

RECEIVED: 29/11/2024



## APPENDIX 8-1

DUST MONITORING  
RESULTS

**TEST REPORT NO: 237498****Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 22/11/0175-0176  
Quote Ref: QC006922  
Order No:  
Sales Order: 156030  
Date Received: 01/11/2022  
Date Sampled: 01/11/2022  
Date Completed: 02/11/2022  
Sample Type: Environmental Dust  
Sampling Period: 03/10/2022 - 01/11/2022**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition <small>Acc</small>	A	mg/m <sup>2</sup> /day	349	02/11/2022	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	123	02/11/2022	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	226	02/11/2022	BHP AC 017
Dust Deposition <small>Acc</small>	B	mg/m <sup>2</sup> /day	88	02/11/2022	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	55	02/11/2022	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	33	02/11/2022	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 10/11/2022****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

**TEST REPORT NO: 241429****Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 22/12/0242-0243  
Quote Ref: QC006964  
Order No:  
Sales Order: 160579  
Date Received: 01/12/2022  
Date Sampled: 01/12/2022  
Date Completed: 02/12/2022  
Sample Type: Environmental Dust  
Sampling Period: 01/11/2022 - 01/12/2022**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition <small>Acc</small>	A	mg/m <sup>2</sup> /day	131	02/12/2022	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	71	02/12/2022	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	60	02/12/2022	BHP AC 017
Dust Deposition <small>Acc</small>	B	mg/m <sup>2</sup> /day	123	02/12/2022	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	67	02/12/2022	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	56	02/12/2022	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 07/12/2022****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

**TEST REPORT NO: 245757****Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 23/01/0208-0209  
Quote Ref: QC007023  
Order No:  
Sales Order: 165356  
Date Received: 04/01/2023  
Date Sampled: 04/01/2023  
Date Completed: 06/01/2023  
Sample Type: Environmental Dust  
Sampling Period: 01/12/2022 - 04/01/2023**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition <small>Acc</small>	A	mg/m <sup>2</sup> /day	48	06/01/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	32	06/01/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	16	06/01/2023	BHP AC 017
Dust Deposition <small>Acc</small>	B	mg/m <sup>2</sup> /day	55	06/01/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	47	06/01/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	8	06/01/2023	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 11/01/2023****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

Client: Roadstone Limited

Fortunestown  
Tallaght  
Dublin  
Co. Dublin

BHP Ref. No: 23/02/0251-0252  
Quote Ref: QC007150  
Order No:  
Sales Order: 167467  
Date Received: 01/02/2023  
Date Sampled: 01/02/2023  
Date Completed: 02/02/2023  
Sample Type: Environmental Dust  
Sampling Period: 04/01/2023 - 01/02/2023



Testing  
Analysing  
Consulting



BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie

FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	95	02/02/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	67	02/02/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	28	02/02/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	See Note		BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	See Note		BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	See Note		BHP AC 017

Authorised by:

Dervla Purcell

Date Authorised: 08/02/2023

Laboratory Manager

Additional Information: (Opinions, where stated, are not covered by accreditation)

Acc.: INAB Accredited

Notes: All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

Sample Conditions: Acceptable condition

Sample jar at location B was smashed and could therefore not be analysed.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

**Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 23/03/0496-0499  
Quote Ref: QC007150  
Order No:  
Sales Order: 171072  
Date Received: 01/03/2023  
Date Sampled: 01/03/2023  
Date Completed: 02/03/2023  
Sample Type: Environmental Dust  
Sampling Period: 01/02/2023 - 01/03/2023**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	51	02/03/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	26	02/03/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	25	02/03/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	37	02/03/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	28	02/03/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	9	02/03/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	43	02/03/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	33	02/03/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	10	02/03/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	48	02/03/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	41	02/03/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	7	02/03/2023	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 06/03/2023****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

**TEST REPORT NO: 252546****Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 23/04/0343-0346  
Quote Ref: QC007371  
Order No:  
Sales Order: 173901  
Date Received: 03/04/2023  
Date Sampled: 03/04/2023  
Date Completed: 05/04/2023  
Sample Type: Environmental Dust  
Sampling Period: 01/03/2023 - 03/04/2023**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	75	05/04/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	38	05/04/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	37	05/04/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	138	05/04/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	90	05/04/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	48	05/04/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	12	05/04/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	3	05/04/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	9	05/04/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	81	05/04/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	43	05/04/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	38	05/04/2023	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 12/04/2023****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

**Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 23/05/0271-0274  
Quote Ref: QC007371  
Order No:  
Sales Order: 176354  
Date Received: 02/05/2023  
Date Sampled: 02/05/2023  
Date Completed: 03/05/2023  
Sample Type: Environmental Dust  
Sampling Period: 03/04/2023 - 02/05/2023**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	65	03/05/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	21	03/05/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	44	03/05/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	77	03/05/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	59	03/05/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	18	03/05/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	75	03/05/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	23	03/05/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	52	03/05/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	53	03/05/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	37	03/05/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	16	03/05/2023	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 08/05/2023****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty



**Client: Roadstone Limited**

**Fortunestown  
Tallaght  
Dublin  
Co. Dublin**

**BHP Ref. No: 23/06/0174-0177  
Quote Ref: QC007371  
Order No:  
Sales Order: 181122  
Date Received: 01/06/2023  
Date Sampled: 01/06/2023  
Date Completed: 06/06/2023  
Sample Type: Environmental Dust  
Sampling Period: 02/05/2023 - 01/06/2023**



**Testing  
Analysing  
Consulting**



**BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie**

**FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust**

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	D1	mg/m <sup>2</sup> /day	55	06/06/2023	BHP AC 017
Inorganic Deposition	D1	mg/m <sup>2</sup> /day	6	06/06/2023	BHP AC 017
Organic Deposition	D1	mg/m <sup>2</sup> /day	49	06/06/2023	BHP AC 017
Dust Deposition Acc	D2	mg/m <sup>2</sup> /day	91	06/06/2023	BHP AC 017
Inorganic Deposition	D2	mg/m <sup>2</sup> /day	36	06/06/2023	BHP AC 017
Organic Deposition	D2	mg/m <sup>2</sup> /day	55	06/06/2023	BHP AC 017
Dust Deposition Acc	D3	mg/m <sup>2</sup> /day	76	06/06/2023	BHP AC 017
Inorganic Deposition	D3	mg/m <sup>2</sup> /day	34	06/06/2023	BHP AC 017
Organic Deposition	D3	mg/m <sup>2</sup> /day	42	06/06/2023	BHP AC 017
Dust Deposition Acc	D4	mg/m <sup>2</sup> /day	121	06/06/2023	BHP AC 017
Inorganic Deposition	D4	mg/m <sup>2</sup> /day	51	06/06/2023	BHP AC 017
Organic Deposition	D4	mg/m <sup>2</sup> /day	70	06/06/2023	BHP AC 017

**Authorised by:**
**Dervla Purcell****Date Authorised: 12/06/2023****Laboratory Manager****Additional Information:**(Opinions, where stated, are not covered by accreditation)**Acc.:** INAB Accredited**Notes:** All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

**Sample Conditions:** All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

Client: Roadstone Limited

Fortunestown  
Tallaght  
Dublin  
Co. Dublin

BHP Ref. No: 23/07/0367-0370  
Quote Ref: QC007908  
Order No:  
Sales Order: 184160  
Date Received: 03/07/2023  
Date Sampled: 03/07/2023  
Date Completed: 04/07/2023  
Sample Type: Environmental Dust  
Sampling Period: 01/06/2023 - 03/07/2023



Testing  
Analysing  
Consulting



BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie

FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	222	04/07/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	46	04/07/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	176	04/07/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	52	04/07/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	52	04/07/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	0	04/07/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	393	04/07/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	108	04/07/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	285	04/07/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	3	04/07/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	3	04/07/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	0	04/07/2023	BHP AC 017

Authorised by:

Dervla Purcell

Date Authorised: 17/07/2023

Laboratory Manager

Additional Information: (Opinions, where stated, are not covered by accreditation)

Acc.: INAB Accredited

Notes: Sample at location C was outside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

Sample Conditions: Sample jar at location C showed major discolouration and turbidity due to organic matter.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

Client: Roadstone Limited

Fortunestown  
Tallaght  
Dublin  
Co. Dublin

BHP Ref. No: 23/08/0144-0147  
Quote Ref: QC007908  
Order No:  
Sales Order: 186843  
Date Received: 01/08/2023  
Date Sampled: 01/08/2023  
Date Completed: 01/08/2023  
Sample Type: Environmental Dust  
Sampling Period: 03/07/2023 - 01/08/2023



Testing  
Analysing  
Consulting



BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
EMail: dervlapurcell@bhp.ie

FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	87	01/08/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	8	01/08/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	79	01/08/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	103	01/08/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	32	01/08/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	71	01/08/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	74	01/08/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	59	01/08/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	15	01/08/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	37	01/08/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	23	01/08/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	14	01/08/2023	BHP AC 017

Authorised by:

Dervla Purcell

Date Authorised: 10/08/2023

Laboratory Manager

Additional Information: (Opinions, where stated, are not covered by accreditation)

Acc.: INAB Accredited

Notes: All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

Sample Conditions: All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

Client: Roadstone Limited

Fortunestown  
Tallaght  
Dublin  
Co. Dublin

BHP Ref. No: 23/09/0456-0459  
Quote Ref: QC007908  
Order No:  
Sales Order: 189728  
Date Received: 04/09/2023  
Date Sampled: 04/09/2023  
Date Completed: 05/09/2023  
Sample Type: Environmental Dust  
Sampling Period: 01/08/2023 - 04/09/2023



Testing  
Analysing  
Consulting



BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
Email: dervlapurcell@bhp.ie

FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	124	05/09/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	21	05/09/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	103	05/09/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	57	05/09/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	25	05/09/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	32	05/09/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	73	05/09/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	18	05/09/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	55	05/09/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	84	05/09/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	46	05/09/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	38	05/09/2023	BHP AC 017

Authorised by:

Dervla Purcell

Date Authorised: 11/09/2023

Laboratory Manager

Additional Information: (Opinions, where stated, are not covered by accreditation)

Acc.: INAB Accredited

Notes: All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

Sample Conditions: All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty

Client: Roadstone Limited

Fortunestown  
Tallaght  
Dublin  
Co. Dublin

BHP Ref. No: 23/10/0215-0218  
Quote Ref: QC008357  
Order No:  
Sales Order: 192304  
Date Received: 02/10/2023  
Date Sampled: 02/10/2023  
Date Completed: 05/10/2023  
Sample Type: Environmental Dust  
Sampling Period: 04/09/2023 - 02/10/2023



Testing  
Analysing  
Consulting



BHP Laboratories  
New Road  
Thomondgate  
Limerick  
Tel: +353 61 455399  
Fax: +353 61 455261  
Email: dervlapurcell@bhp.ie

FTAO: Brian Staed  
Site: Ballyquin Quarry  
BHP Ref: Monthly\_Environmental Dust

TestName	ClientRef	Units	Results	DateAnalysed	Method
Dust Deposition Acc	A	mg/m <sup>2</sup> /day	124	05/10/2023	BHP AC 017
Inorganic Deposition	A	mg/m <sup>2</sup> /day	64	05/10/2023	BHP AC 017
Organic Deposition	A	mg/m <sup>2</sup> /day	60	05/10/2023	BHP AC 017
Dust Deposition Acc	B	mg/m <sup>2</sup> /day	51	05/10/2023	BHP AC 017
Inorganic Deposition	B	mg/m <sup>2</sup> /day	14	05/10/2023	BHP AC 017
Organic Deposition	B	mg/m <sup>2</sup> /day	37	05/10/2023	BHP AC 017
Dust Deposition Acc	C	mg/m <sup>2</sup> /day	63	05/10/2023	BHP AC 017
Inorganic Deposition	C	mg/m <sup>2</sup> /day	23	05/10/2023	BHP AC 017
Organic Deposition	C	mg/m <sup>2</sup> /day	40	05/10/2023	BHP AC 017
Dust Deposition Acc	D	mg/m <sup>2</sup> /day	51	05/10/2023	BHP AC 017
Inorganic Deposition	D	mg/m <sup>2</sup> /day	16	05/10/2023	BHP AC 017
Organic Deposition	D	mg/m <sup>2</sup> /day	35	05/10/2023	BHP AC 017

Authorised by:

Dervla Purcell

Date Authorised: 10/10/2023

Laboratory Manager

Additional Information:(Opinions, where stated, are not covered by accreditation)

Acc.: INAB Accredited

Notes: All sample locations were inside the EPA limit of 350 mg/m<sup>2</sup>/day.

Total dust residues were ashed at 600°C for 1 hour to determine inorganic dust deposition.

Organic deposition was determined by subtracting the inorganic dust deposition from the total dust deposition.

Sample Conditions: All samples in acceptable condition.

This test report shall not be duplicated except in full and then only with the permission of the test laboratory.

Results apply only to the sample tested and where the laboratory is not responsible for sampling, result apply to the sample as received.

Information identifying the 'Client', 'FTAO', 'Site', 'Client Ref', 'Order No' and 'Date Sampled' where BHP have not taken the sample has been supplied by the customer.

Sampling is outside the scope of accreditation

BHP Laboratory's decision rule: When we report a statement of compliance, we base it on the actual result of the test compared to the standard being used, regardless of the uncertainty