

Benedict Industries Pty Ltd

Jan-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Feb-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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	4.50	6.70	5.13
Total Suspended Solids	mg/L	50	3	170	47
Turbidity	NTU	50	6	120	39

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
10/02/2020	pH	pH	6 - 8.5	6.7	N
	TSS	mg/L	50	170.0	N*
	Turbidity	NTU	50	120.0	N*
11/02/2020	pH	pH	6 - 8.5	4.5	N*
	TSS	mg/L	50	10.0	N
	Turbidity	NTU	50	21.0	N
12/02/2020	pH	pH	6 - 8.5	4.8	N*
	TSS	mg/L	50	4.0	N
	Turbidity	NTU	50	10.0	N
13/02/2020	pH	pH	6 - 8.5	4.5	N*
	TSS	mg/L	50	3.0	N
	Turbidity	NTU	50	6.0	N

*limits do not apply when rainfall is more than 32.2mm over 5 days

Benedict Industries Pty Ltd

Mar-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Apr-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

May-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Jun-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Jul-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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	5.60	6.20	5.84
Total Suspended Solids	mg/L	50	8	18	13
Turbidity	NTU	50	22	39	30

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
27/07/2020	pH	pH	6 - 8.5	5.8	N*
	TSS	mg/L	50	16.0	N
	Turbidity	NTU	50	39.0	N
28/07/2020	pH	pH	6 - 8.5	6.0	N
	TSS	mg/L	50	13.0	N
	Turbidity	NTU	50	33.0	N
29/07/2020	pH	pH	6 - 8.5	6.2	N
	TSS	mg/L	50	8.0	N
	Turbidity	NTU	50	25.0	N
30/07/2020	pH	pH	6 - 8.5	5.6	N*
	TSS	mg/L	50	12.0	N
	Turbidity	NTU	50	29.0	N
31/07/2020	pH	pH	6 - 8.5	5.6	N*
	TSS	mg/L	50	18.0	N
	Turbidity	NTU	50	22.0	N

*limits do not apply when rainfall is more than 32.2mm over 5 days

Benedict Industries Pty Ltd

Aug-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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	6.30	6.30	6.30
Total Suspended Solids	mg/L	50	17	19	18
Turbidity	NTU	50	25	31	28

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
10/08/2020	pH	pH	6 - 8.5	6.3	N
	TSS	mg/L	50	19.0	N
	Turbidity	NTU	50	31.0	N
11/08/2020	pH	pH	6 - 8.5	6.3	N
	TSS	mg/L	50	17.0	N
	Turbidity	NTU	50	25.0	N
12/08/2020	pH	pH	6 - 8.5	6.1	N
	TSS	mg/L	50	21.0	N
	Turbidity	NTU	50	45.0	N
13/08/2020	pH	pH	6 - 8.5	6.1	N
	TSS	mg/L	50	21.0	N
	Turbidity	NTU	50	45.0	N

Benedict Industries Pty Ltd

Sep-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Oct-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Nov-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

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

Benedict Industries Pty Ltd

Dec-20

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

Monitoring Requirements:

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