

Stratus Environmental Limited
4245 Park Approach
Thorpe Park
Leeds

Date: 23 November 2015
Test Report Ref: STR 439585

LS15 8GB

Page 1 of 1

Contract: Hafod Landfill - Cell 4 Phase 1

LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Ten Per Cent Fines Value (TFV) of aggregate sample 10mm and greater in accordance with **BS 812: Part 111: 1990.**

SAMPLE DETAILS:

Certificate of sampling received:	No
Laboratory Ref. No:	S55488
Client Ref. No:	LSTONE1
Date and Time of Sampling:	16/10/2015
Date of Receipt at Lab:	26/10/2015
Date of Start of Test:	12/11/2015
Sampling Location:	Unknown
Name of Source:	Unknown
Method of Sampling:	Disturbed Bulk Sample
Sampled By:	Client
Material Description:	50mm Aggregate
Target Specification:	N/A

RESULTS:

Ten per cent fines value (SOAKED) = 140 kN

Comments

Has the "as received material" been altered by crushing in the laboratory: **Yes**

Report to nearest 10kN for forces of 100kN or more report to nearest 5kN for forces less than 100kN.

Certificate
Prepared by:-



Meical Owen
Assistant Laboratory Manager

Approved by: -



Eric Goulden
Technical Manager

Stratus Environmental Limited
4245 Park Approach
Thorpe Park
Leeds

Date: 23 November 2015
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Contract: Hafod Landfill - Cell 4 Phase 1

LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Ten Per Cent Fines Value (TFV) of aggregate sample 10mm and greater in accordance with **BS 812: Part 111: 1990.**

SAMPLE DETAILS:

Certificate of sampling received:	No
Laboratory Ref. No:	S55488
Client Ref. No:	LSTONE2
Date and Time of Sampling:	16/10/2015
Date of Receipt at Lab:	26/10/2015
Date of Start of Test:	12/11/2015
Sampling Location:	Unknown
Name of Source:	Unknown
Method of Sampling:	Disturbed Bulk Sample
Sampled By:	Client
Material Description:	50mm Aggregate
Target Specification:	N/A

RESULTS:

Ten per cent fines value (SOAKED) = 150 kN

Comments

Has the "as received material" been altered by crushing in the laboratory: **Yes**

Report to nearest 10kN for forces of 100kN or more report to nearest 5kN for forces less than 100kN.

Certificate
Prepared by:-



Meical Owen
Assistant Laboratory Manager

Approved by: -



Eric Goulden
Technical Manager

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 4245 Park Approach
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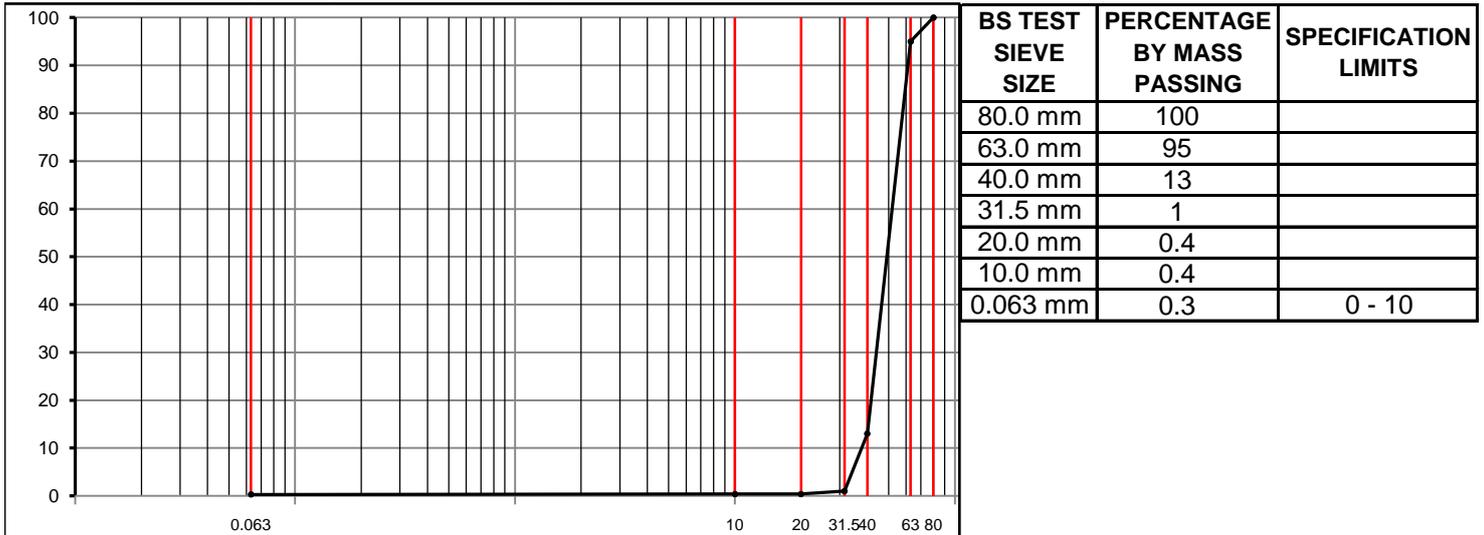
LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Particle Size Distribution (PSD) of a aggregate sample-washing and sieving method to **BS EN 933-1: 2012**.

SAMPLE DETAILS:

Certificate of sampling received No	Name of Source: Unknown
Laboratory Ref. No: S55488	Method of Sampling: Disturbed Bulk Sample
Client Ref. No: LSTONE3	Sampled By: Client
Date and Time of Sampling: 16/10/2015	
Date of Receipt at Lab: 26/10/2015	
Date of Start of Test: 27/10/2015	
Sampling Location: Unknown	
Material Description: 50mm Aggregate	
Target Specification: Site Specification	

RESULTS: Were any unrepresentative lumps present? No



Comments

Complies with site specification requirements

Certificate
 Prepared by:-
 Meical Owen
 Assistant Laboratory Manager

Approved by: -
 Eric Goulden
 Technical Manager



Stratus Environmental Limited
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 Thorpe Park
 Leeds

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Contract: Hafod Landfill - Cell 4 Phase 1

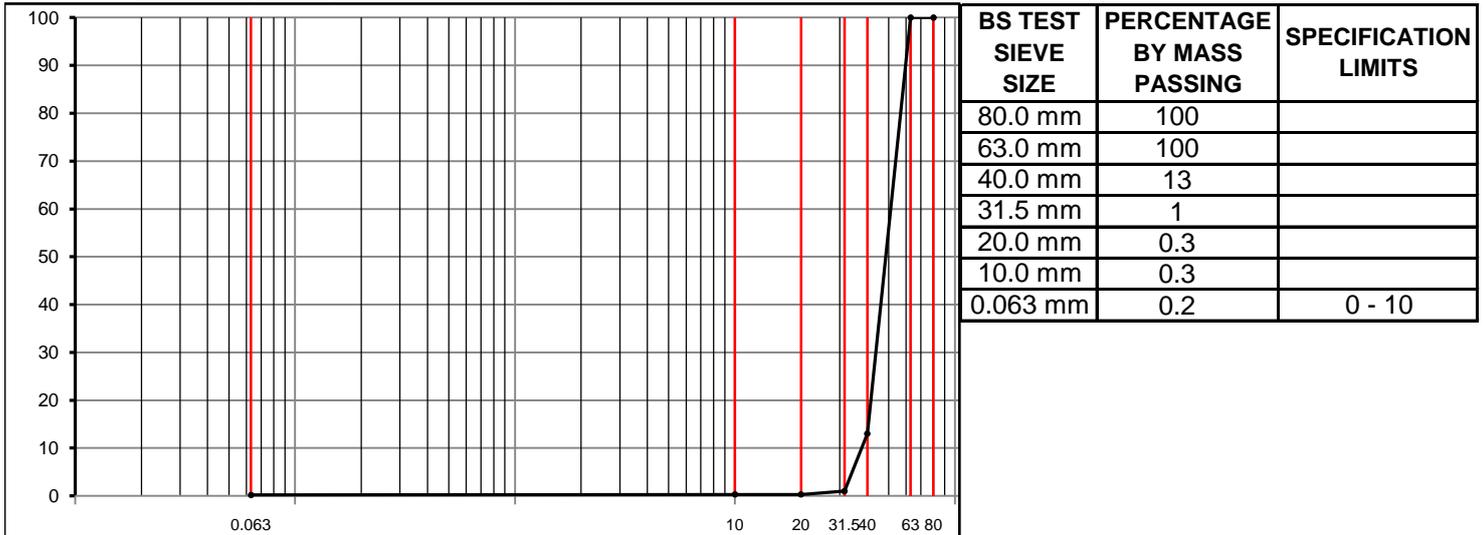
LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Particle Size Distribution (PSD) of a aggregate sample-washing and sieving method to **BS EN 933-1: 2012**.

SAMPLE DETAILS:

Certificate of sampling received No	Name of Source: Unknown
Laboratory Ref. No: S55488	Method of Sampling: Disturbed Bulk Sample
Client Ref. No: LSTONE1	Sampled By: Client
Date and Time of Sampling: 16/10/2015	
Date of Receipt at Lab: 26/10/2015	
Date of Start of Test: 27/10/2015	
Sampling Location: Unknown	
Material Description: 50mm Aggregate	
Target Specification: Site Specification	

RESULTS: Were any unrepresentative lumps present? No



Comments

Complies with site specification requirements.

Certificate
 Prepared by:-
 Meical Owen
 Assistant Laboratory Manager

Approved by: -
 Eric Goulden
 Technical Manager



Stratus Environmental Limited
 4245 Park Approach
 Thorpe Park
 Leeds

Date: 23 November 2015
 Test Report Ref: STR 437629

LS15 8GB

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Contract: Hafod Landfill - Cell 4 Phase 1

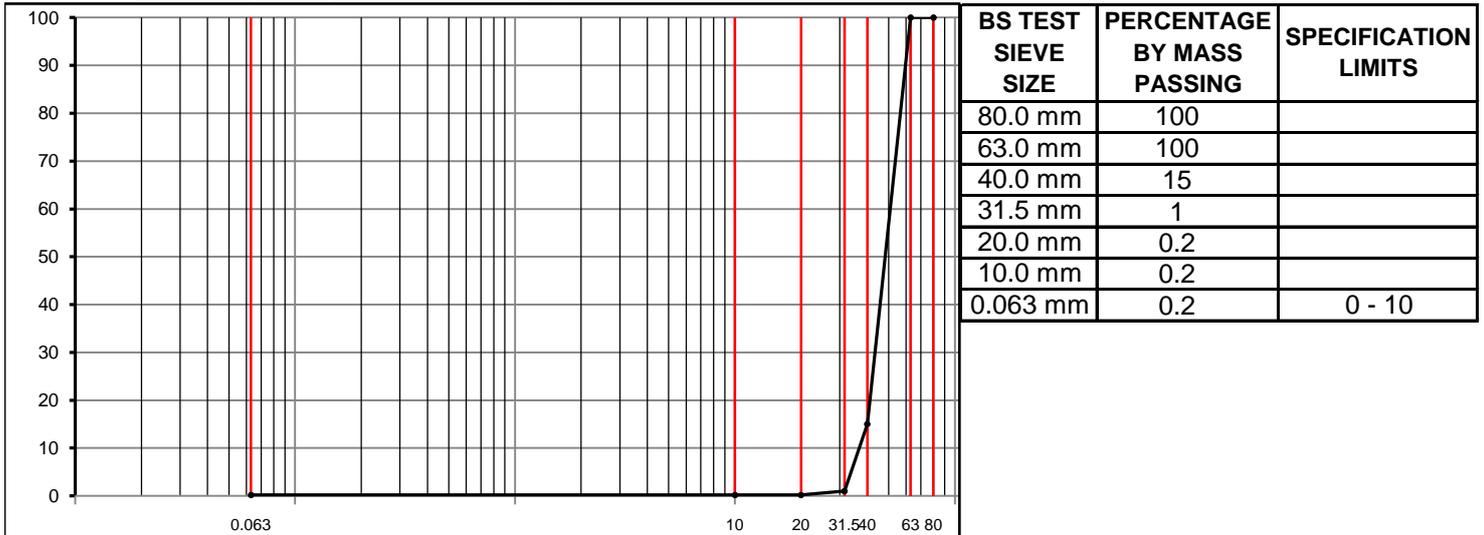
LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Particle Size Distribution (PSD) of a aggregate sample-washing and sieving method to **BS EN 933-1: 2012**.

SAMPLE DETAILS:

Certificate of sampling received No	Name of Source: Unknown
Laboratory Ref. No: S55488	Method of Sampling: Disturbed Bulk Sample
Client Ref. No: LSTONE2	Sampled By: Client
Date and Time of Sampling: 16/10/2015	
Date of Receipt at Lab: 26/10/2015	
Date of Start of Test: 27/10/2015	
Sampling Location: Unknown	
Material Description: 50mm Aggregate	
Target Specification: Site Specification	

RESULTS: Were any unrepresentative lumps present? No



Comments

Complies with site specification requirements.

Certificate
 Prepared by:-
 Meical Owen
 Assistant Laboratory Manager

Approved by: -
 Eric Goulden
 Technical Manager



Stratus Environmental Limited
4245 Park Approach
Thorpe Park
Leeds

Date: 23 November 2015
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LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Ten Per Cent Fines Value (TFV) of aggregate sample 10mm and greater in accordance with **BS 812: Part 111: 1990.**

SAMPLE DETAILS:

Certificate of sampling received:	No
Laboratory Ref. No:	S55488
Client Ref. No:	LSTONE3
Date and Time of Sampling:	16/10/2015
Date of Receipt at Lab:	26/10/2015
Date of Start of Test:	12/11/2015
Sampling Location:	Unknown
Name of Source:	Unknown
Method of Sampling:	Disturbed Bulk Sample
Sampled By:	Client
Material Description:	50mm Aggregate
Target Specification:	N/A

RESULTS:

Ten per cent fines value (SOAKED) = 150 kN

Comments

Has the "as received material" been altered by crushing in the laboratory: **Yes**

Report to nearest 10kN for forces of 100kN or more report to nearest 5kN for forces less than 100kN.

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