

WATER Monitoring Data - Monthly Summary

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Month	Mar-18							
EPL Licence	20960	Project	New Grafton Correctional Facility					
EPL weblink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=119193&SYSUID=1&LICID=20960							
Specific EPL licence monitoring conditions for water	Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged							
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
Waste Water Treatment Plant	1	Y	pH	pH	7.7	7.7	6.5	8.5
		Y	Total Suspended Solids	mg/L	45	45	NA	50
		Y	Turbidity	NTU	46	46	NA	67
Sediment Basin 1	1	Y	pH	pH	7.74	7.74	6.5	8.5
		Y	Total Suspended Solids	mg/L	38	38	NA	50
		Y	Turbidity	NTU	15.8	15.8	NA	67
Sediment Basin 2	1	Y	pH	pH	8.2	8.2	6.5	8.5
		Y	Total Suspended Solids	mg/L	43	43	NA	50
		Y	Turbidity	NTU	36.6	36.6	NA	67
Sediment Basin 3	1	Y	pH	pH	7.94	7.94	6.5	8.5
		Y	Total Suspended Solids	mg/L	37	37	NA	50
		Y	Turbidity	NTU	9	9	NA	67
Sediment Basin 4	1	Y	pH	pH	8.09	8.09	6.5	8.5
		Y	Total Suspended Solids	mg/L	39	39	NA	50
		Y	Turbidity	NTU	17.22	17.22	NA	67
Sediment Basin 5	1	Y	pH	pH	7.92	7.92	6.5	8.5
		Y	Total Suspended Solids	mg/L	36	36	NA	50
		Y	Turbidity	NTU	7.7	7.7	NA	67
Comments: NTU (turbidity) and pH continually monitored during discharge. TSS measurements extrapolated from approved TSS/NTU correlation spreadsheet.								

