

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 February 2017 to 28 February 2017

Discharge/Monitoring Point	Date Sampled	Water Discharge Monitoring									
		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		
DP050	3-Feb	90	15.4	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP010	3-Feb	90	28.9	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP070	3-Feb	90	1.5	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP061	7-Feb	90	1.2	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP051	7-Feb	90	2.8	50	NTU*	6.5 - 8.5	6.70	None Visible	nil	Per discharge	Compliant
DP080	8-Feb	90	25.8	50	NTU*	6.5 - 8.5	6.83	None Visible	nil	Per discharge	Compliant
DP101	8-Feb	90	48	50	NTU*	6.5 - 8.5	7.38	None Visible	nil	Per discharge	Compliant
DP080	8-Feb	90	15.6	50	NTU*	6.5 - 8.5	7.44	None Visible	nil	Per discharge	Compliant
DP080	8-Feb	90	31.7	50	NTU*	6.5 - 8.5	7.48	None Visible	nil	Per discharge	Compliant
DP020	8-Feb	90	38.4	50	NTU*	6.5 - 8.5	8.03	None Visible	nil	Per discharge	Compliant
DP010	8-Feb	90	43.4	50	NTU*	6.5 - 8.5	8.20	None Visible	nil	Per discharge	Compliant
DP020	9-Feb	90	22.8	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP010	9-Feb	90	13	50	5	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP032	9-Feb	90	10.5	50	NTU*	6.5 - 8.5	7.18	None Visible	nil	Per discharge	Compliant
DP081	9-Feb	90	74	50	NTU*	6.5 - 8.5	7.18	None Visible	nil	Per discharge	Compliant
DP100	9-Feb	90	21.1	50	13	6.5 - 8.5	7.29	None Visible	nil	Per discharge	Compliant
DP101	9-Feb	90	45	50	NTU*	6.5 - 8.5	7.34	None Visible	nil	Per discharge	Compliant
DP070	9-Feb	90	2.5	50	NTU*	6.5 - 8.5	7.13	None Visible	nil	Per discharge	Compliant
DP050	10-Feb	90	36	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP032	10-Feb	90	7.43	50	NTU*	6.5 - 8.5	8.42	None Visible	nil	Per discharge	Compliant
DP032	10-Feb	90	10.94	50	NTU*	6.5 - 8.5	8.22	None Visible	nil	Per discharge	Compliant
DP030	10-Feb	90	16.25	50	NTU*	6.5 - 8.5	7.51	None Visible	nil	Per discharge	Compliant
DP081	10-Feb	90	69.4	50	NTU*	6.5 - 8.5	6.78	None Visible	nil	Per discharge	Compliant
DP101	10-Feb	90	68	50	NTU*	6.5 - 8.5	7.69	None Visible	nil	Per discharge	Compliant
DP080	10-Feb	90	2.9	50	NTU*	6.5 - 8.5	7.02	None Visible	nil	Per discharge	Compliant
DP010	10-Feb	90	32.82	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP100	11-Feb	90	46.6	50	NTU*	6.5 - 8.5	8.45	None Visible	nil	Per discharge	Compliant
DP100	11-Feb	90	39.8	50	NTU*	6.5 - 8.5	7.63	None Visible	nil	Per discharge	Compliant
DP080	11-Feb	90	20.1	50	NTU*	6.5 - 8.5	7.96	None Visible	nil	Per discharge	Compliant
DP101	11-Feb	90	72.5	50	NTU*	6.5 - 8.5	8.00	None Visible	nil	Per discharge	Compliant
DP101	13-Feb	90	25.6	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP091	13-Feb	90	45.6	50	NTU*	6.5 - 8.5	6.60	None Visible	nil	Per discharge	Compliant
DP093	13-Feb	90	17.6	50	NTU*	6.5 - 8.5	7.90	None Visible	nil	Per discharge	Compliant
DP081	13-Feb	90	45.6	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP080	13-Feb	90	4	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP061	14-Feb	90	0.9	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP051	14-Feb	90	1.59	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP101	14-Feb	90	11.9	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP091	14-Feb	90	71.9	50	NTU*	6.5 - 8.5	6.90	None Visible	nil	Per discharge	Compliant
DP080	14-Feb	90	23.4	50	NTU*	6.5 - 8.5	8.20	None Visible	nil	Per discharge	Compliant
DP090	14-Feb	90	17.6	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP032	14-Feb	90	7.56	50	7	6.5 - 8.5	7.74	None Visible	nil	Per discharge	Compliant
DP080	15-Feb	90	38.4	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP101	15-Feb	90	4.2	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP080	15-Feb	90	38.4	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP090	15-Feb	90	6.64	50	2.8	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP101	15-Feb	90	4.2	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP050	16-Feb	90	5.3	50	NTU*	6.5 - 8.5	6.70	None Visible	nil	Per discharge	Compliant
DP090	16-Feb	90	13.2	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP080	16-Feb	90	66.6	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP090	16-Feb	90	13.2	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP080	16-Feb	90	66.6	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP070	17-Feb	90	12.5	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP010	17-Feb	90	86	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP080	18-Feb	90	40	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP101	19-Feb	90	29	50	NTU*	6.5 - 8.5	7.63	None Visible	nil	Per discharge	Compliant
DP101	20-Feb	90	71.3	50	NTU*	6.5 - 8.5	6.53	None Visible	nil	Per discharge	Compliant
DP092	20-Feb	90	32	50	NTU*	6.5 - 8.5	8.30	None Visible	nil	Per discharge	Compliant
DP080	20-Feb	90	20.4	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP100	21-Feb	90	5.2	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP040	21-Feb	90	8.32	50	NTU*	6.5 - 8.5	7.35	None Visible	nil	Per discharge	Compliant
DP051	21-Feb	90	1.02	50	NTU*	6.5 - 8.5	6.68	None Visible	nil	Per discharge	Compliant
DP061	21-Feb	90	0.8	50	NTU*	6.5 - 8.5	6.93	None Visible	nil	Per discharge	Compliant
DP080	21-Feb	90	19.3	50	NTU*	6.5 - 8.5	7.00	None Visible	nil	Per discharge	Compliant
DP010	22-Feb	90	66	50	NTU*	6.5 - 8.5	8.40	None Visible	nil	Per discharge	Compliant
DP080	22-Feb	90	30.9	50	NTU*	6.5 - 8.5	7.50	None Visible	nil	Per discharge	Compliant
DP100	22-Feb	90	49.2	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP092	22-Feb	90	16	50	8	6.5 - 8.5	8.30	None Visible	nil	Per discharge	Compliant
DP092	23-Feb	90	0	50	NTU*	6.5 - 8.5	8.10	None Visible	nil	Per discharge	Compliant
DP092	23-Feb	90	41	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP100	24-Feb	90	9.7	50	NTU*	6.5 - 8.5	7.60	None Visible	nil	Per discharge	Compliant
DP070	24-Feb	90	2.9	50	NTU*	6.5 - 8.5	6.70	None Visible	nil	Per discharge	Compliant
DP092	25-Feb	90	72.1	50	NTU*	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP080	27-Feb	90	22.6	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP093	27-Feb	90	58.6	50	NTU*	6.5 - 8.5	7.70	None Visible	nil	Per discharge	Compliant
DP092	27-Feb	90	0	50	NTU*	6.5 - 8.5	7.80	None Visible	nil	Per discharge	Compliant
DP092	27-Feb	90	44.2	50	NTU*	6.5 - 8.5	7.90	None Visible	nil	Per discharge	Compliant
DP080	27-Feb	90	30	50	NTU*	6.5 - 8.5	7.10	None Visible	nil	Per discharge	Compliant
DP092	27-Feb	90	80	50	NTU*	6.5 - 8.5	6.90	None Visible	nil	Per discharge	Compliant
DP051	27-Feb	90	9.5	50	NTU*	6.5 - 8.5	6.90	None Visible	nil	Per discharge	Compliant
DP032	27-Feb	90	57.2	50	NTU*	6.5 - 8.5	6.91	None Visible	nil	Per discharge	Compliant
DP031	27-Feb	90	44.8	50	NTU*	6.5 - 8.5	6.78	None Visible	nil	Per discharge	Compliant
DP012	27-Feb	90	9.4	50	NTU*	6.5 - 8.5	6.60	None Visible	nil	Per discharge	Compliant
DP010	28-Feb	90	27	50	NTU*	6.5 - 8.5	6.60	None Visible	nil	Per discharge	Compliant
DP012	28-Feb	90	27	50	NTU*	6.5 - 8.5	6.83	None Visible	nil	Per discharge	Compliant
DP031	28-Feb	90	16.98	50	NTU*	6.5 - 8.5	7.49	None Visible	nil	Per discharge	Compliant
DP032	28-Feb	90	31.6	50	NTU*	6.5 - 8.5	7.36	None Visible	nil	Per discharge	Compliant
DP032	28-Feb	90	19.4	50	NTU*	6.5 - 8.5	6.85	None Visible	nil	Per discharge	Compliant
DP031	28-Feb	90	44.1	50	NTU*	6.5 - 8.5	7.19	None Visible	nil	Per discharge	Compliant
DP030	28-Feb	90	1.35	50	NTU*	6.5 - 8.5	7.07	None Visible	nil	Per discharge	Compliant
DP050	28-Feb	90	2.69	50	NTU*	6.5 - 8.5	6.74	None Visible	nil	Per discharge	Compliant
DP061	28-Feb	90	1.9	50	NTU*	6.5 - 8.5	7.40	None Visible	nil	Per discharge	Compliant
DP050	28-Feb	90	23	50	NTU*	6.5 - 8.5	6.50	None Visible	nil	Per discharge	Compliant
DP092	28-Feb	90	16	50	0.1	6.5 - 8.5	6.80	None Visible	nil	Per discharge	Compliant
DP080	28-Feb	90	67.2	50	NTU*	6.5 - 8.5	7.20	None Visible	nil	Per discharge	Compliant
DP080	28-Feb	90	55.5	50	NTU*	6.5 - 8.5	7.30	None Visible	nil	Per discharge	Compliant
DP101	28-Feb	90	46.9	50	NTU*	6.5 - 8.5	6.86	None Visible	nil	Per discharge	Compliant
DP093	28-Feb	90	0	50	NTU*	6.5 - 8.5	8.30	None Visible	nil	Per discharge	Compliant
DP092	28-Feb	90	50.5	50	NTU*	6.5 - 8.5	6.50	None Visible	nil	Per discharge	Compliant
DP101	28-Feb	90	44.2	50	NTU*	6.5 - 8.5	7.18	None Visible	nil	Per discharge	Compliant
DP080	28-Feb	90	28.9	50	NTU*	6.5 - 8.5	7.30	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