



Analysis Report

October 13, 2015

COVANTA ENERGY WBH LLC

445 SOUTH STREET
MORRISTOWN NJ 07960

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ATTN: STEVE DEDUCK

Client Sample ID:	8 H.R. E.R.5 Run 1	Sample ID By:	Covanta
Date Sampled:	Oct 1, 2015	Sample Taken At:	Submitted
Date Received:	Oct 5, 2015	Sample Taken By:	Submitted
Product Description:	ASH	Sample ID:	Covanta DYEC 8 H.R. E.R.5

SGS Minerals Sample ID: 491-1588334-001

	<u>Method</u>	<u>As Received</u>	<u>Dry</u>
Moisture, Total %	ASTM D3302	16.51	
Sulfur %	ASTM D4239 (A)	1.35	1.61
Gross Calorific Value Btu/lb	ASTM D5865		<100

Vanessa Chambliss
Branch Manager

SGS North America Inc. Minerals Services Division
16130 Van Drunen Road South Holland IL 60473 t (708) 331-2900 f (708) 333-3060 www.sgs.com/minerals

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ATTN: STEVE DEDUCK

Client Sample ID:	8 H.R. E.R.5 Run 2	Sample ID By:	Covanta
Date Sampled:	Oct 1, 2015	Sample Taken At:	Submitted
Date Received:	Oct 5, 2015	Sample Taken By:	Submitted
Product Description:	ASH	Sample ID:	Covanta DYEC 8 H.R. E.R.5

SGS Minerals Sample ID: 491-1588334-002

	<u>Method</u>	<u>As Received</u>	<u>Dry</u>
Moisture, Total %	ASTM D3302	16.50	
Sulfur %	ASTM D4239 (A)	1.33	1.59
Gross Calorific Value Btu/lb	ASTM D5865		<100

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ATTN: STEVE DEDUCK

Client Sample ID: 8 H.R. E.R.5 Run 3
Date Sampled: Oct 1, 2015
Date Received: Oct 5, 2015
Product Description: ASH
Sample ID By: Covanta
Sample Taken At: Submitted
Sample Taken By: Submitted
Sample ID: Covanta DYEC 8 H.R. E.R.5

SGS Minerals Sample ID: 491-1588334-003

Table with 4 columns: Property, Method, As Received, Dry. Rows include Moisture, Total %, Sulfur %, and Gross Calorific Value Btu/lb.

Handwritten signature of Vanessa Chambliss

Vanessa Chambliss
Branch Manager

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ATTN: STEVE DEDUCK

Client Sample ID:	120 H.R. D.5 Run 1	Sample ID By:	Covanta
Date Sampled:	Oct 1, 2015	Sample Taken At:	Submitted
Date Received:	Oct 5, 2015	Sample Taken By:	Submitted
Product Description:	ASH	Sample ID:	Covanta DYEC 120 H.R. D.5

SGS Minerals Sample ID: 491-1588334-004

	<u>Method</u>	<u>As Received</u>	<u>Dry</u>
Moisture, Total %	ASTM D3302	15.90	
Sulfur %	ASTM D4239 (A)	1.43	1.70
Gross Calorific Value Btu/lb	ASTM D5865		<100

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ATTN: STEVE DEDUCK

Client Sample ID:	120 H.R. D.5 Run 2	Sample ID By:	Covanta
Date Sampled:	Oct 1, 2015	Sample Taken At:	Submitted
Date Received:	Oct 5, 2015	Sample Taken By:	Submitted
Product Description:	ASH	Sample ID:	Covanta DYEC 120 H.R. D.5

SGS Minerals Sample ID: 491-1588334-005

	<u>Method</u>	<u>As Received</u>	<u>Dry</u>
Moisture, Total %	ASTM D3302	15.90	
Sulfur %	ASTM D4239 (A)	1.41	1.68
Gross Calorific Value Btu/lb	ASTM D5865		<100

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ATTN: STEVE DEDUCK

Client Sample ID:	120 H.R. D.5 Run 3	Sample ID By:	Covanta
Date Sampled:	Oct 1, 2015	Sample Taken At:	Submitted
Date Received:	Oct 5, 2015	Sample Taken By:	Submitted
Product Description:	ASH	Sample ID:	Covanta DYEC 120 H.R. D.5

SGS Minerals Sample ID: 491-1588334-006

	<u>Method</u>	<u>As Received</u>	<u>Dry</u>
Moisture, Total %	ASTM D3302	15.05	
Sulfur %	ASTM D4239 (A)	1.40	1.65
Gross Calorific Value Btu/lb	ASTM D5865		<100

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