

COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST160001

Date: 4/13/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2015

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

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Associated Permit Activity #: 85455

Quarterly Throughput (%)

Q1: 25.00 Q2: 23.00 Q3: 23.00 Q4: 29.00

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2015 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/15-9/30/15 (Tons/Season)		6/1/15-8/31/15 (Lbs/Day)		12/1/14-2/28/15 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		26.03	0.00			147.08	0.00	172.86	0.00					
NOx (Total)		168.04	0.00	73.00	0.00	1,049.67	0.00							
PM-10 (Total)		7.16	0.06											
PM-2.5 (Total)		6.05	0.02											
Pb		0.02	0.00											
SO2		14.49	0.00											

COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST170001

Date: 4/13/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2016

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

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Associated Permit Activity #:

85455

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Quarterly Throughput (%)

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Q1: 22.00 Q2: 25.00 Q3: 27.00 Q4: 26.00

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COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST170001

Date: 4/13/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2016 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/16-9/30/16 (Tons/Season)		6/1/16-8/31/16 (Lbs/Day)		12/1/15-2/28/16 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		28.67	0.06			146.49	0.00	153.63	0.00					
NOx (Total)		171.29	0.00	57.59	0.00	1,053.29	0.00							
PM-10 (Total)		8.69	0.07											
PM-2.5 (Total)		2.30	0.02											
Pb		0.01	0.00											
SO2		5.67	0.00											

COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST180001

Date: 4/12/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2017

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

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Associated Permit Activity #: 85455

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Quarterly Throughput (%)

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Q1: 22.00 Q2: 25.00 Q3: 27.00 Q4: 26.00

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COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST180001

Date: 4/12/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2017 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/17-9/30/17 (Tons/Season)		6/1/17-8/31/17 (Lbs/Day)		12/1/16-2/28/17 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		29.83	0.00			168.16	0.00	181.30	0.00					
NOx (Total)		169.96	0.00	73.57	0.00	989.64	0.00							
PM-10 (Total)		7.25	0.07											
PM-2.5 (Total)		1.08	0.02											
Pb		0.02	0.00											
SO2		13.17	0.00											

COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST110001

Date: 4/13/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2010

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

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Associated Permit Activity #: 85455

Quarterly Throughput (%)

Q1: 22.00 Q2: 25.00 Q3: 27.00 Q4: 26.00

COVANTA WARREN ENERGY RESOURCE CO LLC (85455)
EST110001

Date: 4/13/2021

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2010 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/10-9/30/10 (Tons/Season)		6/1/10-8/31/10 (Lbs/Day)		12/1/09-2/28/10 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		37.36	0.00			189.64	0.00	240.63	0.01					
NOx (Total)		173.70	0.00	71.60	0.00	1,174.71	0.00							
PM-10 (Total)		9.44	0.14											
PM-2.5 (Total)		7.99	0.04											
Pb		0.03	0.00											
SO2		10.76	0.00											

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion) ☐

This Source Has No Reportable Emissions for 2000 ☐

Source Process Data Is Considered Confidential ☐

Source Did Not Operate ☐

NJDEP Default Emission Calculations ☐

Associated Permit Activity #: 85455

Quarterly Throughput (%)

Q1: 24.79 Q2: 23.80 Q3: 26.92 Q4: 24.49

Process Data

Source Operation Information

Between 6/1/00 - 8/31/00

Between 12/1/99 - 2/28/00

For the Entire Year of 2000

Amount Processed	Operating Amount		Operating Time			Number of Batches Run
	Units		Hours	Days	Weeks	
34,561.4000	tons		2,147	92	13	
34,984.0000	tons		1,870	90	13	
130,039.2000	tons		7,971	352	51	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2000 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/00-9/30/00 (Tons/Season)		6/1/00-8/31/00 (Lbs/Day)		12/1/99-2/28/00 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		34.71	0.04			281.62	0.32	217.50	0.23					
NOx (Total)		219.36	0.23			1,259.52	1.38							
PM-10 (Total)		11.22	0.15											
Pb		0.04	0.00											
SO2		4.80	0.00			0.00	0.00	0.00	0.00					
TSP		11.24	0.19											