

Menangle Sand and Soil Quarry

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Jan-25

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.2	6.3	3.2
Combustible Matter	g/m ²	0.2	4.1	2.2

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/01/2025	Ash Content	g/m ²	3.2
	Combustible Matter	g/m ²	2.4
	TOTAL	g/m ²	5.6

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2025	Ash Content	g/m ²	6.3
	Combustible Matter	g/m ²	4.1
	TOTAL	g/m ²	10.4

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2025	Ash Content	g/m ²	0.2
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.4

Menangle Sand and Soil Quarry

Feb-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.1	0.6	0.4
Combustable Matter	g/m ²	0.1	0.6	0.4

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
28/02/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.6
	TOTAL	g/m ²	1.2

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
28/02/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.4
	TOTAL	g/m ²	1.0

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
28/02/2025	Ash Content	g/m ²	0.1
	Combustible Matter	g/m ²	0.1
	TOTAL	g/m ²	0.1

Menangle Sand and Soil Quarry

Mar-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.1	0.9	0.5
Combustable Matter	g/m ²	0.1	0.7	0.4

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/03/2025	Ash Content	g/m ²	0.9
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.6

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.5
	TOTAL	g/m ²	1.1

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2025	Ash Content	g/m ²	0.1
	Combustible Matter	g/m ²	0.1
	TOTAL	g/m ²	0.2

Menangle Sand and Soil Quarry

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Apr-25

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.4	2.7	1.7
Combustable Matter	g/m ²	0.3	1.9	1.1

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
30/04/2025	Ash Content	g/m ²	1.9
	Combustible Matter	g/m ²	1.1
	TOTAL	g/m ²	3.0

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2025	Ash Content	g/m ²	2.7
	Combustible Matter	g/m ²	1.9
	TOTAL	g/m ²	4.6

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2025	Ash Content	g/m ²	0.4
	Combustible Matter	g/m ²	0.3
	TOTAL	g/m ²	0.7

Menangle Sand and Soil Quarry

May-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.4	1.9	1.3
Combustable Matter	g/m ²	0.2	1.3	0.9

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/05/2025	Ash Content	g/m ²	1.9
	Combustible Matter	g/m ²	1.3
	TOTAL	g/m ²	3.2

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2025	Ash Content	g/m ²	1.7
	Combustible Matter	g/m ²	1.3
	TOTAL	g/m ²	3.0

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2025	Ash Content	g/m ²	0.4
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.6

Menangle Sand and Soil Quarry

Jun-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.1	0.6	0.3
Combustable Matter	g/m ²	0.2	0.7	0.4

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
30/06/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.3

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2025	Ash Content	g/m ²	0.3
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.5

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2025	Ash Content	g/m ²	0.1
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.3

Location of Monitoring Points:**DDG1:** to the east of the site entry compound**DDG2:** near groundwater monitoring location BH2**DDG3:** near groundwater monitoring location BH4**Summary of Results:**

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.1	0.6	0.3
Combustable Matter	g/m ²	0.2	0.7	0.4

Individual Results:**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/07/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.3

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2025	Ash Content	g/m ²	0.3
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.5

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2025	Ash Content	g/m ²	0.1
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.3

Menangle Sand and Soil Quarry

Aug-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.4	0.9	0.6
Combustable Matter	g/m ²	0.2	0.7	0.4

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/08/2025	Ash Content	g/m ²	0.5
	Combustable Matter	g/m ²	0.4
	TOTAL	g/m ²	0.9

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/08/2025	Ash Content	g/m ²	0.9
	Combustable Matter	g/m ²	0.7
	TOTAL	g/m ²	1.6

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/08/2025	Ash Content	g/m ²	0.4
	Combustable Matter	g/m ²	0.2
	TOTAL	g/m ²	0.6

Menangle Sand and Soil Quarry

Sep-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.2	2.6	1.4
Combustable Matter	g/m ²	0.2	1.6	1.0

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
30/09/2025	Ash Content	g/m ²	2.6
	Combustible Matter	g/m ²	1.6
	TOTAL	g/m ²	4.2

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/09/2025	Ash Content	g/m ²	1.5
	Combustible Matter	g/m ²	1.1
	TOTAL	g/m ²	2.6

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
30/09/2025	Ash Content	g/m ²	0.2
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	0.4

Menangle Sand and Soil Quarry

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Oct-25

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.5	2.4	1.3
Combustable Matter	g/m ²	0.4	1.5	0.9

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/10/2025	Ash Content	g/m ²	1.1
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.8

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2025	Ash Content	g/m ²	2.4
	Combustible Matter	g/m ²	1.5
	TOTAL	g/m ²	3.9

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2025	Ash Content	g/m ²	0.5
	Combustible Matter	g/m ²	0.4
	TOTAL	g/m ²	0.9

Menangle Sand and Soil Quarry

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Nov-25

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	1.0	7.5	3.7
Combustable Matter	g/m ²	0.7	5.4	2.7

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
30/11/2025	Ash Content	g/m ²	2.6
	Combustible Matter	g/m ²	2.0
	TOTAL	g/m ²	4.6

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2025	Ash Content	g/m ²	7.5
	Combustible Matter	g/m ²	5.4
	TOTAL	g/m ²	12.9

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2025	Ash Content	g/m ²	1.0
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.7

Menangle Sand and Soil Quarry

Dec-25

15 Menangle Rd, Menangle

DA Consent 85/2865, EPA Licence No: 3132

Location of Monitoring Points:

DDG1: to the east of the site entry compound

DDG2: near groundwater monitoring location BH2

DDG3: near groundwater monitoring location BH4

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.6	1.8	1.3
Combustable Matter	g/m ²	0.5	1.4	1.0

Individual Results:

DDG1:

Sample Date	Particulate	Unit of Measure	Test Result
31/12/2025	Ash Content	g/m ²	1.5
	Combustible Matter	g/m ²	1.1
	TOTAL	g/m ²	2.6

DDG2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2025	Ash Content	g/m ²	1.8
	Combustible Matter	g/m ²	1.4
	TOTAL	g/m ²	3.2

DDG3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2025	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.5
	TOTAL	g/m ²	1.1