

# Menangle Sand and Soil Quarry

Jan-24

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 <sup>2</sup>	0.4	3.8	1.6
Combustible Matter	g/m <sup>2</sup>	0.4	3.0	1.4

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m <sup>2</sup>	3.8
	Combustible Matter	g/m <sup>2</sup>	3.0
	TOTAL	g/m <sup>2</sup>	6.8

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m <sup>2</sup>	0.6
	Combustible Matter	g/m <sup>2</sup>	0.7
	TOTAL	g/m <sup>2</sup>	1.3

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m <sup>2</sup>	0.4
	Combustible Matter	g/m <sup>2</sup>	0.4
	TOTAL	g/m <sup>2</sup>	0.8

# Menangle Sand and Soil Quarry

Feb-24

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 <sup>2</sup>	0.2	2.6	1.1
Combustible Matter	g/m <sup>2</sup>	0.2	1.9	0.8

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m <sup>2</sup>	2.6
	Combustible Matter	g/m <sup>2</sup>	1.9
	TOTAL	g/m <sup>2</sup>	4.5

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m <sup>2</sup>	0.4
	Combustible Matter	g/m <sup>2</sup>	0.3
	TOTAL	g/m <sup>2</sup>	0.7

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m <sup>2</sup>	0.2
	Combustible Matter	g/m <sup>2</sup>	0.2
	TOTAL	g/m <sup>2</sup>	0.1

# Menangle Sand and Soil Quarry

Mar-24

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 <sup>2</sup>	0.1	1.3	0.6
Combustible Matter	g/m <sup>2</sup>	0.1	1.1	0.5

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m <sup>2</sup>	1.3
	Combustible Matter	g/m <sup>2</sup>	1.1
	TOTAL	g/m <sup>2</sup>	2.4

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m <sup>2</sup>	0.3
	Combustible Matter	g/m <sup>2</sup>	0.3
	TOTAL	g/m <sup>2</sup>	0.6

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m <sup>2</sup>	0.1
	Combustible Matter	g/m <sup>2</sup>	0.1
	TOTAL	g/m <sup>2</sup>	0.2

# Menangle Sand and Soil Quarry

Apr-24

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 <sup>2</sup>	0.6	0.8	0.7
Combustible Matter	g/m <sup>2</sup>	0.4	0.7	0.6

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m <sup>2</sup>	0.8
	Combustible Matter	g/m <sup>2</sup>	0.6
	TOTAL	g/m <sup>2</sup>	1.4

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m <sup>2</sup>	0.8
	Combustible Matter	g/m <sup>2</sup>	0.7
	TOTAL	g/m <sup>2</sup>	1.5

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m <sup>2</sup>	0.6
	Combustible Matter	g/m <sup>2</sup>	0.4
	TOTAL	g/m <sup>2</sup>	1.0

# Menangle Sand and Soil Quarry

May-24

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 <sup>2</sup>	0.1	1.3	0.5
Combustible Matter	g/m <sup>2</sup>	0.1	1.0	0.4

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m <sup>2</sup>	0.1
	Combustible Matter	g/m <sup>2</sup>	0.2
	TOTAL	g/m <sup>2</sup>	0.3

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m <sup>2</sup>	0.2
	Combustible Matter	g/m <sup>2</sup>	0.1
	TOTAL	g/m <sup>2</sup>	0.3

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m <sup>2</sup>	1.3
	Combustible Matter	g/m <sup>2</sup>	1.0
	TOTAL	g/m <sup>2</sup>	2.3

# Menangle Sand and Soil Quarry

Jun-24

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 <sup>2</sup>	0.1	0.4	0.2
Combustible Matter	g/m <sup>2</sup>	0.1	0.3	0.2

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m <sup>2</sup>	0.2
	Combustible Matter	g/m <sup>2</sup>	0.1
	TOTAL	g/m <sup>2</sup>	0.3

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m <sup>2</sup>	0.4
	Combustible Matter	g/m <sup>2</sup>	0.3
	TOTAL	g/m <sup>2</sup>	0.7

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m <sup>2</sup>	0.1
	Combustible Matter	g/m <sup>2</sup>	0.2
	TOTAL	g/m <sup>2</sup>	0.3

# Menangle Sand and Soil Quarry

Jul-24

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 <sup>2</sup>	0.1	1.2	0.7
Combustible Matter	g/m <sup>2</sup>	0.2	1.0	0.6

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m <sup>2</sup>	0.7
	Combustible Matter	g/m <sup>2</sup>	0.6
	TOTAL	g/m <sup>2</sup>	1.3

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m <sup>2</sup>	1.2
	Combustible Matter	g/m <sup>2</sup>	1.0
	TOTAL	g/m <sup>2</sup>	2.2

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m <sup>2</sup>	0.1
	Combustible Matter	g/m <sup>2</sup>	0.2
	TOTAL	g/m <sup>2</sup>	0.3

# Menangle Sand and Soil Quarry

Aug-24

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 <sup>2</sup>	0.3	1.3	0.7
Combustible Matter	g/m <sup>2</sup>	0.3	1.0	0.6

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/08/2024	Ash Content	g/m <sup>2</sup>	0.4
	Combustible Matter	g/m <sup>2</sup>	0.5
	TOTAL	g/m <sup>2</sup>	0.9

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/08/2024	Ash Content	g/m <sup>2</sup>	1.3
	Combustible Matter	g/m <sup>2</sup>	1.0
	TOTAL	g/m <sup>2</sup>	2.3

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/08/2024	Ash Content	g/m <sup>2</sup>	0.3
	Combustible Matter	g/m <sup>2</sup>	0.3
	TOTAL	g/m <sup>2</sup>	0.6



# Menangle Sand and Soil Quarry

Sep-24

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 <sup>2</sup>	0.3	14.6	5.2
Combustible Matter	g/m <sup>2</sup>	0.2	8.0	2.9

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/09/2024	Ash Content	g/m <sup>2</sup>	14.6
	Combustible Matter	g/m <sup>2</sup>	8.0
	TOTAL	g/m <sup>2</sup>	22.6

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/09/2024	Ash Content	g/m <sup>2</sup>	0.7
	Combustible Matter	g/m <sup>2</sup>	0.6
	TOTAL	g/m <sup>2</sup>	1.3

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/09/2024	Ash Content	g/m <sup>2</sup>	0.3
	Combustible Matter	g/m <sup>2</sup>	0.2
	TOTAL	g/m <sup>2</sup>	0.5

# Menangle Sand and Soil Quarry

Oct-24

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 <sup>2</sup>	0.6	2.3	1.2
Combustible Matter	g/m <sup>2</sup>	0.5	1.9	1.0

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m <sup>2</sup>	2.3
	Combustible Matter	g/m <sup>2</sup>	1.9
	TOTAL	g/m <sup>2</sup>	4.2

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m <sup>2</sup>	0.8
	Combustible Matter	g/m <sup>2</sup>	0.7
	TOTAL	g/m <sup>2</sup>	1.5

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m <sup>2</sup>	0.6
	Combustible Matter	g/m <sup>2</sup>	0.5
	TOTAL	g/m <sup>2</sup>	1.1

# Menangle Sand and Soil Quarry

Nov-24

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 <sup>2</sup>	1.0	6.2	2.8
Combustible Matter	g/m <sup>2</sup>	0.7	4.8	2.1

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m <sup>2</sup>	6.2
	Combustible Matter	g/m <sup>2</sup>	4.8
	TOTAL	g/m <sup>2</sup>	11.0

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m <sup>2</sup>	1.2
	Combustible Matter	g/m <sup>2</sup>	0.9
	TOTAL	g/m <sup>2</sup>	2.1

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m <sup>2</sup>	1.0
	Combustible Matter	g/m <sup>2</sup>	0.7
	TOTAL	g/m <sup>2</sup>	1.7

# Menangle Sand and Soil Quarry

Dec-24

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 <sup>2</sup>	0.4	2.7	1.9
Combustible Matter	g/m <sup>2</sup>	0.3	2.1	1.4

## Individual Results:

**DDG1:**

Sample Date	Particulate	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m <sup>2</sup>	2.6
	Combustible Matter	g/m <sup>2</sup>	1.7
	TOTAL	g/m <sup>2</sup>	4.3

**DDG2:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m <sup>2</sup>	2.7
	Combustible Matter	g/m <sup>2</sup>	2.1
	TOTAL	g/m <sup>2</sup>	4.8

**DDG3:**

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m <sup>2</sup>	0.4
	Combustible Matter	g/m <sup>2</sup>	0.3
	TOTAL	g/m <sup>2</sup>	0.7