

Mittagong Sands Pty Ltd

Jan-22

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	5.9	5.9	5.9
Total Suspended Solids	mg/L	50	5.0	5.0	5.0
Turbidity	NTU	20	7.3	7.3	7.3

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
22/01/2022	pH	pH	5.5 - 8.5	5.9	N
	TSS	mg/L	50	<10	N
	Turbidity	NTU	20	7.3	N

Mittagong Sands Pty Ltd

Feb-22

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)
<i>No discharge events during this period</i>					

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	5.75	6.56	6.16
Total Suspended Solids	mg/L	50	5	14	10
Turbidity	NTU	20	2	23	12

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
3/03/2022	pH	pH	5.5 - 8.5	5.8	N
	TSS	mg/L	50	14.0	N
	Turbidity	NTU	20	22.5	N*
11/03/2022	pH	pH	5.5 - 8.5	6.6	N
	TSS	mg/L	50	5.0	N
	Turbidity	NTU	20	1.6	N

*minimal exceedance due to 2022 March floods

**Update – Information from the EPA in response to 2022 floods**

Following our email on Friday, the severe weather and flooding continues across much of New South Wales. There are now 45 local government areas subject to natural disaster declarations, and more may be added.

The EPA has made the decision to extend the period in which we are waiving the need for licensees to report pollution events which have occurred as a direct result of this flooding until **14 March 2022**. If you would like to discuss your operations and clean up or any ongoing issues please get in touch with us through Environment Line on 131 555 in the next week.

Sincerely

Steve Beaman PSM
Environmental Service Functional Coordinator
Executive Director Regulatory Operations
NSW Environment Protection Authority

Mittagong Sands Pty Ltd

Apr-22

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)
<i>No discharge events during this period</i>					

Mittagong Sands Pty Ltd

May-22

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)
<i>No discharge events during this period</i>					

Mittagong Sands Pty Ltd

Jun-22

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)
<i>No discharge events during this period</i>					

Mittagong Sands Pty Ltd

Jul-22

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	6.30	6.30	6.30
Total Suspended Solids	mg/L	50	6	6	6
Turbidity	NTU	20	15	15	15

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
5/07/2022	pH	pH	5.5 - 8.5	6.3	N
	TSS	mg/L	50	6.0	N
	Turbidity	NTU	20	15.0	N

Mittagong Sands Pty Ltd

Aug-22

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)
<i>No discharge events during this period</i>					

Mittagong Sands Pty Ltd

Sep-22

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)
<i>No discharge events during this period</i>					

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.

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

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	5.68	6.45	6.07
Total Suspended Solids	mg/L	50	11	110	61
Turbidity	NTU	20	17	149	83

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
6/10/2022	pH	pH	5.5 - 8.5	6.5	N
	TSS	mg/L	50	11.0	N
	Turbidity	NTU	20	17.2	N
10/10/2022	pH	pH	5.5 - 8.5	5.7	N
	TSS	mg/L	50	110.0	N*
	Turbidity	NTU	20	149.4	N*

*limits do not apply when the discharge occurs solely as a result of rainfall exceeding 49mm over any 5 day period

Mittagong Sands Pty Ltd

Nov-22

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	6.09	6.09	6.09
Total Suspended Solids	mg/L	50	20.00	20.00	20.00
Turbidity	NTU	20	8.10	8.10	8.10

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
14/11/2022	pH	pH	5.5 - 8.5	6.1	N
	TSS	mg/L	50	20.0	N
	Turbidity	NTU	20	8.1	N

Mittagong Sands Pty Ltd

Dec-22

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)
<i>No discharge events during this period</i>					