

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: 1/01/2024 - 31/01/2024
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 January 2024				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	7.95	25	8.4	600	70	8.0	1.0	10.3	1.0	10600	455	150	5.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/02/2024 - 31/02/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
23 January 2024				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	9	600	10	8.0	1.0	10.3	1.0	10600	930	150	12.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/03/2024 - 31/03/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:																			
Sample Date				Discharge/Monitoring Point										Sampling Method					
5 March 2024				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	7.23	25	5.9	600	10	8.0	1.0	10.3	1.0	10600	515	150	6.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/04/2024 - 30/04/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Monitoring Type:																			
Sample Date				Discharge/Monitoring Point										Sampling Method					
18 April 2024				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	7.58	25	8.3	600	570	8.0	1.0	10.3	1.0	10600	881	150	13.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/05/2024 - 31/05/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
3 May 2024				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	6.95	25	3.8	600	20	8.0	1.0	10.3	1.0	10600	707	150	9.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/06/2024 - 30/06/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date				Discharge/Monitoring Point										Sampling Method					
5/6/2024				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	21.6	600	10	8.0	1.0	10.3	1.0	10600	1180	150	6.0	<100	<100	<100	<100	<100	<100

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*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/07/2024 - 31/07/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date		Discharge/Monitoring Point										Sampling Method							
4 July 2024		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	7.74	25	10.8	600	20	8.0	1.0	10.3	1.0	10600	644	150	61	<100	<100	<100	<100	<100	<100

Key

*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/08/2024 - 31/08/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Sample Date				Discharge/Monitoring Point										Sampling Method					
8/1/2024				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	16.2	600	10	8.0	1.0	10.3	4.0	10600	1030	150	5.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/09/2024 - 30/09/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date				Discharge/Monitoring Point								Sampling Method							
3/9/2024				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	7.52	25	12.9	600	10	8.0	1.0	10.3	1.0	10600	64	150	12.0	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data



Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

1/10/2024 - 31/10/2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205

Monitoring Type:

Sample Date				Discharge/Monitoring Point										Sampling Method					
2/10/2024				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	6.73	25	15.1	600	10	8.0	1.0	10.3	1.0	10600	1100	150	6.0	<100	<100	<100	<100	<100	<100

Key

*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M8
Licensee: WCX M5 PT PTY LTD
Monitoring Period: November 2024
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							
20/11/2024				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	6.83	25	2.4	600	50	8.0	18	10.3	0.001	10600	287000	150	48	<100	<100	<100	<100	<100	<100

Key
*90th percentile concentration limit specified by EPL 21351

Environmental Protection Licence Monitoring Data

Project Name:

Licensee:

Monitoring Period:

Website:

Environmental Protection Licence:

Premise Address:

WestConnex - M8

WCX M5 PT PTY LTD

December 2024

www.westconnex.com.au/NewM5Environment

21351

Operational Water Treatment Plant M8 - Motorway Operations Complex 3 Arncliffe NSW 2205



Sample Date				Discharge/Monitoring Point								Sampling Method							
4/12/2024				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	6.86	25	8.6	600	10	8.0	1	10.3	1	10600	550	150	50	<100	<100	<100	<100	<100	<100

*90th percentile concentration limit specified by EPL 21351