

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/1/2021 - 31/1/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
18 January 2021				Water Treatment Plant ARN-2								Grab Sample							
General				Metals (µg/L)								Total Recoverable Hydrocarbons							
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.03	25	7	600	40	8.0	1.0	10.3	1.0	10600	1280	150	9	<100	1540	<100	<100	<100	<100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/2/2021 - 28/2/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
8 February 2021				Water Treatment Plant ARN-2								Grab Sample							
General				Metals (µg/L)								Total Recoverable Hydrocarbons							
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.21	25	12.7	600	170	8.0	1.0	10.3	1.0	10600	1080	150	9	<100	710	<100	<100	<100	<100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/3/2021 - 31/3/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
10 March 2021				Water Treatment Plant ARN-2								Grab Sample							
General				Metals (µg/L)								Total Recoverable Hydrocarbons							
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.45	25	9.4	600	70	8.0	1.0	10.3	1.0	10600	1070	150	5	<100	830	<100	<100	<100	<100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/4/2021 - 30/4/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date		Discharge/Monitoring Point												Sampling Method					
12 April 2021		Water Treatment Plant ARN-2												Grab Sample					
General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Result
6.5 - 8.5	7.63	25	6.7	600	50	8.0	1.0	10.3	2.0	10600	1110	150	40	<100	290	<100	100	<100	100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/5/2021 - 31/5/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
12 May 2021				Water Treatment Plant ARN-2								Grab Sample							
General				Metals (µg/L)								Total Recoverable Hydrocarbons							
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.90	25	5	600	380	8.0	1.0	10.3	1.0	10600	1050	150	40	<100	470	<100	<100	<100	<100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/6/2021 - 30/6/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
9 June 2021	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.78	25	9.1	600	140	8.0	1.0	10.3	<1.0	10600	1190	150	<5	<100	<100	<100	<100	<100	<100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/07/2020 - 31/07/2020
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
17 July 2020	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.60	25	0.7	600	360	8.0	<1.0	10.3	<1.0	10600	963	150	<5	<100	<100	<100	<100	<100	<100

Key

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Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/8/2021 - 31/8/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
23 August 2021	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.73	25	8.6	600	260	8.0	1.0	10.3	1.0	10600	1040	150	7	<100	720	<100	<100	<100	<100

Key

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Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/9/2021 - 30/9/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
3 September 2021	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.31	25	11.8	600	390	8.0	1.0	10.3	1.0	10600	1020	150	5	<100	660	<100	<100	<100	<100

Key

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Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/10/2021 - 31/10/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
7 October 2021	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.71	25	13.1	600	90	8.0	1.0	10.3	1.0	10600	1170	150	5	<100	300	<100	100	<100	100

Key

*90th Percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/11/2021 - 30/11/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date	Discharge/Monitoring Point	Sampling Method
16 November 2021	Water Treatment Plant ARN-2	Grab Sample

General				Metals (µg/L)										Total Recoverable Hydrocarbons					
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.65	25	12.9	600	60	8.0	1.0	10.3	4.0	10600	1040	150	5.0	<100	660	<100	100	<100	100

Key

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Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/12/2021 - 31/12/2021
Website: www.westconnex.com.au/NewM5Environment
Environmental Protection Licence: 21351
Premise Address: Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
14 December 2021				Water Treatment Plant ARN-2								Grab Sample							
General				Metals (µg/L)								Total Recoverable Hydrocarbons							
pH		Turbidity (NTU)		Aluminium		Cobalt		Copper		Manganese		Zinc		C10-C16		C16-C34		C34-C40	
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Results	Limit*	Results
6.5 - 8.5	7.56	25	12	600	110	8.0	1.0	10.3	1.0	10600	1170	150	5.0	<100	<100	<100	<100	<100	<100

Key

*90th Percentile concentration limit