

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/01/2022 - 31/01/2022
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
31 January 2022	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	7.50	25	4.1	600	40	8.0	1.0	10.3	1.0	10600	1310	150	5.0	<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: 1/02/2022 - 28/02/2022
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
11 February 2022	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	7.76	25	1.8	600	30	8.0	1.0	10.3	1.0	10600	1070	150	5.0	<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: 1/03/2022 - 31/03/2022
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
29 March 2022	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	4.1	600	250	8.0	1.0	10.3	<1.0	10600	854	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: 1/04/2022 - 30/04/2022
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
20 April 2022	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	7.89	25	7.1	600	100	8.0	2.0	10.3	<1.0	10600	1070	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: 1/05/2022 - 31/05/2022
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
30 May 2022	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	8.41	25	2.2	600	120	8.0	1.0	10.3	<1.0	10600	862	150	8.0	<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: 1/06/2022 - 30/06/2022
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
15 June 2022	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	25	600	170	8.0	1.0	10.3	<1.0	10600	1050	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: 1/07/2022 - 31/07/2022
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
26 July 2022	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	7.70	25	0.4	600	<10	8.0	2.0	10.3	<1.0	10600	1020	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: 1/08/2022 - 31/08/2022
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
31 August 2022	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	7.83	25	11.8	600	50	8.0	2.0	10.3	1.0	10600	1140	150	5.0	<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: 1/09/2022 - 30/09/2022
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 September 2022				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	7.62	25	3.1	600	40	8.0	2.0	10.3	1.0	10600	1040	150	5.0	<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: 1/10/2022 - 31/10/2022
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 2022				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	7.10	25	3.5	600	50	8.0	1.0	10.3	1.0	10600	1110	150	5.0	<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: 1/11/2022 - 30/11/2022
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 November 2022	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*	Result	Limit*	Result
6.5 - 8.5	7.70	25	23.5	600	20	8.0	2.0	10.3	1.0	10600	1090	150	5.0	<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: 1/12/2022 - 31/12/2022
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 December 2022	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*	Result	Limit*	Result
6.5 - 8.5	7.96	25	9.5	600	27	8.0	2.0	10.3	1.0	10600	920	150	5.0	<100	210	<100	<100	<100	<100

Key

*90th percentile concentration limit