



Connecticut Coalition for Environmental Justice

Documentation for Comments on DEEP Resource Rediscovery RFP Phase II on Modernizing the Connecticut Solid Waste System Project

Submitted by Connecticut Coalition for Environmental Justice & Energy Justice Network

December 8, 2017

Please accept these references as supplemental documentation for the comments we submitted on November 24, 2017. Any other documentation for statements made in our comments are available upon request.

2009 Report by Tellus Institute:

<http://www.tellus.org/pub/More%20Jobs,%20Less%20Pollution%20-%20Growing%20the%20Recycling%20Economy%20in%20the%20US.pdf>

Montgomery County Resource Recovery Facility – Covanta waste pile fire history shown in a chart on p90:

<https://www.montgomerycountymd.gov/SWS/Resources/Files/rf/RCA%20Documents.pdf>

Images from an even worse fire at a Covanta incinerator in Lorton, VA are available at

<http://www.energyjustice.net/va>. That February 2017 fire lasted nearly two weeks, as did the worst of the ones at Covanta's Montgomery County, MD incinerator in December 2016, and the Lorton facility is still closed down in the wake of that massive fire.

Information on the age of incinerators is from various industry databases, and our own facility tracking.

The latest industry database of incinerators is here: <http://energyrecoverycouncil.org/wp-content/uploads/2016/05/ERC-2016-directory.pdf>

The Energy Information Administration data on Covanta incinerator actual capacity is from the 923 database: <https://www.eia.gov/electricity/data/eia923/>.

Hartford County's largest air polluters
(2014 U.S. EPA National Emissions Inventory)

Facility	Pounds of Air Pollution (2014)
Bradley Intl Airport	2,703,413.5
C R R A / Mid-Connecticut	2,476,912.3
M D C /Hartford WPCF	754,769.1
Covanta Bristol, Inc	683,080.6
[61 other smaller sources]	1,739,338.1
TOTAL	8,357,513.5

Note that a modest expansion in capacity at the Covanta Bristol trash incinerator would cause it to overtake the sewage sludge incinerator at the Hartford Water Pollution Control Facility as the third largest air polluter in the county. If this were coupled with the closure of the Mid-Connecticut trash incinerator in Hartford, the Bristol incinerator becomes the county's second largest air polluter.

New London County's largest air polluters
(2014 U.S. EPA National Emissions Inventory)

Facility	Pounds of Air Pollution (2014)
Covanta Southeastern Ct Co	1,110,072.6
Wheelabrator Lisbon Inc (WM)	716,123.9
[25 other smaller sources]	2,017,809.5
TOTAL:	3,844,006.0

Top 10 Greenhouse Gas Emitters in Connecticut
(trash incinerators in **bold**)

Facility	City	County	St	GHGs (Metric Tons CO2e)
Lake Road Generating Company	Dayville	Windham	CT	2,140,048
KLEEN ENERGY SYSTEMS POWER PLANT	Middletown	Middlesex	CT	1,546,073
Bridgeport Energy	Bridgeport	Fairfield	CT	1,401,437
Milford Power Company LLC	Milford	New Haven	CT	1,235,164
Wheelabrator Bridgeport L.P.	Bridgeport	Fairfield	CT	802,396
Mid-Connecticut Resources Recovery Facility	Hartford	Hartford	CT	751,271
Southeastern CT Resource Recovery Facility	Preston	New London	CT	259,655
Bridgeport Harbor Station	Bridgeport	Fairfield	CT	221,542
Wheelabrator Lisbon Inc.	Lisbon	New London	CT	196,085
Covanta Bristol, Inc	Bristol	Hartford	CT	192,679

Note: this is based on 2016 EPA FLIGHT data, with the 2014 eGRID values for unadjusted CO2 emissions for incinerators, so that all actual CO2 emissions are counted. Adjusting values to reflect a slight reduction in waste burned in 2016 vs. 2014 does not change these ranks at all.

New York State's Five largest air polluters
(2014 U.S. EPA National Emissions Inventory)

Facility	Pounds of Air Pollution (2014)
Alcoa Massena Operations (West Plant)	31,849,515.0
Red-Rochester LLC At Eastman Business Park	26,648,703.5
John F Kennedy Intl	21,944,612.9
AES Somerset LLC	16,347,338.5
Lafarge Building Materials Inc (Ravena)	15,907,912.9
[1,154 other smaller sources]	234,653,198.2
TOTAL:	347,351,281.0

Sincerely,

 /s/

Sharon Lewis
Connecticut Coalition for Environmental Justice