

Monitoring Requirements:

Grab samples are required to be taken daily during any discharge and tested for pH, total suspended solids and turbidity.

Location of Monitoring Points:

Monitoring Point 1:

Below Basin 3 as identified in map attached to the "Sandy Point Quarry Sediment Controls and Protocols Update December 2013."

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	6 - 8.5	-	-	-
Total Suspended Solids	mg/L	50	-	-	-
Turbidity	NTU	50	-	-	-

Individual Results:

Monitoring Point 1:

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

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pH	pH	6 - 8.5	-	-	-
Total Suspended Solids	mg/L	50	-	-	-
Turbidity	NTU	50	-	-	-

Individual Results:

Monitoring Point 1:

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

Benedict Industries Pty Ltd

Mar-21

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171**EPA Licence No: 1924****Monitoring Requirements:**

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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	6 - 8.5	3.97	5.70	4.58
Total Suspended Solids	mg/L	50	9	39	20
Turbidity	NTU	50	6	31	18

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
19/03/2021	pH	pH	6 - 8.5	4.0	Y*
	TSS	mg/L	50	39.0	N
	Turbidity	NTU	50	31.1	N
20/03/2021	pH	pH	6 - 8.5	4.0	Y*
	TSS	mg/L	50	32.0	N
	Turbidity	NTU	50	15.2	N
21/03/2021	pH	pH	6 - 8.5	4.5	Y*
	TSS	mg/L	50	19.0	N
	Turbidity	NTU	50	27.2	N
22/03/2021	pH	pH	6 - 8.5	4.5	Y*
	TSS	mg/L	50	15.0	N
	Turbidity	NTU	50	20.6	N
23/03/2021	pH	pH	6 - 8.5	5.7	Y*
	TSS	mg/L	50	19.0	N
	Turbidity	NTU	50	21.0	N
24/03/2021	pH	pH	6 - 8.5	4.8	Y*
	TSS	mg/L	50	8.5	N
	Turbidity	NTU	50	7.6	N
25/03/2021	pH	pH	6 - 8.5	4.6	Y*
	TSS	mg/L	50	9.0	N
	Turbidity	NTU	50	6.0	N

*limits do not apply when rainfall is more than 70.2mm over 5 days

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Turbidity	NTU	50	-	-	-

Individual Results:

Monitoring Point 1:

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

Benedict Industries Pty Ltd

May-21

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171**EPA Licence No: 1924****Monitoring Requirements:**

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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	6 - 8.5	4.05	4.30	4.16
Total Suspended Solids	mg/L	50	1	16	10
Turbidity	NTU	50	2	28	16

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
7/05/2021	pH	pH	5 - 8.5	4.3	N*
	TSS	mg/L	50	1.0	N
	Turbidity	NTU	50	8.2	N
8/05/2021	pH	pH	6 - 8.5	4.2	N*
	TSS	mg/L	50	16.0	N
	Turbidity	NTU	50	27.7	N
9/05/2021	pH	pH	6 - 8.5	4.1	N*
	TSS	mg/L	50	12.0	N
	Turbidity	NTU	50	24.1	N
10/05/2021	pH	pH	6 - 8.5	4.1	N*
	TSS	mg/L	50	<10	N
	Turbidity	NTU	50	2.2	N
18/05/2021	pH	pH	6 - 8.5	4.1	N**
	TSS	mg/L	50	5.0	N
	Turbidity	NTU	50	2.4	N

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**EPA site inspection

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

Benedict Industries Pty Ltd

Aug-21

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171**EPA Licence No: 1924****Monitoring Requirements:**

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Turbidity	NTU	50	-	-	-

Individual Results:**Monitoring Point 1:**

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
25/08/2021	pH	pH	6 - 8.5	4.1	Y*
	TSS	mg/L	50	<10	N
	Turbidity	NTU	50	4.4	N

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