Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/01/2024 - 31/01/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
9 January 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.31**	10	**0.1**	0.0007	**<0.0001**	0.0060	**0.004**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**<0.001**	0.0001	**<0.00004**	0.07	**<0.001**	0.015	**<0.005**	0.5	**<0.001**	0.91	**0.44**	YES

Key
*100 percentile concentration limit

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Jan-24	864	YES
02-Jan-24	774	YES
03-Jan-24	808	YES
04-Jan-24	812	YES
05-Jan-24	771	YES
06-Jan-24	641	YES
07-Jan-24	922	YES
08-Jan-24	799	YES
09-Jan-24	837	YES
10-Jan-24	833	YES
11-Jan-24	779	YES
12-Jan-24	558	YES
13-Jan-24	960	YES
14-Jan-24	900	YES
15-Jan-24	1143	YES
16-Jan-24	835	YES
17-Jan-24	891	YES
18-Jan-24	1128	YES
19-Jan-24	760	YES
20-Jan-24	922	YES
21-Jan-24	771	YES
22-Jan-24	777	YES
23-Jan-24	769	YES
24-Jan-24	833	YES
25-Jan-24	781	YES
26-Jan-24	776	YES
27-Jan-24	854	YES
28-Jan-24	790	YES
29-Jan-24	749	YES
30-Jan-24	757	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/02/2024 - 29/02/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
7 February 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.31**	10	**0.1**	0.0007	**<0.0001**	0.0060	**0.004**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**<0.001**	0.0001	**<0.00004**	0.07	**0.002**	0.015	**<0.005**	0.5	**<0.001**	0.91	**0.02**	YES

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Feb-24	836	YES
02-Feb-24	843	YES
03-Feb-24	0**	
04-Feb-24	927	YES
05-Feb-24	784	YES
06-Feb-24	980	YES
07-Feb-24	675	YES
08-Feb-24	766	YES
09-Feb-24	615	YES
10-Feb-24	681	YES
11-Feb-24	537	YES
12-Feb-24	1325	YES
13-Feb-24	770	YES
14-Feb-24	637	YES
15-Feb-24	901	YES
16-Feb-24	1245	YES
17-Feb-24	826	YES
18-Feb-24	797	YES
19-Feb-24	951	YES
20-Feb-24	1279	YES
21-Feb-24	870	YES
22-Feb-24	821	YES
23-Feb-24	866	YES
24-Feb-24	829	YES
25-Feb-24	753	YES
26-Feb-24	812	YES
27-Feb-24	770	YES
28-Feb-24	796	YES
29-Feb-24	813	YES

Key
*100 percentile concentration limit
** Data gap

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/03/2024 - 31/03/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
5 March 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.42**	10	**0.01**	0.0007	**<0.0001**	0.0060	**0.006**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**<0.001**	0.0001	**<0.00004**	0.07	**0.001**	0.015	**<0.005**	0.5	**<0.001**	0.91	**0.02**	**YES**

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Mar-24	466	YES
02-Mar-24	1203	YES
03-Mar-24	766	YES
04-Mar-24	779	YES
05-Mar-24	775	YES
06-Mar-24	851	YES
07-Mar-24	851	YES
08-Mar-24	780	YES
09-Mar-24	757	YES
10-Mar-24	824	YES
11-Mar-24	792	YES
12-Mar-24	601	YES
13-Mar-24	1009	YES
14-Mar-24	765	YES
15-Mar-24	801	YES
16-Mar-24	811	YES
17-Mar-24	1078	YES
18-Mar-24	798	YES
19-Mar-24	757	YES
20-Mar-24	865	YES
21-Mar-24	766	YES
22-Mar-24	771	YES
23-Mar-24	835	YES
24-Mar-24	744	YES
25-Mar-24	720	YES
26-Mar-24	903	YES
27-Mar-24	735	YES
28-Mar-24	803	YES
29-Mar-24	814	YES
30-Mar-24	770	YES
31-Mar-24	784	YES

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/04/2024 - 30/04/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
23 April 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.55**	10	**0.2**	0.0007	**<0.0001**	0.0060	**0.006**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**<0.001**	0.0001	**<0.00004**	0.07	**0.04**	0.015	**0.023**	0.5	**<0.001**	0.91	**0.09**	**NO (zinc)**

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Apr-24	763	**YES**
02-Apr-24	869	**YES**
03-Apr-24	743	**YES**
04-Apr-24	1783	**YES**
05-Apr-24	1065	**YES**
06-Apr-24	990	**YES**
07-Apr-24	786	**YES**
08-Apr-24	766	**YES**
09-Apr-24	858	**YES**
10-Apr-24	681	**YES**
11-Apr-24	537	**YES**
12-Apr-24	1325	**YES**
13-Apr-24	790	**YES**
14-Apr-24	833	**YES**
15-Apr-24	863	**YES**
16-Apr-24	805	**YES**
17-Apr-24	819	**YES**
18-Apr-24	869	**YES**
19-Apr-24	799	**YES**
20-Apr-24	812	**YES**
21-Apr-24	724	**YES**
22-Apr-24	984	**YES**
23-Apr-24	741	**YES**
24-Apr-24	849	**YES**
25-Apr-24	835	**YES**
26-Apr-24	796	**YES**
27-Apr-24	546	**YES**
28-Apr-24	833	**YES**
29-Apr-24	1035	**YES**
30-Apr-24	766	**YES**

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/05/2024 - 31/05/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
3 May 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.20**	10	**0.1**	0.0007	**0.0001**	0.0060	**0.005**	0.3	**0.05**	0.0044	**0.001**	1.9	**0.004**	0.0001	**0.00004**	0.07	**0.002**	0.015	**0.005**	0.5	**<0.001**	0.91	**1.1**	NO

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-May-24	1036	YES
02-May-24	845	YES
03-May-24	918	YES
04-May-24	870	YES
05-May-24	553	YES
06-May-24	1392	YES
07-May-24	771	YES
08-May-24	1004	YES
09-May-24	527	YES
10-May-24	1149	YES
11-May-24	1110	YES
12-May-24	1026	YES
13-May-24	945	YES
14-May-24	807	YES
15-May-24	775	YES
16-May-24	915	YES
17-May-24	804	YES
18-May-24	844	YES
19-May-24	830	YES
20-May-24	814	YES
21-May-24	809	YES
22-May-24	779	YES
23-May-24	824	YES
24-May-24	803	YES
25-May-24	707	YES
26-May-24	917	YES
27-May-24	778	YES
28-May-24	896	YES
29-May-24	604	YES
30-May-24	971	YES
31-May-24	819	YES

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/06/2024 - 30/06/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
5 June 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.56**	10	**0.1**	0.0007	**<0.0001**	0.0060	**0.005**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**0.003**	0.0001	**<0.00004**	0.07	**0.002**	0.015	**<0.005**	0.5	**<0.001**	0.91	**0.02**	**YES**

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Jun-24	1228	YES
02-Jun-24	1359	YES
03-Jun-24	753	YES
04-Jun-24	877	YES
05-Jun-24	927	YES
06-Jun-24	1121	YES
07-Jun-24	1050	YES
08-Jun-24	873	YES
09-Jun-24	898	YES
10-Jun-24	823	YES
11-Jun-24	825	YES
12-Jun-24	813	YES
13-Jun-24	815	YES
14-Jun-24	1059	YES
15-Jun-24	1129	YES
16-Jun-24	884	YES
17-Jun-24	879	YES
18-Jun-24	819	YES
19-Jun-24	873	YES
20-Jun-24	813	YES
21-Jun-24	367	YES
22-Jun-24	994	YES
23-Jun-24	1552	YES
24-Jun-24	887	YES
25-Jun-24	846	YES
26-Jun-24	889	YES
27-Jun-24	825	YES
28-Jun-24	793	YES
29-Jun-24	864	YES
30-Jun-24	887	YES

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/07/2024 - 31/07/2024
Website: https://www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE- M4-M5 LINK TUNNELS PROJECT 16 ALBERT ST ST PETERS NSW 2044

Condition L2.4 and M2.2
Concentration Limits and Monitoring Requirements

Sample Date	Discharge/Monitoring Point	Sampling Method
4 July 2024	Ops Water Treatment Plant - EPA identification no.1	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES / NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	**7.71**	10	**0.1**	0.0007	**<0.0001**	0.0060	**0.002**	0.3	**<0.05**	0.0044	**<0.001**	1.9	**0.004**	0.0001	**<0.00004**	0.07	**0.004**	0.015	**<0.005**	0.5	**<0.001**	0.91	**0.07**	**YES**

Volume and Mass Limits
Condition L3.1 Maximum Discharge

Date	Daily Flow (kL)	Compliant (Y/N)
01-Jul-24	873	YES
02-Jul-24	878	YES
03-Jul-24	913	YES
04-Jul-24	882	YES
05-Jul-24	965	YES
06-Jul-24	338	YES
07-Jul-24	1384	YES
08-Jul-24	933	YES
09-Jul-24	869	YES
10-Jul-24	820	YES
11-Jul-24	899	YES
12-Jul-24	861	YES
13-Jul-24	804	YES
14-Jul-24	630	YES
15-Jul-24	1062	YES
16-Jul-24	709	YES
17-Jul-24	985	YES
18-Jul-24	560	YES
19-Jul-24	698	YES
20-Jul-24	1186	YES
21-Jul-24	837	YES
22-Jul-24	585	YES
23-Jul-24	1023	YES
24-Jul-24	831	YES
25-Jul-24	808	YES
26-Jul-24	907	YES
27-Jul-24	848	YES
28-Jul-24	814	YES
29-Jul-24	798	YES
30-Jul-24	816	YES
31-Jul-24	834	YES

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4-M8 LINK
Licensee: WCX M4-M5 PT PTY LTD
Monitoring Period: 01/08/2024 - 31/08/2024
Website: www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE - M4-M5 LINK TUNNELS PROJECT, 16 ALBERT ST, ST PETERS NSW 2044

Sample Date	Discharge/Monitoring Point	Sampling Method
1/8/2024	Water Treatment Plant ARN-2	Grab Sample

General				Metals (mg/L)														Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES/NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	7.53	10	0.2	0.0007	<0.0001	0.006	0.005	0.3	<0.05	0.0044	<0.001	1.90	0.001	0.0001	<0.00004	0.07	0.001	0.015	<0.005	0.5	<0.001	0.91	0.01	YES

* 100th percentile concentration limit

Volume and Mass Limits Condition L3.1 Maximum Daily Discharge		
Date	Daily Flow (kL)	Compliant
1/08/2024	831.53	Yes
2/08/2024	808.28	Yes
3/08/2024	792.45	Yes
4/08/2024	822.46	Yes
5/08/2024	846.48	Yes
6/08/2024	794.91	Yes
7/08/2024	757.36	Yes
8/08/2024	822.90	Yes
9/08/2024	777.56	Yes
10/08/2024	857.30	Yes
11/08/2024	830.56	Yes
12/08/2024	844.53	Yes
13/08/2024	827.21	Yes
14/08/2024	798.22	Yes
15/08/2024	1053.97	Yes
16/08/2024	810.94	Yes
17/08/2024	835.82	Yes
18/08/2024	825.43	Yes
19/08/2024	840.78	Yes
20/08/2024	827.66	Yes
21/08/2024	839.65	Yes
22/08/2024	895.51	Yes
23/08/2024	728.62	Yes
24/08/2024	947.25	Yes
25/08/2024	807.21	Yes
26/08/2024	802.31	Yes
27/08/2024	772.19	Yes
28/08/2024	789.49	Yes
29/08/2024	656.40	Yes
30/08/2024	873.54	Yes
31/08/2024	718.76	Yes

Project Name: WestConnex - M4-M8 LINK
Licensee: WCX M4-M5 PT PTY LTD
Monitoring Period: 01/09/2024 - 30/09/2024
Website: www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE - M4-M5 LINK TUNNELS PROJECT, 16 ALBERT ST, ST PETERS NSW 2044

Sample Date	Discharge/Monitoring Point	Sampling Method
3/9/2024, 13/9/24, 26/9/24	Water Treatment Plant ARN-2	Grab Sample

	General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
	pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES/NO
	Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
3/9/2024	7.0 - 8.5	7.53	10	0.3	0.0007	<0.0001	0.006	0.005	0.3	<0.05	0.0044	<0.001	1.90	0.006	0.0001	<0.00004	0.07	0.003	0.015	0.009	0.5	<0.001	0.91	0.94	No (Ammonia)
13/09/2024		-		-		-		-		-		-		-		-		-		-		-		0.13	Yes
20/09/2024		7.39		0.2		<0.0001		0.003		<0.05		<0.001		0.003		<0.00004		0.002		<0.005		<0.001		1.2	No (Ammonia)
26/09/2024		-		0.2		<0.0001		0.003		<0.05		<0.001		0.003		<0.00004		0.002		<0.005		<0.001		1.44	No (Ammonia)

* 100th percentile concentration limit
Note: Daily discharge data was unavailable at time of publishing. This report will be reissued when data is made available.

WCX-LINK-ENV-EPL-21616 v3
Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4-M8 LINK
Licensee: WCX M4-M5 PT PTY LTD 01/10/2024 - 31/10/2024
Monitoring Period: Website: www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE - M4-M5 LINK TUNNELS PROJECT, 16 ALBERT ST, ST PETERS NSW 2044

Sample Dates	2/10/2024, 9/10/2024, 21/10/2024
Discharge/Monitoring Point	Water Treatment Plant ARN-2
Sampling Method	Grab Sample

	General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
	pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES/NO
	Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
2/10/2024	7.0 - 8.5	-	10	-	0.0007	-	0.006	-	0.3	-	0.0044	-	1.90	-	0.0001	-	0.07	-	0.015	-	0.5	-	0.91	0.11	Yes
9/10/2024		7.05		<0.1		<0.0001		0.004		<0.05		<0.001		0.003		<0.00004		0.002		<0.005		<0.001		0.18	Yes
21/10/2024		-		-		-		-		-		-		-		-		-		-		-		1.5	No (Ammonia)

* 100th percentile concentration limit

Volume and Mass Limits Condition L3.1 Maximum Daily Discharge: 2,400kL		
Date	**Daily Flow (kL)**	**Compliant**
1/10/2024	769	Yes
2/10/2024	622	Yes
3/10/2024	402	Yes
4/10/2024	1156	Yes
5/10/2024	749	Yes
6/10/2024	686	Yes
7/10/2024	785	Yes
8/10/2024	630	Yes
9/10/2024	833	Yes
10/10/2024	825	Yes
11/10/2024	728	Yes
12/10/2024	738	Yes
13/10/2024	729	Yes
14/10/2024	813	Yes
15/10/2024	1005	Yes
16/10/2024	844	Yes
17/10/2024	539	Yes
18/10/2024	816	Yes
19/10/2024	944	Yes
20/10/2024	751	Yes
21/10/2024	807	Yes
22/10/2024	672	Yes
23/10/2024	808	Yes
24/10/2024	651	Yes
25/10/2024	853	Yes
26/10/2024	681	Yes
27/10/2024	787	Yes
28/10/2024	829	Yes
29/10/2024	634	Yes
30/10/2024	662	Yes
31/10/2024	774	Yes

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4-M8 LINK
Licensee: WCX M4-M5 PT PTY LTD
Monitoring Period: November 2024
Website: www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE - M4-M5 LINK TUNNELS PROJECT, 16 ALBERT ST, ST PETERS NSW 2044

Sample Date	Discharge/Monitoring Point	Sampling Method
5/11/2024, 20/11/2024	Water Treatment Plant ARN-2	Grab Sample

General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES/NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	7.38	10	0.7	0.0007	<0.0001	0.006	0.001	0.3	<0.05	0.0044	<0.001	1.90	0.003	0.0001	<0.00004	0.07	0.002	0.015	0.0	0.5	<0.001	0.91	0.45	Yes
	-		-		-		-		-		-		-		-		-		-		-		0.09	Yes

* 100th percentile concentration limit

Discharge Flow Data Daily discharge limit: 2,400kL		
Date	Daily Flow (kL)	Compliant
01/11/2024	908.95	Yes
02/11/2024	697.32	Yes
03/11/2024	797.40	Yes
04/11/2024	863.28	Yes
05/11/2024	676.14	Yes
06/11/2024	801.04	Yes
07/11/2024	853.30	Yes
08/11/2024	638.67	Yes
09/11/2024	890.36	Yes
10/11/2024	906.88	Yes
11/11/2024	670.46	Yes
12/11/2024	808.18	Yes
13/11/2024	860.35	Yes
14/11/2024	775.05	Yes
15/11/2024	875.41	Yes
16/11/2024	682.79	Yes
17/11/2024	918.08	Yes
18/11/2024	542.67	Yes
19/11/2024	1008.80	Yes
20/11/2024	710.84	Yes
21/11/2024	693.91	Yes
22/11/2024	497.57	Yes
23/11/2024	1120.63	Yes
24/11/2024	666.18	Yes
25/11/2024	750.82	Yes
26/11/2024	906.18	Yes
27/11/2024	741.68	Yes
28/11/2024	679.86	Yes
29/11/2024	1113.32	Yes
30/11/2024	922.79	Yes

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4-M8 LINK
Licensee: WCX M4-M5 PT PTY LTD
Monitoring Period: December 2024
Website: www.westconnex.com.au/environment/environmental-documents
Environmental Protection Licence: 21616
Premise Address: ST PETERS INTERCHANGE - M4-M5 LINK TUNNELS PROJECT, 16 ALBERT ST, ST PETERS NSW 2044

Sample Date	Discharge/Monitoring Point	Sampling Method
4/12/24, 17/12/24	Water Treatment Plant ARN-2	Grab Sample

General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmium		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia		YES/NO
Limit	Results	Limit	Results	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	Limit*	Result	
7.0 - 8.5	7.21	10	0.7	0.0007	<0.0001	0.006	0.0050	0.3	<0.05	0.0044	<0.001	1.90	0.004	0.0001	<0.00004	0.07	0.002	0.015	0.008	0.5	<0.001	0.91	0.02	Yes
	-		-		-		-		-		-		-		-		-		-		-		0.03	Yes

* 100th percentile concentration limit

Discharge Flow Data
Daily discharge limit: 2,400kL

Date	Daily Flow (kL)	Compliant
1/12/2024	786.22	Yes
2/12/2024	567.74	Yes
3/12/2024	1037.55	Yes
4/12/2024	770.32	Yes
5/12/2024	644.84	Yes
6/12/2024	811.48	Yes
7/12/2024	1044.70	Yes
8/12/2024	684.50	Yes
9/12/2024	852.04	Yes
10/12/2024	633.26	Yes
11/12/2024	818.28	Yes
12/12/2024	673.42	Yes
13/12/2024	780.62	Yes
14/12/2024	481.50	Yes
15/12/2024	1100.27	Yes
16/12/2024	744.26	Yes
17/12/2024	663.15	Yes
18/12/2024	529.20	Yes
19/12/2024	947.88	Yes
20/12/2024	835.91	Yes
21/12/2024	439.04	Yes
22/12/2024	1040.36	Yes
23/12/2024	724.04	Yes
24/12/2024	736.30	Yes
25/12/2024	666.06	Yes
26/12/2024	807.49	Yes
27/12/2024	807.41	Yes
28/12/2024	550.91	Yes
29/12/2024	907.28	Yes
30/12/2024	663.09	Yes
31/12/2024	753.68	Yes