

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/01/2023 - 31/01/2023
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 January 2023	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	7.25	25	1.7	600	80	8.0	2.0	10.3	1.0	10600	1130	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: 1/02/2023 - 28/02/2023
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 February 2023				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	7.41	25	2.7	600	20.0	8.0	2.0	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: 1/03/2023 - 31/03/2023
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 2023				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	7.72	25	1.7	600	20.0	8.0	2.0	10.3	1.0	10600	1130	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: 1/04/2023 - 30/04/2023
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							
19 April 2023				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	8.20	25	22.9	600	20.0	8.0	1.0	10.3	1.0	10600	832	150	5.0	<100	760	<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: 1/05/2023 - 31/05/2023
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							
19 May 2023				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	7.35	25	3	600	30.0	8.0	1.0	10.3	1.0	10600	769	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: 1/06/2023 - 30/06/2023
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
6 June 2023	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	7.78	25	0.6	600	40.0	8.0	3.0	10.3	1.0	10600	1620	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: 1/07/2023 - 31/07/2023
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 July 2023				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	7.10	25	0.7	600	40.0	8.0	1.0	10.3	1.0	10600	38	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: 1/08/2023 - 31/08/2023
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 August 2023				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	3.3	600	430.0	8.0	1.0	10.3	1.0	10600	887	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: 1/09/2023 - 30/09/2023
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
19 September 2023	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	7.55	25	2.2	600	280.0	8.0	1.0	10.3	1.0	10600	69	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: 1/10/2023 - 31/10/2023
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							
13 October 2023		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	7.56	25	1	600	140.0	8.0	1.0	10.3	1.0	10600	174	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: 1/11/2023 - 30/11/2023
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 November 2023				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	7.62	25	1.4	600	530	8.0	1.0	10.3	1.0	10600	155	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: 1/12/2023 - 31/12/2023
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
5 December 2023	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	8.07	25	22.3	600	680.0	8.0	1.0	10.3	1.0	10600	316	150	9.0	<100	<100	<100	<100	<100	<100

Key

*90th percentile concentration limit