

Environment Protection Licence Monitoring Data



Project Name: WestConnex - M4 East
Environmental Protection Licence Number: 20734
Link to Public register on EPA Website: WestConnex - Explore the Route - Stage 1 M4 (Parramatta to Haberfield) - M4 East Resources
Premise Address: WestConnex M4 East, Homebush Bay Drive to Parramatta Road, Burwood NSW 2134
Monitoring Data for the Period: 01 April 2017 to 30 April 2017

Monitoring Type: Water Discharge Monitoring

Discharge/Monitoring Point	Date Sampled	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
		Licence Limit *	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
DP101	1-Apr	90	0.1	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP091	1-Apr	90	16.5	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP10	1-Apr	90	8.8	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP31	1-Apr	90	78.4	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP081	3-Apr	90	0.0	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP092	3-Apr	90	44.1	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP080	3-Apr	90	54.9	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP080	3-Apr	90	46.3	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP031	3-Apr	90	48.4	50	NTU*	6.5 - 8.5	7.92	None Visible	nil	Per discharge	Compliant
DP10	3-Apr	90	23.0	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP080	4-Apr	90	51.4	50	NTU*	6.5 - 8.5	7.90	None Visible	nil	Per discharge	Compliant
DP081	4-Apr	90	55.9	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP092	4-Apr	90	12.6	50	37	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP031	4-Apr	90	20.7	50	NTU*	6.5 - 8.5	8.05	None Visible	nil	Per discharge	Compliant
DP031	4-Apr	90	38.9	50	NTU*	6.5 - 8.5	7.57	None Visible	nil	Per discharge	Compliant
DP032	4-Apr	90	13.9	50	NTU*	6.5 - 8.5	8.18	None Visible	nil	Per discharge	Compliant
DP032	4-Apr	90	70.4	50	NTU*	6.5 - 8.5	7.47	None Visible	nil	Per discharge	Compliant
DP51	4-Apr	90	2.1	50	NTU*	6.5 - 8.5	7.14	None Visible	nil	Per discharge	Compliant
DP61	4-Apr	90	0.4	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP10	4-Apr	90	40.5	50	NTU*	6.5 - 8.5	7.08	None Visible	nil	Per discharge	Compliant
DP092	5-Apr	90	2.6	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP080	5-Apr	90	26.1	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP081	5-Apr	90	2.0	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP101	5-Apr	90	7.4	50	NTU*	6.5 - 8.5	7.19	None Visible	nil	Per discharge	Compliant
DP096	5-Apr	90	28.1	50	NTU*	6.5 - 8.5	7.00	None Visible	nil	Per discharge	Compliant
DP031	5-Apr	90	26.7	50	NTU*	6.5 - 8.5	7.71	None Visible	nil	Per discharge	Compliant
DP031	5-Apr	90	60.3	50	NTU*	6.5 - 8.5	7.91	None Visible	nil	Per discharge	Compliant
DP50	5-Apr	90	38.5	50	NTU*	6.5 - 8.5	6.97	None Visible	nil	Per discharge	Compliant
DP10	5-Apr	90	37.4	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP101	6-Apr	90	1.8	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP101	6-Apr	90	3.8	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP096	6-Apr	90	5.6	50	NTU*	6.5 - 8.5	7.00	None Visible	nil	Per discharge	Compliant
DP080	6-Apr	90	19.4	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP090	6-Apr	90	18.2	50	35	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP091	6-Apr	90	15.2	50	NTU*	6.5 - 8.5	8.30	None Visible	nil	Per discharge	Compliant
DP032	6-Apr	90	8.7	50	NTU*	6.5 - 8.5	7.02	None Visible	nil	Per discharge	Compliant

DP032	6-Apr	90	5.9	50	NTU*	6.5 - 8.5	6.83	None Visible	nil	Per discharge	Compliant
DP030	6-Apr	90	10.7	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP50	6-Apr	90	12.9	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP10	6-Apr	90	19.2	50	5	6.5 - 8.5	8.05	None Visible	nil	Per discharge	Compliant
DP080	7-Apr	90	14.1	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP091	7-Apr	90	50.1	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP096	7-Apr	90	18.0	50	NTU*	6.5 - 8.5	8.50	None Visible	nil	Per discharge	Compliant
DP070	7-Apr	90	12.5	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP40	7-Apr	90	52.7	50	NTU*	6.5 - 8.5	6.50	None Visible	nil	Per discharge	Compliant
DP50	7-Apr	90	75.9	50	NTU*	6.5 - 8.5	7.54	None Visible	nil	Per discharge	Compliant
DP10	7-Apr	90	11.0	50	NTU*	6.5 - 8.5	7.89	None Visible	nil	Per discharge	Compliant
DP11	7-Apr	90	60.1	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP090	8-Apr	90	43.2	50	NTU*	6.5 - 8.5	8.20	None Visible	nil	Per discharge	Compliant
DP092	8-Apr	90	22.4	50	NTU*	6.5 - 8.5	8.20	None Visible	nil	Per discharge	Compliant
DP096	8-Apr	90	29.7	50	NTU*	6.5 - 8.5	7.90	None Visible	nil	Per discharge	Compliant
DP090	8-Apr	90	75.6	50	NTU*	6.5 - 8.5	8.20	None Visible	nil	Per discharge	Compliant
DP10	8-Apr	90	14.2	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP090	10-Apr	90	16.6	50	<5	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP080	10-Apr	90	39.8	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP092	10-Apr	90	5.2	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP50	10-Apr	90	45.0	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP40	10-Apr	90	47.0	50	NTU*	6.5 - 8.5	7.00	None Visible	nil	Per discharge	Compliant
DP12	10-Apr	90	80.4	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP080	11-Apr	90	11.0	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP096	11-Apr	90	4.5	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP097	11-Apr	90	24.8	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP51	11-Apr	90	3.0	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP032	11-Apr	90	52.6	50	NTU*	6.5 - 8.5	7.67	None Visible	nil	Per discharge	Compliant
DP032	11-Apr	90	16.1	50	NTU*	6.5 - 8.5	6.84	None Visible	nil	Per discharge	Compliant
DP50	11-Apr	90	12.8	50	<5	6.5 - 8.5	6.82	None Visible	nil	Per discharge	Compliant
DP61	11-Apr	90	0.7	50	NTU*	6.5 - 8.5	6.92	None Visible	nil	Per discharge	Compliant
DP11	11-Apr	90	45.7	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP12	11-Apr	90	6.6	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP10	11-Apr	90	16.9	50	NTU*	6.5 - 8.5	8.05	None Visible	nil	Per discharge	Compliant
DP097	12-Apr	90	11.7	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP41	12-Apr	90	10.8	50	NTU*	6.5 - 8.5	7.00	None Visible	nil	Per discharge	Compliant
DP12	12-Apr	90	5.7	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP096	13-Apr	90	3.9	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP092	13-Apr	90	73.9	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP070	13-Apr	90	47.8	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP090	13-Apr	90	43.0	50	NTU*	6.5 - 8.5	8.42	None Visible	nil	Per discharge	Compliant
DP090	13-Apr	90	17.8	50	NTU*	6.5 - 8.5	7.85	None Visible	nil	Per discharge	Compliant
DP031	13-Apr	90	40.1	50	NTU*	6.5 - 8.5	6.96	None Visible	nil	Per discharge	Compliant
DP030	13-Apr	90	20.4	50	NTU*	6.5 - 8.5	7.28	None Visible	nil	Per discharge	Compliant
DP10	13-Apr	90	21.1	50	NTU*	6.5 - 8.5	8.08	None Visible	nil	Per discharge	Compliant
DP080	18-Apr	90	17.6	50	NTU*	6.5 - 8.5	8.37	None Visible	nil	Per discharge	Compliant
DP097	18-Apr	90	58.5	50	NTU*	6.5 - 8.5	6.89	None Visible	nil	Per discharge	Compliant
DP097	19-Apr	90	54.6	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP097	19-Apr	90	75.1	50	NTU*	6.5 - 8.5	7.83	None Visible	nil	Per discharge	Compliant
DP41	19-Apr	90	4.2	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant

DP51	19-Apr	90	2.5	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP61	19-Apr	90	0.6	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP097	20-Apr	90	15.1	50	NTU*	6.5 - 8.5	7.04	None Visible	nil	Per discharge	Compliant
DP32	20-Apr	90	2.5	50	NTU*	6.5 - 8.5	6.90	None Visible	nil	Per discharge	Compliant
DP097	21-Apr	90	1.6	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP096	21-Apr	90	48.1	50	NTU*	6.5 - 8.5	6.85	None Visible	nil	Per discharge	Compliant
DP097	21-Apr	90	57.4	50	NTU*	6.5 - 8.5	7.47	None Visible	nil	Per discharge	Compliant
DP101	21-Apr	90	1.9	50	NTU*	6.5 - 8.5	8.03	None Visible	nil	Per discharge	Compliant
DP51	26-Apr	90	0.6	50	NTU*	6.5 - 8.5	7.13	None Visible	nil	Per discharge	Compliant
DP061	26-Apr	90	0.5	50	NTU*	6.5 - 8.5	7.79	None Visible	nil	Per discharge	Compliant
DP032	27-Apr	90	7.8	50	NTU*	6.5 - 8.5	7.08	None Visible	nil	Per discharge	Compliant
DP030	27-Apr	90	40.8	50	NTU*	6.5 - 8.5	7.77	None Visible	nil	Per discharge	Compliant
DP10	27-Apr	90	17.1	50	NTU*	6.5 - 8.5	8.30	None Visible	nil	Per discharge	Compliant

Key

* A correlation between TSS and Turbidity has been established for the project. Adopting a 25% safety factor, a NTU result of 90 has been adopted to ensure samples have a TSS <50mg/L