7/12/2017	50	*0.6	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	7/12/2017	50	*2.2	6.5-8.5	8.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	7/12/2017	50	*45	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	8/12/2017	50	*2	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	8/12/2017	50	*0.6	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	8/12/2017	50	*40	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	9/12/2017	50	*3.4	6.5-8.5	7.7	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	9/12/2017	50	*0.8	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	9/12/2017	50	*35	6.5-8.5	6.89	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	10/12/2017	50	*2.9	6.5-8.5	7.8	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	10/12/2017	50	*1.8	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	10/12/2017	50	*30	6.5-8.5	6.6	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	11/12/2017	50	*3.5	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	11/12/2017	50	*1.1	6.5-8.5	7.0	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	11/12/2017	50	*2.4	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	11/12/2017	50	*25	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	12/12/2017	50	*3.4	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	12/12/2017	50	*2.0	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	12/12/2017	50	*1.5	6.5-8.5	8.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	12/12/2017	50	*20	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	13/12/2017	50	*3	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	13/12/2017	50	*0.7	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	13/12/2017	50	*2.2	6.5-8.5	8.1	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	13/12/2017	50	*5	6.5-8.5	7.4	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 ARN-2	14/12/2017	50	*3.1	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	14/12/2017	50	*0.6	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	14/12/2017	50	*3.8	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	14/12/2017	50	*15	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	15/12/2017	50	*2.4	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	15/12/2017	50	*1.0	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	15/12/2017	50	*4.7	6.5-8.5	8.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	15/12/2017	50	*40	6.5-8.5	7	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	16/12/2017	50	*2.93	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	16/12/2017	50	*1.8	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	16/12/2017	50	*4.8	6.5-8.5	8.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	16/12/2017	50	*40	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	17/12/2017	50	*2.65	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	17/12/2017	50	*1.6	6.5-8.5	6.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	17/12/2017	50	*35	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	18/12/2017	50	*2.8	6.5-8.5	7.6	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	18/12/2017	50	*1.6	6.5-8.5	6.7	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	18/12/2017	50	*6.9	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	18/12/2017	50	*40	6.5-8.5	6.99	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	19/12/2017	50	*4	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	19/12/2017	50	*1.2	6.5-8.5	6.7	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	19/12/2017	50	*7.8	6.5-8.5	7.7	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	19/12/2017	50	*20	6.5-8.5	6.87	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	20/12/2017	50	*3.4	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	20/12/2017	50	*4.8	6.5-8.5	7.2	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	20/12/2017	50	*30	6.5-8.5	6.83	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	21/12/2017	50	*3.2	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	21/12/2017	50	*1.3	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	21/12/2017	50	*2.5	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	21/12/2017	50	*35	6.5-8.5	7.32	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	22/12/2017	50	*2.0	6.5-8.5	7.5	None visible	None	Each discharge	Compliant
Water Treatment Plant BED-1	22/12/2017	50	*1.7	6.5-8.5	7.1	None visible	None	Each discharge	Compliant
Water Treatment Plant KGD-1	22/12/2017	50	*2.3	6.5-8.5	7.9	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	22/12/2017	50	*25	6.5-8.5	8.14	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	23/12/2017	50	*3.0	6.5-8.5	7.4	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	23/12/2017	50	*15	6.5-8.5	6.93	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	24/12/2017	50	*3.1	6.5-8.5	7.3	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	24/12/2017	50	*10	6.5-8.5	6.83	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	25/12/2017	50	*5.6	6.5-8.5	6.8	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	25/12/2017	50	*20	6.5-8.5	6.99	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	26/12/2017	50	*8.16	6.5-8.5	8.0	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	26/12/2017	50	*20	6.5-8.5	6.88	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	27/12/2017	50	*9.31	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	27/12/2017	50	*20	6.5-8.5	6.86	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	28/12/2017	50	*2.7	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	28/12/2017	50	*20	6.5-8.5	7.13	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	29/12/2017	50	*3.70	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	29/12/2017	50	*20	6.5-8.5	7.15	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	30/12/2017	50	*3.80	6.5-8.5	6.5	None visible	None	Each discharge	Compliant
Water Treatment Plant SPI-2	30/12/2017	50	*30	6.5-8.5	7.01	None visible	None	Each discharge	Compliant
Water Treatment Plant ARN-2	31/12/2017	50	*4.9	6.5-8.5	6.9	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	31/12/2017	50	*15	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.

Monitoring Type:

Dust Monitoring (EPL 4627)

Monitoring Point / EPA Identification point (EPL 4627)	Start Date	Finish Date	Dust Deposition g/m2/month	Comment
DG1/9	11/11/2017	11/12/2017	11.5	
DG2/10	11/11/2017	11/12/2017	8.6	
DG3/11	11/11/2017	11/12/2017	6.0	
DG4/12	11/11/2017	11/12/2017	17.5	

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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				
1/12/2017	11:15:08 AM	329637.686	6243515.406	5.851	10	Yes	Location of blast: Decline 2
4/12/2017	12:59:59 PM	329637.686	6243515.406	5.369	10	Yes	Location of blast: Decline 2
6/12/2017	12:10:45 PM	329637.686	6243515.406	5.928	10	Yes	Location of blast: Decline 2
7/12/2017	5:12:44 PM	329637.686	6243515.406	4.215	10	Yes	Location of blast: Decline 2
11/12/2017	10:47:53 AM	329637.686	6243515.406	2.739	10	Yes	Location of blast: Decline 2
12/12/2017	10:47:42 AM	329637.686	6243515.406	3.567	10	Yes	Location of blast: Decline 2
14/12/2017	9:53:44 AM	329637.686	6243515.406	2.806	10	Yes	Location of blast: Decline 2
15/12/2017	12:01:44 PM	329637.686	6243515.406	3.356	10	Yes	Location of blast: Decline 2
18/12/2017	11:06:44 AM	329637.686	6243515.406	2.884	10	Yes	Location of blast: Decline 2
19/12/2017	4:28:45 PM	329637.686	6243515.406	2.818	10	Yes	Location of blast: Decline 2
20/12/17	2:07:33 PM	329430.17	6243354.27	2.322	10	Yes	Location of blast: Drive 4
20/12/17	2:06:46 PM	329380.29	6243216.87	2.11	10	Yes	Location of blast: Drive 4. Heritage Item.
21/12/2017	10:05:43 AM	329637.686	6243515.406	4.555	10	Yes	Location of blast: Decline 2

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St Peters Drivers							
Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
01/12/2017	14:49	330903.638	6245524.46	5.25	10	Y	Location: Ramps
01/12/2017	14:49	330873.453	6245457.552	1.31	10	Y	Location: Ramps
04/12/2017	11:39	330903.638	6245524.46	6.69	10	Y	Location: Ramps
04/12/2017	11:39	330873.453	6245457.552	1.99	10	Y	Location: Ramps
05/12/2017	11:58	330903.638	6245524.46	8.34	10	Y	Location: Ramps
05/12/2017	11:58	330873.453	6245457.552	1.42	10	Y	Location: Ramps
06/12/2017	10:49	330763.74	6245365.26	6.22	10	Y	Location: Mainlines
06/12/2017	10:49	330724.87	6245403.7	1.46	10	Y	Location: Mainlines (Heritage)
07/12/2017	12:07	330903.638	6245524.46	6.09	10	Y	Location: Ramps
07/12/2017	12:07	330873.453	6245457.552	1.06	10	Y	Location: Ramps
08/12/2017	09:54	330903.638	6245524.46	8.84	10	Y	Location: Ramps
08/12/2017	09:54	330873.453	6245457.552	1.07	10	Y	Location: Ramps
11/12/2017	12:02	330903.638	6245524.46	6.82	10	Y	Location: Ramps
11/12/2017	12:02	330873.453	6245457.552	1.67	10	Y	Location: Ramps
12/12/2017	11:00	330903.638	6245524.46	7.54	10	Y	Location: Ramps
12/12/2017	11:00	330873.453	6245457.552	0.42	10	Y	Location: Ramps
13/12/2017	09:44	330763.74	6245365.26	6.21	10	Y	Location: Mainlines

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St Peters Drivers							
Date	Time	Location		Peak Particle Velocity (mm/s)	Licence Limit (mm/s)	Compliant	Comments
		Northing	Easting				
13/12/2017	09:44	330724.87	6245403.7	0.49	10	Y	Location: Mainlines (Heritage)
14/12/2017	09:22	330903.638	6245524.46	7.85	10	Y	Location: Ramps
14/12/2017	09:22	330873.453	6245457.552	1.06	10	Y	Location: Ramps
15/12/2017	09:40	330903.638	6245524.46	6.23	10	Y	Location: Ramps
15/12/2017	09:40	330873.453	6245457.552	1.39	10	Y	Location: Ramps
16/12/2017	09:35	330763.74	6245365.26	2.51	10	Y	Location: Mainlines
16/12/2017	09:35	330724.87	6245403.7	0.77	10	Y	Location: Mainlines (Heritage)
18/12/2017	09:41	330903.638	6245524.46	7.55	10	Y	Location: Ramps
19/12/2017	09:45	330903.638	6245524.46	5.13	10	Y	Location: Ramps
20/12/2017	10:26	330763.74	6245365.26	9.92	10	Y	Location: Mainlines
20/12/2017	10:26	330724.87	6245403.7	2.97	10	Y	Location: Mainlines (Heritage)
21/12/2017	10:27	330903.638	6245524.46	4.24	10	Y	Location: Ramps

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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 ₂ S(ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S(ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	
1/12/2017	2:05:00 PM	3:06:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
2/12/2017	2:07:00 PM	3:04:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
3/12/2017	4:30:00 PM	5:30:00 PM	SEMA	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
4/12/2017	2:11:00 PM	3:34:00 PM	CDSJV	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
5/12/2017	3:25:00 PM	4:43:00 PM	CDSJV	SSW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
6/12/2017	3:40:00 PM	4:30:00 PM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
7/12/2017	2:38:00 PM	3:22:00 PM	CDSJV	ENE	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM1 Fragrant (714) odour
8/12/2017	3:02:00 PM	3:45:00 PM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
9/12/2017	2:43:00 PM	3:30:00 PM	CDSJV	E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
10/12/2017	2:40:00 PM	3:30:00 PM	SEMA	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
11/12/2017	3:04:00 PM	4:28:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
12/12/2017	3:30:00 PM	4:38:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
13/12/2017	2:00:00 PM	3:20:00 PM	CDSJV	NNE	<2	ND	ND	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM1 Fragrant (713) and (706) at OM2
14/12/2017	3:40:00 PM	4:40:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
15/12/2017	1:45:00 PM	2:28:00 PM	CDSJV	S	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM3 Fragrant (719) and (710) at OM4
16/12/2017	2:07:00 PM	2:59:00 PM	CDSJV	ENE	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	At Location OM2 Fragrant (416)
17/12/2017	3:30:00 PM	4:30:00 PM	SEMA	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
18/12/2017	3:05:00 PM	7:40:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	ND	ND	ND	At Location OM4 Fragrant (406)

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 ₂ S(ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S(ppb)	NH ₃ (ppm)	Odour (OU)	H ₂ S (ppb)	NH ₃ (ppm)	
19/12/2017	3:11:00 PM	4:03:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
20/12/2017	2:05:00 PM	2:55:00 PM	CDSJV	SSE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	Location OM5 Fragrant (411 & 710) Detected
21/12/2017	4:06:00 PM	4:43:00 PM	CDSJV	ESE	<2	ND	ND	ND	ND	ND	ND	ND	ND	<2	ND	ND	<2	ND	ND	Location OM1, OM4 & OM5 Fragrant (701) Detected
22/12/2017	2:59:00 PM	3:38:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
23/12/2017	2:14:00 PM	3:21:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
24/12/2017	3:00:00 PM	4:01:00 PM	CDSJV	S	<2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Location OM2 Fragrant (406) Detected
25/12/2017	1:58:00 PM	2:49:00 PM	CDSJV	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
26/12/2017	3:18:00 PM	4:04:00 PM	CDSJV	E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
27/12/2017	2:11:00 PM	2:53:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
28/12/2017	1:30:00 PM	2:15:00 PM	CDSJV	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
29/12/2017	1:25:00 PM	2:05:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
30/12/2017	1:15:00 PM	1:55:00 PM	CDSJV	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.
31/12/2017	1:05:00 PM	1:45:00 PM	CDSJV	ENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No detection at all locations.

¹ND = Non-detect ²All monitoring locations are surveyed/ day ³Refer 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

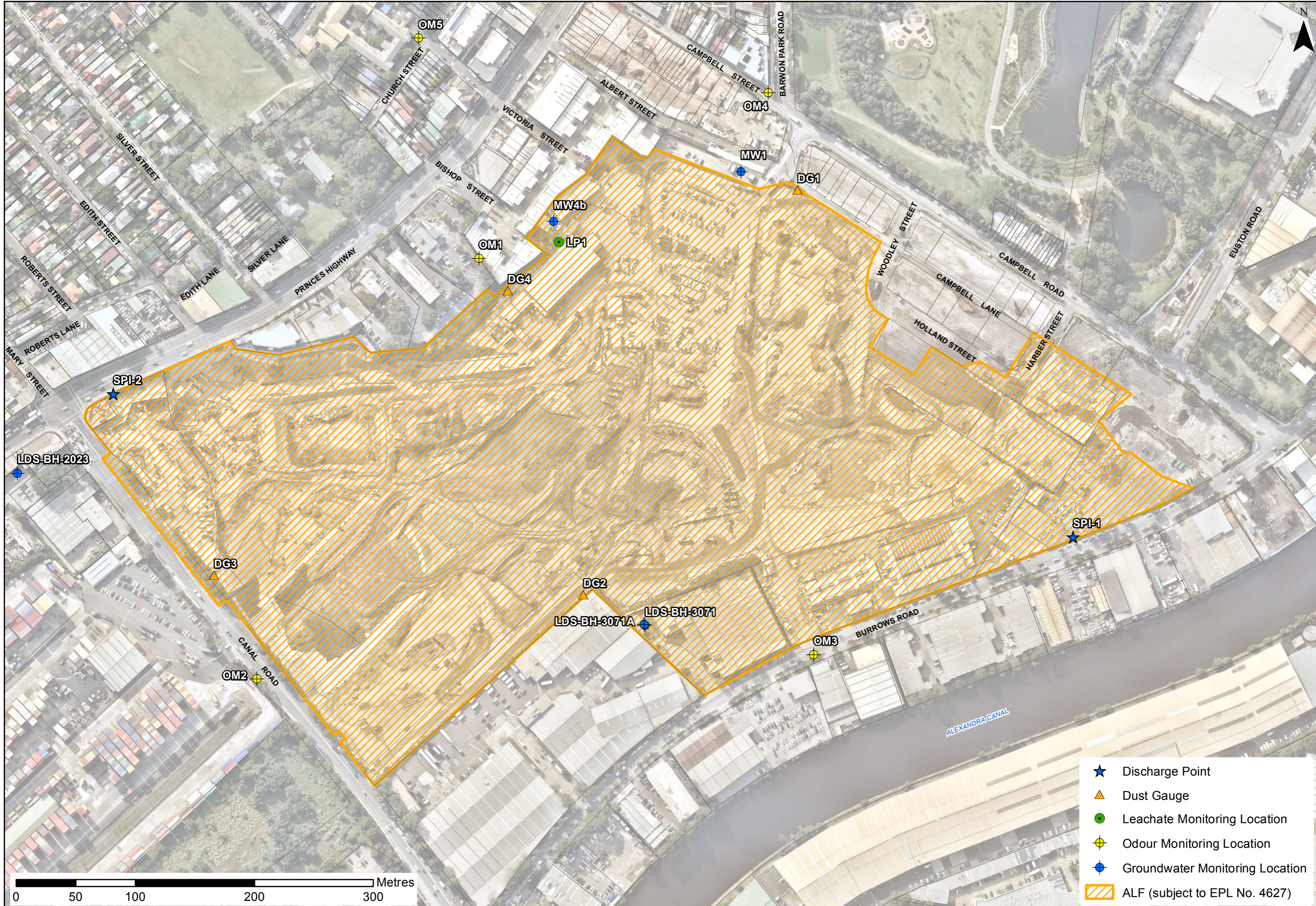
Golder
Associates

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)