



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

May 10, 2019

Mr. Edward Nesselbeck  
Erie Coke Corporation  
P.O. Box 6180  
Erie, PA 16512-6180

INSP: 2868306  
VIOL: 849755

Re: First Quarter 2019 Continuous Source Monitoring Report

Dear Mr. Nesselbeck:

Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering First Quarter of 2019 for Erie Coke Corporation located in Erie, Erie County. In accordance with the information submitted, violations are identified in this report and summarized as follows:

Source	Violation Type	Parameter	Unit Of Measure
Coke Battery Combustion Stack	Emission	Opacity	%

Please review the enclosed report for accuracy. If you would like to discuss this report, please contact me at 814.332.6634 within two weeks of receipt. Otherwise, the Department will contact you regarding resolution of these violations.

Sincerely,

Lori L. McNabb  
Environmental Group Manager  
Air Quality Program

Enclosure



cc: AQ/Fac/Case/25-000-00029 through K. Fleet and E. Painter *JP Staff*



# QUARTERLY CONTINUOUS SOURCE MONITORING REPORT

Department of Environmental Protection  
 Bureau of Air Quality  
 Harrisburg, PA 17105-8468

The Bureau prepared this report based on the Continuous Source Monitoring System (CSMS) data submitted by the company. The Facility Summary appears below. The individual Continuous Source Monitoring System Reports contain summary and daily data and appear on the remaining pages.

If you have any questions concerning the data summaries, please contact Natalie Russ (717-772-3944 or nruss@pa.gov). If you have questions concerning the enforcement information, please contact Douglas Haulik (717-772-4482 or dhaulik@pa.gov). If you have questions concerning any case settlement matters, please contact Lori L. McNabb (814-332-6634 or lmcnabb@pa.gov) from your regional office.

## FACILITY SUMMARY

Company: **ERIE COKE CORP**  
 Facility: **ERIE COKE CORP/ERIE PLT**  
 Municipality: **Erie**  
 Region: **Meadville**

Year: **2019** Quarter: **1**

Monitored Parameter	Quarterly Average	Time Subject to Monitoring	Emission Violation Days	Excess Invalid Averages	Report Penalties			Emission Result ID
					Emission	Data Availability	Late	

Source: **Coke Battery Combustion Stack**

<b>Opacity</b>	<b>10.05355 %</b>	<b>100.00 %</b>	<b>84</b>	<b>0</b>				<b>1959</b>
<b>Source Summary</b>		<b>100.00 %</b>	<b>84</b>	<b>0</b>				<b>1959</b>
<b>Location Summary</b>		<b>100.00 %</b>	<b>84</b>	<b>0</b>				<b>1959</b>
<b>Total Penalty:</b>								

Maximum penalties are indicated by parenthesis following the penalty amount, i.e., "(3)" would mean that the maximum emission penalty was assessed on 3 days and "(M)" would mean that the maximum data availability penalty was assessed.

## COMMENTS

The CEMS at this facility will not be used to determine compliance with RACT2 requirements.  
 Maximum penalties have been assessed; see the individual CSMS report for details.

# CONTINUOUS SOURCE MONITORING REPORT

Department of Environmental Protection  
Bureau of Air Quality

Company: **ERIE COKE CORP**  
Facility: **ERIE COKE CORP/ERIE PLT**  
Municipality: **Erie**  
Region: **Meadville**

Year: **2019** Quarter: **1**

Source: **Coke Battery  
Combustion Stack** Opacity ( % )

Emission Result ID: **1959** Certification: **08/29/2009**

## SUMMARY INFORMATION

### OPERATION

Time subject to monitoring: **2160** hours or **100.00 %** of quarter  
Valid CSMS time: **2135** hours or **98.84 %** of quarter

% Valid of time subject to monitoring: **98.84 %**

Parameter average: **10.05355 % Opacity**

### COMPLIANCE

Report submittal postmark: **04/05/2019**

#### Opacity Limit(s):

No more than 3 min/hr  $\geq$  20% Opacity  
No minutes  $\geq$  60% Opacity

Violations on 84 days

#### Data Availability Standard:

Valid Hours / Month  $\geq$  90 % or  
Valid Hours / Quarter  $\geq$  95 %

Report indicates compliance with data availability  
standard

Month	Hours/ Month			
	% Valid	Valid	Required	Excess Invalid
January	99.46 %	740	670	0
February	100 %	672	605	0
March	97.18 %	723	670	0
Hours/ Quarter :	98.84 %		Total=	0

### ENFORCEMENT

"Compliance Assurance Policy for Continuous Emission Monitoring Systems (CEMS) on Combustion Units" for boilers, Revision 2, April 2009 applies.

#### Opacity Emission Violation Penalty Adjustment Times

Total adjustment available: 648 min Adjustment used for 20% = 610 min  
Total 60% adjustment available: 97 min Adjustment used for 60% = 39 min

(Penalty Factor: 1 )

Coke Battery Combustion Stack, Opacity (%)

Date	Codes		20% Standard				60% Standard				Valid Hours	Down Hours	Invalid Hours
	PC	MC	Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
01/01/2019	08	-	20	0			0	0			23	0	1
01/02/2019	08	-	34	0			0	0			24	0	0
01/03/2019	08	-	64	0			0	0			24	0	0
01/04/2019	08	-	8	0			0	0			23	0	1
01/05/2019	-	-	0	0			0	0			24	0	0
01/06/2019	08	-	12	0			0	0			22	0	2
01/07/2019	08	-	163	43			15	0			24	0	0
01/08/2019	08	-	101	0			0	0			24	0	0
01/09/2019	08	-	14	0			0	0			24	0	0
01/10/2019	08	-	209	89			0	0			24	0	0
01/11/2019	08	-	114	0			0	0			24	0	0
01/12/2019	08	-	111	108			0	0			24	0	0
01/13/2019	08	-	4	4			0	0			24	0	0
01/14/2019	08	-	102	102			0	0			24	0	0
01/15/2019	08	-	16	16			0	0			24	0	0
01/16/2019	08	-	75	75			0	0			24	0	0
01/17/2019	08	-	14	14			0	0			24	0	0
01/18/2019	08	-	3	3			0	0			24	0	0
01/19/2019	-	-	0	0			0	0			24	0	0
01/20/2019	08	-	6	6			1	0			24	0	0
01/21/2019	08	-	60	60			0	0			24	0	0
01/22/2019	08	-	108	108			0	0			24	0	0
01/23/2019	08	-	237	237			1	0			24	0	0
01/24/2019	08	-	110	110			0	0			24	0	0
01/25/2019	08	-	13	13			0	0			24	0	0
01/26/2019	08	-	120	120			0	0			24	0	0
01/27/2019	08	-	93	93			0	0			24	0	0
01/28/2019	08	-	20	20			0	0			24	0	0
01/29/2019	08	-	76	76			0	0			24	0	0
01/30/2019	08	-	22	22			0	0			24	0	0
01/31/2019	-	-	0	0			0	0			24	0	0
02/01/2019	08	-	45	45			0	0			24	0	0
02/02/2019	08	-	338	338			0	0			24	0	0
02/03/2019	08	-	155	155			0	0			24	0	0
02/04/2019	08	-	42	42			0	0			24	0	0
02/05/2019	08	-	121	121			0	0			24	0	0
02/06/2019	08	-	127	127			0	0			24	0	0
02/07/2019	08	-	270	270			0	0			24	0	0
02/08/2019	08	-	38	38			0	0			24	0	0
02/09/2019	08	-	124	124			0	0			24	0	0
02/10/2019	08	-	111	111			0	0			24	0	0
02/11/2019	08	-	81	81			0	0			24	0	0
02/12/2019	08	-	286	286			0	0			24	0	0
02/13/2019	08	-	447	447			0	0			24	0	0
02/14/2019	08	-	164	164			0	0			24	0	0
02/15/2019	08	-	313	313			0	0			24	0	0
02/16/2019	08	-	676	676			0	0			24	0	0
02/17/2019	08	-	815	815			1	0			24	0	0
02/18/2019	08	-	279	279			0	0			24	0	0
02/19/2019	08	-	93	93			3	0			24	0	0
02/20/2019	08	-	164	164			0	0			24	0	0
02/21/2019	08	-	23	23			0	0			24	0	0
02/22/2019	08	-	1	1			0	0			24	0	0

**Coke Battery Combustion Stack, Opacity (%)**

Date	Codes		20% Standard				60% Standard				Valid Hours	Down Hours	Invalid Hours
	PC	MC	Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
02/23/2019	08	-	11	11			0	0			24	0	0
02/24/2019	08	-	100	100			0	0			24	0	0
02/25/2019	08	-	12	12			0	0			24	0	0
02/26/2019	08	-	29	29			0	0			24	0	0
02/27/2019	08	-	21	21			0	0			24	0	0
02/28/2019	08	-	77	77			17	0			24	0	0
03/01/2019	08	-	11	11			0	0			24	0	0
03/02/2019	08	-	23	23			0	0			24	0	0
03/03/2019	08	-	17	17			0	0			24	0	0
03/04/2019	08	-	50	50			0	0			24	0	0
03/05/2019	08	-	131	131			0	0			24	0	0
03/06/2019	08	-	150	150			0	0			24	0	0
03/07/2019	08	-	34	34			0	0			24	0	0
03/08/2019	08	-	41	41			0	0			24	0	0
03/09/2019	08	-	60	60			0	0			24	0	0
03/10/2019	08	-	188	188			0	0			24	0	0
03/11/2019	08	-	48	48			0	0			24	0	0
03/12/2019	-	-	0	0			0	0			24	0	0
03/13/2019	08	-	7	7			0	0			24	0	0
03/14/2019	08	-	19	19			0	0			24	0	0
03/15/2019	08	-	10	10			0	0			24	0	0
03/16/2019	08	-	14	14			0	0			24	0	0
03/17/2019	08	-	5	5			0	0			24	0	0
03/18/2019	08	-	4	4			0	0			24	0	0
03/19/2019	08	-	4	4			0	0			24	0	0
03/20/2019	08	-	98	98			0	0			24	0	0
03/21/2019	08	-	32	32			0	0			24	0	0
03/22/2019	08	-	68	68			0	0			24	0	0
03/23/2019	-	-	0	0			0	0			24	0	0
03/24/2019	08	-	26	26			0	0			24	0	0
03/25/2019	-	-	0	0			0	0			24	0	0
03/26/2019	08	-	20	20			0	0			24	0	0
03/27/2019	08	11	1	1			1	0			14	0	10
03/28/2019	08	11	9	9			0	0			13	0	11
03/29/2019	08	-	8	8			0	0			24	0	0
03/30/2019	08	-	1	1			0	0			24	0	0
03/31/2019	08	-	75	75			0	0			24	0	0
Totals:			8046	7436			39	0			2135	0	25

(1) For all hours (less 3 min/hr)

(3) Hours when 1st max > standard plus applicable tolerances

(2) Column (1) adjusted re Policy

(4) Column (3) adjusted re Policy

PROCESS CODES (PC)	01 = Changing Fuels	02 = Control Equipment Malfunction	03 = Starting Up
	04 = Shutting Down	05 = Changing Operating Level	06 = Cleaning Process Equipment
	07 = Cleaning Control Equipment	08 = Normal Operation	09 = Other
	9M = Process Malfunction		

MONITORING CODES (MC)	10 = Required Adjustment Not Made	11 = Excess Drift Primary Analyzer	12 = Excess Drift Ancillary Analyzer
	13 = Process Down	14 = Recalibration	15 = Preventative Maintenance
	16 = Primary Analyzer Malfunction	17 = Ancillary Analyzer Malfunction	18 = Data Handling System Malfunction
	19 = Sample Interface Malfunction	20 = Corrective Maintenance	21 = Other
	23 = Insufficient Data Available		

Received Calibration Error Test Results:

**Coke Battery Combustion Stack, Opacity (%)**

Analyzer	Description	Test Date	Test Index	% of Reference			Absolute		
				Low	Mid	High	Low	Mid	High
6730	Opacity %	28-MAR-19	1	0.10 %	0.20 %	0.20 %			

