

Monitoring Requirements:

Grab samples are required to be taken within the first 2 hours following each 5-day consecutive rainfall event and tested for pH, total suspended solids and turbidity.

Location of Monitoring Points:

Monitoring Point 1: Steel pipe and overflow channel discharge from sediment pond labelled "SFSW-1" on map titled "Figure 5.3 Environmental Monitoring" submitted to the EPA with Licence Information Form dated 11/11/99.

Summary of Results:**Monitoring Point 1:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples
pH	pH	5.5 - 8.5			
Total Suspended Solids	mg/L	50			
Turbidity	NTU	20			

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
<i>No discharge events during this period</i>					

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Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples
pH	pH	5.5 - 8.5	6.55	6.55	6.55
Total Suspended Solids	mg/L	50	15	15.00	15.00
Turbidity	NTU	20	35	35.43	35.43

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
23/05/2025	pH	pH	5.5 - 8.5	6.55	N
	TSS	mg/L	50	15	N
	Turbidity	NTU	20	35.43	Y*

*limits do not apply when the discharge occurs solely as a result of rainfall exceeding 49mm over any 5 day period
102.5mm rain received in Mittagong the five days prior to 23rd May 2025

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pH	pH	5.5 - 8.5	6.50	6.50	6.50
Total Suspended Solids	mg/L	50	100	100	100
Turbidity	NTU	20	170	170	170

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
11/07/2025	pH	pH	5.5 - 8.5	6.5	N
	TSS	mg/L	50	100	Y*
	Turbidity	NTU	20	170	Y*

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pH	pH	5.5 - 8.5	6.50	6.50	6.50
Total Suspended Solids	mg/L	50	13	13	13
Turbidity	NTU	20	10	10	10

Individual Results:*Monitoring Point 1:*

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
11/09/2025	pH	pH	5.5 - 8.5	6.5	N
	TSS	mg/L	50	13	N
	Turbidity	NTU	20	10	N

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NOTE: Concentration limits do not apply when the discharge occurs solely as a result of rainfall exceeding a total of 49mm over any consecutive 5 day period

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Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples
pH	pH	5.5 - 8.5	0.00	0.00	#DIV/0!
Total Suspended Solids	mg/L	50	0	0	#DIV/0!
Turbidity	NTU	20	0	0	#DIV/0!

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