



# INSPECTION REPORT

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Air Quality Program

Date(s) of Inspection: 21 May 2018	TV <input checked="" type="checkbox"/> SM <input type="checkbox"/> NM <input type="checkbox"/>	PA <input type="checkbox"/> GP <input type="checkbox"/> MEGA <input type="checkbox"/>	Permit #(s): 25-00029	Expiration Date: Feb 2018	Case #: 25-00029	PF ID #: 50751
Company Name: Erie Coke			Municipality: Erie City		County: Erie	
Plant Name: Erie Coke			Physical Location: 92 E Bay Dr		Federal ID - Plant Code #: 25-1547051-7	
Responsible Official: Tony Nearhoof				Mailing Address: PO Box 6180		
Title: Plant Superintendent				Erie PA 16512-6180		
Phone #(s): 814-454-0177						

### Mark (X) All Inspection Types That Apply To This Inspection:

<input type="checkbox"/> Full Compliance Evaluation (FCE)	<input type="checkbox"/> Plan Approval Inspection	<input type="checkbox"/> File Review (FR)
<input type="checkbox"/> Operating Permit Inspection (PI)	<input type="checkbox"/> Initial Permit Inspection (IPI)	<input checked="" type="checkbox"/> Complaint Inspection (CI)
<input checked="" type="checkbox"/> Routine/Partial (RTPT)	<input type="checkbox"/> Follow-Up Inspection (Ref. Date: _____)	<input type="checkbox"/> Sample Collection (SC)
<input type="checkbox"/> Minor Source(s) Inspection (RFD)	<input type="checkbox"/> Stack Test Observation	<input type="checkbox"/> Multi-Media Inspection (MM)
<input type="checkbox"/> Other:	<input type="checkbox"/> Announced	

Annual Compliance Certification Received: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received: 24 Oct 2017
AIMS Report Received: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received: 27 Feb 2018

### Mark (X) All Activities That Apply:

<input checked="" type="checkbox"/> File Review	<input type="checkbox"/> Pre-Inspection Briefing	<input checked="" type="checkbox"/> Exit Interview/Briefing
<input checked="" type="checkbox"/> Pre-Inspection Observations	<input type="checkbox"/> Check For New/Unreported Sources	<input type="checkbox"/> Sample(s) Collected
<input type="checkbox"/> Visible Emissions Observations	<input type="checkbox"/> Verify Operation of CEMS	<input type="checkbox"/> Other

**Comments/Recommendations:** Enforcement since last FCE  Yes  No (If yes, attach summary)

- During pre-inspection observations I was located directly downwind at 4th St and Reed St. I had no strong odors observed while located there.

- I arrived at the Erie Coke facility to gather information about the night of 19 May 2018. Strong odors were reported. Attached is a print of their COMS data for that evening.

I met with Tony Nearhoof and Randy Wiser from Erie Coke. Around 10:30pm on the 19th May 2018 they had a hot pile of coke that needed put out from their storage piles. That was the only thing out of the ordinary from normal procedures. While on site and before I came on the property the wind blew from the North East. I found no odors off property and no violations during my inspection.

Compliance Status:  In  Out  Pending  Awaiting Co. Report

Needs a Follow-Up Inspection?  Yes  No

Company Representative: ANTHONY J. NEARHOOF	Title: PLANT SUPERINTENDENT	Signature: 	Date: 5/21/18
DEP Representative: Dan Brady	Title: Air Quality Specialist	Signature: 	Date/Time: 21 May 2018

This document is official notification that a representative of the Department of Environmental Protection, Air Quality Program, inspected the identified site. The findings of this inspection are shown above and on any attached pages, and may include violations uncovered during the inspection. Violations may also be discovered upon review of sample results or from any additional review of Department records. Notification will be forthcoming, if such violations are noted.





# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/19/2018 20:00	11.65
05/19/2018 20:01	12.18
05/19/2018 20:02	12.22
05/19/2018 20:03	12.66
05/19/2018 20:04	12.73
05/19/2018 20:05	12.62
05/19/2018 20:06	12.43
05/19/2018 20:07	12.74
05/19/2018 20:08	12.73
05/19/2018 20:09	12.64
05/19/2018 20:10	12.66
05/19/2018 20:11	13.64
05/19/2018 20:12	12.36
05/19/2018 20:13	4.05
05/19/2018 20:14	2.61
05/19/2018 20:15	1.07
05/19/2018 20:16	1.07
05/19/2018 20:17	1.08
05/19/2018 20:18	1.09
05/19/2018 20:19	1.15
05/19/2018 20:20	1.16
05/19/2018 20:21	1.17
05/19/2018 20:22	1.26
05/19/2018 20:23	1.31
05/19/2018 20:24	1.32
05/19/2018 20:25	1.39
05/19/2018 20:26	1.40
05/19/2018 20:27	1.45
05/19/2018 20:28	1.47
05/19/2018 20:29	1.52

Stack1\_1MinuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00    **To:** 05/20/2018 06:00    **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49    **Location:** Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/19/2018 20:30	1.52
05/19/2018 20:31	1.58
05/19/2018 20:32	1.73
05/19/2018 20:33	2.76
05/19/2018 20:34	4.68
05/19/2018 20:35	4.36
05/19/2018 20:36	5.06
05/19/2018 20:37	5.43
05/19/2018 20:38	5.52
05/19/2018 20:39	5.41
05/19/2018 20:40	5.54
05/19/2018 20:41	5.65
05/19/2018 20:42	5.73
05/19/2018 20:43	5.62
05/19/2018 20:44	6.10
05/19/2018 20:45	6.68
05/19/2018 20:46	8.82
05/19/2018 20:47	10.94
05/19/2018 20:48	11.84
05/19/2018 20:49	12.51
05/19/2018 20:50	12.39
05/19/2018 20:51	12.71
05/19/2018 20:52	12.09
05/19/2018 20:53	6.63
05/19/2018 20:54	14.84
05/19/2018 20:55	9.98
05/19/2018 20:56	8.99
05/19/2018 20:57	8.69
05/19/2018 20:58	8.43
05/19/2018 20:59	8.31



# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1_Minute(s)
05/19/2018 21:00	8.70
05/19/2018 21:01	8.53
05/19/2018 21:02	9.23
05/19/2018 21:03	9.88
05/19/2018 21:04	9.58
05/19/2018 21:05	9.80
05/19/2018 21:06	9.78
05/19/2018 21:07	9.44
05/19/2018 21:08	9.87
05/19/2018 21:09	9.83
05/19/2018 21:10	5.92
05/19/2018 21:11	1.80
05/19/2018 21:12	1.68
05/19/2018 21:13	3.02
05/19/2018 21:14	4.84
05/19/2018 21:15	4.56
05/19/2018 21:16	5.10
05/19/2018 21:17	5.32
05/19/2018 21:18	5.64
05/19/2018 21:19	5.73
05/19/2018 21:20	5.68
05/19/2018 21:21	6.06
05/19/2018 21:22	6.66
05/19/2018 21:23	6.08
05/19/2018 21:24	6.02
05/19/2018 21:25	6.37
05/19/2018 21:26	6.39
05/19/2018 21:27	6.97
05/19/2018 21:28	7.57
05/19/2018 21:29	9.73

Stack1\_1minuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/19/2018 21:30	12.86
05/19/2018 21:31	13.74
05/19/2018 21:32	13.35
05/19/2018 21:33	7.64
05/19/2018 21:34	17.34
05/19/2018 21:35	11.34
05/19/2018 21:36	10.81
05/19/2018 21:37	10.77
05/19/2018 21:38	10.94
05/19/2018 21:39	11.02
05/19/2018 21:40	11.63
05/19/2018 21:41	11.91
05/19/2018 21:42	12.80
05/19/2018 21:43	13.77
05/19/2018 21:44	12.81
05/19/2018 21:45	5.26
05/19/2018 21:46	1.92
05/19/2018 21:47	1.67
05/19/2018 21:48	1.71
05/19/2018 21:49	1.68
05/19/2018 21:50	1.64
05/19/2018 21:51	1.69
05/19/2018 21:52	1.83
05/19/2018 21:53	3.28
05/19/2018 21:54	5.24
05/19/2018 21:55	5.54
05/19/2018 21:56	5.57
05/19/2018 21:57	5.93
05/19/2018 21:58	6.08
05/19/2018 21:59	6.38



# Opacity Filter Audit Report

## Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/19/2018 22:00	6.48
05/19/2018 22:01	6.57
05/19/2018 22:02	6.37
05/19/2018 22:03	6.18
05/19/2018 22:04	6.44
05/19/2018 22:05	6.57
05/19/2018 22:06	7.02
05/19/2018 22:07	7.04
05/19/2018 22:08	7.26
05/19/2018 22:09	7.65
05/19/2018 22:10	11.54
05/19/2018 22:11	14.44
05/19/2018 22:12	14.96
05/19/2018 22:13	10.70
05/19/2018 22:14	20.13
05/19/2018 22:15	14.05
05/19/2018 22:16	13.79
05/19/2018 22:17	13.48
05/19/2018 22:18	12.77
05/19/2018 22:19	13.68
05/19/2018 22:20	14.38
05/19/2018 22:21	14.51
05/19/2018 22:22	14.82
05/19/2018 22:23	13.51
05/19/2018 22:24	12.30
05/19/2018 22:25	12.58
05/19/2018 22:26	12.46
05/19/2018 22:27	12.57
05/19/2018 22:28	12.55
05/19/2018 22:29	13.60

Stack1\_1minuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/19/2018 22:30	13.52
05/19/2018 22:31	13.75
05/19/2018 22:32	13.36
05/19/2018 22:33	7.04
05/19/2018 22:34	16.92
05/19/2018 22:35	14.86
05/19/2018 22:36	15.07
05/19/2018 22:37	15.57
05/19/2018 22:38	15.80
05/19/2018 22:39	16.48
05/19/2018 22:40	15.90
05/19/2018 22:41	15.58
05/19/2018 22:42	10.30
05/19/2018 22:43	9.12
05/19/2018 22:44	10.07
05/19/2018 22:45	11.05
05/19/2018 22:46	12.19
05/19/2018 22:47	12.83
05/19/2018 22:48	12.82
05/19/2018 22:49	13.73
05/19/2018 22:50	13.53
05/19/2018 22:51	14.12
05/19/2018 22:52	12.74
05/19/2018 22:53	6.18
05/19/2018 22:54	14.38
05/19/2018 22:55	9.52
05/19/2018 22:56	9.72
05/19/2018 22:57	9.85
05/19/2018 22:58	10.29
05/19/2018 22:59	10.41





# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
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Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/19/2018 23:00	10.97
05/19/2018 23:01	11.14
05/19/2018 23:02	10.81
05/19/2018 23:03	12.06
05/19/2018 23:04	11.93
05/19/2018 23:05	11.66
05/19/2018 23:06	11.39
05/19/2018 23:07	11.26
05/19/2018 23:08	11.57
05/19/2018 23:09	11.88
05/19/2018 23:10	12.16
05/19/2018 23:11	12.08
05/19/2018 23:12	11.23
05/19/2018 23:13	6.80
05/19/2018 23:14	16.43
05/19/2018 23:15	14.43
05/19/2018 23:16	14.85
05/19/2018 23:17	14.64
05/19/2018 23:18	15.09
05/19/2018 23:19	15.27
05/19/2018 23:20	15.61
05/19/2018 23:21	15.93
05/19/2018 23:22	16.66
05/19/2018 23:23	17.17
05/19/2018 23:24	17.32
05/19/2018 23:25	17.67
05/19/2018 23:26	17.26
05/19/2018 23:27	17.71
05/19/2018 23:28	17.38
05/19/2018 23:29	17.62

Stack1\_1MinuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/19/2018 23:30	18.11
05/19/2018 23:31	17.81
05/19/2018 23:32	16.81
05/19/2018 23:33	7.98
05/19/2018 23:34	16.60
05/19/2018 23:35	7.20
05/19/2018 23:36	5.86
05/19/2018 23:37	5.64
05/19/2018 23:38	6.09
05/19/2018 23:39	5.50
05/19/2018 23:40	5.82
05/19/2018 23:41	6.00
05/19/2018 23:42	4.21
05/19/2018 23:43	1.30
05/19/2018 23:44	1.28
05/19/2018 23:45	1.28
05/19/2018 23:46	1.33
05/19/2018 23:47	1.40
05/19/2018 23:48	1.47
05/19/2018 23:49	1.52
05/19/2018 23:50	1.58
05/19/2018 23:51	1.82
05/19/2018 23:52	2.37
05/19/2018 23:53	4.84
05/19/2018 23:54	9.03
05/19/2018 23:55	8.31
05/19/2018 23:56	5.04
05/19/2018 23:57	5.15
05/19/2018 23:58	4.45
05/19/2018 23:59	4.11



# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
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Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 00:00	3.52
05/20/2018 00:01	3.59
05/20/2018 00:02	3.50
05/20/2018 00:03	4.15
05/20/2018 00:04	4.09
05/20/2018 00:05	4.29
05/20/2018 00:06	4.45
05/20/2018 00:07	4.49
05/20/2018 00:08	4.51
05/20/2018 00:09	4.99
05/20/2018 00:10	4.84
05/20/2018 00:11	4.86
05/20/2018 00:12	5.13
05/20/2018 00:13	1.08
05/20/2018 00:14	0.99
05/20/2018 00:15	0.89
05/20/2018 00:16	0.89
05/20/2018 00:17	0.90
05/20/2018 00:18	0.93
05/20/2018 00:19	0.94
05/20/2018 00:20	0.93
05/20/2018 00:21	1.00
05/20/2018 00:22	1.10
05/20/2018 00:23	1.25
05/20/2018 00:24	1.36
05/20/2018 00:25	1.39
05/20/2018 00:26	1.41
05/20/2018 00:27	1.45
05/20/2018 00:28	1.40
05/20/2018 00:29	1.50

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
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Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/20/2018 00:30	1.46
05/20/2018 00:31	1.54
05/20/2018 00:32	1.68
05/20/2018 00:33	1.99
05/20/2018 00:34	3.90
05/20/2018 00:35	3.93
05/20/2018 00:36	3.67
05/20/2018 00:37	4.64
05/20/2018 00:38	4.51
05/20/2018 00:39	3.70
05/20/2018 00:40	3.32
05/20/2018 00:41	2.92
05/20/2018 00:42	3.31
05/20/2018 00:43	3.06
05/20/2018 00:44	3.10
05/20/2018 00:45	3.03
05/20/2018 00:46	3.39
05/20/2018 00:47	4.16
05/20/2018 00:48	3.96
05/20/2018 00:49	4.49
05/20/2018 00:50	4.09
05/20/2018 00:51	4.21
05/20/2018 00:52	5.15
05/20/2018 00:53	2.41
05/20/2018 00:54	2.82
05/20/2018 00:55	2.75
05/20/2018 00:56	2.71
05/20/2018 00:57	2.54
05/20/2018 00:58	3.21
05/20/2018 00:59	2.96



# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
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Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1_Minute(\$)
05/20/2018 01:00	2.71
05/20/2018 01:01	2.90
05/20/2018 01:02	2.88
05/20/2018 01:03	3.17
05/20/2018 01:04	3.24
05/20/2018 01:05	3.33
05/20/2018 01:06	3.26
05/20/2018 01:07	3.16
05/20/2018 01:08	2.85
05/20/2018 01:09	2.97
05/20/2018 01:10	2.89
05/20/2018 01:11	2.71
05/20/2018 01:12	2.55
05/20/2018 01:13	2.56
05/20/2018 01:14	3.87
05/20/2018 01:15	5.16
05/20/2018 01:16	3.83
05/20/2018 01:17	4.14
05/20/2018 01:18	4.18
05/20/2018 01:19	4.56
05/20/2018 01:20	4.66
05/20/2018 01:21	3.85
05/20/2018 01:22	3.00
05/20/2018 01:23	2.59
05/20/2018 01:24	2.81
05/20/2018 01:25	2.75
05/20/2018 01:26	2.81
05/20/2018 01:27	2.88
05/20/2018 01:28	3.23
05/20/2018 01:29	3.14

Stack1\_1minuteData

# Opacity Filter Audit Report Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
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Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 01:30	3.20
05/20/2018 01:31	4.05
05/20/2018 01:32	4.70
05/20/2018 01:33	2.08
05/20/2018 01:34	1.96
05/20/2018 01:35	1.48
05/20/2018 01:36	1.59
05/20/2018 01:37	1.51
05/20/2018 01:38	1.69
05/20/2018 01:39	1.83
05/20/2018 01:40	1.88
05/20/2018 01:41	1.84
05/20/2018 01:42	2.36
05/20/2018 01:43	2.43
05/20/2018 01:44	2.35
05/20/2018 01:45	1.17
05/20/2018 01:46	1.10
05/20/2018 01:47	1.15
05/20/2018 01:48	1.14
05/20/2018 01:49	1.24
05/20/2018 01:50	1.24
05/20/2018 01:51	1.32
05/20/2018 01:52	1.43
05/20/2018 01:53	1.47
05/20/2018 01:54	2.50
05/20/2018 01:55	2.79
05/20/2018 01:56	2.93
05/20/2018 01:57	3.62
05/20/2018 01:58	4.22
05/20/2018 01:59	4.94

Stack1\_1MinuteData

# Opacity Filter Audit Report

## Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(S)
05/20/2018 02:00	5.12
05/20/2018 02:01	6.35
05/20/2018 02:02	5.62
05/20/2018 02:03	6.09
05/20/2018 02:04	5.89
05/20/2018 02:05	6.07
05/20/2018 02:06	6.31
05/20/2018 02:07	6.40
05/20/2018 02:08	6.49
05/20/2018 02:09	6.59
05/20/2018 02:10	6.79
05/20/2018 02:11	7.02
05/20/2018 02:12	6.86
05/20/2018 02:13	2.69
05/20/2018 02:14	2.98
05/20/2018 02:15	1.74
05/20/2018 02:16	1.48
05/20/2018 02:17	1.67
05/20/2018 02:18	1.62
05/20/2018 02:19	1.61
05/20/2018 02:20	1.73
05/20/2018 02:21	1.75
05/20/2018 02:22	1.92
05/20/2018 02:23	2.06
05/20/2018 02:24	1.54
05/20/2018 02:25	2.13
05/20/2018 02:26	1.00
05/20/2018 02:27	0.93
05/20/2018 02:28	1.21
05/20/2018 02:29	2.55

Stack1\_1minuteData

# Opacity Filter Audit Report Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/20/2018 02:30	1.99
05/20/2018 02:31	1.01
05/20/2018 02:32	1.16
05/20/2018 02:33	1.70
05/20/2018 02:34	2.31
05/20/2018 02:35	2.26
05/20/2018 02:36	2.26
05/20/2018 02:37	2.38
05/20/2018 02:38	2.43
05/20/2018 02:39	2.54
05/20/2018 02:40	2.83
05/20/2018 02:41	2.89
05/20/2018 02:42	3.16
05/20/2018 02:43	3.36
05/20/2018 02:44	4.28
05/20/2018 02:45	5.34
05/20/2018 02:46	5.82
05/20/2018 02:47	5.85
05/20/2018 02:48	5.77
05/20/2018 02:49	5.98
05/20/2018 02:50	6.36
05/20/2018 02:51	6.59
05/20/2018 02:52	6.25
05/20/2018 02:53	2.32
05/20/2018 02:54	2.12
05/20/2018 02:55	1.21
05/20/2018 02:56	1.25
05/20/2018 02:57	1.31
05/20/2018 02:58	1.26
05/20/2018 02:59	1.41

Stack1\_1MinuteData





# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 03:00	1.31
05/20/2018 03:01	1.43
05/20/2018 03:02	1.51
05/20/2018 03:03	1.17
05/20/2018 03:04	0.84
05/20/2018 03:05	0.88
05/20/2018 03:06	2.19
05/20/2018 03:07	3.99
05/20/2018 03:08	4.42
05/20/2018 03:09	1.91
05/20/2018 03:10	1.03
05/20/2018 03:11	1.05
05/20/2018 03:12	1.25
05/20/2018 03:13	1.34
05/20/2018 03:14	2.24
05/20/2018 03:15	2.70
05/20/2018 03:16	3.03
05/20/2018 03:17	4.01
05/20/2018 03:18	5.13
05/20/2018 03:19	5.49
05/20/2018 03:20	5.62
05/20/2018 03:21	5.90
05/20/2018 03:22	6.13
05/20/2018 03:23	6.12
05/20/2018 03:24	6.13
05/20/2018 03:25	6.45
05/20/2018 03:26	6.51
05/20/2018 03:27	6.55
05/20/2018 03:28	6.66
05/20/2018 03:29	6.95

Stack1\_1minuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 03:30	7.02
05/20/2018 03:31	7.20
05/20/2018 03:32	7.24
05/20/2018 03:33	1.73
05/20/2018 03:34	0.80
05/20/2018 03:35	0.76
05/20/2018 03:36	0.80
05/20/2018 03:37	0.87
05/20/2018 03:38	0.84
05/20/2018 03:39	0.88
05/20/2018 03:40	0.86
05/20/2018 03:41	0.86
05/20/2018 03:42	0.90
05/20/2018 03:43	0.81
05/20/2018 03:44	0.84
05/20/2018 03:45	0.89
05/20/2018 03:46	0.95
05/20/2018 03:47	1.03
05/20/2018 03:48	1.15
05/20/2018 03:49	1.62
05/20/2018 03:50	1.84
05/20/2018 03:51	2.02
05/20/2018 03:52	2.03
05/20/2018 03:53	1.82
05/20/2018 03:54	4.88
05/20/2018 03:55	5.07
05/20/2018 03:56	5.23
05/20/2018 03:57	5.54
05/20/2018 03:58	5.71
05/20/2018 03:59	5.77

Stack1\_1MinuteData

# Opacity Filter Audit Report

## Stack 1



From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 04:00	5.90
05/20/2018 04:01	6.09
05/20/2018 04:02	6.13
05/20/2018 04:03	6.27
05/20/2018 04:04	6.40
05/20/2018 04:05	6.49
05/20/2018 04:06	6.67
05/20/2018 04:07	6.60
05/20/2018 04:08	6.78
05/20/2018 04:09	6.74
05/20/2018 04:10	7.06
05/20/2018 04:11	7.01
05/20/2018 04:12	7.08
05/20/2018 04:13	2.56
05/20/2018 04:14	2.43
05/20/2018 04:15	1.28
05/20/2018 04:16	1.36
05/20/2018 04:17	1.41
05/20/2018 04:18	1.43
05/20/2018 04:19	1.54
05/20/2018 04:20	1.58
05/20/2018 04:21	1.63
05/20/2018 04:22	1.76
05/20/2018 04:23	1.86
05/20/2018 04:24	1.76
05/20/2018 04:25	1.74
05/20/2018 04:26	1.90
05/20/2018 04:27	1.78
05/20/2018 04:28	1.75
05/20/2018 04:29	1.90

Stack1\_1minuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct 1 Minute(s)
05/20/2018 04:30	1.94
05/20/2018 04:31	1.89
05/20/2018 04:32	1.95
05/20/2018 04:33	1.80
05/20/2018 04:34	4.18
05/20/2018 04:35	4.07
05/20/2018 04:36	3.76
05/20/2018 04:37	4.21
05/20/2018 04:38	4.40
05/20/2018 04:39	4.51
05/20/2018 04:40	4.58
05/20/2018 04:41	4.64
05/20/2018 04:42	4.91
05/20/2018 04:43	5.12
05/20/2018 04:44	5.05
05/20/2018 04:45	5.27
05/20/2018 04:46	4.83
05/20/2018 04:47	4.85
05/20/2018 04:48	3.07
05/20/2018 04:49	2.90
05/20/2018 04:50	2.99
05/20/2018 04:51	3.11
05/20/2018 04:52	3.04
05/20/2018 04:53	0.91
05/20/2018 04:54	0.83
05/20/2018 04:55	0.85
05/20/2018 04:56	0.91
05/20/2018 04:57	0.92
05/20/2018 04:58	0.93
05/20/2018 04:59	1.01



# Opacity Filter Audit Report Stack 1

From: 05/19/2018 20:00 To: 05/20/2018 06:00 Facility Name: Erie Coke Corporation  
Generated: 05/21/2018 13:49 Location: Erie, PA

Red = Sample Invalid

Date/Time	Stack 1 Opac, Pct	1 Minute(s)
05/20/2018 05:00	1.08	1.08
05/20/2018 05:01	1.08	1.08
05/20/2018 05:02	1.13	1.13
05/20/2018 05:03	0.97	0.97
05/20/2018 05:04	1.04	1.04
05/20/2018 05:05	1.20	1.20
05/20/2018 05:06	1.13	1.13
05/20/2018 05:07	1.00	1.00
05/20/2018 05:08	0.91	0.91
05/20/2018 05:09	0.96	0.96
05/20/2018 05:10	0.97	0.97
05/20/2018 05:11	1.03	1.03
05/20/2018 05:12	1.22	1.22
05/20/2018 05:13	1.23	1.23
05/20/2018 05:14	1.44	1.44
05/20/2018 05:15	1.55	1.55
05/20/2018 05:16	1.71	1.71
05/20/2018 05:17	1.85	1.85
05/20/2018 05:18	1.88	1.88
05/20/2018 05:19	1.99	1.99
05/20/2018 05:20	2.03	2.03
05/20/2018 05:21	2.17	2.17
05/20/2018 05:22	2.25	2.25
05/20/2018 05:23	2.40	2.40
05/20/2018 05:24	2.60	2.60
05/20/2018 05:25	3.03	3.03
05/20/2018 05:26	3.81	3.81
05/20/2018 05:27	4.62	4.62
05/20/2018 05:28	5.63	5.63
05/20/2018 05:29	5.97	5.97

Stack1\_1minuteData

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = sample invalid

Stack 1	
Date/Time	Opac, Pct 1 Minute(s)
05/20/2018 05:30	6.33
05/20/2018 05:31	6.20
05/20/2018 05:32	6.38
05/20/2018 05:33	2.13
05/20/2018 05:34	1.83
05/20/2018 05:35	1.01
05/20/2018 05:36	1.03
05/20/2018 05:37	1.05
05/20/2018 05:38	1.05
05/20/2018 05:39	1.16
05/20/2018 05:40	1.09
05/20/2018 05:41	1.13
05/20/2018 05:42	1.09
05/20/2018 05:43	1.13
05/20/2018 05:44	1.23
05/20/2018 05:45	1.19
05/20/2018 05:46	1.26
05/20/2018 05:47	1.24
05/20/2018 05:48	1.22
05/20/2018 05:49	1.39
05/20/2018 05:50	1.76
05/20/2018 05:51	1.61
05/20/2018 05:52	1.20
05/20/2018 05:53	2.25
05/20/2018 05:54	1.88
05/20/2018 05:55	1.44
05/20/2018 05:56	1.57
05/20/2018 05:57	1.68
05/20/2018 05:58	1.84
05/20/2018 05:59	1.85

# Opacity Filter Audit Report

## Stack 1



**From:** 05/19/2018 20:00 **To:** 05/20/2018 06:00 **Facility Name:** Erie Coke Corporation  
**Generated:** 05/21/2018 13:49 **Location:** Erie, PA

Red = Sample Invalid

Stack 1  
Opac, Pct  
Date/Time ..... 1 Minute(s)  
05/20/2018 06:00 ..... 1.93

Valid Data Points 601  
Average: 5.38

