

# Mittagong Sands Pty Ltd

Jan-24

Mittagong Quarry - Wombeyan Caves Road, Mittagong NSW 2575

EPA Licence No: 3132

## 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)
No discharge events during this period					

# Mittagong Sands Pty Ltd

Feb-24

Mittagong Quarry - Wombeyan Caves Road, Mittagong NSW 2575

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## 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)
No discharge events during this period					

**Mittagong Sands Pty Ltd**

Mar-24

**Mittagong Quarry - Wombeyan Caves Road, Mittagong NSW 2575****EPA Licence No: 3132****Monitoring Requirements:**

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

**Individual Results:**

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

Mittagong Sands Pty Ltd

Apr-24

Mittagong Quarry - Wombeyan Caves Road, Mittagong NSW 2575

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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	-	-	5.80
Total Suspended Solids	mg/L	50	-	-	84
Turbidity	NTU	20	-	-	140

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
8/04/2024	pH	pH	5.5 - 8.5	5.8	N
	TSS	mg/L	50	84*	N*
	Turbidity	NTU	20	140*	N*

\*limits do not apply when the discharge occurs solely as a result of rainfall exceeding 49mm over any 5 day period  
202mm rain received in Mittagong the five days prior to 8 April 2024

Monitoring Requirements:

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Location of Monitoring Points:

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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	-	-	5.80
Total Suspended Solids	mg/L	50	-	-	20
Turbidity	NTU	20	-	-	45

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
13/05/2024	pH	pH	5.5 - 8.5	5.8	N
	TSS	mg/L	50	20	N
	Turbidity	NTU	20	45	N*

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55mm rain received in Mittagong the five days prior to 8 April 2024

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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)
No discharge events during this period					

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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	0.00	0.00	#DIV/0!
Total Suspended Solids	mg/L	50	0	0	#DIV/0!
Turbidity	NTU	20	0	0	#DIV/0!

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
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pH	pH	5.5 - 8.5	-	-	-
Total Suspended Solids	mg/L	50	-	-	-
Turbidity	NTU	20	-	-	-

Individual Results:

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Total Suspended Solids	mg/L	50	-	-	-
Turbidity	NTU	20	-	-	-

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Monitoring Point 1:

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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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pH	pH	5.5 - 8.5	#REF!	#REF!	#REF!
Total Suspended Solids	mg/L	50	#REF!	#REF!	#REF!
Turbidity	NTU	20	#REF!	#REF!	#REF!

Individual Results:

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pH	pH	5.5 - 8.5	0.00	0.00	#DIV/0!
Total Suspended Solids	mg/L	50	0.00	0.00	#DIV/0!
Turbidity	NTU	20	0.00	0.00	#DIV/0!

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