

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M4M8 LINK
Licensee: SAMSUNG C&T CORPORATION BOUYGUES CONSTRUCTION AUST PTY LTD ACCIONA INFRASTRUCTURE PROJECTS AUST PTY LTD
Monitoring Period: 1/02/2023 - 28/02/2023
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

Sample Date		Discharge/Monitoring Point																		Sampling Method			
7 February 2023		Ops Water Treatment Plant - EPA identification no.1																		Grab Sample			
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)	
pH		Turbidity (NTU)		Cadmimum		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia	
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	8.15	10	0.5	0.0007	0.0	0.0044	0.007	0.3	0.05	0.0044	0.001	1.9	0.001	0.0001	0.00004	0.07	0.006	0.015	0.005	0.5	0.001	0.91	0.05

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M4M8 LINK
Licensee: SAMSUNG C&T CORPORATION BOUYGUES CONSTRUCTION AUST PTY LTD ACCIONA INFRASTRUCTURE PROJECTS AUST PTY LTD
Monitoring Period: 1/03/2023 - 31/03/2023
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

Monitoring Type:																							
Sample Date				Discharge/Monitoring Point																		Sampling Method	
28 March 2023				Ops Water Treatment Plant - EPA identification no.1																		Grab Sample	
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)	
pH		Turbidity (NTU)		Cadmimum		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia	
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	7.14	10	0.5	0.0007	0.0	0.0044	0.003	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	0.06

Key
*100 percentile concentration limit

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M4M8 LINK
Licensee: SAMSUNG C&T CORPORATION BOUYGUES CONSTRUCTION AUST PTY LTD ACCIONA INFRASTRUCTURE PROJECTS AUST PTY LTD
Monitoring Period: 1/04/2023 - 30/04/2023
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

Monitoring Type:																							
Sample Date				Discharge/Monitoring Point																Sampling Method			
5 April 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample			
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)	
pH		Turbidity (NTU)		Cadmimum		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia	
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	7.28	10	0.6	0.0007	0.0001	0.0044	0.004	0.3	0.01	0.0044	0.001	1.9	0.005	0.0001	0.00005	0.07	0.001	0.015	0.001	0.5	0.001	0.91	0.042

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: 1/05/2023 - 31/05/2023
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

Monitoring Type:

Sample Date				Discharge/Monitoring Point																Sampling Method			
5 May 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample			
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients	
pH		Turbidity (NTU)		Cadmimum		Chromium (VI)		Iron		Lead		Manganese		Mercury		Nickel		Zinc		Benzene		Ammonia	
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	7.12	10	0.7	0.0007	0.0001	0.0044	0.002	0.3	0.01	0.0044	0.001	1.9	0.006	0.0001	0.00005	0.07	0.003	0.015	0.006	0.5	0.001	0.91	0.013

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: 1/06/2023 - 31/06/2023
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				
6 June 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample				
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmimum		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	7.79	10	0	0.0007	<0.0001	0.0044	0.004	0.3	<0.01	0.0044	<0.001	1.9	<0.005	0.0001	<0.00005	0.07	<0.002	0.015	<0.002	0.5	<0.001	0.91	0.033	YES

Key
*100 percentile concentration limit

Volume and Mass Limits Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Jun-23	751	YES
02-Jun-23	1058	YES
03-Jun-23	854	YES
04-Jun-23	901	YES
05-Jun-23	663	YES
06-Jun-23	989	YES
07-Jun-23	980	YES
08-Jun-23	912	YES
09-Jun-23	847	YES
10-Jun-23	787	YES
11-Jun-23	893	YES
12-Jun-23	921	YES
13-Jun-23	847	YES
14-Jun-23	892	YES
15-Jun-23	774	YES
16-Jun-23	1016	YES
17-Jun-23	746	YES
18-Jun-23	977	YES
19-Jun-23	668	YES
20-Jun-23	1002	YES
21-Jun-23	819	YES
22-Jun-23	723	YES
23-Jun-23	1031	YES
24-Jun-23	780	YES
25-Jun-23	787	YES
26-Jun-23	1018	YES
27-Jun-23	866	YES
28-Jun-23	839	YES
29-Jun-23	838	YES
30-Jun-23	820	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/07/2023 - 31/07/2023
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				
18 July 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample				
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmimum		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	2.7	0.0007	<0.0001	0.0060	0.008	0.3	<0.01	0.0044	<0.001	1.9	<0.005	0.0001	<0.00005	0.07	<0.002	0.015	0.007	0.5	<0.001	0.91	0.059	NO - Cr (IV)

Key
*100 percentile concentration limit

Volume and Mass Limits Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Jul-23	829	YES
02-Jul-23	935	YES
03-Jul-23	831	YES
04-Jul-23	828	YES
05-Jul-23	903	YES
06-Jul-23	845	YES
07-Jul-23	883	YES
08-Jul-23	839	YES
09-Jul-23	819	YES
10-Jul-23	894	YES
11-Jul-23	796	YES
12-Jul-23	851	YES
13-Jul-23	830	YES
14-Jul-23	848	YES
15-Jul-23	776	YES
16-Jul-23	594	YES
17-Jul-23	1079	YES
18-Jul-23	500	YES
19-Jul-23	960	YES
20-Jul-23	1124	YES
21-Jul-23	828	YES
22-Jul-23	804	YES
23-Jul-23	868	YES
24-Jul-23	1022	YES
25-Jul-23	849	YES
26-Jul-23	863	YES
27-Jul-23	836	YES
28-Jul-23	830	YES
29-Jul-23	849	YES
30-Jul-23	848	YES

Environmental Protection Licence Monitoring Data



Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/08/2023 - 31/08/2023
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 August 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample				
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmimum		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	7.26	10	0.1	0.0007	<0.0001	0.0060	0.006	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	0.05	YES

Key
 *100 percentile concentration limit

Volume and Mass Limits		
Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Aug-23	1121	YES
02-Aug-23	510	YES
03-Aug-23	646	YES
04-Aug-23	1150	YES
05-Aug-23	674	YES
06-Aug-23	1088	YES
07-Aug-23	807	YES
08-Aug-23	745	YES
09-Aug-23	1090	YES
10-Aug-23	923	YES
11-Aug-23	828	YES
12-Aug-23	828	YES
13-Aug-23	848	YES
14-Aug-23	962	YES
15-Aug-23	856	YES
16-Aug-23	591	YES
17-Aug-23	1089	YES
18-Aug-23	567	YES
19-Aug-23	604	YES
20-Aug-23	1385	YES
21-Aug-23	785	YES
22-Aug-23	821	YES
23-Aug-23	814	YES
24-Aug-23	837	YES
25-Aug-23	806	YES
26-Aug-23	801	YES
27-Aug-23	841	YES
28-Aug-23	804	YES
29-Aug-23	816	YES
30-Aug-23	911	YES
31-Aug-23	806	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensor: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/09/2023 - 30/09/2023
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

Concentration Limits and Monitoring Requirements

Sample Date				Discharge/Monitoring Point																Sampling Method				
20 September 2023				Ops Water Treatment Plant - EPA identification no.1																Grab Sample				
General				Metals (mg/L)																Hydrocarbon (mg/L)		Nutrients (mg/L)		Compliant
pH		Turbidity (NTU)		Cadmimum		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	7.33	10	0.4	0.0007	<0.0001	0.0060	0.005	0.3	0.01	0.0044	<0.001	1.9	0.005	0.0001	<0.00005	0.07	<0.002	0.015	<0.002	0.5	<0.001	0.91	0.17	YES

Key
 *100 percentile concentration limit

Volume and Mass Limits		
Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Sep-23	807	YES
02-Sep-23	808	YES
03-Sep-23	362	YES
04-Sep-23	494	YES
05-Sep-23	1488	YES
06-Sep-23	883	YES
07-Sep-23	832	YES
08-Sep-23	854	YES
09-Sep-23	773	YES
10-Sep-23	819	YES
11-Sep-23	748	YES
12-Sep-23	593	YES
13-Sep-23	743	YES
14-Sep-23	1041	YES
15-Sep-23	814	YES
16-Sep-23	798	YES
17-Sep-23	812	YES
18-Sep-23	866	YES
19-Sep-23	790	YES
20-Sep-23	470	YES
21-Sep-23	1148	YES
22-Sep-23	886	YES
23-Sep-23	781	YES
24-Sep-23	777	YES
25-Sep-23	800	YES
26-Sep-23	785	YES
27-Sep-23	837	YES
28-Sep-23	871	YES
29-Sep-23	756	YES
30-Sep-23	838	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/10/2023 - 31/10/2023
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				
26 October 2023				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	7.46	10	0.5	0.0007	<0.0001	0.006	0.005	0.3	0.01	0.0044	<0.001	1.9	0.005	0.0001	<0.00005	0.07	0.002	0.015	0.003	0.5	<0.001	0.91	0.47	YES

Key
 *100 percentile concentration limit

Volume and Mass Limits		
Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Oct-23	784	YES
02-Oct-23	812	YES
03-Oct-23	781	YES
04-Oct-23	849	YES
05-Oct-23	703	YES
06-Oct-23	873	YES
07-Oct-23	769	YES
08-Oct-23	758	YES
09-Oct-23	926	YES
10-Oct-23	772	YES
11-Oct-23	815	YES
12-Oct-23	783	YES
13-Oct-23	790	YES
14-Oct-23	743	YES
15-Oct-23	759	YES
16-Oct-23	831	YES
17-Oct-23	799	YES
18-Oct-23	692	YES
19-Oct-23	850	YES
20-Oct-23	801	YES
21-Oct-23	831	YES
22-Oct-23	799	YES
23-Oct-23	726	YES
24-Oct-23	752	YES
25-Oct-23	891	YES
26-Oct-23	741	YES
27-Oct-23	844	YES
28-Oct-23	789	YES
29-Oct-23	761	YES
30-Oct-23	685	YES
31-Oct-23	946	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensor: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/11/2023 - 30/11/2023
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

Concentration limits and monitoring requirements

Sample Date				Discharge/Monitoring Point																Sampling Method				
28 November 2023				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	7.34	10	0.2	0.0007	0.0001	0.0060	0.002	0.3	<0.01	0.0044	<0.001	1.9	0.023	0.0001	<0.00005	0.07	0.002	0.015	0.013	0.5	<0.001	0.91	0.12	YES

Key
 *100 percentile concentration limit

Volume and Mass Limits		
Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Nov-23	812	YES
02-Nov-23	724	YES
03-Nov-23	545	YES
04-Nov-23	1062	YES
05-Nov-23	1118	YES
06-Nov-23	1155	YES
07-Nov-23	683	YES
08-Nov-23	949	YES
09-Nov-23	859	YES
10-Nov-23	752	YES
11-Nov-23	813	YES
12-Nov-23	838	YES
13-Nov-23	798	YES
14-Nov-23	1051	YES
15-Nov-23	810	YES
16-Nov-23	475	YES
17-Nov-23	858	YES
18-Nov-23	1057	YES
19-Nov-23	879	YES
20-Nov-23	697	YES
21-Nov-23	845	YES
22-Nov-23	707	YES
23-Nov-23	1008	YES
24-Nov-23	906	YES
25-Nov-23	829	YES
26-Nov-23	862	YES
27-Nov-23	765	YES
28-Nov-23	819	YES
29-Nov-23	906	YES
30-Nov-23	842	YES

Environmental Protection Licence Monitoring Data

Project Name: WestConnex - M4M8 LINK
Licensee: WCX M4-M5 Link PT PTY LIMITED
Monitoring Period: 1/12/2023 - 31/12/2023
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 December 2023				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	7.30	10	2.2	0.0007	0.0001	0.0060	0.003	0.3	<0.01	0.0044	<0.001	1.9	0.005	0.0001	<0.00005	0.07	0.003	0.015	0.013	0.5	<0.001	0.91	0.78	YES

Key
 *100 percentile concentration limit

Volume and Mass Limits		
Condition L3.1 Maximum Discharge		
Date	Daily Flow (kL)	Compliant (Y/N)
01-Dec-23	747	YES
02-Dec-23	876	YES
03-Dec-23	697	YES
04-Dec-23	829	YES
05-Dec-23	767	YES
06-Dec-23	842	YES
07-Dec-23	729	YES
08-Dec-23	795	YES
09-Dec-23	856	YES
10-Dec-23	757	YES
11-Dec-23	568	YES
12-Dec-23	995	YES
13-Dec-23	775	YES
14-Dec-23	794	YES
15-Dec-23	809	YES
16-Dec-23	813	YES
17-Dec-23	775	YES
18-Dec-23	785	YES
19-Dec-23	843	YES
20-Dec-23	947	YES
21-Dec-23	778	YES
22-Dec-23	739	YES
23-Dec-23	826	YES
24-Dec-23	1102	YES
25-Dec-23	949	YES
26-Dec-23	834	YES
27-Dec-23	777	YES
28-Dec-23	855	YES
29-Dec-23	793	YES
30-Dec-23	859	YES