



April 2, 2021

Samuel Lieblich, P.E.
Region II Air Pollution Control Engineer
NYS DEC Region II
47-40 21st Street
Long Island City, NY 11101-5407

Re: North River WRRF
DEC ID: 2-6202-00007
Part 201 Air Facility Title V Permit
Quarterly Opacity Monitoring Report
Fourth Quarter of 2020

Dear Mr. Lieblich:

The New York City Department of Environmental Protection (DEP) hereby submits to the New York State Department of Environmental Conservation (DEC) the North River Wastewater Resource Recovery Facility's (WRRF) Fourth Quarter of 2020 Continuous Opacity Monitoring (COM) Report for the five pump engines. This report is submitted as required by Condition 3, Item 34.2 of the WRRF Part 201 Title V Air Facility Permit.

DEP conducted an investigation of all the 6-minute average opacity events greater than 20% for the Fourth Quarter of 2020, and was able to identify the possible causes for all of the events except six 6-minute average opacity exceedances at Pump Engine 4 on 11/11/2020.

CHRONOLOGICAL REVIEW OF OPACITY EVENTS GREATER THAN 20%

The following list is a chronological review of DEP's operational record that verifies the likely causes of 6-minute average greater than 20% opacity events in the report for each Pump Engine at the WRRF.

Pump Engine 1

11/15/2020	Operational record indicated that six 6-minute average >20% but ≤ 27% or >27% exceedances may have been caused by engine start up.
11/15/2020	Operational record indicated that two 6-minute average >27% exceedances may have been caused by engine start up.
11/20/2020	Operational record indicated that two 6-minute average >20% but ≤ 27% exceedances may have been caused by engine start up.
11/27/2020	Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by maintenance.

Vincent Sapienza, P.E.
Commissioner

Pam Elardo, P.E.
Deputy Commissioner

Bureau of Wastewater Treatment

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- 11/27/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by maintenance.
- 12/07/2020 Operational record indicated that three 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by maintenance.
- 12/09/2020 Operational record indicated that three 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by maintenance.
- 12/28/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine maintenance.

Pump Engine 2

- 10/12/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 10/16/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 11/04/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 12/04/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.

Pump Engine 3

This Pump Engine 3 ceased operation on June 23, 2019 as the cogeneration project progressed.

Pump Engine 4

- 10/29/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 11/11/2020 DEP investigation found that operator noticed higher than usual turbo air temperature reading during the time of the six 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances occurred. These exceedances may have been caused by engine malfunction.
- 11/12/2020 Operational record indicated that three 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine start up.

Pump Engine 5

12/25/2020 Operational record indicated that two 6-minute average >20% but $\leq 27\%$ exceedances may have been caused by engine start up.

If you need any additional information, please feel free to contact Theresa Tam, Chief of Division of Operation Support at (718) 595-5056.

Very truly yours,

Elardo, Pamela

Pamela Elardo, P.E.
Deputy Commissioner

Attachment

c: Thomas John (DEC Region II, w/o attachments)
Robert Bolt (DEC Region II, w/o attachments)
Paresh Shah (DEC Region II, w/o attachments)

North River Wastewater Resource Recovery Facility

Quarterly Opacity Continuous Monitoring Report for Fourth Quarter of 2020

Submitted by:

New York City Department of Environmental Protection

96-05 Horace Harding Expressway, 2nd floor
Corona, New York 11368

Prepared by:

Louis Berger & Assoc., P.C.

96 Morton Street, 8th Floor
New York, NY 10011

On Behalf of:

New York City Department of Environmental Protection

February 10, 2021

Fourth Quarter 2020
Project No. 2041797.00.00





Louis Berger

96 Morton Street, 8th Floor, New York, NY 10011
Tel: (212) 612-7900 Fax: (212) 363-4341

Re: QA QC Certification

I have reviewed the attached report entitled "Quarterly Hydrogen Sulfide Continuous Monitoring Report for Fourth Quarter of 2020". Based on my inquiry of those individuals with primary responsibility for obtaining such information, I certify that these statements and information are to the best of my knowledge and belief true, accurate and complete.

Steven Eget, PE, CEM
License No. 078606-1





Introduction

Pursuant to the Condition 32, Item 32.2 of the New York City Department of Environmental Protection Agency (NYCDEP) North River Wastewater Resource Recovery Facility (NRWRRF) Air Title V Facility Permit Renew 2 effective December 23, 2019, Louis Berger & Assoc., P.C. (Berger) monitored exhaust opacity from the plant's four operating pump engines, located at West 135th Street and the Hudson River, New York, New York. The Opacity Analyzers are located on the stacks for each of the five pump engines, approximately twenty-five feet above the surface of Riverbank State Park, which is on the roof of the plant. Pump Engine 3 ceased operation on June 23, 2019 and is in the process of being decommissioned at the time of the issuance of report.

Data collection and daily calibration are generated by a Data Acquisition System (DAS). This DAS will, in cases of 6-minute average opacity exceeding 20%, trigger an audio alarm in the plant control room to alert the plant operators on duty.

The existing AMETEK's Land Model 4500 MkIII opacity analyzers were installed January 5, 2017 through February 12, 2017.

As the plant's Co-Generation construction project progressed, nine (9) new APG-Neuros Model: NX350-C100 electric blowers were installed and have been in operation since January 30, 2018, along with the plant's existing electrical blower. The plant's existing Blower Engine BE 1 ceased operation January 4, 2018 and BE 5 ceased operation January 12, 2018. The BE 2 has not been in operation since November 1, 2017, BE 3 and BE 4 have been out of service since they were damaged in a fire incident on July 20, 2011. However, these three Blower Engines' opacity monitors were kept operational for equipment maintenance purpose only. As NYCDEP informed New York State Department of Environmental Conservation (NYSDEC) on March 26, 2019, all Blower Engines Continuous Opacity Monitoring equipment stopped operation on April 1, 2019.

This report documents the operation of the opacity analyzers as required in the NRWRRF Air Title V Facility Permit for the fourth quarter of 2020. The operation followed the United States Environmental Protection Agency (USEPA) 40 CFR Part 60 Performance Specification 1 and USEPA Procedure 3 – Quality Assurance Requirements for Continuous Opacity Monitoring Systems at Stationary Sources as described in the project's QA/QC manual.

The report includes the following sections:

- Description of QA/QC Checks
- Daily Calibration Report
- Discussion of Results
- Six Minute Opacity Exceedances
- Six Minute Averages
- Data Availability



- Quarterly Filter Audit
- QA/QC for Equipment
- Additional Maintenance

The quarterly calibration error test determines if the analyzer is accurately calibrated.

The daily calibration results determine if the analyzer calibration has drifted outside the limits of the calibration error test.

The six-minute opacity exceedances report lists all of the data above the limits set by the USEPA and the New York State Department of Environmental Conservation (NYSDEC). The six-minute averages report lists all of the data generated during the quarter.

The Discussion of Results section provides tables including percentage of valid data and the maximum, minimum and average six-minute average opacity values during the quarter for each opacity monitor.

Description of QA/QC Checks

USEPA Procedure 3 - Quality Assurance Requirements for Continuous Opacity Monitoring Systems at Stationary Sources - requires all compliance opacity analyzers to undergo a three-point calibration error test every calendar quarter. This test must use an External Zero Device (EZD) and three calibrated neutral density filters. The Quarterly Calibration Error Test requires the installation of an EZD. The EZD allows the operator to check the zero-point stability, perform a calibration audit, or to perform a recalibration in accordance with 40 CFR 60 Appendix F Procedure 3, while the process is running and a clear path is not available. The EZD is configured for a specific instrument.

Neutral Density Filters establish a fixed operating point on the basic operating range. The filter values are in neutral opacity density and calibrated in percent opacity. These calibration filters are traceable to the US Department of Commerce National Institute of Standards and Technology (NIST). With the calibration EZD in place, the optical density filters are placed in the EZD. A 'low', 'medium', and 'high' optical density filter is used to check the system calibration. Each filter is sequentially placed in the EZD. This is repeated three times for each filter. The filter values must meet the USEPA's performance criteria of plus or minus two percent opacity.

The data system records one-minute averages. Each filter is left in the EZD for a minimum of three minutes, assuring the data system will collect a valid one-minute data point. The opacity DAS records and stores each filter value. In instances where a malfunction has occurred or when daily calibration fails, an audit check will be performed.



Daily Calibration Report

The Daily Calibration Report provides information on the maximum zero and span drift of each of the opacity analyzers. The DAS automatically initiates a zero and span check every day at seven o'clock am. The DAS records the actual zero and span values and compares them with the expected zero and span values. The zero and span drift must meet 40 CFR Part 60 requirements of less than four percent of full scale (100%). If the drift is greater than four percent of full scale, the DAS displays an alarm on the PC screen and all the subsequent data is automatically tagged 'out of cal' until the next successful calibration. If the zero and span check drift is greater than two percent of full scale, a calibration drift warning alarm is displayed on the PC screen.

The time that the data is tagged 'out of cal' is subtracted from the total valid operational time to calculate data availability. Partial 6 minutes monitoring data is reported with flag (<Samp) and is not included in statistical calculations.

Discussion of Results

Berger performed QA/QC of the data and removed opacity exceedances or any readings associated with equipment malfunction, service maintenance etc. and did not identify any issues that would invalidate the exceedances presented in this report. Data collected during periods of maintenance are not considered valid and were removed during Berger's QA/QC process.

	PE 1	PE 2	PE 3	PE 4	PE 5
Minimum	-2.0	-1.6	N/A	-1.8	-0.8
Date of Minimum	10/30/2020	11/30/2020	N/A	12/25/2020	12/1/2020
Time of Minimum	9:36 AM	11:48 PM	N/A	1:06 PM	9:18 AM
Maximum	57.8	26.2	N/A	78.1	23.8
Date of Maximum	11/15/2020	11/4/2020	N/A	11/11/2020	12/25/2020
Time of Maximum	10:18 AM	10:18 AM	N/A	8:12 PM	12:36 AM
Average	0.7	1.2	N/A	0.4	1.3
% Valid	94.8%	99.2%	N/A	99.2%	99.2%



	PE 1	PE 2	PE 3	PE 4	PE 5
% Out of Service	5.1%	0.7%	N/A	0.7%	0.7%
% Calibrations and Maintenance	0.1%	0.1%	N/A	0.1%	0.1%

Six Minute Opacity Exceedances

The DAS collects one minute and six minute opacity averages. The six minute averages above twenty percent are flagged. The DAS displays an alarm on the PC screen and also generates an audible alarm through the PC's speaker in the control room in the event of a six minute alarm.

Data Availability

The DAS collects all of the operating data on the opacity analyzers and calculates data availability. The time that analyzers are in calibration, invalid or missing is subtracted from the total monitoring period. During the fourth quarter of 2020, valid data capture ranged from 94.8% to 99.2% for Pump Engines.

The percent valid data capture for PE1 is 94.8% due to the fact that it failed daily calibration 2 days in a row over the Christmas Holidays and it was serviced as soon as it was possible.

Quarterly Filter Audit

Quarterly filter audits were performed on December 22nd, 2020 for all the Pump Engines. Data collected during times when audits were performed are not included in the calculation of "Percent Valid Data" and are flagged with an "Audit". The audit reports are included in Appendix D.

QA QC for Equipment

During the fourth quarter of 2020, Berger performed the following QA/QC procedures for four pump engines.

- The alignment for all the equipment was checked and adjusted on a weekly basis, and as needed.
- The filters of the unit were cleaned and checked for all of the equipment once a quarter, and as needed.
- The optics of transreceiver and retro reflector for each piece of equipment were cleaned and checked on a weekly basis, and as needed.



- The blower path for each of the pump engines was checked to make sure the path was clear on a weekly basis, and as needed.

**Additional Maintenance Performed**

During the fourth quarter of 2020, routine maintenance and clean-up were performed on a weekly basis and as needed for all the analyzers. Data collected during times when maintenance was being performed is flagged with “Maintain”. Those data points are not included in the calculation of “Percent Valid Data”.

Record Reconciliation and Software Communication Problem

None for this quarter.



The following Appendices are included in the report for all five Pump Engines:

- Appendix A: Daily Calibration Report
- Appendix B: 6 Minutes Exceedances Report
- Appendix C: 6 Minutes Opacity Data
- Appendix D: Quarterly Audit Data
- Appendix E: Weekly Maintenance
- Appendix F: Neutral Density Audit Filters Certification

APPENDIX A

DAILY CALIBRATION REPORT

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031

Data Group: Valid Calibration Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
10/1/2020 12:04 PM	Pump Engine 4	%	0	-0.1	-0.1	0	26	26.048	0.05	0.18	0.01	-0.1	0.99	Pass
10/1/2020 12:04 PM	Pump Engine 1	%	0	0.5	0.5	0	26.8	26.758	-0.04	-0.16	0	0.5	1.02	Pass
10/1/2020 12:04 PM	Pump Engine 2	%	0	-0.145	-0.15	0.01	26.6	26.543	-0.06	-0.21	0.01	-0.15	1	Pass
10/1/2020 12:04 PM	Pump Engine 5	%	0	-0.1	-0.1	0	26.3	26.145	-0.15	-0.59	0.01	-0.1	1	Pass
10/2/2020 12:04 PM	Pump Engine 2	%	0	0.063	0.06	0	26.6	26.535	-0.07	-0.24	0.01	0.06	1	Pass
10/2/2020 12:04 PM	Pump Engine 1	%	0	-0.118	-0.12	0	26.8	26.738	-0.06	-0.23	0	-0.12	1	Pass
10/2/2020 12:04 PM	Pump Engine 5	%	0	-0.01	-0.01	0	26.3	26.14	-0.16	-0.61	0	-0.01	1.01	Pass
10/2/2020 12:04 PM	Pump Engine 4	%	0	0.035	0.04	0.01	26	26.038	0.04	0.15	0.01	0.04	1	Pass
10/3/2020 12:04 PM	Pump Engine 1	%	0	0.11	0.11	0	26.8	26.748	-0.05	-0.19	0	0.11	1.01	Pass
10/3/2020 12:04 PM	Pump Engine 4	%	0	-0.028	-0.03	0	26	26.045	0.05	0.17	0.01	-0.03	1	Pass
10/3/2020 12:04 PM	Pump Engine 5	%	0	-0.073	-0.07	0	26.3	26.14	-0.16	-0.61	0	-0.07	1	Pass
10/3/2020 12:04 PM	Pump Engine 2	%	0	-0.103	-0.1	0	26.6	26.51	-0.09	-0.34	0.02	-0.1	1	Pass
10/4/2020 12:04 PM	Pump Engine 1	%	0	-0.013	-0.01	0	26.8	26.75	-0.05	-0.19	0	-0.01	1	Pass
10/4/2020 12:04 PM	Pump Engine 4	%	0	-0.005	-0.01	0.01	26	26.025	0.02	0.1	0.01	-0.01	1	Pass
10/4/2020 12:04 PM	Pump Engine 2	%	0	0.005	0.01	0.01	26.6	26.505	-0.1	-0.36	0.01	0.01	1	Pass
10/4/2020 12:04 PM	Pump Engine 5	%	0	-0.018	-0.02	0	26.3	26.148	-0.15	-0.58	0	-0.02	1.01	Pass
10/5/2020 12:04 PM	Pump Engine 5	%	0	0.03	0.03	0	26.3	26.15	-0.15	-0.57	0	0.03	1.01	Pass
10/5/2020 12:04 PM	Pump Engine 2	%	0	0.02	0.02	0	26.6	26.498	-0.1	-0.38	0.01	0.02	1	Pass
10/5/2020 12:04 PM	Pump Engine 4	%	0	0.02	0.02	0.01	26	26.04	0.04	0.15	0.01	0.02	1	Pass
10/5/2020 12:04 PM	Pump Engine 1	%	0	0.043	0.04	0	26.8	26.755	-0.05	-0.17	0.01	0.04	1	Pass
10/6/2020 12:04 PM	Pump Engine 4	%	0	0.01	0.01	0	26	26.03	0.03	0.12	0.01	0.01	1	Pass
10/6/2020 12:04 PM	Pump Engine 1	%	0	0.03	0.03	0	26.8	26.748	-0.05	-0.19	0	0.03	1	Pass
10/6/2020 12:04 PM	Pump Engine 2	%	0	0.053	0.05	0	26.6	26.51	-0.09	-0.34	0.01	0.05	1.01	Pass
10/6/2020 12:04 PM	Pump Engine 5	%	0	0.028	0.03	0	26.3	26.15	-0.15	-0.57	0	0.03	1.01	Pass
10/7/2020 12:04 PM	Pump Engine 2	%	0	0.02	0.02	0.01	26.6	26.5	-0.1	-0.38	0.01	0.02	1	Pass
10/7/2020 12:04 PM	Pump Engine 1	%	0	0.29	0.29	0	26.8	26.753	-0.05	-0.18	0	0.29	1.01	Pass
10/7/2020 12:04 PM	Pump Engine 5	%	0	0.03	0.03	0	26.3	26.145	-0.15	-0.59	0.01	0.03	1.01	Pass
10/7/2020 12:04 PM	Pump Engine 4	%	0	0.05	0.05	0	26	26.043	0.04	0.17	0	0.05	1	Pass
10/8/2020 12:04 PM	Pump Engine 5	%	0	-0.08	-0.08	0	26.3	26.143	-0.16	-0.6	0	-0.08	1	Pass
10/8/2020 12:04 PM	Pump Engine 4	%	0	-0.033	-0.03	0.01	26	26.04	0.04	0.15	0	-0.03	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
10/8/2020 12:04 PM	Pump Engine 1	%	0	-0.098	-0.1	0	26.8	26.755	-0.05	-0.17	0.01	-0.1	1	Pass
10/8/2020 12:04 PM	Pump Engine 2	%	0	0.003	0	0.01	26.6	26.51	-0.09	-0.34	0.01	0	1	Pass
10/9/2020 12:04 PM	Pump Engine 2	%	0	0	0	0.01	26.6	26.483	-0.12	-0.44	0.01	0	1	Pass
10/9/2020 12:04 PM	Pump Engine 5	%	0	-0.03	-0.03	0	26.3	26.145	-0.15	-0.59	0.01	-0.03	1	Pass
10/9/2020 12:04 PM	Pump Engine 1	%	0	0.095	0.1	0.01	26.8	26.753	-0.05	-0.18	0	0.1	1.01	Pass
10/9/2020 12:04 PM	Pump Engine 4	%	0	-0.01	-0.01	0.01	26	26.048	0.05	0.18	0.01	-0.01	1	Pass
10/10/2020 12:04 PM	Pump Engine 2	%	0	0.095	0.1	0.01	26.6	26.515	-0.09	-0.32	0.01	0.1	1.01	Pass
10/10/2020 12:04 PM	Pump Engine 4	%	0	0.09	0.09	0.01	26	26.03	0.03	0.12	0	0.09	1	Pass
10/10/2020 12:04 PM	Pump Engine 5	%	0	0.108	0.11	0	26.3	26.148	-0.15	-0.58	0	0.11	1.01	Pass
10/10/2020 12:04 PM	Pump Engine 1	%	0	0.038	0.04	0	26.8	26.753	-0.05	-0.18	0	0.04	1	Pass
10/11/2020 12:04 PM	Pump Engine 1	%	0	0.223	0.22	0	26.8	26.748	-0.05	-0.19	0	0.22	1.01	Pass
10/11/2020 12:04 PM	Pump Engine 4	%	0	0	0	0.01	26	26.04	0.04	0.15	0.01	0	1	Pass
10/11/2020 12:04 PM	Pump Engine 2	%	0	0.015	0.02	0.01	26.6	26.495	-0.1	-0.39	0.01	0.02	1	Pass
10/11/2020 12:04 PM	Pump Engine 5	%	0	0.045	0.05	0.01	26.3	26.153	-0.15	-0.56	0	0.05	1.01	Pass
10/12/2020 12:04 PM	Pump Engine 2	%	0	0.385	0.39	0.01	26.6	26.47	-0.13	-0.49	0.01	0.39	1.02	Pass
10/12/2020 12:04 PM	Pump Engine 1	%	0	0.12	0.12	0	26.8	26.705	-0.09	-0.35	0.01	0.12	1.01	Pass
10/12/2020 12:04 PM	Pump Engine 5	%	0	0.045	0.05	0.01	26.3	26.138	-0.16	-0.62	0	0.05	1.01	Pass
10/12/2020 12:04 PM	Pump Engine 4	%	0	0.158	0.16	0	26	26.025	0.02	0.1	0.01	0.16	1.01	Pass
10/13/2020 12:04 PM	Pump Engine 5	%	0	0.16	0.16	0	26.3	26.14	-0.16	-0.61	0	0.16	1.01	Pass
10/13/2020 12:04 PM	Pump Engine 4	%	0	0.53	0.53	0	26	26.003	0	0.01	0.01	0.53	1.02	Pass
10/13/2020 12:04 PM	Pump Engine 1	%	0	1.015	1.02	0.01	26.8	26.697	-0.1	-0.38	0	1.02	1.04	Pass
10/13/2020 12:04 PM	Pump Engine 2	%	0	0.04	0.04	0	26.6	26.46	-0.14	-0.53	0.01	0.04	1.01	Pass
10/14/2020 12:04 PM	Pump Engine 1	%	0	-1.483	-1.48	0	26.8	26.73	-0.07	-0.26	0.01	-1.48	0.95	Pass
10/14/2020 12:04 PM	Pump Engine 4	%	0	-0.685	-0.69	0.01	26	26.04	0.04	0.15	0.01	-0.69	0.97	Pass
10/14/2020 12:04 PM	Pump Engine 2	%	0	-0.488	-0.49	0.01	26.6	26.44	-0.16	-0.6	0.01	-0.49	0.99	Pass
10/14/2020 12:04 PM	Pump Engine 5	%	0	-0.12	-0.12	0	26.3	26.15	-0.15	-0.57	0	-0.12	1	Pass
10/15/2020 12:04 PM	Pump Engine 2	%	0	-0.03	-0.03	0.01	26.6	26.448	-0.15	-0.57	0.03	-0.03	1	Pass
10/15/2020 12:04 PM	Pump Engine 5	%	0	-0.058	-0.06	0	26.3	26.14	-0.16	-0.61	0	-0.06	1	Pass
10/15/2020 12:04 PM	Pump Engine 4	%	0	0.023	0.02	0	26	26.043	0.04	0.17	0.01	0.02	1	Pass
10/15/2020 12:04 PM	Pump Engine 1	%	0	0.31	0.31	0	26.8	26.743	-0.06	-0.21	0	0.31	1.01	Pass

Daily Calibration Opacity Data Summary Report

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Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
10/16/2020 12:04 PM	Pump Engine 2	%	0	0.218	0.22	0	26.6	26.475	-0.13	-0.47	0.01	0.22	1.01	Pass
10/16/2020 12:04 PM	Pump Engine 5	%	0	0.07	0.07	0	26.3	26.135	-0.16	-0.63	0.01	0.07	1.01	Pass
10/16/2020 12:04 PM	Pump Engine 1	%	0	0.203	0.2	0	26.8	26.728	-0.07	-0.27	0	0.2	1.01	Pass
10/16/2020 12:04 PM	Pump Engine 4	%	0	0.168	0.17	0	26	26.028	0.03	0.11	0	0.17	1.01	Pass
10/17/2020 12:04 PM	Pump Engine 2	%	0	-0.178	-0.18	0	26.6	26.44	-0.16	-0.6	0.01	-0.18	1	Pass
10/17/2020 12:04 PM	Pump Engine 1	%	0	0.018	0.02	0	26.8	26.75	-0.05	-0.19	0	0.02	1	Pass
10/17/2020 12:04 PM	Pump Engine 5	%	0	-0.098	-0.1	0	26.3	26.14	-0.16	-0.61	0	-0.1	1	Pass
10/17/2020 12:04 PM	Pump Engine 4	%	0	-0.118	-0.12	0	26	26.04	0.04	0.15	0.01	-0.12	0.99	Pass
10/18/2020 12:04 PM	Pump Engine 5	%	0	-0.05	-0.05	0	26.3	26.145	-0.15	-0.59	0.01	-0.05	1	Pass
10/18/2020 12:04 PM	Pump Engine 4	%	0	0	0	0.01	26	26.03	0.03	0.12	0.02	0	1	Pass
10/18/2020 12:04 PM	Pump Engine 1	%	0	0.085	0.09	0.01	26.8	26.758	-0.04	-0.16	0	0.09	1	Pass
10/18/2020 12:04 PM	Pump Engine 2	%	0	-0.028	-0.03	0	26.6	26.445	-0.16	-0.58	0.02	-0.03	1	Pass
10/19/2020 12:04 PM	Pump Engine 5	%	0	0.08	0.08	0	26.3	26.15	-0.15	-0.57	0	0.08	1.01	Pass
10/19/2020 12:04 PM	Pump Engine 4	%	0	0.05	0.05	0.01	26	26.038	0.04	0.15	0.01	0.05	1	Pass
10/19/2020 12:04 PM	Pump Engine 2	%	0	0.055	0.06	0.01	26.6	26.463	-0.14	-0.52	0.01	0.06	1.01	Pass
10/19/2020 12:04 PM	Pump Engine 1	%	0	0.09	0.09	0	26.8	26.755	-0.05	-0.17	0.01	0.09	1.01	Pass
10/20/2020 12:04 PM	Pump Engine 5	%	0	0.08	0.08	0	26.3	26.15	-0.15	-0.57	0	0.08	1.01	Pass
10/20/2020 12:04 PM	Pump Engine 4	%	0	0.105	0.11	0.01	26	26.045	0.05	0.17	0.01	0.11	1	Pass
10/20/2020 12:04 PM	Pump Engine 1	%	0	0.015	0.02	0.01	26.8	26.743	-0.06	-0.21	0.01	0.02	1	Pass
10/20/2020 12:04 PM	Pump Engine 2	%	0	0.125	0.13	0.01	26.6	26.463	-0.14	-0.52	0.01	0.13	1.01	Pass
10/21/2020 12:04 PM	Pump Engine 1	%	0	-0.065	-0.07	0.01	26.8	26.75	-0.05	-0.19	0.01	-0.07	1	Pass
10/21/2020 12:04 PM	Pump Engine 4	%	0	0.048	0.05	0	26	26.038	0.04	0.15	0	0.05	1	Pass
10/21/2020 12:04 PM	Pump Engine 2	%	0	0.01	0.01	0.01	26.6	26.485	-0.11	-0.43	0.01	0.01	1	Pass
10/21/2020 12:04 PM	Pump Engine 5	%	0	0.02	0.02	0	26.3	26.15	-0.15	-0.57	0	0.02	1.01	Pass
10/22/2020 12:04 PM	Pump Engine 5	%	0	0.02	0.02	0	26.3	26.158	-0.14	-0.54	0	0.02	1.01	Pass
10/22/2020 12:04 PM	Pump Engine 2	%	0	0.053	0.05	0	26.6	26.478	-0.12	-0.46	0.01	0.05	1.01	Pass
10/22/2020 12:04 PM	Pump Engine 4	%	0	0.015	0.02	0.01	26	26.035	0.03	0.13	0.01	0.02	1	Pass
10/22/2020 12:04 PM	Pump Engine 1	%	0	0.118	0.12	0	26.8	26.75	-0.05	-0.19	0	0.12	1.01	Pass
10/23/2020 12:04 PM	Pump Engine 4	%	0	-0.008	-0.01	0	26	26.045	0.05	0.17	0.01	-0.01	1	Pass
10/23/2020 12:04 PM	Pump Engine 1	%	0	-0.07	-0.07	0	26.8	26.745	-0.05	-0.21	0.01	-0.07	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
10/23/2020 12:04 PM	Pump Engine 2	%	0	-0.028	-0.03	0	26.6	26.485	-0.11	-0.43	0.01	-0.03	1	Pass
10/23/2020 12:04 PM	Pump Engine 5	%	0	-0.003	0	0	26.3	26.153	-0.15	-0.56	0	0	1.01	Pass
10/24/2020 12:04 PM	Pump Engine 2	%	0	0.068	0.07	0.01	26.6	26.458	-0.14	-0.53	0.01	0.07	1.01	Pass
10/24/2020 12:04 PM	Pump Engine 1	%	0	0.06	0.06	0	26.8	26.753	-0.05	-0.18	0	0.06	1	Pass
10/24/2020 12:04 PM	Pump Engine 5	%	0	0.018	0.02	0	26.3	26.15	-0.15	-0.57	0	0.02	1.01	Pass
10/24/2020 12:04 PM	Pump Engine 4	%	0	0.038	0.04	0.01	26	26.038	0.04	0.15	0.01	0.04	1	Pass
10/25/2020 12:04 PM	Pump Engine 2	%	0	-0.108	-0.11	0	26.6	26.518	-0.08	-0.31	0.01	-0.11	1	Pass
10/25/2020 12:04 PM	Pump Engine 1	%	0	-0.43	-0.43	0	26.8	26.743	-0.06	-0.21	0	-0.43	0.99	Pass
10/25/2020 12:04 PM	Pump Engine 5	%	0	-0.115	-0.12	0.01	26.3	26.13	-0.17	-0.65	0	-0.12	1	Pass
10/25/2020 12:04 PM	Pump Engine 4	%	0	-0.16	-0.16	0	26	26.03	0.03	0.12	0	-0.16	0.99	Pass
10/27/2020 12:04 PM	Pump Engine 4	%	0	0.103	0.1	0	26	26.03	0.03	0.12	0	0.1	1	Pass
10/27/2020 12:04 PM	Pump Engine 5	%	0	0.095	0.1	0.01	26.3	26.145	-0.15	-0.59	0.01	0.1	1.01	Pass
10/27/2020 12:04 PM	Pump Engine 2	%	0	0.14	0.14	0.01	26.6	26.538	-0.06	-0.23	0	0.14	1.01	Pass
10/27/2020 12:04 PM	Pump Engine 1	%	0	0.275	0.28	0.01	26.8	26.745	-0.05	-0.21	0.01	0.28	1.01	Pass
10/28/2020 12:04 PM	Pump Engine 5	%	0	-0.01	-0.01	0	26.3	26.14	-0.16	-0.61	0	-0.01	1.01	Pass
10/28/2020 12:04 PM	Pump Engine 4	%	0	0.005	0.01	0.01	26	26.025	0.02	0.1	0.01	0.01	1	Pass
10/28/2020 12:04 PM	Pump Engine 1	%	0	0.21	0.21	0	26.8	26.733	-0.07	-0.25	0	0.21	1.01	Pass
10/28/2020 12:04 PM	Pump Engine 2	%	0	0.043	0.04	0	26.6	26.538	-0.06	-0.23	0.01	0.04	1	Pass
10/29/2020 12:04 PM	Pump Engine 1	%	0	0.75	0.75	0.01	26.8	26.75	-0.05	-0.19	0	0.75	1.03	Pass
10/29/2020 12:04 PM	Pump Engine 2	%	0	0.08	0.08	0.01	26.6	26.545	-0.06	-0.21	0.01	0.08	1.01	Pass
10/29/2020 12:04 PM	Pump Engine 4	%	0	0.045	0.05	0.01	26	26.017	0.02	0.07	0	0.05	1	Pass
10/29/2020 12:04 PM	Pump Engine 5	%	0	0.02	0.02	0	26.3	26.133	-0.17	-0.63	0	0.02	1.01	Pass
10/30/2020 12:04 PM	Pump Engine 5	%	0	-0.01	-0.01	0	26.3	26.133	-0.17	-0.63	0	-0.01	1.01	Pass
10/30/2020 12:04 PM	Pump Engine 2	%	0	0.318	0.32	0	26.6	26.568	-0.03	-0.12	0	0.32	1.01	Pass
10/30/2020 12:04 PM	Pump Engine 1	%	0	-1.15	-1.15	0	26.8	26.735	-0.06	-0.24	0.01	-1.15	0.96	Pass
10/30/2020 12:04 PM	Pump Engine 4	%	0	0.148	0.15	0.01	26	26.028	0.03	0.11	0.01	0.15	1	Pass
10/31/2020 12:04 PM	Pump Engine 4	%	0	-0.255	-0.26	0.01	26	26.028	0.03	0.11	0	-0.26	0.99	Pass
10/31/2020 12:04 PM	Pump Engine 1	%	0	-0.39	-0.39	0	26.8	26.735	-0.06	-0.24	0.01	-0.39	0.99	Pass
10/31/2020 12:04 PM	Pump Engine 2	%	0	-0.483	-0.48	0	26.6	26.548	-0.05	-0.2	0.01	-0.48	0.98	Pass
10/31/2020 12:04 PM	Pump Engine 5	%	0	-0.013	-0.01	0	26.3	26.135	-0.16	-0.63	0.01	-0.01	1.01	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
11/1/2020 12:04 PM	Pump Engine 2	%	0	-0.09	-0.09	0.01	26.6	26.543	-0.06	-0.21	0.01	-0.09	1	Pass
11/1/2020 12:04 PM	Pump Engine 1	%	0	0.105	0.11	0.01	26.8	26.75	-0.05	-0.19	0	0.11	1.01	Pass
11/1/2020 12:04 PM	Pump Engine 5	%	0	-0.01	-0.01	0	26.3	26.145	-0.15	-0.59	0.01	-0.01	1.01	Pass
11/1/2020 12:04 PM	Pump Engine 4	%	0	0.018	0.02	0	26	26.035	0.03	0.13	0.01	0.02	1	Pass
11/2/2020 12:04 PM	Pump Engine 4	%	0	-0.225	-0.23	0.01	26	26.025	0.02	0.1	0.01	-0.23	0.99	Pass
11/2/2020 12:04 PM	Pump Engine 5	%	0	-0.06	-0.06	0	26.3	26.13	-0.17	-0.65	0	-0.06	1	Pass
11/2/2020 12:04 PM	Pump Engine 2	%	0	0.02	0.02	0.01	26.6	26.555	-0.05	-0.17	0.01	0.02	1	Pass
11/2/2020 12:04 PM	Pump Engine 1	%	0	-0.81	-0.81	0	26.8	26.74	-0.06	-0.22	0	-0.81	0.97	Pass
11/3/2020 12:04 PM	Pump Engine 1	%	0	0.28	0.28	0	26.8	26.725	-0.07	-0.28	0.01	0.28	1.01	Pass
11/3/2020 12:04 PM	Pump Engine 4	%	0	0.003	0	0	26	26.038	0.04	0.15	0.01	0	1	Pass
11/3/2020 12:04 PM	Pump Engine 2	%	0	-0.015	-0.02	0.01	26.6	26.55	-0.05	-0.19	0.01	-0.02	1	Pass
11/3/2020 12:04 PM	Pump Engine 5	%	0	-0.06	-0.06	0	26.3	26.14	-0.16	-0.61	0	-0.06	1	Pass
11/4/2020 12:04 PM	Pump Engine 5	%	0	0.02	0.02	0	26.3	26.14	-0.16	-0.61	0	0.02	1.01	Pass
11/4/2020 12:04 PM	Pump Engine 2	%	0	0.038	0.04	0	26.6	26.54	-0.06	-0.23	0	0.04	1	Pass
11/4/2020 12:04 PM	Pump Engine 4	%	0	0.015	0.02	0.01	26	26.038	0.04	0.15	0	0.02	1	Pass
11/4/2020 12:04 PM	Pump Engine 1	%	0	0.208	0.21	0	26.8	26.748	-0.05	-0.19	0	0.21	1.01	Pass
11/5/2020 12:04 PM	Pump Engine 4	%	0	0.21	0.21	0	26	26.04	0.04	0.15	0	0.21	1.01	Pass
11/5/2020 12:04 PM	Pump Engine 1	%	0	0.713	0.71	0	26.8	26.755	-0.05	-0.17	0.01	0.71	1.03	Pass
11/5/2020 12:04 PM	Pump Engine 2	%	0	0.068	0.07	0	26.6	26.548	-0.05	-0.2	0	0.07	1	Pass
11/5/2020 12:04 PM	Pump Engine 5	%	0	0.07	0.07	0	26.3	26.143	-0.16	-0.6	0	0.07	1.01	Pass
11/6/2020 12:04 PM	Pump Engine 1	%	0	0.123	0.12	0	26.8	26.74	-0.06	-0.22	0	0.12	1.01	Pass
11/6/2020 12:04 PM	Pump Engine 2	%	0	-0.035	-0.04	0.01	26.6	26.55	-0.05	-0.19	0.01	-0.04	1	Pass
11/6/2020 12:04 PM	Pump Engine 5	%	0	0.043	0.04	0	26.3	26.143	-0.16	-0.6	0	0.04	1.01	Pass
11/6/2020 12:04 PM	Pump Engine 4	%	0	0.005	0.01	0.01	26	26.043	0.04	0.17	0	0.01	1	Pass
11/7/2020 12:04 PM	Pump Engine 5	%	0	-0.055	-0.06	0.01	26.3	26.145	-0.15	-0.59	0.01	-0.06	1	Pass
11/7/2020 12:04 PM	Pump Engine 4	%	0	-0.08	-0.08	0.01	26	26.033	0.03	0.13	0	-0.08	1	Pass
11/7/2020 12:04 PM	Pump Engine 1	%	0	0.03	0.03	0	26.8	26.75	-0.05	-0.19	0	0.03	1	Pass
11/7/2020 12:04 PM	Pump Engine 2	%	0	0	0	0	26.6	26.553	-0.05	-0.18	0.01	0	1	Pass
11/8/2020 12:04 PM	Pump Engine 2	%	0	0.04	0.04	0	26.6	26.577	-0.02	-0.09	0	0.04	1	Pass
11/8/2020 12:04 PM	Pump Engine 4	%	0	0.005	0.01	0.01	26	26.04	0.04	0.15	0	0.01	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031

Data Group: Valid Calibration Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
11/8/2020 12:04 PM	Pump Engine 1	%	0	-0.03	-0.03	0	26.8	26.75	-0.05	-0.19	0	-0.03	1	Pass
11/8/2020 12:04 PM	Pump Engine 5	%	0	-0.02	-0.02	0	26.3	26.143	-0.16	-0.6	0	-0.02	1.01	Pass
11/9/2020 12:04 PM	Pump Engine 5	%	0	0.003	0	0	26.3	26.138	-0.16	-0.62	0	0	1.01	Pass
11/9/2020 12:04 PM	Pump Engine 2	%	0	0.005	0.01	0.01	26.6	26.565	-0.03	-0.13	0.01	0.01	1	Pass
11/9/2020 12:04 PM	Pump Engine 4	%	0	0.005	0.01	0.01	26	26.04	0.04	0.15	0.01	0.01	1	Pass
11/9/2020 12:04 PM	Pump Engine 1	%	0	0.028	0.03	0	26.8	26.755	-0.05	-0.17	0.01	0.03	1	Pass
11/10/2020 12:04 PM	Pump Engine 4	%	0	0.123	0.12	0	26	26.043	0.04	0.17	0.01	0.12	1	Pass
11/10/2020 12:04 PM	Pump Engine 1	%	0	-0.153	-0.15	0	26.8	26.758	-0.04	-0.16	0	-0.15	1	Pass
11/10/2020 12:04 PM	Pump Engine 2	%	0	0.095	0.1	0.01	26.6	26.56	-0.04	-0.15	0.01	0.1	1.01	Pass
11/10/2020 12:04 PM	Pump Engine 5	%	0	0.048	0.05	0	26.3	26.145	-0.15	-0.59	0.01	0.05	1.01	Pass
11/11/2020 12:04 PM	Pump Engine 2	%	0	0.218	0.22	0	26.6	26.558	-0.04	-0.16	0	0.22	1.01	Pass
11/11/2020 12:04 PM	Pump Engine 1	%	0	1.205	1.21	0.01	26.8	26.723	-0.08	-0.29	0	1.21	1.05	Pass
11/11/2020 12:04 PM	Pump Engine 4	%	0	0.32	0.32	0.01	26	26.02	0.02	0.08	0.01	0.32	1.01	Pass
11/11/2020 12:04 PM	Pump Engine 5	%	0	0.14	0.14	0	26.3	26.15	-0.15	-0.57	0	0.14	1.01	Pass
11/12/2020 12:04 PM	Pump Engine 5	%	0	-0.035	-0.04	0.01	26.3	26.145	-0.15	-0.59	0.01	-0.04	1	Pass
11/12/2020 12:04 PM	Pump Engine 4	%	0	-0.258	-0.26	0.01	26	26.04	0.04	0.15	0.01	-0.26	0.99	Pass
11/12/2020 12:04 PM	Pump Engine 1	%	0	-1.143	-1.14	0	26.8	26.743	-0.06	-0.21	0	-1.14	0.96	Pass
11/12/2020 12:04 PM	Pump Engine 2	%	0	-0.213	-0.21	0	26.6	26.57	-0.03	-0.11	0.01	-0.21	0.99	Pass
11/13/2020 12:04 PM	Pump Engine 1	%	0	1.103	1.1	0.01	26.8	26.72	-0.08	-0.3	0.01	1.1	1.05	Pass
11/13/2020 12:04 PM	Pump Engine 4	%	0	0.08	0.08	0.01	26	26.013	0.01	0.05	0	0.08	1	Pass
11/13/2020 12:04 PM	Pump Engine 2	%	0	0.22	0.22	0	26.6	26.575	-0.02	-0.09	0.01	0.22	1.01	Pass
11/13/2020 12:04 PM	Pump Engine 5	%	0	-0.033	-0.03	0	26.3	26.133	-0.17	-0.63	0	-0.03	1.01	Pass
11/14/2020 12:04 PM	Pump Engine 2	%	0	-0.43	-0.43	0.01	26.6	26.573	-0.03	-0.1	0.01	-0.43	0.99	Pass
11/14/2020 12:04 PM	Pump Engine 5	%	0	-0.135	-0.14	0.01	26.3	26.14	-0.16	-0.61	0	-0.14	1	Pass
11/14/2020 12:04 PM	Pump Engine 4	%	0	-0.31	-0.31	0.01	26	26.033	0.03	0.13	0.01	-0.31	0.99	Pass
11/14/2020 12:04 PM	Pump Engine 1	%	0	-2.405	-2.41	0.01	26.8	26.738	-0.06	-0.23	0	-2.41	0.92	Pass
11/15/2020 12:04 PM	Pump Engine 4	%	0	-0.028	-0.03	0	26	26.04	0.04	0.15	0.01	-0.03	1	Pass
11/15/2020 12:04 PM	Pump Engine 1	%	0	0.053	0.05	0	26.8	26.74	-0.06	-0.22	0	0.05	1	Pass
11/15/2020 12:04 PM	Pump Engine 2	%	0	0.043	0.04	0	26.6	26.548	-0.05	-0.2	0.01	0.04	1	Pass
11/15/2020 12:04 PM	Pump Engine 5	%	0	-0.04	-0.04	0	26.3	26.135	-0.16	-0.63	0.01	-0.04	1	Pass
11/16/2020 12:04 PM	Pump Engine 2	%	0	0.025	0.03	0.01	26.6	26.575	-0.02	-0.09	0.01	0.03	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
11/16/2020 12:04 PM	Pump Engine 1	%	0	0.73	0.73	0	26.8	26.745	-0.05	-0.21	0.01	0.73	1.03	Pass
11/16/2020 12:04 PM	Pump Engine 5	%	0	-0.043	-0.04	0	26.3	26.135	-0.16	-0.63	0.01	-0.04	1	Pass
11/16/2020 12:04 PM	Pump Engine 4	%	0	-0.003	0	0	26	26.033	0.03	0.13	0	0	1	Pass
11/17/2020 12:04 PM	Pump Engine 5	%	0	-0.02	-0.02	0	26.3	26.133	-0.17	-0.63	0	-0.02	1.01	Pass
11/17/2020 12:04 PM	Pump Engine 4	%	0	-0.018	-0.02	0	26	26.03	0.03	0.12	0.01	-0.02	1	Pass
11/17/2020 12:04 PM	Pump Engine 1	%	0	-0.08	-0.08	0	26.8	26.74	-0.06	-0.22	0	-0.08	1	Pass
11/17/2020 12:04 PM	Pump Engine 2	%	0	0.003	0	0	26.6	26.563	-0.04	-0.14	0	0	1	Pass
11/18/2020 12:04 PM	Pump Engine 1	%	0	-0.4	-0.4	0	26.8	26.74	-0.06	-0.22	0	-0.4	0.99	Pass
11/18/2020 12:04 PM	Pump Engine 4	%	0	-0.073	-0.07	0	26	26.015	0.01	0.06	0.01	-0.07	1	Pass
11/18/2020 12:04 PM	Pump Engine 2	%	0	-0.085	-0.09	0.02	26.6	26.565	-0.03	-0.13	0.02	-0.09	1	Pass
11/18/2020 12:04 PM	Pump Engine 5	%	0	-0.023	-0.02	0	26.3	26.125	-0.17	-0.67	0.01	-0.02	1.01	Pass
11/19/2020 12:04 PM	Pump Engine 5	%	0	0.008	0.01	0	26.3	26.13	-0.17	-0.65	0	0.01	1.01	Pass
11/19/2020 12:04 PM	Pump Engine 2	%	0	0.078	0.08	0.01	26.6	26.535	-0.07	-0.24	0.02	0.08	1.01	Pass
11/19/2020 12:04 PM	Pump Engine 4	%	0	0.05	0.05	0	26	26.018	0.02	0.07	0	0.05	1	Pass
11/19/2020 12:04 PM	Pump Engine 1	%	0	0.213	0.21	0	26.8	26.728	-0.07	-0.27	0	0.21	1.01	Pass
11/20/2020 12:04 PM	Pump Engine 4	%	0	0.048	0.05	0	26	26.043	0.04	0.17	0	0.05	1	Pass
11/20/2020 12:04 PM	Pump Engine 2	%	0	0.033	0.03	0.01	26.6	26.52	-0.08	-0.3	0.01	0.03	1	Pass
11/20/2020 12:04 PM	Pump Engine 1	%	0	0.398	0.4	0	26.8	26.728	-0.07	-0.27	0	0.4	1.02	Pass
11/20/2020 12:04 PM	Pump Engine 5	%	0	0.07	0.07	0	26.3	26.135	-0.16	-0.63	0.01	0.07	1.01	Pass
11/21/2020 12:04 PM	Pump Engine 2	%	0	0.003	0	0	26.6	26.533	-0.07	-0.25	0.01	0	1	Pass
11/21/2020 12:04 PM	Pump Engine 1	%	0	0.13	0.13	0	26.8	26.748	-0.05	-0.19	0	0.13	1.01	Pass
11/21/2020 12:04 PM	Pump Engine 5	%	0	-0.018	-0.02	0	26.3	26.14	-0.16	-0.61	0	-0.02	1.01	Pass
11/21/2020 12:04 PM	Pump Engine 4	%	0	-0.028	-0.03	0	26	26.045	0.05	0.17	0.01	-0.03	1	Pass
11/22/2020 12:04 PM	Pump Engine 5	%	0	0	0	0	26.3	26.135	-0.16	-0.63	0.01	0	1.01	Pass
11/22/2020 12:04 PM	Pump Engine 4	%	0	0.025	0.03	0.01	26	26.03	0.03	0.12	0.01	0.03	1	Pass
11/22/2020 12:04 PM	Pump Engine 1	%	0	-0.335	-0.34	0.01	26.8	26.74	-0.06	-0.22	0	-0.34	0.99	Pass
11/22/2020 12:04 PM	Pump Engine 2	%	0	0.028	0.03	0	26.6	26.553	-0.05	-0.18	0.01	0.03	1	Pass
11/23/2020 12:04 PM	Pump Engine 1	%	0	-0.578	-0.58	0	26.8	26.725	-0.07	-0.28	0.01	-0.58	0.98	Pass
11/23/2020 12:04 PM	Pump Engine 4	%	0	-0.04	-0.04	0	26	26.028	0.03	0.11	0.01	-0.04	1	Pass
11/23/2020 12:04 PM	Pump Engine 2	%	0	0.173	0.17	0	26.6	26.558	-0.04	-0.16	0	0.17	1.01	Pass
11/23/2020 12:04 PM	Pump Engine 5	%	0	0.123	0.12	0	26.3	26.14	-0.16	-0.61	0	0.12	1.01	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
11/24/2020 12:04 PM	Pump Engine 5	%	0	-0.103	-0.1	0	26.3	26.133	-0.17	-0.63	0	-0.1	1	Pass
11/24/2020 12:04 PM	Pump Engine 2	%	0	-0.195	-0.2	0.01	26.6	26.555	-0.05	-0.17	0.01	-0.2	0.99	Pass
11/24/2020 12:04 PM	Pump Engine 4	%	0	-0.108	-0.11	0	26	26.028	0.03	0.11	0	-0.11	0.99	Pass
11/24/2020 12:04 PM	Pump Engine 1	%	0	-0.2	-0.2	0	26.8	26.73	-0.07	-0.26	0	-0.2	1	Pass
11/25/2020 12:04 PM	Pump Engine 4	%	0	0.033	0.03	0	26	26.035	0.03	0.13	0.01	0.03	1	Pass
11/25/2020 12:04 PM	Pump Engine 1	%	0	0.073	0.07	0	26.8	26.73	-0.07	-0.26	0	0.07	1.01	Pass
11/25/2020 12:04 PM	Pump Engine 5	%	0	0	0	0	26.3	26.135	-0.16	-0.63	0.01	0	1.01	Pass
11/25/2020 12:04 PM	Pump Engine 2	%	0	0	0	0.01	26.6	26.563	-0.04	-0.14	0.01	0	1	Pass
11/26/2020 12:04 PM	Pump Engine 2	%	0	0.535	0.54	0.01	26.6	26.565	-0.03	-0.13	0.01	0.54	1.02	Pass
11/26/2020 12:04 PM	Pump Engine 1	%	0	3.63	3.63	0	26.8	26.7	-0.1	-0.37	0	3.63	1.16	Pass
11/26/2020 12:04 PM	Pump Engine 4	%	0	0.587	0.59	0	26	26.015	0.01	0.06	0.01	0.59	1.02	Pass
11/26/2020 12:04 PM	Pump Engine 5	%	0	0.24	0.24	0	26.3	26.14	-0.16	-0.61	0	0.24	1.02	Pass
11/27/2020 12:04 PM	Pump Engine 5	%	0	-0.158	-0.16	0	26.3	26.143	-0.16	-0.6	0	-0.16	1	Pass
11/27/2020 12:04 PM	Pump Engine 4	%	0	-0.518	-0.52	0	26	26.03	0.03	0.12	0.01	-0.52	0.98	Pass
11/27/2020 12:04 PM	Pump Engine 1	%	0	-3.313	-3.31	0	26.8	26.74	-0.06	-0.22	0	-3.31	0.89	Pass
11/27/2020 12:04 PM	Pump Engine 2	%	0	-0.473	-0.47	0	26.6	26.548	-0.05	-0.2	0.01	-0.47	0.98	Pass
11/28/2020 12:04 PM	Pump Engine 1	%	0	-0.19	-0.19	0	26.8	26.743	-0.06	-0.21	0	-0.19	1	Pass
11/28/2020 12:04 PM	Pump Engine 2	%	0	-0.063	-0.06	0	26.6	26.56	-0.04	-0.15	0.01	-0.06	1	Pass
11/28/2020 12:04 PM	Pump Engine 4	%	0	-0.053	-0.05	0	26	26.03	0.03	0.12	0.01	-0.05	1	Pass
11/28/2020 12:04 PM	Pump Engine 5	%	0	-0.053	-0.05	0	26.3	26.145	-0.15	-0.59	0.01	-0.05	1	Pass
11/29/2020 12:04 PM	Pump Engine 5	%	0	-0.05	-0.05	0	26.3	26.135	-0.16	-0.63	0.01	-0.05	1	Pass
11/29/2020 12:04 PM	Pump Engine 2	%	0	-0.045	-0.05	0.01	26.6	26.56	-0.04	-0.15	0	-0.05	1	Pass
11/29/2020 12:04 PM	Pump Engine 4	%	0	-0.033	-0.03	0	26	26.033	0.03	0.13	0.01	-0.03	1	Pass
11/29/2020 12:04 PM	Pump Engine 1	%	0	-0.063	-0.06	0	26.8	26.73	-0.07	-0.26	0	-0.06	1	Pass
11/30/2020 12:04 PM	Pump Engine 4	%	0	1.208	1.21	0.01	26	26	0	0	0.01	1.21	1.05	Pass
11/30/2020 12:04 PM	Pump Engine 1	%	0	6.473	6.47	0	26.8	26.758	-0.04	-0.16	0	6.47	1.32	Fail
11/30/2020 12:04 PM	Pump Engine 2	%	0	1	1	0	26.6	26.56	-0.04	-0.15	0.01	1	1.04	Pass
11/30/2020 12:04 PM	Pump Engine 5	%	0	0.728	0.73	0.01	26.3	26.14	-0.16	-0.61	0.01	0.73	1.03	Pass
11/30/2020 3:55 PM	Pump Engine 1	%	0	-0.833	-0.83	0.01	26.8	26.673	-0.13	-0.47	0.01	-0.83	0.97	Pass
12/1/2020 12:04 PM	Pump Engine 2	%	0	-0.765	-0.77	0.01	26.6	26.555	-0.05	-0.17	0.01	-0.77	0.97	Pass
12/1/2020 12:04 PM	Pump Engine 1	%	0	-0.143	-0.14	0	26.8	26.725	-0.07	-0.28	0.01	-0.14	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
12/1/2020 12:04 PM	Pump Engine 4	%	0	-1.11	-1.11	0	26	26.025	0.02	0.1	0.01	-1.11	0.96	Pass
12/1/2020 12:04 PM	Pump Engine 5	%	0	-0.58	-0.58	0	26.3	26.14	-0.16	-0.61	0	-0.58	0.98	Pass
12/2/2020 12:04 PM	Pump Engine 5	%	0	-0.065	-0.07	0.01	26.3	26.128	-0.17	-0.65	0	-0.07	1	Pass
12/2/2020 12:04 PM	Pump Engine 4	%	0	-0.083	-0.08	0	26	26.03	0.03	0.12	0	-0.08	1	Pass
12/2/2020 12:04 PM	Pump Engine 1	%	0	-1.043	-1.04	0	26.8	26.718	-0.08	-0.31	0	-1.04	0.97	Pass
12/2/2020 12:04 PM	Pump Engine 2	%	0	-0.18	-0.18	0	26.6	26.548	-0.05	-0.2	0.01	-0.18	1	Pass
12/3/2020 12:04 PM	Pump Engine 1	%	0	0.128	0.13	0	26.8	26.733	-0.07	-0.25	0	0.13	1.01	Pass
12/3/2020 12:04 PM	Pump Engine 4	%	0	-0.025	-0.03	0.01	26	26.018	0.02	0.07	0	-0.03	1	Pass
12/3/2020 12:04 PM	Pump Engine 2	%	0	-0.058	-0.06	0.01	26.6	26.538	-0.06	-0.23	0.01	-0.06	1	Pass
12/3/2020 12:04 PM	Pump Engine 5	%	0	-0.048	-0.05	0.01	26.3	26.14	-0.16	-0.61	0	-0.05	1	Pass
12/4/2020 12:04 PM	Pump Engine 5	%	0	-0.02	-0.02	0	26.3	26.138	-0.16	-0.62	0	-0.02	1.01	Pass
12/4/2020 12:04 PM	Pump Engine 2	%	0	-0.083	-0.08	0	26.6	26.533	-0.07	-0.25	0	-0.08	1	Pass
12/4/2020 12:04 PM	Pump Engine 4	%	0	-0.005	-0.01	0.01	26	26.033	0.03	0.13	0	-0.01	1	Pass
12/4/2020 12:04 PM	Pump Engine 1	%	0	0.078	0.08	0	26.8	26.723	-0.08	-0.29	0	0.08	1.01	Pass
12/5/2020 12:04 PM	Pump Engine 4	%	0	0.325	0.33	0.01	26	26.04	0.04	0.15	0.01	0.33	1.01	Pass
12/5/2020 12:04 PM	Pump Engine 1	%	0	1.21	1.21	0	26.8	26.74	-0.06	-0.22	0.01	1.21	1.05	Pass
12/5/2020 12:04 PM	Pump Engine 2	%	0	0.453	0.45	0	26.6	26.55	-0.05	-0.19	0.01	0.45	1.02	Pass
12/5/2020 12:04 PM	Pump Engine 5	%	0	0.153	0.15	0	26.3	26.133	-0.17	-0.63	0	0.15	1.01	Pass
12/6/2020 12:04 PM	Pump Engine 2	%	0	-0.395	-0.4	0.01	26.6	26.55	-0.05	-0.19	0.01	-0.4	0.99	Pass
12/6/2020 12:04 PM	Pump Engine 5	%	0	-0.1	-0.1	0	26.3	26.135	-0.16	-0.63	0.01	-0.1	1	Pass
12/6/2020 12:04 PM	Pump Engine 4	%	0	-0.15	-0.15	0	26	26.025	0.02	0.1	0.01	-0.15	0.99	Pass
12/6/2020 12:04 PM	Pump Engine 1	%	0	-0.6	-0.6	0	26.8	26.718	-0.08	-0.31	0	-0.6	0.98	Pass
12/7/2020 12:04 PM	Pump Engine 4	%	0	-0.01	-0.01	0	26	26.038	0.04	0.15	0.01	-0.01	1	Pass
12/7/2020 12:04 PM	Pump Engine 5	%	0	-0.018	-0.02	0	26.3	26.13	-0.17	-0.65	0	-0.02	1.01	Pass
12/7/2020 12:04 PM	Pump Engine 1	%	0	0.085	0.09	0.01	26.8	26.723	-0.08	-0.29	0	0.09	1.01	Pass
12/7/2020 12:04 PM	Pump Engine 2	%	0	-0.035	-0.04	0.01	26.6	26.533	-0.07	-0.25	0	-0.04	1	Pass
12/8/2020 12:04 PM	Pump Engine 1	%	0	-0.28	-0.28	0	26.8	26.74	-0.06	-0.22	0	-0.28	0.99	Pass
12/8/2020 12:04 PM	Pump Engine 2	%	0	-0.063	-0.06	0.01	26.6	26.535	-0.07	-0.24	0.01	-0.06	1	Pass
12/8/2020 12:04 PM	Pump Engine 5	%	0	-0.01	-0.01	0	26.3	26.123	-0.18	-0.67	0	-0.01	1.01	Pass
12/8/2020 12:04 PM	Pump Engine 4	%	0	-0.008	-0.01	0.01	26	26.015	0.01	0.06	0.01	-0.01	1	Pass
12/9/2020 12:04 PM	Pump Engine 1	%	0	0.15	0.15	0	26.8	26.72	-0.08	-0.3	0	0.15	1.01	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
12/9/2020 12:04 PM	Pump Engine 2	%	0	0.02	0.02	0.01	26.6	26.535	-0.07	-0.24	0.01	0.02	1	Pass
12/9/2020 12:04 PM	Pump Engine 5	%	0	0.01	0.01	0	26.3	26.13	-0.17	-0.65	0	0.01	1.01	Pass
12/9/2020 12:04 PM	Pump Engine 4	%	0	0.025	0.03	0.01	26	26.03	0.03	0.12	0.01	0.03	1	Pass
12/10/2020 12:04 PM	Pump Engine 5	%	0	0.048	0.05	0	26.3	26.133	-0.17	-0.63	0	0.05	1.01	Pass
12/10/2020 12:04 PM	Pump Engine 4	%	0	0.06	0.06	0	26	26.035	0.03	0.13	0.01	0.06	1	Pass
12/10/2020 12:04 PM	Pump Engine 1	%	0	0.583	0.58	0	26.8	26.738	-0.06	-0.23	0	0.58	1.02	Pass
12/10/2020 12:04 PM	Pump Engine 2	%	0	0.128	0.13	0	26.6	26.538	-0.06	-0.23	0	0.13	1.01	Pass
12/11/2020 12:04 PM	Pump Engine 1	%	0	0	0	0	26.8	26.733	-0.07	-0.25	0	0	1	Pass
12/11/2020 12:04 PM	Pump Engine 4	%	0	0.018	0.02	0	26	26.035	0.03	0.13	0.01	0.02	1	Pass
12/11/2020 12:04 PM	Pump Engine 2	%	0	-0.003	0	0	26.6	26.535	-0.07	-0.24	0.01	0	1	Pass
12/11/2020 12:04 PM	Pump Engine 5	%	0	0.008	0.01	0	26.3	26.14	-0.16	-0.61	0.01	0.01	1.01	Pass
12/12/2020 12:04 PM	Pump Engine 5	%	0	0.078	0.08	0	26.3	26.138	-0.16	-0.62	0	0.08	1.01	Pass
12/12/2020 12:04 PM	Pump Engine 2	%	0	0.195	0.2	0.01	26.6	26.54	-0.06	-0.23	0.01	0.2	1.01	Pass
12/12/2020 12:04 PM	Pump Engine 4	%	0	0.108	0.11	0	26	26.038	0.04	0.15	0.01	0.11	1	Pass
12/12/2020 12:04 PM	Pump Engine 1	%	0	0.388	0.39	0.01	26.8	26.74	-0.06	-0.22	0.01	0.39	1.02	Pass
12/13/2020 12:04 PM	Pump Engine 4	%	0	0.005	0.01	0.01	26	26.035	0.03	0.13	0.01	0.01	1	Pass
12/13/2020 12:04 PM	Pump Engine 2	%	0	-0.05	-0.05	0	26.6	26.53	-0.07	-0.26	0.01	-0.05	1	Pass
12/13/2020 12:04 PM	Pump Engine 1	%	0	-0.153	-0.15	0	26.8	26.743	-0.06	-0.21	0	-0.15	1	Pass
12/13/2020 12:04 PM	Pump Engine 5	%	0	0.033	0.03	0	26.3	26.145	-0.15	-0.59	0.01	0.03	1.01	Pass
12/14/2020 12:04 PM	Pump Engine 2	%	0	-0.1	-0.1	0	26.6	26.553	-0.05	-0.18	0.01	-0.1	1	Pass
12/14/2020 12:04 PM	Pump Engine 1	%	0	-0.39	-0.39	0	26.8	26.74	-0.06	-0.22	0	-0.39	0.99	Pass
12/14/2020 12:04 PM	Pump Engine 5	%	0	-0.073	-0.07	0	26.3	26.138	-0.16	-0.62	0	-0.07	1	Pass
12/14/2020 12:04 PM	Pump Engine 4	%	0	-0.095	-0.1	0.01	26	26.03	0.03	0.12	0.01	-0.1	1	Pass
12/15/2020 12:04 PM	Pump Engine 5	%	0	-0.08	-0.08	0	26.3	26.128	-0.17	-0.65	0	-0.08	1	Pass
12/15/2020 12:04 PM	Pump Engine 1	%	0	-0.01	-0.01	0	26.8	26.723	-0.08	-0.29	0	-0.01	1	Pass
12/15/2020 12:04 PM	Pump Engine 2	%	0	-0.098	-0.1	0.01	26.6	26.543	-0.06	-0.21	0.01	-0.1	1	Pass
12/15/2020 12:04 PM	Pump Engine 4	%	0	-0.08	-0.08	0.01	26	26.023	0.02	0.09	0.01	-0.08	1	Pass
12/16/2020 12:04 PM	Pump Engine 5	%	0	-0.083	-0.08	0	26.3	26.128	-0.17	-0.65	0	-0.08	1	Pass
12/16/2020 12:04 PM	Pump Engine 4	%	0	-0.065	-0.07	0.01	26	26.015	0.01	0.06	0.01	-0.07	1	Pass
12/16/2020 12:04 PM	Pump Engine 1	%	0	-0.385	-0.39	0.01	26.8	26.74	-0.06	-0.22	0	-0.39	0.99	Pass
12/16/2020 12:04 PM	Pump Engine 2	%	0	-0.12	-0.12	0.01	26.6	26.548	-0.05	-0.2	0	-0.12	1	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
12/17/2020 12:04 PM	Pump Engine 1	%	0	0.355	0.36	0.01	26.8	26.713	-0.09	-0.32	0	0.36	1.02	Pass
12/17/2020 12:04 PM	Pump Engine 4	%	0	0.125	0.13	0.01	26	26.015	0.01	0.06	0.01	0.13	1	Pass
12/17/2020 12:04 PM	Pump Engine 2	%	0	0.16	0.16	0	26.6	26.525	-0.08	-0.28	0.01	0.16	1.01	Pass
12/17/2020 12:04 PM	Pump Engine 5	%	0	0.163	0.16	0	26.3	26.13	-0.17	-0.65	0	0.16	1.01	Pass
12/18/2020 12:04 PM	Pump Engine 5	%	0	-0.04	-0.04	0	26.3	26.13	-0.17	-0.65	0	-0.04	1	Pass
12/18/2020 12:04 PM	Pump Engine 2	%	0	-0.11	-0.11	0.01	26.6	26.535	-0.07	-0.24	0.01	-0.11	1	Pass
12/18/2020 12:04 PM	Pump Engine 4	%	0	-0.07	-0.07	0.01	26	26.015	0.01	0.06	0.01	-0.07	1	Pass
12/18/2020 12:04 PM	Pump Engine 1	%	0	-0.565	-0.57	0.01	26.8	26.74	-0.06	-0.22	0	-0.57	0.98	Pass
12/19/2020 12:04 PM	Pump Engine 2	%	0	-0.035	-0.04	0.01	26.6	26.535	-0.07	-0.24	0.01	-0.04	1	Pass
12/19/2020 12:04 PM	Pump Engine 4	%	0	-0.015	-0.02	0.01	26	26.03	0.03	0.12	0	-0.02	1	Pass
12/19/2020 12:04 PM	Pump Engine 1	%	0	0.095	0.1	0.01	26.8	26.72	-0.08	-0.3	0	0.1	1.01	Pass
12/19/2020 12:04 PM	Pump Engine 5	%	0	-0.005	-0.01	0.01	26.3	26.13	-0.17	-0.65	0	-0.01	1.01	Pass
12/20/2020 12:04 PM	Pump Engine 2	%	0	-0.015	-0.02	0.01	26.6	26.54	-0.06	-0.23	0.01	-0.02	1	Pass
12/20/2020 12:04 PM	Pump Engine 1	%	0	0.068	0.07	0	26.8	26.743	-0.06	-0.21	0	0.07	1	Pass
12/20/2020 12:04 PM	Pump Engine 5	%	0	-0.02	-0.02	0	26.3	26.135	-0.16	-0.63	0.01	-0.02	1.01	Pass
12/20/2020 12:04 PM	Pump Engine 4	%	0	0.03	0.03	0.01	26	26.028	0.03	0.11	0.01	0.03	1	Pass
12/21/2020 12:04 PM	Pump Engine 4	%	0	0.065	0.07	0.01	26	26.025	0.02	0.1	0.01	0.07	1	Pass
12/21/2020 12:04 PM	Pump Engine 5	%	0	0.1	0.1	0	26.3	26.135	-0.16	-0.63	0.01	0.1	1.01	Pass
12/21/2020 12:04 PM	Pump Engine 1	%	0	0.455	0.46	0.01	26.8	26.725	-0.07	-0.28	0.01	0.46	1.02	Pass
12/21/2020 12:04 PM	Pump Engine 2	%	0	0.11	0.11	0	26.6	26.545	-0.06	-0.21	0.01	0.11	1.01	Pass
12/22/2020 12:04 PM	Pump Engine 4	%	0	-0.025	-0.03	0.01	26	26.035	0.03	0.13	0.01	-0.03	1	Pass
12/22/2020 12:04 PM	Pump Engine 1	%	0	0.09	0.09	0	26.8	26.735	-0.06	-0.24	0.01	0.09	1.01	Pass
12/22/2020 12:04 PM	Pump Engine 2	%	0	-0.035	-0.04	0.01	26.6	26.53	-0.07	-0.26	0	-0.04	1	Pass
12/22/2020 12:04 PM	Pump Engine 5	%	0	0	0	0	26.3	26.135	-0.16	-0.63	0.01	0	1.01	Pass
12/23/2020 12:04 PM	Pump Engine 5	%	0	-0.118	-0.12	0	26.3	26.135	-0.16	-0.63	0.01	-0.12	1	Pass
12/23/2020 12:04 PM	Pump Engine 2	%	0	-0.125	-0.13	0.01	26.6	26.538	-0.06	-0.23	0.01	-0.13	1	Pass
12/23/2020 12:04 PM	Pump Engine 4	%	0	-0.055	-0.06	0.01	26	26.038	0.04	0.15	0.01	-0.06	1	Pass
12/23/2020 12:04 PM	Pump Engine 1	%	0	-0.05	-0.05	0	26.8	26.73	-0.07	-0.26	0	-0.05	1	Pass
12/24/2020 12:04 PM	Pump Engine 4	%	0	0.12	0.12	0	26	26.043	0.04	0.17	0.01	0.12	1	Pass
12/24/2020 12:04 PM	Pump Engine 1	%	0	0.45	0.45	0	26.8	26.735	-0.06	-0.24	0.01	0.45	1.02	Pass
12/24/2020 12:04 PM	Pump Engine 2	%	0	0.218	0.22	0	26.6	26.525	-0.08	-0.28	0.02	0.22	1.01	Pass

Daily Calibration Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Calibration Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54

Validation: All Calibrations



Date & Time	Monitor	Units	Zero				Span					Result		
			Ref	Meas	Diff(%FS)	Std	Ref	Meas	Diff(%FS)	Diff(%REF)	Std	Zero	Factor	Status
12/24/2020 12:04 PM	Pump Engine 5	%	0	0.14	0.14	0	26.3	26.143	-0.16	-0.6	0	0.14	1.01	Pass
12/25/2020 12:04 PM	Pump Engine 2	%	0	0.83	0.83	0	26.6	26.568	-0.03	-0.12	0	0.83	1.03	Pass
12/25/2020 12:04 PM	Pump Engine 1	%	0	4.275	4.28	0.01	26.8	26.753	-0.05	-0.18	0	4.28	1.19	Fail
12/25/2020 12:04 PM	Pump Engine 5	%	0	0.488	0.49	0	26.3	26.14	-0.16	-0.61	0	0.49	1.03	Pass
12/25/2020 12:04 PM	Pump Engine 4	%	0	0.983	0.98	0	26	26.025	0.02	0.1	0.01	0.98	1.04	Pass
12/26/2020 12:04 PM	Pump Engine 5	%	0	-0.573	-0.57	0	26.3	26.13	-0.17	-0.65	0	-0.57	0.98	Pass
12/26/2020 12:04 PM	Pump Engine 4	%	0	-1.255	-1.26	0.01	26	26.023	0.02	0.09	0	-1.26	0.95	Pass
12/26/2020 12:04 PM	Pump Engine 1	%	0	-6.42	-6.42	0	26.8	26.733	-0.07	-0.25	0	-6.42	0.81	Fail
12/26/2020 12:04 PM	Pump Engine 2	%	0	-1.268	-1.27	0.01	26.6	26.543	-0.06	-0.21	0.01	-1.27	0.96	Pass
12/27/2020 12:04 PM	Pump Engine 1	%	0	0.27	0.27	0	26.8	26.72	-0.08	-0.3	0	0.27	1.01	Pass
12/27/2020 12:04 PM	Pump Engine 4	%	0	-0.073	-0.07	0	26	26.02	0.02	0.08	0.01	-0.07	1	Pass
12/27/2020 12:04 PM	Pump Engine 2	%	0	-0.073	-0.07	0	26.6	26.568	-0.03	-0.12	0.01	-0.07	1	Pass
12/27/2020 12:04 PM	Pump Engine 5	%	0	-0.018	-0.02	0	26.3	26.13	-0.17	-0.65	0	-0.02	1.01	Pass
12/28/2020 12:04 PM	Pump Engine 5	%	0	0.043	0.04	0	26.3	26.135	-0.16	-0.63	0.01	0.04	1.01	Pass
12/28/2020 12:04 PM	Pump Engine 2	%	0	0.06	0.06	0.01	26.6	26.538	-0.06	-0.23	0.01	0.06	1	Pass
12/28/2020 12:04 PM	Pump Engine 1	%	0	0.32	0.32	0	26.8	26.74	-0.06	-0.22	0.01	0.32	1.01	Pass
12/28/2020 12:04 PM	Pump Engine 4	%	0	0.01	0.01	0.01	26	26.035	0.03	0.13	0.01	0.01	1	Pass
12/29/2020 12:04 PM	Pump Engine 4	%	0	-0.115	-0.12	0.01	26	26.023	0.02	0.09	0	-0.12	0.99	Pass
12/29/2020 12:04 PM	Pump Engine 1	%	0	-0.23	-0.23	0	26.8	26.73	-0.07	-0.26	0	-0.23	0.99	Pass
12/29/2020 12:04 PM	Pump Engine 5	%	0	-0.11	-0.11	0	26.3	26.13	-0.17	-0.65	0	-0.11	1	Pass
12/29/2020 12:04 PM	Pump Engine 2	%	0	-0.157	-0.16	0	26.6	26.545	-0.06	-0.21	0.01	-0.16	1	Pass
12/30/2020 12:04 PM	Pump Engine 2	%	0	-0.025	-0.03	0.01	26.6	26.538	-0.06	-0.23	0	-0.03	1	Pass
12/30/2020 12:04 PM	Pump Engine 1	%	0	-0.16	-0.16	0	26.8	26.733	-0.07	-0.25	0.01	-0.16	1	Pass
12/30/2020 12:04 PM	Pump Engine 5	%	0	-0.02	-0.02	0	26.3	26.13	-0.17	-0.65	0	-0.02	1.01	Pass
12/30/2020 12:04 PM	Pump Engine 4	%	0	-0.015	-0.02	0.01	26	26.015	0.01	0.06	0.01	-0.02	1	Pass
12/31/2020 12:04 PM	Pump Engine 5	%	0	0.188	0.19	0	26.3	26.138	-0.16	-0.62	0	0.19	1.01	Pass
12/31/2020 12:04 PM	Pump Engine 4	%	0	0.315	0.32	0.01	26	26.035	0.03	0.13	0.01	0.32	1.01	Pass
12/31/2020 12:04 PM	Pump Engine 1	%	0	1.278	1.28	0	26.8	26.73	-0.07	-0.26	0	1.28	1.05	Pass
12/31/2020 12:04 PM	Pump Engine 2	%	0	0.365	0.37	0.01	26.6	26.535	-0.07	-0.24	0.01	0.37	1.02	Pass

APPENDIX B

6 MINUTES EXCEEDANCES REPORT



Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group: Valid Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 10:12	28.1				
11/15/2020 10:18	57.8				
11/15/2020 10:24	52.9				
11/15/2020 10:30	43.4				
11/15/2020 10:36	31				
11/15/2020 10:42	22.4				
11/15/2020 14:06	40.2				
11/15/2020 14:12	29.4				
11/20/2020 12:18	21.2				
11/20/2020 12:24	21.8				
11/27/2020 15:42	21.8				
11/27/2020 16:30	21.3				
12/7/2020 19:36	20.8				
12/7/2020 19:42	41.1				
12/7/2020 19:48	39.1				
12/7/2020 19:54	32.2				
12/9/2020 14:06	24.8				
12/9/2020 14:12	28				
12/9/2020 14:18	23.7				
12/9/2020 14:24	20				
12/28/2020 13:48	24.8				
Maximum	57.8				
Minimum	20.0				
Exceedances	20				

Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group: Valid Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 8:24		20.9			
10/16/2020 11:00		20.9			
11/4/2020 10:18		26.2			
12/4/2020 15:54		21.1			

Maximum		26.2			
Minimum		20.9			
Exceedances		4			

Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group: Valid Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%

Maximum			0.0		
Minimum			0.0		
Exceedances			0		

Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group: Valid Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 9:42				20.3	
11/11/2020 20:06				29.1	
11/11/2020 20:12				78.1	
11/11/2020 20:18				62.1	
11/11/2020 21:06				25.9	
11/11/2020 21:12				49.2	
11/11/2020 21:18				45.5	
12/11/2020 10:24				58.1	
11/12/2020 10:30				70.1	
11/12/2020 10:36				23.1	
Maximum				20.3	
Minimum				20.3	
Exceedances				10	

Opacity Data Summary Report

Company: New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group: Valid Data

Report Name: 4th Quarter 2020

Start of Report: 10/1/2020 0:00

End of Report: 12/31/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%

Maximum					0.0
Minimum					0.0
Exceedances					0

APPENDIX C

6 MINUTES OPACITY DATA

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/1/2020 12:00 AM	0.9	-0.6	---	3.4	-0.2
10/1/2020 12:06 AM	0.7	-0.6	---	3.2	-0.2
10/1/2020 12:12 AM	0.6	-0.6	---	3.0	-0.2
10/1/2020 12:18 AM	0.6	-0.6	---	2.9	-0.2
10/1/2020 12:24 AM	0.6	-0.6	---	2.8	-0.2
10/1/2020 12:30 AM	0.6	-0.6	---	2.6	-0.2
10/1/2020 12:36 AM	0.6	-0.6	---	2.6	-0.2
10/1/2020 12:42 AM	0.7	-0.6	---	2.6	-0.2
10/1/2020 12:48 AM	0.7	-0.6	---	2.5	-0.2
10/1/2020 12:54 AM	0.7	-0.6	---	2.5	-0.2
10/1/2020 1:00 AM	0.6	-0.6	---	2.3	-0.2
10/1/2020 1:06 AM	0.6	-0.6	---	2.2	-0.2
10/1/2020 1:12 AM	0.6	-0.5	---	2.2	-0.2
10/1/2020 1:18 AM	0.6	-0.5	---	2.2	-0.2
10/1/2020 1:24 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 1:30 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 1:36 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 1:42 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 1:48 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 1:54 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:00 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 2:06 AM	0.7	-0.5	---	2.2	-0.2
10/1/2020 2:12 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:18 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:24 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:30 AM	0.7	-0.5	---	2.0	-0.2
10/1/2020 2:36 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:42 AM	0.7	-0.5	---	2.1	-0.2
10/1/2020 2:48 AM	0.7	-0.5	---	2.0	-0.2
10/1/2020 2:54 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:00 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:06 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:12 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:18 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:24 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:30 AM	0.7	-0.4	---	2.1	-0.2
10/1/2020 3:36 AM	0.7	-0.4	---	2.1	-0.2
10/1/2020 3:42 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:48 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 3:54 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 4:00 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 4:06 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 4:12 AM	0.7	-0.4	---	2.0	-0.2
10/1/2020 4:18 AM	0.7	-0.4	---	2.1	-0.2
10/1/2020 4:24 AM	0.7	-0.4	---	2.2	-0.2
10/1/2020 4:30 AM	0.7	-0.4	---	2.1	-0.2
10/1/2020 4:36 AM	0.7	-0.4	---	2.1	-0.2
10/1/2020 4:42 AM	0.7	-0.3	---	2.1	-0.2
10/1/2020 4:48 AM	0.7	-0.3	---	2.0	-0.2
10/1/2020 4:54 AM	0.7	-0.3	---	1.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/1/2020 5:00 AM	0.7	-0.3	---	1.9	-0.2
10/1/2020 5:06 AM	0.7	-0.3	---	2.0	-0.2
10/1/2020 5:12 AM	0.7	-0.3	---	2.0	-0.2
10/1/2020 5:18 AM	0.7	-0.3	---	2.0	-0.2
10/1/2020 5:24 AM	0.7	-0.3	---	1.9	-0.2
10/1/2020 5:30 AM	0.7	-0.3	---	1.9	-0.2
10/1/2020 5:36 AM	0.7	-0.3	---	1.9	-0.2
10/1/2020 5:42 AM	0.7	-0.2	---	1.9	-0.2
10/1/2020 5:48 AM	0.7	-0.2	---	1.9	-0.2
10/1/2020 5:54 AM	0.7	-0.2	---	1.9	-0.2
10/1/2020 6:00 AM	0.7	-0.2	---	2.0	-0.2
10/1/2020 6:06 AM	0.7	-0.2	---	2.0	-0.2
10/1/2020 6:12 AM	0.7	-0.2	---	2.0	-0.2
10/1/2020 6:18 AM	0.7	-0.1	---	2.0	-0.2
10/1/2020 6:24 AM	0.7	-0.1	---	1.9	-0.2
10/1/2020 6:30 AM	0.7	-0.1	---	2.0	-0.2
10/1/2020 6:36 AM	0.7	-0.1	---	2.8	-0.2
10/1/2020 6:42 AM	0.7	-0.1	---	3.5	-0.2
10/1/2020 6:48 AM	0.7	-0.1	---	3.5	-0.2
10/1/2020 6:54 AM	0.7	0.0	---	3.4	-0.2
10/1/2020 7:00 AM	0.7	0.0	---	3.2	-0.2
10/1/2020 7:06 AM	0.7	0.0	---	3.3	-0.2
10/1/2020 7:12 AM	0.7	0.0	---	3.2	-0.2
10/1/2020 7:18 AM	0.7	0.0	---	3.3	-0.2
10/1/2020 7:24 AM	0.7	0.1	---	3.4	-0.2
10/1/2020 7:30 AM	0.7	0.1	---	3.4	-0.2
10/1/2020 7:36 AM	0.7	0.0	---	3.2	-0.2
10/1/2020 7:42 AM	0.8	0.0	---	3.2	-0.2
10/1/2020 7:48 AM	2.6	-0.1	---	3.3	-0.2
10/1/2020 7:54 AM	3.4	-0.1	---	2.0	-0.2
10/1/2020 8:00 AM	2.1	-0.1	---	0.8	-0.2
10/1/2020 8:06 AM	2.0	-0.1	---	1.0	-0.2
10/1/2020 8:12 AM	2.0	-0.1	---	1.3	-0.2
10/1/2020 8:18 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:24 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:30 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:36 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:42 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:48 AM	1.9	-0.1	---	1.5	-0.2
10/1/2020 8:54 AM	1.8	-0.2	---	1.5	-0.2
10/1/2020 9:00 AM	1.8	-0.2	---	1.5	-0.2
10/1/2020 9:06 AM	2.0	-0.2	---	1.5	-0.1
10/1/2020 9:12 AM	2.2	-0.2	---	1.5	-0.1
10/1/2020 9:18 AM	2.3	-0.1	---	1.4	-0.1
10/1/2020 9:24 AM	2.3	-0.1	---	1.4	-0.1
10/1/2020 9:30 AM	2.3	-0.1	---	1.4	-0.1
10/1/2020 9:36 AM	2.3	0.0	---	1.4	-0.1
10/1/2020 9:42 AM	2.2	0.0	---	1.4	-0.1
10/1/2020 9:48 AM	2.1	0.0	---	1.4	-0.1
10/1/2020 9:54 AM	2.0	0.1	---	1.4	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/1/2020 10:00 AM	1.8	0.1	---	1.4	-0.1
10/1/2020 10:06 AM	1.7	0.1	---	1.4	-0.2
10/1/2020 10:12 AM	1.6	0.1	---	1.4	-0.1
10/1/2020 10:18 AM	1.6	0.1	---	1.4	-0.1
10/1/2020 10:24 AM	1.6	0.1	---	1.4	-0.1
10/1/2020 10:30 AM	1.6	0.1	---	1.4	-0.1
10/1/2020 10:36 AM	1.6	0.2	---	1.5	-0.1
10/1/2020 10:42 AM	1.7	0.2	---	1.4	-0.1
10/1/2020 10:48 AM	1.7	0.2	---	1.4	-0.1
10/1/2020 10:54 AM	1.7	0.2	---	1.3	-0.1
10/1/2020 11:00 AM	1.7	0.2	---	1.3	-0.1
10/1/2020 11:06 AM	1.7	0.2	---	1.3	-0.2
10/1/2020 11:12 AM	1.7	0.3	---	1.4	-0.2
10/1/2020 11:18 AM	1.7	0.3	---	1.5	-0.2
10/1/2020 11:24 AM	1.7	0.3	---	1.4	-0.1
10/1/2020 11:30 AM	1.7	0.3	---	1.4	-0.1
10/1/2020 11:36 AM	1.7	0.4	---	1.3	-0.2
10/1/2020 11:42 AM	1.7	0.4	---	1.3	-0.2
10/1/2020 11:48 AM	1.7	0.3	---	1.3	-0.2
10/1/2020 11:54 AM	1.7	0.3	---	1.4	-0.1
10/1/2020 12:00 PM	1.6	0.2	---	1.4	-0.1
10/1/2020 12:06 PM	1.2	0.1	---	1.5	-0.1
10/1/2020 12:12 PM	1.2	0.1	---	1.5	0.0
10/1/2020 12:18 PM	1.2	0.2	---	1.5	0.0
10/1/2020 12:24 PM	1.2	0.2	---	1.5	0.0
10/1/2020 12:30 PM	1.2	0.3	---	1.4	0.0
10/1/2020 12:36 PM	1.2	0.4	---	1.4	-0.1
10/1/2020 12:42 PM	1.2	0.4	---	1.5	-0.1
10/1/2020 12:48 PM	1.2	0.5	---	1.5	-0.1
10/1/2020 12:54 PM	1.2	0.6	---	1.5	-0.1
10/1/2020 1:00 PM	1.2	0.6	---	1.5	-0.1
10/1/2020 1:06 PM	1.2	0.7	---	1.5	-0.1
10/1/2020 1:12 PM	1.2	0.7	---	1.5	-0.1
10/1/2020 1:18 PM	1.2	0.7	---	1.4	-0.1
10/1/2020 1:24 PM	1.2	0.8	---	1.4	-0.1
10/1/2020 1:30 PM	1.2	0.8	---	1.4	-0.1
10/1/2020 1:36 PM	1.2	0.8	---	1.5	-0.1
10/1/2020 1:42 PM	1.2	0.8	---	1.6	-0.1
10/1/2020 1:48 PM	1.2	0.8	---	1.5	-0.1
10/1/2020 1:54 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:00 PM	1.2	0.9	---	1.3	-0.1
10/1/2020 2:06 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:12 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:18 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:24 PM	1.2	0.9	---	1.5	-0.1
10/1/2020 2:30 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:36 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:42 PM	1.2	0.9	---	1.4	-0.1
10/1/2020 2:48 PM	1.1	0.9	---	1.4	-0.1
10/1/2020 2:54 PM	1.1	0.9	---	1.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

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10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/1/2020 3:00 PM	1.2	0.9	---	1.3	-0.1
10/1/2020 3:06 PM	1.1	0.8	---	1.3	-0.1
10/1/2020 3:12 PM	1.1	0.8	---	1.3	-0.1
10/1/2020 3:18 PM	1.1	0.7	---	1.2	-0.1
10/1/2020 3:24 PM	1.1	0.6	---	1.2	-0.1
10/1/2020 3:30 PM	1.1	0.4	---	1.2	-0.1
10/1/2020 3:36 PM	1.1	0.3	---	1.3	-0.1
10/1/2020 3:42 PM	1.1	0.4	---	1.3	-0.1
10/1/2020 3:48 PM	1.1	0.5	---	1.3	-0.1
10/1/2020 3:54 PM	1.1	0.6	---	1.3	-0.1
10/1/2020 4:00 PM	1.1	0.6	---	1.3	-0.1
10/1/2020 4:06 PM	1.1	0.6	---	1.3	-0.1
10/1/2020 4:12 PM	1.1	0.6	---	1.3	-0.1
10/1/2020 4:18 PM	1.1	0.7	---	1.3	-0.1
10/1/2020 4:24 PM	1.1	0.8	---	1.4	-0.1
10/1/2020 4:30 PM	1.1	0.8	---	1.3	-0.1
10/1/2020 4:36 PM	1.1	0.8	---	1.2	-0.1
10/1/2020 4:42 PM	1.1	0.9	---	1.3	-0.1
10/1/2020 4:48 PM	1.1	0.9	---	1.4	-0.1
10/1/2020 4:54 PM	1.1	0.9	---	1.5	-0.1
10/1/2020 5:00 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:06 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:12 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:18 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:24 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:30 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:36 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:42 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 5:48 PM	1.1	1.0	---	1.3	-0.1
10/1/2020 5:54 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 6:00 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 6:06 PM	1.1	1.0	---	1.4	-0.1
10/1/2020 6:12 PM	1.1	1.0	---	1.3	-0.1
10/1/2020 6:18 PM	1.1	1.1	---	1.3	-0.1
10/1/2020 6:24 PM	1.1	1.1	---	1.3	-0.1
10/1/2020 6:30 PM	1.1	1.1	---	1.3	-0.1
10/1/2020 6:36 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 6:42 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 6:48 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 6:54 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 7:00 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 7:06 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 7:12 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 7:18 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 7:24 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 7:30 PM	1.1	1.1	---	1.4	-0.1
10/1/2020 7:36 PM	1.0	1.1	---	1.4	-0.1
10/1/2020 7:42 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 7:48 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 7:54 PM	1.0	1.1	---	1.4	-0.1

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
10/1/2020 8:00 PM	1.0	1.1	---	1.4	-0.1
10/1/2020 8:06 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:12 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:18 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 8:24 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:30 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:36 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:42 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 8:48 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 8:54 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 9:00 PM	1.1	1.1	---	1.6	-0.1
10/1/2020 9:06 PM	1.0	1.1	---	1.6	-0.1
10/1/2020 9:12 PM	1.0	1.1	---	1.6	-0.1
10/1/2020 9:18 PM	1.0	1.1	---	1.6	-0.1
10/1/2020 9:24 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 9:30 PM	1.1	1.1	---	1.5	-0.1
10/1/2020 9:36 PM	1.0	1.1	---	1.5	-0.1
10/1/2020 9:42 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 9:48 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 9:54 PM	1.1	1.2	---	1.5	-0.1
10/1/2020 10:00 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:06 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:12 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:18 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:24 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:30 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:36 PM	1.0	1.2	---	1.5	-0.1
10/1/2020 10:42 PM	1.0	1.2	---	1.4	-0.1
10/1/2020 10:48 PM	1.0	1.2	---	1.0	-0.1
10/1/2020 10:54 PM	1.0	1.2	---	0.8	-0.1
10/1/2020 11:00 PM	1.0	1.2	---	0.9	-0.1
10/1/2020 11:06 PM	1.1	1.2	---	0.9	-0.1
10/1/2020 11:12 PM	1.1	1.2	---	0.9	-0.1
10/1/2020 11:18 PM	1.1	1.2	---	0.9	-0.1
10/1/2020 11:24 PM	1.1	1.2	---	1.0	-0.1
10/1/2020 11:30 PM	1.0	1.3	---	1.0	-0.1
10/1/2020 11:36 PM	1.0	1.3	---	1.0	-0.1
10/1/2020 11:42 PM	1.2	1.3	---	0.6	-0.1
10/1/2020 11:48 PM	1.3	1.3	---	-0.2	-0.1
10/1/2020 11:54 PM	1.3	1.3	---	-0.5	-0.1
10/2/2020 12:00 AM	1.3	1.3	---	-0.5	-0.1
10/2/2020 12:06 AM	1.4	1.4	---	-0.5	-0.1
10/2/2020 12:12 AM	1.4	1.4	---	-0.5	-0.1
10/2/2020 12:18 AM	1.4	1.4	---	-0.5	-0.1
10/2/2020 12:24 AM	1.3	1.3	---	-0.5	-0.1
10/2/2020 12:30 AM	1.0	1.3	---	-0.5	-0.1
10/2/2020 12:36 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 12:42 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 12:48 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 12:54 AM	0.9	1.3	---	-0.5	-0.1

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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Report Name:

4th Quarter 2020

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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/2/2020 1:00 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 1:06 AM	0.8	1.4	---	-0.5	-0.1
10/2/2020 1:12 AM	0.8	1.5	---	-0.5	-0.1
10/2/2020 1:18 AM	0.8	1.5	---	-0.5	-0.1
10/2/2020 1:24 AM	0.8	1.5	---	-0.5	-0.1
10/2/2020 1:30 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 1:36 AM	0.8	1.4	---	-0.5	-0.1
10/2/2020 1:42 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 1:48 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 1:54 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:00 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:06 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:12 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:18 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:24 AM	0.8	1.3	---	-0.5	-0.1
10/2/2020 2:30 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 2:36 AM	0.9	1.4	---	-0.5	-0.1
10/2/2020 2:42 AM	0.9	1.4	---	-0.5	-0.1
10/2/2020 2:48 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 2:54 AM	0.9	1.2	---	-0.4	-0.1
10/2/2020 3:00 AM	0.9	1.2	---	-0.5	-0.1
10/2/2020 3:06 AM	0.9	1.2	---	-0.5	-0.1
10/2/2020 3:12 AM	0.9	1.2	---	-0.4	-0.1
10/2/2020 3:18 AM	0.9	1.2	---	-0.5	-0.1
10/2/2020 3:24 AM	0.9	1.2	---	-0.5	-0.1
10/2/2020 3:30 AM	0.9	1.3	---	-0.5	-0.1
10/2/2020 3:36 AM	0.8	1.4	---	-0.5	-0.1
10/2/2020 3:42 AM	0.7	1.5	---	-0.5	-0.1
10/2/2020 3:48 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 3:54 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 4:00 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 4:06 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 4:12 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 4:18 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 4:24 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 4:30 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 4:36 AM	0.7	1.5	---	-0.5	-0.1
10/2/2020 4:42 AM	0.7	1.5	---	-0.5	-0.1
10/2/2020 4:48 AM	0.7	1.5	---	-0.5	-0.1
10/2/2020 4:54 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 5:00 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 5:06 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 5:12 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 5:18 AM	0.7	1.3	---	-0.5	-0.1
10/2/2020 5:24 AM	0.7	1.4	---	-0.5	-0.1
10/2/2020 5:30 AM	0.7	1.5	---	-0.5	-0.1
10/2/2020 5:36 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 5:42 AM	0.7	1.7	---	-0.4	-0.1
10/2/2020 5:48 AM	0.7	1.8	---	-0.4	-0.1
10/2/2020 5:54 AM	0.7	1.8	---	-0.5	-0.1

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Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/2/2020 6:00 AM	0.7	1.8	---	-0.5	-0.1
10/2/2020 6:06 AM	0.7	1.8	---	-0.5	-0.1
10/2/2020 6:12 AM	0.6	1.8	---	-0.5	-0.1
10/2/2020 6:18 AM	0.6	1.8	---	-0.5	-0.1
10/2/2020 6:24 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 6:30 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 6:36 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 6:42 AM	0.7	1.6	---	-0.5	-0.1
10/2/2020 6:48 AM	0.7	1.7	---	-0.5	-0.1
10/2/2020 6:54 AM	0.7	1.8	---	-0.4	-0.1
10/2/2020 7:00 AM	0.6	1.9	---	-0.4	0.0
10/2/2020 7:06 AM	0.7	1.9	---	-0.4	0.0
10/2/2020 7:12 AM	0.9	1.9	---	-0.4	0.0
10/2/2020 7:18 AM	0.9	2.0	---	-0.4	0.0
10/2/2020 7:24 AM	0.8	2.0	---	-0.4	9.8
10/2/2020 7:30 AM	0.7	2.1	---	-0.4	15.5
10/2/2020 7:36 AM	0.7	2.1	---	-0.5	7.9
10/2/2020 7:42 AM	0.7	2.0	---	-0.5	5.6
10/2/2020 7:48 AM	0.7	2.0	---	-0.5	5.2
10/2/2020 7:54 AM	0.7	1.9	---	-0.5	5.5
10/2/2020 8:00 AM	0.7	1.8	---	-0.5	5.4
10/2/2020 8:06 AM	0.7	1.8	---	-0.5	4.8
10/2/2020 8:12 AM	0.7	1.8	---	-0.5	4.1
10/2/2020 8:18 AM	0.7	1.7	---	-0.5	3.5
10/2/2020 8:24 AM	0.7	1.7	---	-0.4	3.1
10/2/2020 8:30 AM	0.7	1.7	---	-0.5	2.9
10/2/2020 8:36 AM	0.7	1.6	---	-0.5	2.7
10/2/2020 8:42 AM	0.7	1.6	---	-0.4	2.6
10/2/2020 8:48 AM	0.8	1.7	---	1.8	2.5
10/2/2020 8:54 AM	0.9	1.6	---	5.4	2.4
10/2/2020 9:00 AM	0.8	1.6	---	1.7	2.4
10/2/2020 9:06 AM	0.9	1.6	---	-0.2	2.3
10/2/2020 9:12 AM	0.9	1.6	---	-0.4	2.3
10/2/2020 9:18 AM	0.9	1.6	---	-0.4	2.3
10/2/2020 9:24 AM	0.8	1.6	---	-0.4	2.2
10/2/2020 9:30 AM	0.9	1.6	---	-0.4	2.2
10/2/2020 9:36 AM	0.9	1.7	---	-0.4	2.2
10/2/2020 9:42 AM	0.9	1.7	---	-0.4	2.2
10/2/2020 9:48 AM	0.8	1.8	---	-0.4	2.1
10/2/2020 9:54 AM	0.8	1.8	---	-0.4	2.2
10/2/2020 10:00 AM	0.8	1.8	---	-0.4	2.2
10/2/2020 10:06 AM	0.8	1.8	---	-0.4	2.2
10/2/2020 10:12 AM	0.8	1.9	---	-0.4	2.2
10/2/2020 10:18 AM	0.8	1.9	---	-0.4	2.2
10/2/2020 10:24 AM	0.8	1.9	---	-0.4	2.2
10/2/2020 10:30 AM	0.8	1.9	---	-0.4	2.2
10/2/2020 10:36 AM	0.8	1.9	---	-0.4	2.2
10/2/2020 10:42 AM	0.8	1.8	---	-0.4	2.2
10/2/2020 10:48 AM	0.8	1.8	---	-0.4	2.2
10/2/2020 10:54 AM	0.8	1.8	---	-0.4	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/2/2020 11:00 AM	0.8	1.8	---	-0.4	2.1
10/2/2020 11:06 AM	0.8	1.9	---	-0.4	2.1
10/2/2020 11:12 AM	0.9	1.9	---	-0.4	2.1
10/2/2020 11:18 AM	0.9	2.0	---	-0.4	2.1
10/2/2020 11:24 AM	0.9	2.0	---	-0.4	2.1
10/2/2020 11:30 AM	0.9	2.0	---	-0.4	2.1
10/2/2020 11:36 AM	0.9	1.9	---	-0.4	2.1
10/2/2020 11:42 AM	0.9	1.8	---	-0.4	2.1
10/2/2020 11:48 AM	0.9	1.7	---	-0.4	2.1
10/2/2020 11:54 AM	0.9	1.6	---	-0.4	2.1
10/2/2020 12:00 PM	1.0	1.4	---	-0.4	2.1
10/2/2020 12:06 PM	1.1	0.8	---	-0.5	2.1
10/2/2020 12:12 PM	1.2	0.6	---	-0.5	2.1
10/2/2020 12:18 PM	1.2	0.4	---	-0.5	2.2
10/2/2020 12:24 PM	1.2	0.3	---	-0.4	2.1
10/2/2020 12:30 PM	1.2	0.4	---	-0.4	2.1
10/2/2020 12:36 PM	1.2	0.5	---	-0.5	2.1
10/2/2020 12:42 PM	1.2	0.6	---	-0.4	2.1
10/2/2020 12:48 PM	1.3	0.7	---	-0.4	2.1
10/2/2020 12:54 PM	1.2	0.9	---	-0.4	2.1
10/2/2020 1:00 PM	1.2	1.1	---	-0.4	2.0
10/2/2020 1:06 PM	1.2	13.4	---	-0.4	2.0
10/2/2020 1:12 PM	1.2	16.1	---	-0.4	2.0
10/2/2020 1:18 PM	1.2	5.6	---	-0.4	2.0
10/2/2020 1:24 PM	1.2	4.8	---	-0.5	2.0
10/2/2020 1:30 PM	1.2	3.6	---	-0.5	2.0
10/2/2020 1:36 PM	1.2	2.6	---	-0.5	2.0
10/2/2020 1:42 PM	1.2	1.7	---	-0.5	2.1
10/2/2020 1:48 PM	1.3	1.3	---	-0.5	2.1
10/2/2020 1:54 PM	<Samp	<Samp	---	<Samp	<Samp
10/2/2020 2:00 PM	Maintain	Maintain	---	Maintain	Maintain
10/2/2020 2:06 PM	1.3	0.6	---	-0.4	2.1
10/2/2020 2:12 PM	1.3	0.6	---	-0.4	2.1
10/2/2020 2:18 PM	1.3	0.7	---	-0.4	2.1
10/2/2020 2:24 PM	1.3	0.8	---	-0.4	2.1
10/2/2020 2:30 PM	1.3	1.0	---	-0.4	2.1
10/2/2020 2:36 PM	1.3	1.3	---	-0.4	2.1
10/2/2020 2:42 PM	1.3	1.5	---	-0.4	2.1
10/2/2020 2:48 PM	1.3	1.6	---	-0.4	2.1
10/2/2020 2:54 PM	1.3	1.8	---	-0.4	2.1
10/2/2020 3:00 PM	1.3	1.9	---	-0.4	2.1
10/2/2020 3:06 PM	1.3	1.9	---	-0.4	2.1
10/2/2020 3:12 PM	1.3	1.9	---	-0.4	2.1
10/2/2020 3:18 PM	1.3	2.1	---	-0.4	2.0
10/2/2020 3:24 PM	1.3	2.2	---	-0.4	2.0
10/2/2020 3:30 PM	1.3	2.2	---	-0.4	2.1
10/2/2020 3:36 PM	1.4	2.1	---	-0.4	2.1
10/2/2020 3:42 PM	1.3	1.9	---	-0.4	2.0
10/2/2020 3:48 PM	1.3	1.7	---	-0.4	2.0
10/2/2020 3:54 PM	1.3	1.6	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/2/2020 4:00 PM	1.3	1.7	---	-0.4	2.0
10/2/2020 4:06 PM	1.3	1.7	---	-0.4	2.0
10/2/2020 4:12 PM	1.3	1.7	---	-0.4	2.0
10/2/2020 4:18 PM	1.4	1.8	---	-0.4	2.0
10/2/2020 4:24 PM	1.4	1.9	---	-0.4	1.9
10/2/2020 4:30 PM	1.4	1.9	---	-0.4	1.9
10/2/2020 4:36 PM	1.4	2.0	---	-0.4	1.9
10/2/2020 4:42 PM	1.4	2.0	---	-0.4	1.9
10/2/2020 4:48 PM	1.4	2.1	---	-0.4	1.9
10/2/2020 4:54 PM	1.3	2.1	---	-0.4	1.9
10/2/2020 5:00 PM	1.3	2.1	---	-0.4	1.9
10/2/2020 5:06 PM	1.3	2.0	---	-0.4	1.9
10/2/2020 5:12 PM	1.3	2.0	---	-0.4	1.9
10/2/2020 5:18 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 5:24 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 5:30 PM	1.4	1.9	---	-0.4	1.9
10/2/2020 5:36 PM	1.3	2.0	---	-0.4	1.9
10/2/2020 5:42 PM	1.3	2.0	---	-0.4	1.9
10/2/2020 5:48 PM	1.3	2.0	---	-0.4	1.9
10/2/2020 5:54 PM	1.3	2.1	---	-0.4	1.9
10/2/2020 6:00 PM	1.3	2.1	---	-0.4	2.0
10/2/2020 6:06 PM	1.3	2.0	---	-0.4	2.0
10/2/2020 6:12 PM	1.3	2.0	---	-0.4	2.0
10/2/2020 6:18 PM	1.3	1.9	---	-0.4	2.0
10/2/2020 6:24 PM	1.4	1.9	---	-0.4	1.9
10/2/2020 6:30 PM	1.4	1.9	---	-0.4	2.0
10/2/2020 6:36 PM	1.4	1.9	---	-0.4	2.0
10/2/2020 6:42 PM	1.4	1.9	---	-0.4	2.0
10/2/2020 6:48 PM	1.3	1.9	---	-0.4	2.0
10/2/2020 6:54 PM	1.3	1.9	---	-0.4	2.0
10/2/2020 7:00 PM	1.3	1.9	---	-0.4	2.0
10/2/2020 7:06 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 7:12 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 7:18 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 7:24 PM	1.3	1.9	---	-0.4	1.9
10/2/2020 7:30 PM	1.2	1.9	---	-0.4	1.9
10/2/2020 7:36 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 7:42 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 7:48 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 7:54 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 8:00 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 8:06 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 8:12 PM	1.1	1.9	---	-0.4	2.0
10/2/2020 8:18 PM	1.1	1.9	---	-0.4	1.9
10/2/2020 8:24 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 8:30 PM	1.2	1.9	---	-0.4	1.9
10/2/2020 8:36 PM	1.2	1.9	---	-0.4	1.9
10/2/2020 8:42 PM	1.2	1.9	---	-0.4	1.9
10/2/2020 8:48 PM	1.2	1.9	---	-0.4	2.0
10/2/2020 8:54 PM	1.2	1.9	---	-0.4	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

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4th Quarter 2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/2/2020 9:00 PM	1.2	1.8	---	-0.4	1.9
10/2/2020 9:06 PM	1.1	1.8	---	-0.3	1.9
10/2/2020 9:12 PM	1.1	1.8	---	-0.3	1.9
10/2/2020 9:18 PM	1.1	1.8	---	-0.3	1.9
10/2/2020 9:24 PM	1.1	1.8	---	-0.3	1.9
10/2/2020 9:30 PM	1.0	1.8	---	-0.3	1.9
10/2/2020 9:36 PM	0.9	1.8	---	-0.3	1.9
10/2/2020 9:42 PM	0.9	1.7	---	-0.3	1.9
10/2/2020 9:48 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 9:54 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:00 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:06 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:12 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:18 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:24 PM	1.0	1.7	---	-0.3	2.0
10/2/2020 10:30 PM	1.0	1.7	---	-0.3	1.9
10/2/2020 10:36 PM	1.0	1.7	---	-0.3	1.9
10/2/2020 10:42 PM	1.0	1.6	---	-0.3	1.9
10/2/2020 10:48 PM	1.0	1.6	---	-0.3	1.9
10/2/2020 10:54 PM	0.9	1.6	---	-0.3	1.9
10/2/2020 11:00 PM	1.0	1.6	---	-0.3	1.9
10/2/2020 11:06 PM	0.9	1.6	---	-0.3	1.9
10/2/2020 11:12 PM	0.9	1.6	---	-0.3	1.8
10/2/2020 11:18 PM	0.9	1.6	---	-0.3	1.8
10/2/2020 11:24 PM	1.0	1.6	---	-0.3	1.8
10/2/2020 11:30 PM	1.0	1.6	---	-0.3	0.9
10/2/2020 11:36 PM	0.9	1.6	---	-0.3	-0.1
10/2/2020 11:42 PM	0.9	1.6	---	-0.3	-0.1
10/2/2020 11:48 PM	0.9	1.5	---	-0.3	-0.1
10/2/2020 11:54 PM	0.9	1.5	---	-0.3	-0.1
10/3/2020 12:00 AM	0.9	1.5	---	-0.3	-0.1
10/3/2020 12:06 AM	0.9	1.5	---	-0.3	-0.1
10/3/2020 12:12 AM	0.9	1.5	---	-0.3	-0.1
10/3/2020 12:18 AM	1.0	1.5	---	-0.3	-0.1
10/3/2020 12:24 AM	1.0	1.5	---	-0.3	-0.1
10/3/2020 12:30 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 12:36 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 12:42 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 12:48 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 12:54 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 1:00 AM	1.2	1.6	---	-0.3	-0.1
10/3/2020 1:06 AM	1.2	1.6	---	-0.3	-0.1
10/3/2020 1:12 AM	1.2	1.6	---	-0.3	-0.2
10/3/2020 1:18 AM	1.2	1.6	---	-0.3	-0.2
10/3/2020 1:24 AM	1.2	1.6	---	-0.3	-0.1
10/3/2020 1:30 AM	1.2	1.6	---	-0.3	-0.1
10/3/2020 1:36 AM	1.2	1.6	---	-0.3	-0.1
10/3/2020 1:42 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 1:48 AM	1.2	1.5	---	-0.3	-0.2
10/3/2020 1:54 AM	1.2	1.5	---	-0.3	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/3/2020 2:00 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:06 AM	1.2	1.5	---	-0.3	-0.2
10/3/2020 2:12 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:18 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:24 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:30 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:36 AM	1.2	1.5	---	-0.3	-0.2
10/3/2020 2:42 AM	1.2	1.5	---	-0.3	-0.2
10/3/2020 2:48 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 2:54 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 3:00 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 3:06 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 3:12 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 3:18 AM	1.1	1.4	---	-0.3	-0.2
10/3/2020 3:24 AM	1.1	1.4	---	-0.3	-0.2
10/3/2020 3:30 AM	1.1	1.4	---	-0.3	-0.2
10/3/2020 3:36 AM	1.1	1.4	---	-0.3	-0.1
10/3/2020 3:42 AM	1.1	1.4	---	-0.3	-0.1
10/3/2020 3:48 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 3:54 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 4:00 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 4:06 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 4:12 AM	0.9	1.5	---	-0.3	-0.1
10/3/2020 4:18 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 4:24 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 4:30 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 4:36 AM	0.8	1.5	---	-0.3	-0.2
10/3/2020 4:42 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 4:48 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 4:54 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 5:00 AM	0.7	1.6	---	-0.3	-0.1
10/3/2020 5:06 AM	0.7	1.6	---	-0.3	-0.1
10/3/2020 5:12 AM	0.7	1.6	---	-0.3	-0.2
10/3/2020 5:18 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 5:24 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 5:30 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 5:36 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 5:42 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 5:48 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 5:54 AM	0.7	1.5	---	-0.3	-0.2
10/3/2020 6:00 AM	0.7	1.5	---	-0.3	-0.1
10/3/2020 6:06 AM	0.6	1.6	---	-0.3	-0.2
10/3/2020 6:12 AM	0.7	1.6	---	-0.3	-0.2
10/3/2020 6:18 AM	0.6	1.8	---	-0.3	-0.1
10/3/2020 6:24 AM	0.7	2.0	---	-0.3	-0.1
10/3/2020 6:30 AM	0.7	2.1	---	-0.3	-0.2
10/3/2020 6:36 AM	0.7	2.1	---	-0.3	-0.2
10/3/2020 6:42 AM	0.7	2.0	---	-0.3	-0.2
10/3/2020 6:48 AM	0.7	2.0	---	-0.3	-0.2
10/3/2020 6:54 AM	0.7	2.0	---	-0.3	-0.1

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/3/2020 7:00 AM	0.7	2.1	---	-0.3	-0.1
10/3/2020 7:06 AM	0.7	2.2	---	-0.3	-0.1
10/3/2020 7:12 AM	0.7	2.3	---	-0.3	-0.2
10/3/2020 7:18 AM	0.7	2.3	---	-0.3	-0.1
10/3/2020 7:24 AM	0.7	2.4	---	-0.3	-0.1
10/3/2020 7:30 AM	0.7	2.4	---	-0.3	-0.1
10/3/2020 7:36 AM	0.8	2.3	---	-0.3	-0.1
10/3/2020 7:42 AM	0.8	1.9	---	-0.3	-0.1
10/3/2020 7:48 AM	1.0	1.7	---	-0.3	-0.1
10/3/2020 7:54 AM	1.1	1.5	---	-0.3	-0.1
10/3/2020 8:00 AM	1.0	1.4	---	-0.3	-0.2
10/3/2020 8:06 AM	1.0	1.3	---	-0.3	-0.2
10/3/2020 8:12 AM	1.0	1.1	---	-0.3	-0.1
10/3/2020 8:18 AM	1.0	1.0	---	-0.3	-0.1
10/3/2020 8:24 AM	1.0	0.8	---	-0.3	-0.2
10/3/2020 8:30 AM	1.0	0.7	---	-0.3	-0.2
10/3/2020 8:36 AM	1.0	0.5	---	-0.3	-0.2
10/3/2020 8:42 AM	1.1	0.4	---	-0.3	-0.1
10/3/2020 8:48 AM	1.1	0.2	---	-0.3	-0.1
10/3/2020 8:54 AM	1.0	0.2	---	-0.3	-0.1
10/3/2020 9:00 AM	1.0	0.2	---	-0.3	-0.1
10/3/2020 9:06 AM	1.0	0.2	---	-0.3	-0.1
10/3/2020 9:12 AM	1.0	0.3	---	-0.3	-0.1
10/3/2020 9:18 AM	1.0	0.4	---	-0.3	-0.1
10/3/2020 9:24 AM	1.0	0.4	---	-0.3	-0.1
10/3/2020 9:30 AM	1.0	0.5	---	-0.3	-0.1
10/3/2020 9:36 AM	1.0	0.6	---	-0.3	-0.1
10/3/2020 9:42 AM	1.0	0.6	---	-0.3	-0.1
10/3/2020 9:48 AM	1.0	0.7	---	-0.3	-0.1
10/3/2020 9:54 AM	1.0	0.8	---	-0.3	-0.1
10/3/2020 10:00 AM	1.0	0.8	---	-0.3	-0.1
10/3/2020 10:06 AM	1.0	0.8	---	-0.3	-0.1
10/3/2020 10:12 AM	1.0	0.8	---	-0.3	-0.1
10/3/2020 10:18 AM	1.0	16.2	---	-0.3	-0.1
10/3/2020 10:24 AM	1.0	18.8	---	-0.3	-0.1
10/3/2020 10:30 AM	1.0	7.7	---	-0.3	-0.1
10/3/2020 10:36 AM	1.0	6.4	---	-0.3	-0.1
10/3/2020 10:42 AM	1.1	5.1	---	-0.3	-0.1
10/3/2020 10:48 AM	1.1	3.7	---	-0.3	-0.1
10/3/2020 10:54 AM	1.1	3.3	---	-0.3	-0.1
10/3/2020 11:00 AM	1.1	3.3	---	-0.3	-0.1
10/3/2020 11:06 AM	1.1	3.1	---	-0.3	-0.1
10/3/2020 11:12 AM	1.2	2.8	---	-0.3	-0.1
10/3/2020 11:18 AM	1.2	2.3	---	-0.3	-0.1
10/3/2020 11:24 AM	1.2	1.9	---	-0.3	-0.1
10/3/2020 11:30 AM	1.2	1.5	---	-0.3	-0.1
10/3/2020 11:36 AM	1.2	1.2	---	-0.3	-0.1
10/3/2020 11:42 AM	1.3	1.0	---	-0.3	-0.1
10/3/2020 11:48 AM	1.3	0.8	---	-0.3	-0.1
10/3/2020 11:54 AM	1.3	0.7	---	-0.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
10/3/2020 12:00 PM	1.3	0.7	---	-0.3	-0.1
10/3/2020 12:06 PM	1.2	0.8	---	-0.2	-0.1
10/3/2020 12:12 PM	1.2	0.9	---	-0.2	-0.1
10/3/2020 12:18 PM	1.2	0.9	---	-0.3	-0.1
10/3/2020 12:24 PM	1.1	0.9	---	-0.2	-0.1
10/3/2020 12:30 PM	1.1	0.9	---	-0.2	0.0
10/3/2020 12:36 PM	1.1	0.8	---	-0.2	0.0
10/3/2020 12:42 PM	1.0	0.8	---	-0.2	0.0
10/3/2020 12:48 PM	1.0	0.8	---	-0.2	0.0
10/3/2020 12:54 PM	1.1	0.8	---	-0.2	0.0
10/3/2020 1:00 PM	1.1	0.7	---	-0.2	0.0
10/3/2020 1:06 PM	1.0	0.7	---	-0.2	0.0
10/3/2020 1:12 PM	1.0	0.7	---	-0.2	0.0
10/3/2020 1:18 PM	1.0	0.7	---	-0.2	0.0
10/3/2020 1:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 1:30 PM	1.0	0.6	---	-0.3	-0.1
10/3/2020 1:36 PM	1.0	0.6	---	-0.3	-0.1
10/3/2020 1:42 PM	1.0	0.6	---	-0.3	-0.1
10/3/2020 1:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 1:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 2:00 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 2:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 2:12 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:18 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:24 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:30 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:36 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:42 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:48 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 2:54 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 3:00 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 3:06 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 3:12 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 3:18 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 3:24 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 3:30 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 3:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 3:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 3:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 3:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 4:54 PM	1.0	0.6	---	-0.2	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031

**Data Group:**

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/3/2020 5:00 PM	0.9	0.5	---	-0.2	-0.1
10/3/2020 5:06 PM	0.9	0.5	---	-0.2	-0.1
10/3/2020 5:12 PM	0.9	0.5	---	-0.2	-0.1
10/3/2020 5:18 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 5:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 5:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 5:36 PM	1.1	0.6	---	-0.2	-0.1
10/3/2020 5:42 PM	1.1	0.6	---	-0.2	-0.1
10/3/2020 5:48 PM	1.1	0.6	---	-0.2	-0.1
10/3/2020 5:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 6:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 7:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:48 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 8:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 9:48 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 9:54 PM	1.0	0.6	---	-0.2	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/3/2020 10:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:12 PM	1.0	0.5	---	-0.2	-0.1
10/3/2020 10:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:30 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:36 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:42 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 10:48 PM	1.0	0.7	---	-0.2	-0.1
10/3/2020 10:54 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:00 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:06 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:12 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:18 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:24 PM	1.0	0.6	---	-0.2	-0.1
10/3/2020 11:30 PM	0.9	0.6	---	-0.2	-0.1
10/3/2020 11:36 PM	0.9	0.6	---	-0.2	-0.1
10/3/2020 11:42 PM	0.9	0.8	---	-0.2	-0.1
10/3/2020 11:48 PM	0.7	0.9	---	-0.2	-0.1
10/3/2020 11:54 PM	0.3	0.6	---	-0.2	-0.1
10/4/2020 12:00 AM	0.2	0.6	---	-0.2	-0.1
10/4/2020 12:06 AM	0.2	0.6	---	-0.2	-0.1
10/4/2020 12:12 AM	0.2	0.6	---	-0.2	-0.1
10/4/2020 12:18 AM	0.9	0.6	---	-0.2	-0.1
10/4/2020 12:24 AM	1.4	0.4	---	-0.2	-0.1
10/4/2020 12:30 AM	1.2	-0.2	---	-0.2	-0.1
10/4/2020 12:36 AM	1.0	-0.5	---	-0.2	-0.1
10/4/2020 12:42 AM	1.0	-0.5	---	-0.2	-0.1
10/4/2020 12:48 AM	0.9	-0.5	---	-0.2	-0.1
10/4/2020 12:54 AM	0.9	-0.6	---	-0.2	-0.1
10/4/2020 1:00 AM	0.9	-0.6	---	-0.2	-0.1
10/4/2020 1:06 AM	0.9	-0.6	---	-0.2	-0.1
10/4/2020 1:12 AM	0.9	-0.5	---	-0.2	-0.1
10/4/2020 1:18 AM	1.1	-0.5	---	-0.2	-0.1
10/4/2020 1:24 AM	1.0	-0.6	---	-0.2	-0.1
10/4/2020 1:30 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 1:36 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 1:42 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 1:48 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 1:54 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 2:00 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 2:06 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 2:12 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 2:18 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 2:24 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 2:30 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 2:36 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 2:42 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 2:48 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 2:54 AM	0.7	-0.5	---	-0.2	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/4/2020 3:00 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 3:06 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:12 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:18 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 3:24 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 3:30 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:36 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:42 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:48 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 3:54 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:00 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:06 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:12 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:18 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:24 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 4:30 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 4:36 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 4:42 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:48 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 4:54 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 5:00 AM	0.6	-0.6	---	-0.2	-0.1
10/4/2020 5:06 AM	0.6	-0.5	---	-0.2	-0.1
10/4/2020 5:12 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 5:18 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:24 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:30 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:36 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:42 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:48 AM	0.7	-0.6	---	-0.2	-0.1
10/4/2020 5:54 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 6:00 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 6:06 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 6:12 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 6:18 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 6:24 AM	0.7	-0.5	---	-0.2	-0.1
10/4/2020 6:30 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 6:36 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 6:42 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 6:48 AM	0.8	-0.6	---	-0.2	-0.1
10/4/2020 6:54 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 7:00 AM	0.8	-0.5	---	-0.2	-0.1
10/4/2020 7:06 AM	1.0	-0.5	---	-0.2	-0.1
10/4/2020 7:12 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 7:18 AM	1.3	-0.5	---	-0.2	-0.1
10/4/2020 7:24 AM	1.3	-0.5	---	-0.2	-0.1
10/4/2020 7:30 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 7:36 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 7:42 AM	1.3	-0.5	---	-0.2	-0.1
10/4/2020 7:48 AM	1.3	-0.5	---	-0.2	-0.1
10/4/2020 7:54 AM	1.2	-0.5	---	-0.2	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/4/2020 8:00 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 8:06 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 8:12 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 8:18 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 8:24 AM	1.2	-0.5	---	-0.2	-0.1
10/4/2020 8:30 AM	1.1	-0.5	---	-0.2	-0.1
10/4/2020 8:36 AM	1.1	-0.5	---	-0.2	-0.1
10/4/2020 8:42 AM	0.9	-0.5	---	-0.2	-0.1
10/4/2020 8:48 AM	0.9	-0.5	---	-0.2	-0.1
10/4/2020 8:54 AM	1.1	-0.5	---	-0.2	-0.1
10/4/2020 9:00 AM	1.1	-0.5	---	-0.2	-0.1
10/4/2020 9:06 AM	1.0	-0.5	---	-0.2	-0.1
10/4/2020 9:12 AM	1.0	-0.5	---	-0.2	-0.1
10/4/2020 9:18 AM	1.1	-0.5	---	-0.2	0.0
10/4/2020 9:24 AM	1.0	-0.5	---	-0.2	0.0
10/4/2020 9:30 AM	1.0	-0.5	---	-0.2	0.0
10/4/2020 9:36 AM	0.9	-0.5	---	-0.2	0.0
10/4/2020 9:42 AM	1.0	2.9	---	-0.2	-0.1
10/4/2020 9:48 AM	0.8	8.0	---	-0.2	-0.1
10/4/2020 9:54 AM	0.7	5.4	---	-0.2	-0.1
10/4/2020 10:00 AM	0.7	2.4	---	-0.2	-0.1
10/4/2020 10:06 AM	0.8	2.7	---	-0.2	-0.1
10/4/2020 10:12 AM	0.8	3.0	---	-0.2	-0.1
10/4/2020 10:18 AM	0.8	2.7	---	-0.2	-0.1
10/4/2020 10:24 AM	0.8	2.0	---	-0.2	-0.1
10/4/2020 10:30 AM	0.8	1.5	---	-0.2	-0.1
10/4/2020 10:36 AM	0.8	1.3	---	-0.2	-0.1
10/4/2020 10:42 AM	0.8	1.2	---	-0.2	-0.1
10/4/2020 10:48 AM	0.8	1.1	---	-0.2	-0.1
10/4/2020 10:54 AM	0.9	1.0	---	-0.2	0.0
10/4/2020 11:00 AM	0.8	0.9	---	-0.2	0.0
10/4/2020 11:06 AM	0.8	0.9	---	-0.2	-0.1
10/4/2020 11:12 AM	0.9	0.8	---	-0.2	-0.1
10/4/2020 11:18 AM	0.9	0.8	---	-0.2	-0.1
10/4/2020 11:24 AM	0.9	0.7	---	-0.2	-0.1
10/4/2020 11:30 AM	0.9	0.7	---	-0.2	-0.1
10/4/2020 11:36 AM	0.9	0.7	---	-0.2	0.0
10/4/2020 11:42 AM	0.9	0.7	---	-0.2	0.0
10/4/2020 11:48 AM	1.0	0.7	---	-0.2	-0.1
10/4/2020 11:54 AM	0.9	0.7	---	-0.2	-0.1
10/4/2020 12:00 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 12:06 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:12 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 12:18 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:24 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:30 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:36 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:42 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:48 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 12:54 PM	1.0	0.7	---	-0.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/4/2020 1:00 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 1:06 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 1:12 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 1:18 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 1:24 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 1:30 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 1:36 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 1:42 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 1:48 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 1:54 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:00 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:06 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 2:12 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 2:18 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 2:24 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 2:30 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:36 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:42 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:48 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 2:54 PM	0.9	0.6	---	-0.2	0.0
10/4/2020 3:00 PM	0.9	0.6	---	-0.2	0.0
10/4/2020 3:06 PM	0.9	0.6	---	-0.2	0.0
10/4/2020 3:12 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 3:18 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 3:24 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 3:30 PM	0.9	0.5	---	-0.2	0.0
10/4/2020 3:36 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 3:42 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 3:48 PM	0.9	0.5	---	-0.2	0.0
10/4/2020 3:54 PM	0.9	0.5	---	-0.2	0.0
10/4/2020 4:00 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 4:06 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 4:12 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 4:18 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 4:24 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 4:30 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 4:36 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 4:42 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 4:48 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 4:54 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:00 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:06 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:12 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:18 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:24 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:30 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:36 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:42 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 5:48 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 5:54 PM	1.1	0.6	---	-0.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/4/2020 6:00 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:06 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 6:12 PM	1.1	0.5	---	-0.2	0.0
10/4/2020 6:18 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:24 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:30 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:36 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:42 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:48 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 6:54 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:00 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 7:06 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 7:12 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 7:18 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:24 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:30 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:36 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:42 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 7:48 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 7:54 PM	1.0	0.5	---	-0.2	0.0
10/4/2020 8:00 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:06 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:12 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:18 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:24 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 8:30 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 8:36 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:42 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:48 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 8:54 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 9:00 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 9:06 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 9:12 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 9:18 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 9:24 PM	1.0	0.6	---	-0.2	0.0
10/4/2020 9:30 PM	1.0	0.7	---	-0.2	0.0
10/4/2020 9:36 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 9:42 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 9:48 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 9:54 PM	1.1	0.8	---	-0.2	0.0
10/4/2020 10:00 PM	1.1	0.8	---	-0.2	0.0
10/4/2020 10:06 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:12 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:18 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:24 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:30 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:36 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:42 PM	1.1	0.8	---	-0.2	0.0
10/4/2020 10:48 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 10:54 PM	1.1	0.7	---	-0.2	0.0

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New York City D.E.P.
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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/4/2020 11:00 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 11:06 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 11:12 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 11:18 PM	1.1	0.7	---	-0.2	0.0
10/4/2020 11:24 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 11:30 PM	1.1	0.6	---	-0.2	0.0
10/4/2020 11:36 PM	1.4	0.4	---	-0.2	0.0
10/4/2020 11:42 PM	1.3	-0.2	---	-0.2	0.0
10/4/2020 11:48 PM	1.1	-0.6	---	-0.2	0.0
10/4/2020 11:54 PM	1.0	-0.6	---	-0.2	0.0
10/5/2020 12:00 AM	1.0	-0.6	---	-0.2	0.0
10/5/2020 12:06 AM	1.0	-0.6	---	-0.2	0.0
10/5/2020 12:12 AM	0.9	-0.6	---	-0.2	0.0
10/5/2020 12:18 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 12:24 AM	0.9	-0.6	---	-0.2	0.0
10/5/2020 12:30 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 12:36 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 12:42 AM	0.9	-0.6	---	-0.2	0.0
10/5/2020 12:48 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 12:54 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:00 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:06 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:12 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:18 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:24 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:30 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:36 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:42 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 1:48 AM	0.7	-0.5	---	-0.2	0.0
10/5/2020 1:54 AM	0.7	-0.5	---	-0.2	0.0
10/5/2020 2:00 AM	0.7	-0.6	---	-0.2	0.0
10/5/2020 2:06 AM	0.8	-0.6	---	-0.2	0.0
10/5/2020 2:12 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 2:18 AM	0.7	-0.5	---	-0.2	0.0
10/5/2020 2:24 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 2:30 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 2:36 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 2:42 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 2:48 AM	0.8	-0.5	---	-0.2	-0.1
10/5/2020 2:54 AM	0.7	-0.5	---	-0.2	0.0
10/5/2020 3:00 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:06 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:12 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:18 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:24 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:30 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:36 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:42 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 3:48 AM	0.6	-0.5	---	-0.2	-0.1
10/5/2020 3:54 AM	0.7	-0.6	---	-0.2	-0.1

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North River Wastewater Resource Recovery Facility
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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/5/2020 4:00 AM	0.7	-0.6	---	-0.2	-0.1
10/5/2020 4:06 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:12 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:18 AM	0.7	-0.6	---	-0.2	-0.1
10/5/2020 4:24 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:30 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:36 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:42 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:48 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 4:54 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 5:00 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 5:06 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 5:12 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 5:18 AM	0.7	-0.5	---	-0.2	-0.1
10/5/2020 5:24 AM	0.8	-0.5	---	-0.2	-0.1
10/5/2020 5:30 AM	0.8	-0.5	---	-0.2	-0.1
10/5/2020 5:36 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 5:42 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 5:48 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 5:54 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 6:00 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 6:06 AM	0.9	-0.5	---	-0.2	-0.1
10/5/2020 6:12 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:18 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:24 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:30 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:36 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:42 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 6:48 AM	1.0	-0.5	---	-0.2	0.0
10/5/2020 6:54 AM	1.0	-0.5	---	-0.2	0.0
10/5/2020 7:00 AM	1.0	-0.5	---	-0.2	-0.1
10/5/2020 7:06 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 7:12 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 7:18 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 7:24 AM	0.8	-0.4	---	-0.2	0.0
10/5/2020 7:30 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 7:36 AM	0.9	-0.4	---	-0.2	0.0
10/5/2020 7:42 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 7:48 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 7:54 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 8:00 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 8:06 AM	0.8	-0.5	---	-0.2	0.0
10/5/2020 8:12 AM	0.9	-0.5	---	-0.2	0.0
10/5/2020 8:18 AM	0.8	4.5	---	-0.2	0.0
10/5/2020 8:24 AM	0.8	10.6	---	-0.2	0.0
10/5/2020 8:30 AM	0.8	5.8	---	-0.2	0.0
10/5/2020 8:36 AM	0.9	3.1	---	-0.2	0.0
10/5/2020 8:42 AM	0.9	3.2	---	-0.2	0.0
10/5/2020 8:48 AM	0.9	3.2	---	-0.2	0.0
10/5/2020 8:54 AM	0.9	2.7	---	-0.2	0.0

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/5/2020 9:00 AM	0.9	2.2	---	-0.2	0.0
10/5/2020 9:06 AM	0.9	1.7	---	-0.2	0.0
10/5/2020 9:12 AM	0.9	1.5	---	-0.2	0.0
10/5/2020 9:18 AM	0.9	1.3	---	-0.2	0.0
10/5/2020 9:24 AM	0.9	1.2	---	-0.2	0.0
10/5/2020 9:30 AM	0.9	1.1	---	-0.2	0.0
10/5/2020 9:36 AM	0.9	1.0	---	-0.2	0.0
10/5/2020 9:42 AM	0.9	0.9	---	-0.2	0.0
10/5/2020 9:48 AM	0.9	0.9	---	-0.2	0.0
10/5/2020 9:54 AM	0.9	0.9	---	-0.2	0.0
10/5/2020 10:00 AM	0.9	0.8	---	-0.2	0.0
10/5/2020 10:06 AM	0.9	0.8	---	-0.2	0.0
10/5/2020 10:12 AM	1.0	0.8	---	-0.2	0.0
10/5/2020 10:18 AM	1.0	0.8	---	-0.2	0.0
10/5/2020 10:24 AM	1.0	0.9	---	-0.2	0.0
10/5/2020 10:30 AM	1.0	0.9	---	-0.2	0.0
10/5/2020 10:36 AM	1.0	0.9	---	-0.2	0.0
10/5/2020 10:42 AM	1.0	0.9	---	-0.2	0.0
10/5/2020 10:48 AM	1.0	0.8	---	-0.2	0.0
10/5/2020 10:54 AM	1.0	0.8	---	-0.2	0.0
10/5/2020 11:00 AM	1.0	0.7	---	-0.2	0.0
10/5/2020 11:06 AM	1.0	0.7	---	-0.2	0.0
10/5/2020 11:12 AM	1.0	0.8	---	-0.2	0.0
10/5/2020 11:18 AM	1.1	0.8	---	-0.2	0.0
10/5/2020 11:24 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 11:30 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 11:36 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 11:42 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 11:48 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 11:54 AM	1.1	0.7	---	-0.2	0.0
10/5/2020 12:00 PM	1.1	0.8	---	-0.2	0.0
10/5/2020 12:06 PM	1.0	0.9	---	-0.2	0.0
10/5/2020 12:12 PM	1.1	0.8	---	-0.2	0.0
10/5/2020 12:18 PM	1.1	0.9	---	-0.2	0.0
10/5/2020 12:24 PM	1.1	1.0	---	-0.2	0.0
10/5/2020 12:30 PM	1.1	1.0	---	-0.2	0.0
10/5/2020 12:36 PM	1.1	1.0	---	11.0	0.0
10/5/2020 12:42 PM	0.9	0.9	---	19.1	0.0
10/5/2020 12:48 PM	0.5	0.9	---	10.5	0.0
10/5/2020 12:54 PM	0.9	0.9	---	6.1	0.0
10/5/2020 1:00 PM	1.4	0.9	---	2.3	0.0
10/5/2020 1:06 PM	1.2	0.9	---	0.2	0.0
10/5/2020 1:12 PM	1.2	0.8	---	1.2	0.0
10/5/2020 1:18 PM	1.1	0.8	---	1.1	0.0
10/5/2020 1:24 PM	1.1	0.9	---	0.0	0.0
10/5/2020 1:30 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 1:36 PM	1.1	0.8	---	-0.4	0.0
10/5/2020 1:42 PM	1.1	0.8	---	-0.4	0.0
10/5/2020 1:48 PM	1.1	0.8	---	-0.4	0.0
10/5/2020 1:54 PM	1.1	0.7	---	-0.4	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/5/2020 2:00 PM	1.1	0.8	---	-0.4	0.0
10/5/2020 2:06 PM	1.0	0.8	---	-0.4	0.0
10/5/2020 2:12 PM	1.0	0.8	---	-0.4	0.0
10/5/2020 2:18 PM	1.0	0.7	---	-0.4	0.0
10/5/2020 2:24 PM	1.1	0.7	---	-0.4	0.0
10/5/2020 2:30 PM	1.1	0.7	---	-0.4	0.0
10/5/2020 2:36 PM	1.1	0.8	---	-0.4	0.0
10/5/2020 2:42 PM	1.2	0.8	---	-0.4	0.0
10/5/2020 2:48 PM	1.2	0.8	---	-0.4	0.0
10/5/2020 2:54 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:00 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:06 PM	1.2	0.6	---	-0.4	0.0
10/5/2020 3:12 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:18 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:24 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:30 PM	1.2	0.7	---	-0.4	0.0
10/5/2020 3:36 PM	1.2	0.8	---	-0.4	0.0
10/5/2020 3:42 PM	1.2	0.8	---	-0.4	0.0
10/5/2020 3:48 PM	1.2	0.8	---	-0.4	0.0
10/5/2020 3:54 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:00 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:06 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:12 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:18 PM	1.2	0.9	---	-0.3	0.0
10/5/2020 4:24 PM	1.2	1.0	---	-0.3	0.0
10/5/2020 4:30 PM	1.2	0.9	---	-0.3	0.0
10/5/2020 4:36 PM	1.2	0.9	---	-0.3	0.0
10/5/2020 4:42 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:48 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 4:54 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 5:00 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 5:06 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 5:12 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 5:18 PM	1.2	0.7	---	-0.3	0.0
10/5/2020 5:24 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 5:30 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 5:36 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 5:42 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 5:48 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 5:54 PM	1.2	0.8	---	-0.3	0.0
10/5/2020 6:00 PM	1.1	0.9	---	-0.3	0.0
10/5/2020 6:06 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 6:12 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:18 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:24 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:30 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:36 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:42 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:48 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 6:54 PM	1.1	0.7	---	-0.3	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/5/2020 7:00 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 7:06 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 7:12 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 7:18 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 7:24 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 7:30 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 7:36 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 7:42 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 7:48 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 7:54 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:00 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:06 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:12 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 8:18 PM	1.1	0.6	---	-0.3	-0.1
10/5/2020 8:24 PM	1.0	0.7	---	-0.3	-0.1
10/5/2020 8:30 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:36 PM	1.1	0.7	---	-0.3	-0.1
10/5/2020 8:42 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:48 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 8:54 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 9:00 PM	1.1	0.7	---	-0.3	-0.1
10/5/2020 9:06 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 9:12 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 9:18 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 9:24 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 9:30 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 9:36 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 9:42 PM	1.1	0.8	---	-0.3	-0.1
10/5/2020 9:48 PM	1.1	0.8	---	-0.3	-0.1
10/5/2020 9:54 PM	1.1	0.8	---	-0.3	0.0
10/5/2020 10:00 PM	1.1	0.7	---	-0.3	0.0
10/5/2020 10:06 PM	1.1	0.7	---	-0.3	-0.1
10/5/2020 10:12 PM	1.1	0.7	---	-0.3	-0.1
10/5/2020 10:18 PM	1.0	0.7	---	-0.3	-0.1
10/5/2020 10:24 PM	1.1	0.7	---	-0.3	-0.1
10/5/2020 10:30 PM	1.1	0.6	---	-0.3	-0.1
10/5/2020 10:36 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 10:42 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 10:48 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 10:54 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 11:00 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 11:06 PM	1.1	0.6	---	-0.3	0.0
10/5/2020 11:12 PM	1.1	0.5	---	-0.3	-0.1
10/5/2020 11:18 PM	1.1	0.5	---	-0.3	-0.1
10/5/2020 11:24 PM	1.0	0.5	---	-0.3	-0.1
10/5/2020 11:30 PM	1.0	0.5	---	-0.3	-0.1
10/5/2020 11:36 PM	1.0	0.5	---	-0.3	0.0
10/5/2020 11:42 PM	1.2	0.6	---	-0.3	0.0
10/5/2020 11:48 PM	1.4	0.1	---	-0.3	-0.1
10/5/2020 11:54 PM	1.4	-0.5	---	-0.3	0.0

Opacity Data Summary Report

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New York City D.E.P.
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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/6/2020 12:00 AM	1.4	-0.5	---	-0.3	0.0
10/6/2020 12:06 AM	1.5	-0.5	---	-0.3	0.0
10/6/2020 12:12 AM	1.3	-0.5	---	-0.3	0.0
10/6/2020 12:18 AM	1.1	-0.5	---	-0.3	0.0
10/6/2020 12:24 AM	1.1	-0.6	---	-0.3	0.0
10/6/2020 12:30 AM	1.0	-0.6	---	-0.3	0.0
10/6/2020 12:36 AM	1.0	-0.5	---	-0.3	0.0
10/6/2020 12:42 AM	1.0	-0.6	---	-0.3	0.0
10/6/2020 12:48 AM	1.0	-0.5	---	-0.3	0.0
10/6/2020 12:54 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:00 AM	0.9	-0.6	---	-0.3	0.0
10/6/2020 1:06 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:12 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:18 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:24 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:30 AM	0.8	-0.6	---	-0.3	0.0
10/6/2020 1:36 AM	0.8	-0.6	---	-0.3	0.0
10/6/2020 1:42 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 1:48 AM	0.9	-0.6	---	-0.3	0.0
10/6/2020 1:54 AM	0.9	-0.6	---	-0.3	0.0
10/6/2020 2:00 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 2:06 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:12 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:18 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:24 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:30 AM	1.0	-0.6	---	-0.3	-0.1
10/6/2020 2:36 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:42 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:48 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 2:54 AM	1.1	-0.5	---	-0.3	-0.1
10/6/2020 3:00 AM	1.1	-0.5	---	-0.3	-0.1
10/6/2020 3:06 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:12 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:18 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:24 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:30 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:36 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:42 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 3:48 AM	1.0	-0.5	---	-0.3	0.0
10/6/2020 3:54 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 4:00 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 4:06 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 4:12 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 4:18 AM	1.0	-0.4	---	-0.3	-0.1
10/6/2020 4:24 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 4:30 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 4:36 AM	0.8	-0.4	---	-0.3	0.0
10/6/2020 4:42 AM	0.8	-0.4	---	-0.3	0.0
10/6/2020 4:48 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 4:54 AM	0.9	-0.5	---	-0.3	0.0

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/6/2020 5:00 AM	0.9	-0.4	---	-0.3	0.0
10/6/2020 5:06 AM	0.9	-0.4	---	-0.3	0.0
10/6/2020 5:12 AM	0.9	-0.5	---	-0.3	0.0
10/6/2020 5:18 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:24 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:30 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:36 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:42 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:48 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 5:54 AM	0.9	-0.4	---	-0.3	-0.1
10/6/2020 6:00 AM	0.9	-0.5	---	-0.3	-0.1
10/6/2020 6:06 AM	0.8	-0.5	---	-0.3	-0.1
10/6/2020 6:12 AM	0.8	-0.5	---	-0.3	-0.1
10/6/2020 6:18 AM	0.8	-0.5	---	-0.3	-0.1
10/6/2020 6:24 AM	1.0	-0.5	---	-0.3	-0.1
10/6/2020 6:30 AM	1.3	-0.5	---	-0.3	-0.1
10/6/2020 6:36 AM	1.3	-0.5	---	-0.3	0.0
10/6/2020 6:42 AM	1.3	-0.4	---	-0.3	0.0
10/6/2020 6:48 AM	1.3	-0.5	---	-0.3	0.0
10/6/2020 6:54 AM	1.3	-0.5	---	-0.3	0.0
10/6/2020 7:00 AM	1.3	-0.5	---	-0.3	-0.1
10/6/2020 7:06 AM	1.3	-0.4	---	-0.3	-0.1
10/6/2020 7:12 AM	1.3	-0.4	---	-0.3	-0.1
10/6/2020 7:18 AM	1.3	-0.4	---	-0.3	-0.1
10/6/2020 7:24 AM	1.1	-0.4	---	-0.3	-0.1
10/6/2020 7:30 AM	1.0	-0.4	---	-0.3	-0.1
10/6/2020 7:36 AM	1.0	-0.4	---	-0.3	-0.1
10/6/2020 7:42 AM	1.0	-0.4	---	-0.3	-0.1
10/6/2020 7:48 AM	1.0	-0.4	---	-0.3	-0.1
10/6/2020 7:54 AM	0.9	-0.4	---	-0.3	-0.1
10/6/2020 8:00 AM	0.9	-0.4	---	-0.3	-0.1
10/6/2020 8:06 AM	0.9	-0.4	---	-0.3	0.0
10/6/2020 8:12 AM	0.9	-0.4	---	-0.3	-0.1
10/6/2020 8:18 AM	0.9	-0.4	---	6.1	-0.1
10/6/2020 8:24 AM	0.9	-0.4	---	14.3	0.0
10/6/2020 8:30 AM	0.8	-0.4	---	11.4	0.0
10/6/2020 8:36 AM	0.8	-0.4	---	7.3	0.0
10/6/2020 8:42 AM	0.8	-0.4	---	6.5	0.0
10/6/2020 8:48 AM	0.8	-0.4	---	5.9	0.0
10/6/2020 8:54 AM	0.9	-0.4	---	4.2	0.0
10/6/2020 9:00 AM	0.9	-0.4	---	3.5	0.0
10/6/2020 9:06 AM	0.9	-0.4	---	3.3	0.0
10/6/2020 9:12 AM	0.9	-0.4	---	3.1	0.0
10/6/2020 9:18 AM	0.9	-0.4	---	3.1	0.0
10/6/2020 9:24 AM	0.9	-0.4	---	3.1	0.0
10/6/2020 9:30 AM	0.9	-0.4	---	3.2	0.0
10/6/2020 9:36 AM	0.9	-0.4	---	3.4	0.0
10/6/2020 9:42 AM	0.9	-0.4	---	3.4	10.3
10/6/2020 9:48 AM	0.9	-0.4	---	3.4	11.5
10/6/2020 9:54 AM	0.9	-0.3	---	3.3	0.7

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New York City D.E.P.
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/6/2020 10:00 AM	0.9	-0.4	---	3.1	0.2
10/6/2020 10:06 AM	0.9	-0.4	---	3.0	0.1
10/6/2020 10:12 AM	0.9	-0.3	---	2.9	0.0
10/6/2020 10:18 AM	0.9	-0.3	---	2.7	0.0
10/6/2020 10:24 AM	0.9	-0.3	---	2.6	0.0
10/6/2020 10:30 AM	0.9	-0.3	---	2.4	0.0
10/6/2020 10:36 AM	0.9	-0.3	---	2.1	0.0
10/6/2020 10:42 AM	0.9	-0.3	---	2.1	0.0
10/6/2020 10:48 AM	0.9	-0.3	---	1.9	0.0
10/6/2020 10:54 AM	1.0	-0.3	---	1.8	0.0
10/6/2020 11:00 AM	1.0	-0.3	---	1.8	0.0
10/6/2020 11:06 AM	1.0	-0.3	---	1.7	0.0
10/6/2020 11:12 AM	1.0	-0.3	---	1.7	0.0
10/6/2020 11:18 AM	1.0	-0.3	---	1.6	0.0
10/6/2020 11:24 AM	1.0	-0.3	---	1.6	0.0
10/6/2020 11:30 AM	1.0	-0.3	---	1.5	0.0
10/6/2020 11:36 AM	1.1	-0.3	---	1.5	0.0
10/6/2020 11:42 AM	1.0	-0.3	---	1.5	0.0
10/6/2020 11:48 AM	1.0	-0.3	---	1.5	0.0
10/6/2020 11:54 AM	1.1	-0.3	---	1.5	0.0
10/6/2020 12:00 PM	1.1	-0.3	---	1.6	0.0
10/6/2020 12:06 PM	1.1	-0.4	---	1.7	0.0
10/6/2020 12:12 PM	1.1	-0.4	---	1.6	0.0
10/6/2020 12:18 PM	1.0	-0.3	---	1.5	0.0
10/6/2020 12:24 PM	1.0	-0.3	---	1.5	0.0
10/6/2020 12:30 PM	1.0	-0.3	---	1.5	0.0
10/6/2020 12:36 PM	1.0	-0.3	---	1.5	0.0
10/6/2020 12:42 PM	1.0	-0.3	---	1.5	0.0
10/6/2020 12:48 PM	1.1	-0.3	---	1.5	0.0
10/6/2020 12:54 PM	1.1	-0.3	---	1.5	0.0
10/6/2020 1:00 PM	1.1	-0.3	---	1.5	0.0
10/6/2020 1:06 PM	1.1	-0.3	---	1.5	0.0
10/6/2020 1:12 PM	1.1	-0.4	---	1.6	0.0
10/6/2020 1:18 PM	1.0	-0.4	---	1.5	0.0
10/6/2020 1:24 PM	1.1	-0.4	---	1.5	0.0
10/6/2020 1:30 PM	1.0	-0.4	---	1.5	0.0
10/6/2020 1:36 PM	1.0	-0.4	---	1.5	0.0
10/6/2020 1:42 PM	1.0	-0.4	---	1.5	-0.1
10/6/2020 1:48 PM	1.0	-0.4	---	1.4	-0.1
10/6/2020 1:54 PM	1.0	-0.4	---	1.3	-0.1
10/6/2020 2:00 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 2:06 PM	1.0	-0.3	---	1.2	0.0
10/6/2020 2:12 PM	1.0	-0.4	---	1.2	0.0
10/6/2020 2:18 PM	1.0	-0.4	---	1.2	0.0
10/6/2020 2:24 PM	1.0	-0.3	---	1.3	0.0
10/6/2020 2:30 PM	1.0	-0.3	---	1.3	0.0
10/6/2020 2:36 PM	1.0	-0.3	---	1.3	0.0
10/6/2020 2:42 PM	1.0	-0.3	---	1.3	0.0
10/6/2020 2:48 PM	1.0	-0.3	---	1.4	-0.1
10/6/2020 2:54 PM	1.0	-0.3	---	1.4	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/6/2020 3:00 PM	1.1	-0.3	---	1.4	-0.1
10/6/2020 3:06 PM	1.1	-0.3	---	1.4	-0.1
10/6/2020 3:12 PM	1.1	-0.3	---	1.4	-0.1
10/6/2020 3:18 PM	1.0	-0.3	---	1.3	-0.1
10/6/2020 3:24 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 3:30 PM	1.0	-0.3	---	1.3	-0.1
10/6/2020 3:36 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 3:42 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 3:48 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 3:54 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:00 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:06 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:12 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:18 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:24 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:30 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:36 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 4:42 PM	1.0	-0.3	---	1.0	-0.1
10/6/2020 4:48 PM	1.0	-0.3	---	0.8	-0.1
10/6/2020 4:54 PM	1.1	-0.3	---	0.9	-0.1
10/6/2020 5:00 PM	1.1	-0.3	---	1.0	-0.1
10/6/2020 5:06 PM	1.1	-0.2	---	1.0	-0.1
10/6/2020 5:12 PM	1.1	-0.2	---	1.0	-0.1
10/6/2020 5:18 PM	1.1	-0.3	---	1.0	-0.1
10/6/2020 5:24 PM	1.1	-0.3	---	1.0	-0.1
10/6/2020 5:30 PM	1.1	-0.3	---	1.0	-0.1
10/6/2020 5:36 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 5:42 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 5:48 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 5:54 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:00 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:06 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:12 PM	1.0	-0.3	---	1.1	-0.1
10/6/2020 6:18 PM	1.0	-0.3	---	1.1	-0.1
10/6/2020 6:24 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:30 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:36 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:42 PM	1.1	-0.3	---	1.1	-0.1
10/6/2020 6:48 PM	1.0	-0.3	---	1.1	-0.1
10/6/2020 6:54 PM	1.0	-0.2	---	1.1	-0.1
10/6/2020 7:00 PM	1.0	-0.2	---	1.1	-0.1
10/6/2020 7:06 PM	1.0	-0.3	---	1.2	-0.1
10/6/2020 7:12 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:18 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:24 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:30 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:36 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:42 PM	1.1	-0.2	---	1.2	-0.1
10/6/2020 7:48 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 7:54 PM	1.1	-0.2	---	1.1	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/6/2020 8:00 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:06 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:12 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:18 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:24 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:30 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:36 PM	1.1	-0.2	---	1.1	-0.1
10/6/2020 8:42 PM	1.1	-0.1	---	1.1	-0.1
10/6/2020 8:48 PM	1.1	-0.1	---	1.0	-0.1
10/6/2020 8:54 PM	1.0	-0.1	---	1.0	-0.1
10/6/2020 9:00 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:06 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:12 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:18 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:24 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:30 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 9:36 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 9:42 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 9:48 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 9:54 PM	1.0	-0.1	---	1.1	-0.1
10/6/2020 10:00 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 10:06 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 10:12 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 10:18 PM	1.0	-0.1	---	1.2	-0.1
10/6/2020 10:24 PM	1.0	-0.1	---	1.3	-0.1
10/6/2020 10:30 PM	1.0	-0.1	---	1.3	-0.1
10/6/2020 10:36 PM	1.0	0.0	---	1.3	-0.1
10/6/2020 10:42 PM	1.0	0.0	---	1.3	-0.1
10/6/2020 10:48 PM	1.0	0.0	---	1.2	-0.1
10/6/2020 10:54 PM	0.9	0.0	---	1.2	-0.1
10/6/2020 11:00 PM	0.9	0.0	---	1.2	-0.1
10/6/2020 11:06 PM	1.0	0.0	---	1.2	-0.1
10/6/2020 11:12 PM	1.0	0.0	---	1.2	-0.1
10/6/2020 11:18 PM	1.0	0.0	---	1.2	-0.1
10/6/2020 11:24 PM	1.0	0.0	---	1.2	-0.1
10/6/2020 11:30 PM	1.0	0.1	---	1.1	-0.1
10/6/2020 11:36 PM	0.9	0.1	---	1.1	-0.1
10/6/2020 11:42 PM	1.0	0.1	---	1.2	-0.1
10/6/2020 11:48 PM	1.0	0.1	---	1.8	-0.1
10/6/2020 11:54 PM	0.6	0.1	---	4.0	-0.1
10/7/2020 12:00 AM	0.2	0.1	---	5.0	-0.1
10/7/2020 12:06 AM	0.2	0.1	---	4.5	-0.1
10/7/2020 12:12 AM	0.2	0.1	---	4.3	-0.1
10/7/2020 12:18 AM	0.1	0.2	---	4.1	-0.1
10/7/2020 12:24 AM	0.1	0.2	---	4.0	-0.1
10/7/2020 12:30 AM	0.1	0.2	---	3.9	-0.1
10/7/2020 12:36 AM	0.2	0.2	---	4.0	-0.1
10/7/2020 12:42 AM	0.1	0.2	---	3.9	-0.1
10/7/2020 12:48 AM	0.2	0.2	---	3.7	-0.1
10/7/2020 12:54 AM	0.2	0.2	---	3.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/7/2020 1:00 AM	0.2	0.2	---	3.7	-0.1
10/7/2020 1:06 AM	0.2	0.2	---	3.6	-0.1
10/7/2020 1:12 AM	0.2	0.2	---	3.7	-0.1
10/7/2020 1:18 AM	0.2	0.2	---	3.6	-0.1
10/7/2020 1:24 AM	0.2	0.2	---	3.4	-0.1
10/7/2020 1:30 AM	0.2	0.3	---	3.3	-0.1
10/7/2020 1:36 AM	0.2	0.3	---	3.4	-0.1
10/7/2020 1:42 AM	0.2	0.3	---	3.4	-0.1
10/7/2020 1:48 AM	0.2	0.3	---	3.4	-0.1
10/7/2020 1:54 AM	0.1	0.3	---	3.4	-0.1
10/7/2020 2:00 AM	0.2	0.3	---	3.3	-0.1
10/7/2020 2:06 AM	0.2	0.3	---	3.3	-0.1
10/7/2020 2:12 AM	0.2	0.3	---	3.4	-0.1
10/7/2020 2:18 AM	0.2	0.3	---	3.5	-0.1
10/7/2020 2:24 AM	0.2	0.3	---	3.5	-0.1
10/7/2020 2:30 AM	0.2	0.4	---	3.5	-0.1
10/7/2020 2:36 AM	0.2	0.4	---	3.5	-0.1
10/7/2020 2:42 AM	0.2	0.4	---	3.6	-0.1
10/7/2020 2:48 AM	0.2	0.4	---	3.5	-0.1
10/7/2020 2:54 AM	0.2	0.4	---	3.5	-0.1
10/7/2020 3:00 AM	0.2	0.4	---	3.5	-0.1
10/7/2020 3:06 AM	0.2	0.4	---	3.3	-0.1
10/7/2020 3:12 AM	0.2	0.4	---	3.3	-0.1
10/7/2020 3:18 AM	0.2	0.4	---	3.2	-0.1
10/7/2020 3:24 AM	0.2	0.5	---	3.2	-0.1
10/7/2020 3:30 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 3:36 AM	0.2	0.5	---	3.0	-0.1
10/7/2020 3:42 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 3:48 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 3:54 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 4:00 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 4:06 AM	0.2	0.5	---	3.1	-0.1
10/7/2020 4:12 AM	0.2	0.6	---	3.1	-0.1
10/7/2020 4:18 AM	0.2	0.6	---	3.2	-0.1
10/7/2020 4:24 AM	0.2	0.6	---	3.3	0.0
10/7/2020 4:30 AM	0.2	0.6	---	3.2	0.0
10/7/2020 4:36 AM	0.2	0.6	---	3.1	0.0
10/7/2020 4:42 AM	0.2	0.6	---	3.1	0.0
10/7/2020 4:48 AM	0.2	0.6	---	2.6	0.0
10/7/2020 4:54 AM	0.2	0.6	---	2.0	0.0
10/7/2020 5:00 AM	0.2	0.6	---	2.0	0.0
10/7/2020 5:06 AM	0.2	0.6	---	2.1	0.0
10/7/2020 5:12 AM	0.2	0.6	---	2.1	0.0
10/7/2020 5:18 AM	0.2	0.6	---	2.2	0.0
10/7/2020 5:24 AM	0.2	0.6	---	2.3	0.0
10/7/2020 5:30 AM	0.2	0.6	---	2.3	0.0
10/7/2020 5:36 AM	0.2	0.6	---	2.3	0.0
10/7/2020 5:42 AM	0.2	0.7	---	2.2	0.0
10/7/2020 5:48 AM	0.2	0.7	---	2.2	0.0
10/7/2020 5:54 AM	0.2	0.7	---	2.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/7/2020 6:00 AM	0.2	0.7	---	2.2	0.0
10/7/2020 6:06 AM	0.2	0.7	---	2.2	0.0
10/7/2020 6:12 AM	0.2	0.7	---	2.4	0.0
10/7/2020 6:18 AM	0.2	0.6	---	2.4	0.0
10/7/2020 6:24 AM	0.2	0.7	---	2.4	0.0
10/7/2020 6:30 AM	0.2	0.7	---	2.4	0.0
10/7/2020 6:36 AM	0.2	0.8	---	2.4	0.0
10/7/2020 6:42 AM	0.2	0.9	---	2.5	0.0
10/7/2020 6:48 AM	0.2	1.0	---	2.5	0.0
10/7/2020 6:54 AM	0.2	1.1	---	3.7	0.0
10/7/2020 7:00 AM	0.2	1.1	---	5.2	0.0
10/7/2020 7:06 AM	0.2	1.1	---	4.9	0.0
10/7/2020 7:12 AM	0.2	1.1	---	4.7	0.0
10/7/2020 7:18 AM	0.2	1.1	---	4.4	0.0
10/7/2020 7:24 AM	0.2	1.2	---	4.9	0.0
10/7/2020 7:30 AM	0.2	1.2	---	5.8	0.0
10/7/2020 7:36 AM	0.2	1.0	---	5.8	0.0
10/7/2020 7:42 AM	0.2	0.9	---	5.7	0.0
10/7/2020 7:48 AM	0.3	0.8	---	5.8	0.0
10/7/2020 7:54 AM	0.2	0.8	---	6.0	0.0
10/7/2020 8:00 AM	0.2	0.7	---	6.1	0.0
10/7/2020 8:06 AM	0.2	0.7	---	6.3	0.0
10/7/2020 8:12 AM	0.3	0.7	---	6.5	0.0
10/7/2020 8:18 AM	0.2	0.7	---	6.5	0.0
10/7/2020 8:24 AM	0.2	0.7	---	6.5	0.0
10/7/2020 8:30 AM	0.2	0.6	---	6.7	0.0
10/7/2020 8:36 AM	0.3	0.6	---	6.7	0.0
10/7/2020 8:42 AM	0.3	0.6	---	8.2	0.0
10/7/2020 8:48 AM	0.3	0.7	---	9.7	0.0
10/7/2020 8:54 AM	0.3	0.8	---	8.9	0.0
10/7/2020 9:00 AM	0.3	0.8	---	8.6	0.0
10/7/2020 9:06 AM	0.3	17.5	---	5.6	0.0
10/7/2020 9:12 AM	0.3	17.1	---	1.6	0.0
10/7/2020 9:18 AM	0.3	7.4	---	1.2	0.0
10/7/2020 9:24 AM	0.3	7.0	---	1.9	0.0
10/7/2020 9:30 AM	0.3	6.2	---	3.1	0.0
10/7/2020 9:36 AM	0.3	4.7	---	3.9	0.0
10/7/2020 9:42 AM	0.2	3.7	---	4.0	0.0
10/7/2020 9:48 AM	0.3	3.2	---	3.9	0.0
10/7/2020 9:54 AM	0.3	3.1	---	4.0	0.0
10/7/2020 10:00 AM	0.3	3.1	---	4.1	0.0
10/7/2020 10:06 AM	0.3	3.2	---	4.0	0.0
10/7/2020 10:12 AM	0.3	3.2	---	4.0	0.0
10/7/2020 10:18 AM	0.3	2.6	---	3.1	0.0
10/7/2020 10:24 AM	0.3	1.5	---	1.5	0.0
10/7/2020 10:30 AM	0.3	1.1	---	1.0	0.0
10/7/2020 10:36 AM	0.3	1.0	---	1.0	0.0
10/7/2020 10:42 AM	0.4	0.9	---	1.1	0.0
10/7/2020 10:48 AM	0.4	0.9	---	1.1	0.0
10/7/2020 10:54 AM	0.4	0.8	---	1.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/7/2020 11:00 AM	0.4	0.8	---	1.2	0.0
10/7/2020 11:06 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:12 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:18 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:24 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:30 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:36 AM	0.4	0.8	---	1.3	0.0
10/7/2020 11:42 AM	0.4	0.7	---	1.3	0.0
10/7/2020 11:48 AM	0.4	0.7	---	1.3	0.0
10/7/2020 11:54 AM	0.4	0.7	---	1.3	9.3
10/7/2020 12:00 PM	4.6	0.7	---	0.8	19.8
10/7/2020 12:06 PM	10.6	0.7	---	-0.6	11.8
10/7/2020 12:12 PM	5.5	0.8	---	-0.6	8.4
10/7/2020 12:18 PM	2.7	0.8	---	-0.6	6.6
10/7/2020 12:24 PM	1.3	0.8	---	-0.6	6.4
10/7/2020 12:30 PM	0.5	0.8	---	-0.6	6.5
10/7/2020 12:36 PM	0.2	0.8	---	-0.6	6.2
10/7/2020 12:42 PM	0.1	0.7	---	-0.6	5.6
10/7/2020 12:48 PM	0.1	0.8	---	-0.6	4.8
10/7/2020 12:54 PM	0.1	0.7	---	-0.6	4.1
10/7/2020 1:00 PM	0.0	0.7	---	-0.6	3.7
10/7/2020 1:06 PM	0.0	0.7	---	-0.6	3.5
10/7/2020 1:12 PM	0.0	0.7	---	-0.6	3.2
10/7/2020 1:18 PM	0.1	0.7	---	-0.6	3.1
10/7/2020 1:24 PM	0.1	0.7	---	-0.6	3.0
10/7/2020 1:30 PM	2.2	0.7	---	-0.6	2.9
10/7/2020 1:36 PM	4.0	0.7	---	-0.7	2.8
10/7/2020 1:42 PM	3.8	0.7	---	-0.6	2.7
10/7/2020 1:48 PM	4.0	0.7	---	-0.7	2.7
10/7/2020 1:54 PM	2.8	1.6	---	-0.7	2.6
10/7/2020 2:00 PM	2.0	1.8	---	-0.6	2.6
10/7/2020 2:06 PM	1.0	1.0	---	-0.6	2.6
10/7/2020 2:12 PM	0.3	0.8	---	-0.6	2.5
10/7/2020 2:18 PM	0.1	0.8	---	-0.6	2.6
10/7/2020 2:24 PM	0.1	0.8	---	-0.6	2.7
10/7/2020 2:30 PM	0.1	0.8	---	-0.6	2.6
10/7/2020 2:36 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 2:42 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 2:48 PM	0.1	0.7	---	-0.6	2.6
10/7/2020 2:54 PM	0.1	0.6	---	-0.6	2.6
10/7/2020 3:00 PM	0.1	0.7	---	-0.6	2.6
10/7/2020 3:06 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 3:12 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 3:18 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 3:24 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 3:30 PM	0.1	0.8	---	-0.6	2.5
10/7/2020 3:36 PM	0.1	0.8	---	-0.6	2.5
10/7/2020 3:42 PM	0.1	0.7	---	-0.6	2.5
10/7/2020 3:48 PM	0.1	0.6	---	-0.6	2.5
10/7/2020 3:54 PM	0.1	0.6	---	-0.6	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/7/2020 4:00 PM	0.0	0.6	---	-0.6	2.6
10/7/2020 4:06 PM	0.1	0.6	---	-0.6	2.5
10/7/2020 4:12 PM	0.1	0.6	---	-0.6	2.5
10/7/2020 4:18 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 4:24 PM	0.1	0.6	---	-0.6	2.5
10/7/2020 4:30 PM	0.1	0.6	---	-0.6	2.4
10/7/2020 4:36 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 4:42 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 4:48 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 4:54 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 5:00 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 5:06 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 5:12 PM	0.0	0.6	---	-0.6	2.5
10/7/2020 5:18 PM	0.0	0.7	---	-0.6	2.5
10/7/2020 5:24 PM	0.0	0.7	---	-0.6	2.5
10/7/2020 5:30 PM	0.0	0.7	---	-0.6	2.4
10/7/2020 5:36 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 5:42 PM	0.1	0.6	---	-0.6	2.4
10/7/2020 5:48 PM	0.1	0.6	---	-0.6	2.4
10/7/2020 5:54 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 6:00 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 6:06 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 6:12 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 6:18 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 6:24 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 6:30 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 6:36 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 6:42 PM	0.0	0.6	---	-0.6	2.4
10/7/2020 6:48 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 6:54 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 7:00 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 7:06 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 7:12 PM	-0.1	0.6	---	-0.6	2.3
10/7/2020 7:18 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 7:24 PM	0.0	0.6	---	-0.6	2.3
10/7/2020 7:30 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 7:36 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 7:42 PM	0.0	0.5	---	-0.6	2.3
10/7/2020 7:48 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 7:54 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 8:00 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 8:06 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 8:12 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 8:18 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 8:24 PM	-0.1	0.6	---	-0.6	2.3
10/7/2020 8:30 PM	-0.1	0.6	---	-0.6	2.2
10/7/2020 8:36 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 8:42 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 8:48 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 8:54 PM	-0.1	0.5	---	-0.6	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/7/2020 9:00 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 9:06 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 9:12 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 9:18 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 9:24 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 9:30 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 9:36 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 9:42 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 9:48 PM	-0.1	0.6	---	-0.6	2.3
10/7/2020 9:54 PM	-0.1	0.6	---	-0.6	2.3
10/7/2020 10:00 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 10:06 PM	-0.1	0.5	---	-0.6	2.3
10/7/2020 10:12 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 10:18 PM	-0.1	0.6	---	-0.6	2.5
10/7/2020 10:24 PM	-0.1	0.6	---	-0.6	2.5
10/7/2020 10:30 PM	-0.1	0.6	---	-0.6	2.5
10/7/2020 10:36 PM	-0.1	0.6	---	-0.6	2.5
10/7/2020 10:42 PM	-0.1	0.5	---	-0.6	2.5
10/7/2020 10:48 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 10:54 PM	-0.1	0.5	---	-0.6	2.4
10/7/2020 11:00 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 11:06 PM	-0.1	0.6	---	-0.6	2.4
10/7/2020 11:12 PM	-0.1	0.6	---	-0.5	2.4
10/7/2020 11:18 PM	-0.1	0.6	---	-0.5	2.4
10/7/2020 11:24 PM	-0.1	0.6	---	-0.5	2.4
10/7/2020 11:30 PM	-0.1	0.5	---	-0.5	2.7
10/7/2020 11:36 PM	-0.1	0.0	---	-0.5	3.1
10/7/2020 11:42 PM	-0.1	-0.5	---	-0.5	2.9
10/7/2020 11:48 PM	-0.1	-0.6	---	-0.5	2.8
10/7/2020 11:54 PM	-0.1	-0.6	---	-0.5	2.8
10/8/2020 12:00 AM	-0.2	-0.6	---	-0.5	2.9
10/8/2020 12:06 AM	-0.2	-0.6	---	-0.5	3.1
10/8/2020 12:12 AM	-0.2	-0.6	---	-0.5	3.8
10/8/2020 12:18 AM	-0.2	-0.6	---	-0.5	4.5
10/8/2020 12:24 AM	-0.2	-0.6	---	-0.5	4.4
10/8/2020 12:30 AM	-0.2	-0.6	---	-0.5	4.3
10/8/2020 12:36 AM	-0.2	-0.6	---	-0.5	4.4
10/8/2020 12:42 AM	-0.2	-0.6	---	-0.5	4.3
10/8/2020 12:48 AM	-0.2	-0.6	---	-0.5	4.2
10/8/2020 12:54 AM	-0.2	-0.6	---	-0.5	4.0
10/8/2020 1:00 AM	-0.2	-0.6	---	-0.5	4.0
10/8/2020 1:06 AM	-0.2	-0.6	---	-0.5	4.0
10/8/2020 1:12 AM	-0.2	-0.6	---	-0.5	4.0
10/8/2020 1:18 AM	-0.2	-0.6	---	-0.5	3.9
10/8/2020 1:24 AM	-0.2	-0.6	---	-0.5	3.8
10/8/2020 1:30 AM	-0.2	-0.7	---	-0.5	3.8
10/8/2020 1:36 AM	-0.2	-0.7	---	-0.5	3.8
10/8/2020 1:42 AM	-0.2	-0.7	---	-0.5	3.9
10/8/2020 1:48 AM	-0.2	-0.7	---	-0.5	4.0
10/8/2020 1:54 AM	-0.2	-0.7	---	-0.5	3.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

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Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/8/2020 2:00 AM	-0.2	-0.6	---	-0.5	3.7
10/8/2020 2:06 AM	-0.2	-0.6	---	-0.5	3.8
10/8/2020 2:12 AM	-0.2	-0.7	---	-0.5	3.7
10/8/2020 2:18 AM	-0.2	-0.7	---	-0.5	3.7
10/8/2020 2:24 AM	-0.2	-0.6	---	-0.5	3.8
10/8/2020 2:30 AM	-0.2	-0.6	---	-0.5	3.9
10/8/2020 2:36 AM	-0.2	-0.6	---	-0.5	3.9
10/8/2020 2:42 AM	-0.2	-0.6	---	-0.5	4.0
10/8/2020 2:48 AM	-0.2	-0.6	---	-0.5	3.9
10/8/2020 2:54 AM	-0.2	-0.6	---	-0.5	3.9
10/8/2020 3:00 AM	-0.2	-0.6	---	-0.4	4.0
10/8/2020 3:06 AM	-0.2	-0.6	---	-0.4	3.6
10/8/2020 3:12 AM	-0.2	-0.7	---	-0.5	2.6
10/8/2020 3:18 AM	-0.2	-0.6	---	-0.5	2.1
10/8/2020 3:24 AM	-0.2	-0.6	---	-0.5	2.2
10/8/2020 3:30 AM	-0.2	-0.7	---	-0.5	2.3
10/8/2020 3:36 AM	-0.2	-0.7	---	-0.4	2.3
10/8/2020 3:42 AM	-0.2	-0.6	---	-0.4	2.3
10/8/2020 3:48 AM	-0.2	-0.6	---	-0.5	2.3
10/8/2020 3:54 AM	-0.2	-0.7	---	-0.4	2.3
10/8/2020 4:00 AM	-0.2	-0.6	---	-0.4	2.3
10/8/2020 4:06 AM	-0.3	-0.6	---	-0.4	2.3
10/8/2020 4:12 AM	-0.2	-0.7	---	-0.4	2.3
10/8/2020 4:18 AM	-0.3	-0.6	---	-0.4	2.3
10/8/2020 4:24 AM	-0.2	-0.6	---	-0.4	2.3
10/8/2020 4:30 AM	-0.2	-0.6	---	-0.4	2.3
10/8/2020 4:36 AM	-0.3	-0.7	---	-0.4	2.3
10/8/2020 4:42 AM	-0.2	-0.7	---	-0.4	2.3
10/8/2020 4:48 AM	-0.2	-0.6	---	-0.4	2.4
10/8/2020 4:54 AM	-0.2	-0.6	---	-0.4	2.4
10/8/2020 5:00 AM	-0.2	-0.6	---	-0.4	2.3
10/8/2020 5:06 AM	-0.3	-0.6	---	-0.4	2.3
10/8/2020 5:12 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 5:18 AM	-0.3	-0.7	---	-0.4	2.3
10/8/2020 5:24 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 5:30 AM	-0.3	-0.6	---	-0.4	2.3
10/8/2020 5:36 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 5:42 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 5:48 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 5:54 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:00 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:06 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:12 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:18 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:24 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:30 AM	-0.3	-0.6	---	-0.4	2.4
10/8/2020 6:36 AM	-0.3	-0.5	---	-0.4	2.5
10/8/2020 6:42 AM	-0.3	-0.6	---	-0.4	2.5
10/8/2020 6:48 AM	-0.3	-0.6	---	-0.4	2.5
10/8/2020 6:54 AM	-0.3	-0.5	---	-0.4	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/8/2020 7:00 AM	-0.3	-0.5	---	-0.4	2.5
10/8/2020 7:06 AM	-0.3	-0.6	---	-0.4	2.5
10/8/2020 7:12 AM	-0.3	-0.6	---	-0.4	2.5
10/8/2020 7:18 AM	-0.3	-0.6	---	-0.2	2.5
10/8/2020 7:24 AM	-0.3	-0.6	---	9.4	2.5
10/8/2020 7:30 AM	-0.3	-0.6	---	10.3	2.5
10/8/2020 7:36 AM	-0.3	-0.6	---	6.9	2.4
10/8/2020 7:42 AM	-0.2	-0.5	---	5.2	2.4
10/8/2020 7:48 AM	-0.2	-0.5	---	3.3	2.4
10/8/2020 7:54 AM	-0.2	-0.6	---	2.4	2.4
10/8/2020 8:00 AM	-0.2	-0.5	---	2.2	2.4
10/8/2020 8:06 AM	-0.2	-0.5	---	2.0	2.3
10/8/2020 8:12 AM	-0.2	-0.5	---	2.0	2.3
10/8/2020 8:18 AM	-0.2	-0.5	---	2.0	2.3
10/8/2020 8:24 AM	-0.2	-0.5	---	2.0	2.3
10/8/2020 8:30 AM	-0.2	-0.5	---	2.1	2.3
10/8/2020 8:36 AM	-0.2	-0.5	---	2.3	2.4
10/8/2020 8:42 AM	-0.2	5.9	---	2.4	2.2
10/8/2020 8:48 AM	-0.2	8.5	---	2.4	0.9
10/8/2020 8:54 AM	-0.2	3.1	---	2.3	-0.1
10/8/2020 9:00 AM	-0.2	2.4	---	2.2	-0.1
10/8/2020 9:06 AM	-0.2	2.6	---	2.3	-0.1
10/8/2020 9:12 AM	-0.2	2.8	---	2.3	-0.1
10/8/2020 9:18 AM	-0.2	2.7	---	2.4	-0.1
10/8/2020 9:24 AM	-0.2	2.2	---	2.4	-0.1
10/8/2020 9:30 AM	-0.2	1.7	---	2.0	-0.1
10/8/2020 9:36 AM	-0.2	1.4	---	1.7	-0.1
10/8/2020 9:42 AM	-0.2	1.2	---	1.6	-0.1
10/8/2020 9:48 AM	-0.2	1.0	---	1.5	-0.1
10/8/2020 9:54 AM	-0.3	0.9	---	1.5	-0.1
10/8/2020 10:00 AM	-0.2	0.9	---	1.3	-0.1
10/8/2020 10:06 AM	-0.2	0.8	---	1.2	-0.1
10/8/2020 10:12 AM	-0.2	0.7	---	1.2	-0.1
10/8/2020 10:18 AM	-0.2	0.7	---	1.2	-0.1
10/8/2020 10:24 AM	-0.2	0.7	---	1.2	-0.1
10/8/2020 10:30 AM	-0.2	0.7	---	1.1	-0.1
10/8/2020 10:36 AM	-0.2	0.7	---	1.1	-0.1
10/8/2020 10:42 AM	-0.2	0.6	---	1.1	-0.1
10/8/2020 10:48 AM	-0.2	0.6	---	1.1	-0.1
10/8/2020 10:54 AM	-0.2	0.6	---	1.1	-0.1
10/8/2020 11:00 AM	-0.2	0.5	---	1.0	-0.1
10/8/2020 11:06 AM	-0.2	0.5	---	1.0	-0.1
10/8/2020 11:12 AM	-0.2	0.6	---	1.0	-0.1
10/8/2020 11:18 AM	-0.1	0.6	---	1.0	-0.1
10/8/2020 11:24 AM	-0.1	0.6	---	1.0	-0.1
10/8/2020 11:30 AM	-0.1	0.6	---	1.0	-0.1
10/8/2020 11:36 AM	-0.1	0.6	---	1.0	-0.1
10/8/2020 11:42 AM	-0.1	0.6	---	0.9	-0.1
10/8/2020 11:48 AM	-0.1	0.5	---	0.9	-0.1
10/8/2020 11:54 AM	-0.1	0.5	---	0.9	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/8/2020 12:00 PM	0.0	0.5	---	0.9	-0.1
10/8/2020 12:06 PM	0.1	0.5	---	1.0	-0.1
10/8/2020 12:12 PM	0.1	0.5	---	1.0	-0.1
10/8/2020 12:18 PM	0.1	0.6	---	1.0	0.0
10/8/2020 12:24 PM	0.1	0.6	---	1.0	0.0
10/8/2020 12:30 PM	<Samp	<Samp	---	<Samp	<Samp
10/8/2020 12:36 PM	Maintain	Maintain	---	Maintain	Maintain
10/8/2020 12:42 PM	<Samp	<Samp	---	<Samp	<Samp
10/8/2020 12:48 PM	0.1	0.7	---	1.0	0.0
10/8/2020 12:54 PM	0.1	0.7	---	1.0	0.0
10/8/2020 1:00 PM	0.1	0.6	---	1.0	-0.1
10/8/2020 1:06 PM	0.1	0.6	---	1.0	-0.1
10/8/2020 1:12 PM	0.1	0.6	---	1.0	0.0
10/8/2020 1:18 PM	0.1	0.5	---	1.0	0.0
10/8/2020 1:24 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 1:30 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 1:36 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 1:42 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 1:48 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 1:54 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 2:00 PM	0.0	0.5	---	1.0	-0.1
10/8/2020 2:06 PM	0.0	0.6	---	1.1	-0.1
10/8/2020 2:12 PM	0.0	0.6	---	1.1	-0.1
10/8/2020 2:18 PM	0.0	0.6	---	1.1	-0.1
10/8/2020 2:24 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 2:30 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 2:36 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 2:42 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 2:48 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 2:54 PM	0.0	0.7	---	1.0	-0.1
10/8/2020 3:00 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 3:06 PM	0.0	0.6	---	1.0	-0.1
10/8/2020 3:12 PM	0.0	0.6	---	1.1	-0.1
10/8/2020 3:18 PM	0.0	0.6	---	1.0	1.8
10/8/2020 3:24 PM	0.0	0.1	---	1.1	7.3
10/8/2020 3:30 PM	0.0	0.0	---	1.0	7.4
10/8/2020 3:36 PM	0.0	0.1	---	0.9	6.2
10/8/2020 3:42 PM	0.0	-0.2	---	0.9	5.4
10/8/2020 3:48 PM	0.0	-0.3	---	0.9	4.5
10/8/2020 3:54 PM	0.0	-0.3	---	0.9	3.7
10/8/2020 4:00 PM	0.0	-0.3	---	0.9	3.2
10/8/2020 4:06 PM	0.0	-0.3	---	0.9	2.9
10/8/2020 4:12 PM	0.0	-0.3	---	0.9	2.8
10/8/2020 4:18 PM	0.0	-0.3	---	0.9	2.7
10/8/2020 4:24 PM	0.0	-0.4	---	0.9	2.6
10/8/2020 4:30 PM	0.0	-0.4	---	0.9	2.5
10/8/2020 4:36 PM	0.0	-0.4	---	0.9	2.4
10/8/2020 4:42 PM	0.0	-0.5	---	0.9	2.3
10/8/2020 4:48 PM	0.0	-0.5	---	0.9	2.3
10/8/2020 4:54 PM	0.0	-0.5	---	0.9	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/8/2020 5:00 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:06 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 5:12 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:18 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:24 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:30 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 5:36 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:42 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:48 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 5:54 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:00 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:06 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:12 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:18 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:24 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:30 PM	-0.1	-0.5	---	0.9	2.3
10/8/2020 6:36 PM	-0.1	-0.5	---	0.9	2.2
10/8/2020 6:42 PM	-0.1	-0.4	---	0.9	2.2
10/8/2020 6:48 PM	-0.1	-0.4	---	0.9	2.2
10/8/2020 6:54 PM	-0.1	-0.4	---	1.0	2.3
10/8/2020 7:00 PM	-0.1	-0.5	---	1.0	2.2
10/8/2020 7:06 PM	-0.1	-0.4	---	1.0	2.2
10/8/2020 7:12 PM	-0.1	-0.4	---	0.9	2.2
10/8/2020 7:18 PM	-0.1	-0.4	---	1.0	2.2
10/8/2020 7:24 PM	-0.1	-0.4	---	1.0	2.1
10/8/2020 7:30 PM	-0.1	-0.4	---	1.0	2.1
10/8/2020 7:36 PM	-0.1	-0.4	---	1.0	2.1
10/8/2020 7:42 PM	-0.2	-0.4	---	1.0	2.1
10/8/2020 7:48 PM	-0.2	-0.4	---	1.0	2.2
10/8/2020 7:54 PM	-0.2	-0.4	---	1.0	2.2
10/8/2020 8:00 PM	-0.2	-0.4	---	1.0	2.2
10/8/2020 8:06 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:12 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:18 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:24 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:30 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:36 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:42 PM	-0.2	-0.4	---	1.0	2.2
10/8/2020 8:48 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 8:54 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:00 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:06 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:12 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:18 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:24 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:30 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:36 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:42 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:48 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 9:54 PM	-0.2	-0.4	---	0.9	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/8/2020 10:00 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:06 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:12 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:18 PM	-0.2	-0.3	---	0.9	2.3
10/8/2020 10:24 PM	-0.2	-0.3	---	1.0	2.3
10/8/2020 10:30 PM	-0.2	-0.3	---	1.0	2.3
10/8/2020 10:36 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:42 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:48 PM	-0.2	-0.4	---	1.0	2.3
10/8/2020 10:54 PM	-0.2	-0.4	---	0.7	3.4
10/8/2020 11:00 PM	-0.2	-0.4	---	0.1	4.3
10/8/2020 11:06 PM	-0.2	-0.4	---	-0.5	4.0
10/8/2020 11:12 PM	-0.2	-0.4	---	-0.6	3.8
10/8/2020 11:18 PM	-0.2	-0.4	---	-0.6	3.7
10/8/2020 11:24 PM	-0.2	-0.3	---	-0.6	3.6
10/8/2020 11:30 PM	-0.2	-0.3	---	-0.6	3.6
10/8/2020 11:36 PM	-0.2	-0.3	---	-0.6	3.5
10/8/2020 11:42 PM	-0.2	-0.3	---	-0.6	3.3
10/8/2020 11:48 PM	-0.2	-0.3	---	-0.6	3.2
10/8/2020 11:54 PM	-0.2	-0.3	---	-0.6	3.3
10/9/2020 12:00 AM	-0.2	-0.3	---	-0.6	3.2
10/9/2020 12:06 AM	-0.2	-0.3	---	-0.5	3.2
10/9/2020 12:12 AM	-0.2	-0.3	---	-0.6	3.3
10/9/2020 12:18 AM	-0.2	-0.3	---	-0.6	3.3
10/9/2020 12:24 AM	-0.2	-0.4	---	-0.6	3.3
10/9/2020 12:30 AM	-0.2	-0.4	---	-0.6	3.4
10/9/2020 12:36 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 12:42 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 12:48 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 12:54 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 1:00 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 1:06 AM	-0.2	-0.3	---	-0.6	3.4
10/9/2020 1:12 AM	-0.2	-0.3	---	-0.6	3.5
10/9/2020 1:18 AM	-0.2	-0.3	---	-0.6	3.4
10/9/2020 1:24 AM	-0.2	-0.3	---	-0.6	2.7
10/9/2020 1:30 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 1:36 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 1:42 AM	-0.2	-0.3	---	-0.5	2.5
10/9/2020 1:48 AM	-0.2	-0.3	---	-0.5	2.5
10/9/2020 1:54 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 2:00 AM	-0.2	-0.3	---	-0.5	2.3
10/9/2020 2:06 AM	-0.2	-0.3	---	-0.5	2.2
10/9/2020 2:12 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 2:18 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 2:24 AM	-0.2	-0.3	---	-0.5	2.3
10/9/2020 2:30 AM	-0.2	-0.3	---	-0.5	2.3
10/9/2020 2:36 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 2:42 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 2:48 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 2:54 AM	-0.2	-0.3	---	-0.6	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/9/2020 3:00 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 3:06 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 3:12 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 3:18 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 3:24 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 3:30 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 3:36 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 3:42 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 3:48 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 3:54 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 4:00 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 4:06 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 4:12 AM	-0.2	-0.3	---	-0.5	2.4
10/9/2020 4:18 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 4:24 AM	-0.2	-0.3	---	-0.6	2.5
10/9/2020 4:30 AM	-0.2	-0.3	---	-0.6	2.5
10/9/2020 4:36 AM	-0.2	-0.3	---	-0.6	2.5
10/9/2020 4:42 AM	-0.2	-0.3	---	-0.5	2.5
10/9/2020 4:48 AM	-0.2	-0.3	---	-0.5	2.5
10/9/2020 4:54 AM	-0.2	-0.3	---	-0.5	2.6
10/9/2020 5:00 AM	-0.2	-0.3	---	-0.5	2.6
10/9/2020 5:06 AM	-0.2	-0.2	---	-0.6	2.5
10/9/2020 5:12 AM	-0.2	-0.2	---	-0.5	2.4
10/9/2020 5:18 AM	-0.2	-0.2	---	-0.6	2.3
10/9/2020 5:24 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 5:30 AM	-0.2	-0.2	---	-0.5	2.3
10/9/2020 5:36 AM	-0.2	-0.2	---	-0.6	2.4
10/9/2020 5:42 AM	-0.2	-0.2	---	-0.6	2.4
10/9/2020 5:48 AM	-0.2	-0.2	---	-0.5	2.4
10/9/2020 5:54 AM	-0.2	-0.2	---	-0.5	2.4
10/9/2020 6:00 AM	-0.2	-0.2	---	-0.6	2.4
10/9/2020 6:06 AM	-0.2	-0.2	---	-0.6	2.4
10/9/2020 6:12 AM	-0.2	-0.2	---	-0.6	2.4
10/9/2020 6:18 AM	-0.2	-0.3	---	-0.6	2.4
10/9/2020 6:24 AM	-0.2	-0.3	---	-0.6	2.3
10/9/2020 6:30 AM	-0.2	-0.2	---	-0.5	2.3
10/9/2020 6:36 AM	-0.2	-0.2	---	-0.5	2.3
10/9/2020 6:42 AM	-0.2	-0.2	---	-0.5	2.3
10/9/2020 6:48 AM	-0.2	-0.2	---	-0.5	2.9
10/9/2020 6:54 AM	-0.2	-0.2	---	-0.6	7.1
10/9/2020 7:00 AM	-0.2	-0.2	---	-0.5	8.8
10/9/2020 7:06 AM	-0.2	-0.2	---	-0.5	7.8
10/9/2020 7:12 AM	-0.2	-0.2	---	-0.5	7.2
10/9/2020 7:18 AM	-0.2	-0.2	---	-0.5	6.9
10/9/2020 7:24 AM	-0.2	-0.2	---	-0.5	6.7
10/9/2020 7:30 AM	-0.2	-0.2	---	-0.5	6.6
10/9/2020 7:36 AM	-0.2	-0.3	---	-0.5	6.6
10/9/2020 7:42 AM	-0.2	-0.3	---	-0.5	6.5
10/9/2020 7:48 AM	-0.2	-0.3	---	-0.5	6.7
10/9/2020 7:54 AM	-0.1	-0.3	---	-0.5	6.7

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All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/9/2020 8:00 AM	-0.1	-0.3	---	-0.5	6.6
10/9/2020 8:06 AM	-0.1	-0.3	---	-0.5	6.5
10/9/2020 8:12 AM	-0.1	-0.2	---	-0.5	6.5
10/9/2020 8:18 AM	-0.1	-0.2	---	-0.5	6.6
10/9/2020 8:24 AM	-0.1	-0.2	---	-0.5	6.4
10/9/2020 8:30 AM	-0.1	-0.2	---	-0.5	6.5
10/9/2020 8:36 AM	-0.1	-0.2	---	-0.5	6.8
10/9/2020 8:42 AM	-0.1	-0.2	---	-0.5	6.8
10/9/2020 8:48 AM	-0.1	-0.2	---	-0.5	6.7
10/9/2020 8:54 AM	-0.1	-0.2	---	-0.5	6.6
10/9/2020 9:00 AM	-0.1	-0.2	---	-0.5	6.7
10/9/2020 9:06 AM	-0.1	-0.2	---	-0.5	6.8
10/9/2020 9:12 AM	-0.1	-0.2	---	-0.5	6.8
10/9/2020 9:18 AM	-0.1	-0.2	---	-0.5	6.7
10/9/2020 9:24 AM	-0.1	-0.2	---	-0.5	6.6
10/9/2020 9:30 AM	-0.1	-0.2	---	4.8	6.5
10/9/2020 9:36 AM	-0.1	-0.2	---	10.5	4.7
10/9/2020 9:42 AM	0.0	-0.2	---	6.0	3.2
10/9/2020 9:48 AM	0.0	-0.2	---	3.4	3.3
10/9/2020 9:54 AM	0.0	-0.2	---	2.5	3.4
10/9/2020 10:00 AM	0.0	-0.2	---	2.2	3.4
10/9/2020 10:06 AM	0.0	-0.2	---	2.1	3.5
10/9/2020 10:12 AM	0.0	-0.2	---	2.1	3.1
10/9/2020 10:18 AM	0.0	-0.2	---	2.3	2.3
10/9/2020 10:24 AM	0.0	-0.2	---	2.3	2.1
10/9/2020 10:30 AM	0.0	-0.2	---	2.4	2.2
10/9/2020 10:36 AM	0.0	-0.2	---	2.5	2.1
10/9/2020 10:42 AM	0.0	-0.2	---	2.5	2.1
10/9/2020 10:48 AM	0.0	-0.2	---	2.4	2.2
10/9/2020 10:54 AM	0.0	-0.2	---	2.4	2.2
10/9/2020 11:00 AM	0.0	-0.2	---	2.3	2.2
10/9/2020 11:06 AM	0.1	-0.2	---	2.3	2.2
10/9/2020 11:12 AM	0.1	-0.2	---	2.2	2.2
10/9/2020 11:18 AM	0.1	-0.2	---	2.0	2.2
10/9/2020 11:24 AM	0.1	-0.2	---	1.9	2.2
10/9/2020 11:30 AM	0.1	-0.2	---	1.7	2.2
10/9/2020 11:36 AM	0.1	-0.2	---	1.6	2.2
10/9/2020 11:42 AM	0.1	-0.2	---	1.6	2.3
10/9/2020 11:48 AM	0.2	-0.2	---	1.5	2.3
10/9/2020 11:54 AM	0.2	-0.2	---	1.4	2.4
10/9/2020 12:00 PM	0.1	<Samp	---	<Samp	<Samp
10/9/2020 12:06 PM	0.1	-0.2	---	1.3	2.4
10/9/2020 12:12 PM	0.1	-0.2	---	1.3	2.4
10/9/2020 12:18 PM	0.1	-0.2	---	1.3	2.4
10/9/2020 12:24 PM	0.1	-0.2	---	1.2	2.4
10/9/2020 12:30 PM	0.1	-0.1	---	1.2	2.4
10/9/2020 12:36 PM	0.1	-0.1	---	1.2	2.4
10/9/2020 12:42 PM	0.1	8.3	---	1.1	2.4
10/9/2020 12:48 PM	5.4	8.8	---	1.2	2.5
10/9/2020 12:54 PM	4.7	1.3	---	1.2	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/9/2020 1:00 PM	3.1	0.3	---	1.1	2.5
10/9/2020 1:06 PM	1.8	-0.1	---	1.2	2.4
10/9/2020 1:12 PM	0.7	-0.2	---	1.2	2.4
10/9/2020 1:18 PM	0.3	-0.2	---	1.2	2.4
10/9/2020 1:24 PM	0.2	-0.2	---	1.2	2.5
10/9/2020 1:30 PM	0.1	-0.3	---	1.2	2.5
10/9/2020 1:36 PM	0.1	-0.3	---	1.2	2.5
10/9/2020 1:42 PM	0.1	-0.3	---	1.2	2.5
10/9/2020 1:48 PM	0.0	-0.3	---	1.2	2.5
10/9/2020 1:54 PM	0.0	-0.3	---	1.2	2.5
10/9/2020 2:00 PM	0.0	-0.3	---	1.2	2.4
10/9/2020 2:06 PM	0.0	-0.3	---	1.2	2.5
10/9/2020 2:12 PM	0.0	-0.3	---	1.2	2.5
10/9/2020 2:18 PM	0.0	-0.3	---	1.2	2.5
10/9/2020 2:24 PM	0.0	-0.3	---	1.3	2.5
10/9/2020 2:30 PM	0.0	-0.3	---	1.3	2.4
10/9/2020 2:36 PM	0.0	-0.3	---	1.2	2.4
10/9/2020 2:42 PM	0.0	-0.3	---	1.2	2.4
10/9/2020 2:48 PM	0.0	-0.3	---	1.2	2.4
10/9/2020 2:54 PM	0.0	-0.3	---	1.2	2.4
10/9/2020 3:00 PM	0.0	-0.2	---	1.2	2.4
10/9/2020 3:06 PM	0.0	-0.2	---	1.2	2.4
10/9/2020 3:12 PM	0.0	-0.2	---	1.2	2.4
10/9/2020 3:18 PM	0.0	-0.2	---	1.0	2.3
10/9/2020 3:24 PM	0.0	-0.2	---	0.9	2.3
10/9/2020 3:30 PM	0.1	-0.1	---	0.9	2.3
10/9/2020 3:36 PM	0.1	-0.2	---	1.0	2.3
10/9/2020 3:42 PM	0.0	-0.2	---	1.0	2.4
10/9/2020 3:48 PM	0.1	-0.2	---	1.0	2.4
10/9/2020 3:54 PM	0.1	-0.2	---	0.9	2.4
10/9/2020 4:00 PM	0.1	-0.2	---	1.0	2.5
10/9/2020 4:06 PM	0.1	-0.2	---	1.0	2.5
10/9/2020 4:12 PM	0.1	-0.2	---	1.0	2.5
10/9/2020 4:18 PM	0.1	-0.2	---	1.0	2.4
10/9/2020 4:24 PM	0.0	-0.1	---	1.0	2.4
10/9/2020 4:30 PM	0.0	-0.1	---	1.0	2.4
10/9/2020 4:36 PM	0.0	-0.1	---	1.0	2.5
10/9/2020 4:42 PM	0.0	-0.1	---	1.0	2.5
10/9/2020 4:48 PM	0.0	0.0	---	1.0	2.5
10/9/2020 4:54 PM	0.0	0.0	---	1.0	2.5
10/9/2020 5:00 PM	0.0	0.0	---	1.0	2.5
10/9/2020 5:06 PM	0.0	0.0	---	1.0	2.4
10/9/2020 5:12 PM	0.0	0.0	---	1.0	2.4
10/9/2020 5:18 PM	0.0	0.0	---	1.0	2.4
10/9/2020 5:24 PM	0.0	-0.1	---	1.1	2.5
10/9/2020 5:30 PM	0.0	-0.1	---	1.0	2.5
10/9/2020 5:36 PM	0.0	-0.1	---	1.0	2.4
10/9/2020 5:42 PM	0.0	-0.1	---	1.1	2.4
10/9/2020 5:48 PM	0.0	0.0	---	1.1	2.5
10/9/2020 5:54 PM	0.0	0.0	---	1.1	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/9/2020 6:00 PM	0.0	0.0	---	1.1	2.4
10/9/2020 6:06 PM	0.0	0.0	---	1.1	2.5
10/9/2020 6:12 PM	0.0	0.0	---	1.2	2.4
10/9/2020 6:18 PM	0.0	0.0	---	1.1	2.5
10/9/2020 6:24 PM	0.0	0.0	---	1.1	2.5
10/9/2020 6:30 PM	0.0	0.0	---	1.1	2.5
10/9/2020 6:36 PM	-0.1	0.0	---	1.1	2.5
10/9/2020 6:42 PM	-0.1	0.0	---	1.1	2.4
10/9/2020 6:48 PM	-0.1	0.0	---	1.1	2.2
10/9/2020 6:54 PM	-0.1	0.0	---	1.1	2.2
10/9/2020 7:00 PM	-0.1	0.0	---	1.1	2.3
10/9/2020 7:06 PM	-0.1	0.0	---	1.1	2.3
10/9/2020 7:12 PM	-0.1	0.0	---	1.1	2.3
10/9/2020 7:18 PM	-0.1	0.0	---	1.1	2.3
10/9/2020 7:24 PM	-0.1	0.1	---	1.1	2.3
10/9/2020 7:30 PM	-0.1	0.1	---	1.1	2.4
10/9/2020 7:36 PM	-0.1	0.1	---	1.1	2.4
10/9/2020 7:42 PM	-0.1	0.0	---	1.2	2.4
10/9/2020 7:48 PM	-0.1	0.0	---	1.1	2.5
10/9/2020 7:54 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:00 PM	-0.1	0.0	---	1.2	2.5
10/9/2020 8:06 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:12 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:18 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:24 PM	-0.1	0.1	---	1.1	2.5
10/9/2020 8:30 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:36 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:42 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 8:48 PM	-0.1	0.1	---	1.1	2.5
10/9/2020 8:54 PM	-0.1	0.1	---	1.1	2.5
10/9/2020 9:00 PM	-0.1	0.2	---	1.2	2.5
10/9/2020 9:06 PM	-0.1	0.1	---	1.2	2.5
10/9/2020 9:12 PM	-0.1	0.1	---	1.2	2.4
10/9/2020 9:18 PM	-0.1	0.2	---	1.1	2.4
10/9/2020 9:24 PM	-0.1	0.2	---	1.2	2.4
10/9/2020 9:30 PM	-0.1	0.2	---	1.2	2.4
10/9/2020 9:36 PM	-0.1	0.2	---	1.1	2.4
10/9/2020 9:42 PM	-0.1	0.2	---	1.1	2.4
10/9/2020 9:48 PM	-0.1	0.2	---	1.1	2.5
10/9/2020 9:54 PM	-0.2	0.2	---	1.2	2.4
10/9/2020 10:00 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 10:06 PM	-0.2	0.2	---	1.1	2.5
10/9/2020 10:12 PM	-0.2	0.2	---	1.1	2.6
10/9/2020 10:18 PM	-0.2	0.2	---	1.2	2.6
10/9/2020 10:24 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 10:30 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 10:36 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 10:42 PM	-0.2	0.2	---	1.1	2.5
10/9/2020 10:48 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 10:54 PM	-0.2	0.2	---	1.2	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/9/2020 11:00 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 11:06 PM	-0.2	0.2	---	1.2	2.5
10/9/2020 11:12 PM	-0.2	0.2	---	1.1	2.5
10/9/2020 11:18 PM	-0.2	0.2	---	2.9	1.6
10/9/2020 11:24 PM	-0.2	0.3	---	4.5	0.3
10/9/2020 11:30 PM	-0.2	0.3	---	3.9	0.0
10/9/2020 11:36 PM	-0.2	0.3	---	3.7	0.0
10/9/2020 11:42 PM	-0.2	0.3	---	3.6	0.0
10/9/2020 11:48 PM	-0.2	0.3	---	3.5	0.1
10/9/2020 11:54 PM	-0.2	0.3	---	3.5	0.1
10/10/2020 12:00 AM	-0.2	0.3	---	3.5	0.0
10/10/2020 12:06 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:12 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:18 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:24 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:30 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:36 AM	-0.2	0.3	---	3.3	0.0
10/10/2020 12:42 AM	-0.2	0.3	---	3.4	0.0
10/10/2020 12:48 AM	-0.2	0.4	---	3.3	0.0
10/10/2020 12:54 AM	-0.2	0.4	---	3.2	0.0
10/10/2020 1:00 AM	-0.2	0.3	---	3.1	0.0
10/10/2020 1:06 AM	-0.2	0.4	---	3.2	0.0
10/10/2020 1:12 AM	-0.2	0.4	---	3.3	0.0
10/10/2020 1:18 AM	-0.2	0.4	---	3.4	0.0
10/10/2020 1:24 AM	-0.2	0.4	---	3.5	0.0
10/10/2020 1:30 AM	-0.2	0.4	---	3.5	0.0
10/10/2020 1:36 AM	-0.2	0.4	---	3.5	0.0
10/10/2020 1:42 AM	-0.2	0.4	---	3.4	0.0
10/10/2020 1:48 AM	-0.2	0.4	---	3.3	0.0
10/10/2020 1:54 AM	-0.2	0.4	---	3.4	0.0
10/10/2020 2:00 AM	-0.2	0.4	---	3.4	0.0
10/10/2020 2:06 AM	-0.2	0.4	---	3.4	0.0
10/10/2020 2:12 AM	-0.2	0.5	---	3.4	0.0
10/10/2020 2:18 AM	-0.2	0.5	---	3.4	0.0
10/10/2020 2:24 AM	-0.2	0.5	---	3.4	0.0
10/10/2020 2:30 AM	-0.2	0.5	---	3.4	0.0
10/10/2020 2:36 AM	-0.2	0.5	---	3.4	0.0
10/10/2020 2:42 AM	-0.2	0.5	---	3.2	0.0
10/10/2020 2:48 AM	-0.2	0.5	---	3.2	0.0
10/10/2020 2:54 AM	-0.2	0.5	---	3.0	0.0
10/10/2020 3:00 AM	-0.2	0.5	---	3.0	0.0
10/10/2020 3:06 AM	-0.2	0.5	---	2.9	0.0
10/10/2020 3:12 AM	-0.2	0.5	---	2.9	0.0
10/10/2020 3:18 AM	-0.2	0.5	---	2.9	0.0
10/10/2020 3:24 AM	-0.2	0.6	---	2.9	0.0
10/10/2020 3:30 AM	-0.2	0.6	---	3.0	0.0
10/10/2020 3:36 AM	-0.2	0.6	---	3.0	0.0
10/10/2020 3:42 AM	-0.2	0.6	---	3.1	0.0
10/10/2020 3:48 AM	-0.2	0.6	---	3.1	0.0
10/10/2020 3:54 AM	-0.2	0.6	---	3.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/10/2020 4:00 AM	-0.2	0.6	---	3.3	0.0
10/10/2020 4:06 AM	-0.3	0.6	---	3.3	0.0
10/10/2020 4:12 AM	-0.3	0.6	---	3.4	0.0
10/10/2020 4:18 AM	-0.3	0.6	---	3.3	0.0
10/10/2020 4:24 AM	-0.3	0.7	---	3.4	0.1
10/10/2020 4:30 AM	-0.3	0.7	---	3.3	0.0
10/10/2020 4:36 AM	-0.2	0.7	---	3.4	0.0
10/10/2020 4:42 AM	-0.2	0.7	---	3.3	0.0
10/10/2020 4:48 AM	-0.2	0.7	---	3.2	0.0
10/10/2020 4:54 AM	-0.2	0.7	---	3.4	0.0
10/10/2020 5:00 AM	-0.2	0.7	---	3.5	0.0
10/10/2020 5:06 AM	-0.2	0.7	---	3.5	0.0
10/10/2020 5:12 AM	-0.2	0.7	---	3.5	0.0
10/10/2020 5:18 AM	-0.2	0.7	---	3.6	0.0
10/10/2020 5:24 AM	-0.2	0.7	---	3.6	0.0
10/10/2020 5:30 AM	-0.2	0.7	---	3.6	0.0
10/10/2020 5:36 AM	-0.2	0.7	---	3.6	0.0
10/10/2020 5:42 AM	-0.2	0.7	---	3.7	0.0
10/10/2020 5:48 AM	-0.2	0.8	---	3.7	0.0
10/10/2020 5:54 AM	-0.2	0.8	---	3.7	0.0
10/10/2020 6:00 AM	-0.2	0.8	---	3.7	0.0
10/10/2020 6:06 AM	-0.2	0.8	---	3.6	0.0
10/10/2020 6:12 AM	-0.2	0.8	---	3.7	0.0
10/10/2020 6:18 AM	-0.2	0.8	---	3.9	0.0
10/10/2020 6:24 AM	-0.2	0.9	---	3.9	0.0
10/10/2020 6:30 AM	-0.2	1.0	---	3.9	0.0
10/10/2020 6:36 AM	-0.2	1.0	---	4.2	0.0
10/10/2020 6:42 AM	-0.2	1.2	---	4.1	0.1
10/10/2020 6:48 AM	-0.2	1.3	---	4.1	0.0
10/10/2020 6:54 AM	-0.2	1.3	---	4.2	0.0
10/10/2020 7:00 AM	-0.2	1.4	---	4.1	0.0
10/10/2020 7:06 AM	-0.2	1.5	---	3.8	0.0
10/10/2020 7:12 AM	-0.2	1.5	---	3.6	0.0
10/10/2020 7:18 AM	-0.2	1.5	---	3.6	0.1
10/10/2020 7:24 AM	-0.2	1.4	---	3.7	0.1
10/10/2020 7:30 AM	-0.2	1.3	---	3.8	0.0
10/10/2020 7:36 AM	-0.2	1.1	---	3.7	0.0
10/10/2020 7:42 AM	-0.2	1.0	---	3.7	0.0
10/10/2020 7:48 AM	-0.2	1.0	---	3.6	0.0
10/10/2020 7:54 AM	-0.2	0.9	---	3.3	0.0
10/10/2020 8:00 AM	-0.2	0.9	---	3.1	0.0
10/10/2020 8:06 AM	-0.2	0.9	---	3.0	0.0
10/10/2020 8:12 AM	-0.2	0.9	---	3.0	0.1
10/10/2020 8:18 AM	-0.2	0.9	---	3.1	0.0
10/10/2020 8:24 AM	-0.2	0.7	---	6.4	0.0
10/10/2020 8:30 AM	-0.2	0.6	---	8.9	0.0
10/10/2020 8:36 AM	-0.2	0.5	---	8.5	0.0
10/10/2020 8:42 AM	-0.2	0.4	---	7.9	0.0
10/10/2020 8:48 AM	-0.2	0.4	---	7.3	0.0
10/10/2020 8:54 AM	-0.2	0.5	---	7.2	0.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/10/2020 9:00 AM	-0.2	0.6	---	7.7	0.1
10/10/2020 9:06 AM	-0.2	0.7	---	7.8	0.0
10/10/2020 9:12 AM	-0.2	0.7	---	7.7	0.0
10/10/2020 9:18 AM	-0.1	0.8	---	7.4	0.1
10/10/2020 9:24 AM	-0.1	0.9	---	7.4	0.0
10/10/2020 9:30 AM	-0.1	0.9	---	7.6	0.0
10/10/2020 9:36 AM	-0.1	1.0	---	7.6	0.0
10/10/2020 9:42 AM	-0.1	1.0	---	7.3	0.0
10/10/2020 9:48 AM	-0.1	1.0	---	7.6	0.1
10/10/2020 9:54 AM	-0.1	1.0	---	7.7	0.1
10/10/2020 10:00 AM	-0.1	1.0	---	7.7	0.1
10/10/2020 10:06 AM	-0.1	1.0	---	7.2	0.1
10/10/2020 10:12 AM	-0.1	1.0	---	7.1	0.1
10/10/2020 10:18 AM	-0.1	1.0	---	7.3	0.0
10/10/2020 10:24 AM	-0.1	1.0	---	7.7	0.0
10/10/2020 10:30 AM	-0.1	1.1	---	7.8	0.1
10/10/2020 10:36 AM	-0.1	1.1	---	8.0	0.1
10/10/2020 10:42 AM	-0.1	1.1	---	8.2	0.1
10/10/2020 10:48 AM	-0.1	1.1	---	7.9	0.1
10/10/2020 10:54 AM	-0.1	1.0	---	8.0	0.1
10/10/2020 11:00 AM	0.0	1.0	---	8.0	0.0
10/10/2020 11:06 AM	0.0	0.8	---	7.9	0.0
10/10/2020 11:12 AM	0.0	0.8	---	7.9	0.0
10/10/2020 11:18 AM	0.0	0.7	---	8.1	0.1
10/10/2020 11:24 AM	0.0	0.8	---	8.4	0.1
10/10/2020 11:30 AM	0.0	0.8	---	8.7	0.0
10/10/2020 11:36 AM	0.0	0.8	---	8.7	0.0
10/10/2020 11:42 AM	0.0	0.8	---	7.0	9.0
10/10/2020 11:48 AM	0.0	0.9	---	3.0	13.9
10/10/2020 11:54 AM	0.0	0.9	---	1.3	8.3
10/10/2020 12:00 PM	0.0	0.9	---	1.4	6.9
10/10/2020 12:06 PM	-0.1	0.8	---	1.4	6.8
10/10/2020 12:12 PM	-0.1	0.8	---	1.4	6.8
10/10/2020 12:18 PM	-0.1	0.8	---	1.4	6.4
10/10/2020 12:24 PM	-0.1	0.8	---	1.4	5.4
10/10/2020 12:30 PM	-0.1	0.8	---	1.4	4.5
10/10/2020 12:36 PM	-0.1	0.8	---	1.5	3.8
10/10/2020 12:42 PM	-0.1	0.9	---	1.5	3.4
10/10/2020 12:48 PM	-0.1	0.9	---	1.5	3.3
10/10/2020 12:54 PM	-0.1	1.0	---	1.6	3.1
10/10/2020 1:00 PM	-0.1	1.0	---	1.6	3.0
10/10/2020 1:06 PM	-0.1	1.0	---	1.5	3.0
10/10/2020 1:12 PM	-0.1	1.0	---	1.5	3.0
10/10/2020 1:18 PM	-0.1	1.1	---	1.6	3.2
10/10/2020 1:24 PM	-0.1	1.1	---	1.7	3.1
10/10/2020 1:30 PM	-0.1	1.1	---	1.6	3.0
10/10/2020 1:36 PM	-0.1	1.2	---	1.6	2.9
10/10/2020 1:42 PM	-0.1	1.2	---	1.7	2.9
10/10/2020 1:48 PM	-0.1	1.3	---	1.7	2.9
10/10/2020 1:54 PM	-0.1	1.3	---	1.8	3.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/10/2020 2:00 PM	-0.1	1.4	---	1.9	3.1
10/10/2020 2:06 PM	-0.1	1.4	---	1.9	3.1
10/10/2020 2:12 PM	-0.1	1.4	---	1.9	3.0
10/10/2020 2:18 PM	-0.1	1.4	---	1.9	3.0
10/10/2020 2:24 PM	-0.1	1.4	---	1.9	2.9
10/10/2020 2:30 PM	0.0	1.5	---	1.8	2.9
10/10/2020 2:36 PM	0.0	1.5	---	1.8	2.8
10/10/2020 2:42 PM	0.0	1.5	---	1.8	2.7
10/10/2020 2:48 PM	0.0	1.5	---	1.7	2.7
10/10/2020 2:54 PM	0.0	1.5	---	1.6	2.8
10/10/2020 3:00 PM	0.0	1.5	---	1.5	2.8
10/10/2020 3:06 PM	0.0	1.5	---	1.5	2.9
10/10/2020 3:12 PM	0.0	1.5	---	1.4	2.9
10/10/2020 3:18 PM	0.0	1.6	---	1.4	2.8
10/10/2020 3:24 PM	0.0	1.5	---	1.4	2.8
10/10/2020 3:30 PM	0.0	1.5	---	1.4	2.8
10/10/2020 3:36 PM	0.0	1.5	---	1.3	2.8
10/10/2020 3:42 PM	0.0	1.5	---	1.3	2.8
10/10/2020 3:48 PM	0.0	1.5	---	1.3	2.7
10/10/2020 3:54 PM	0.0	1.5	---	1.3	2.6
10/10/2020 4:00 PM	0.0	1.5	---	1.3	2.7
10/10/2020 4:06 PM	0.0	1.5	---	1.3	2.7
10/10/2020 4:12 PM	0.0	1.5	---	1.1	2.7
10/10/2020 4:18 PM	0.0	1.5	---	0.8	2.8
10/10/2020 4:24 PM	0.0	1.6	---	0.8	2.8
10/10/2020 4:30 PM	0.0	1.6	---	0.9	2.8
10/10/2020 4:36 PM	0.0	1.5	---	0.9	2.8
10/10/2020 4:42 PM	0.0	1.5	---	1.0	2.9
10/10/2020 4:48 PM	0.0	1.5	---	0.9	2.8
10/10/2020 4:54 PM	0.0	1.5	---	0.9	2.9
10/10/2020 5:00 PM	0.0	1.5	---	1.0	2.9
10/10/2020 5:06 PM	0.0	1.5	---	1.0	3.0
10/10/2020 5:12 PM	0.0	1.5	---	1.0	3.0
10/10/2020 5:18 PM	0.0	1.5	---	1.0	2.9
10/10/2020 5:24 PM	0.0	1.5	---	1.0	2.9
10/10/2020 5:30 PM	0.0	1.5	---	1.0	2.9
10/10/2020 5:36 PM	0.0	1.5	---	1.0	2.9
10/10/2020 5:42 PM	0.0	1.4	---	1.0	2.9
10/10/2020 5:48 PM	0.0	1.4	---	1.0	2.8
10/10/2020 5:54 PM	0.0	1.5	---	1.0	2.9
10/10/2020 6:00 PM	0.0	1.5	---	1.0	3.0
10/10/2020 6:06 PM	0.0	1.5	---	1.1	3.0
10/10/2020 6:12 PM	0.0	1.5	---	1.0	3.0
10/10/2020 6:18 PM	0.0	1.5	---	1.0	3.1
10/10/2020 6:24 PM	0.0	1.5	---	1.1	3.2
10/10/2020 6:30 PM	0.0	1.5	---	1.1	3.2
10/10/2020 6:36 PM	0.0	1.4	---	1.1	3.2
10/10/2020 6:42 PM	0.0	1.4	---	1.1	3.2
10/10/2020 6:48 PM	0.0	1.4	---	1.1	3.2
10/10/2020 6:54 PM	0.0	1.5	---	1.1	3.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/10/2020 7:00 PM	0.0	1.4	---	1.1	3.4
10/10/2020 7:06 PM	-0.1	1.5	---	1.1	3.2
10/10/2020 7:12 PM	-0.1	1.5	---	1.2	3.2
10/10/2020 7:18 PM	-0.1	1.5	---	1.1	3.2
10/10/2020 7:24 PM	-0.1	1.5	---	1.1	3.4
10/10/2020 7:30 PM	-0.1	1.5	---	1.1	3.5
10/10/2020 7:36 PM	-0.1	1.5	---	1.1	3.5
10/10/2020 7:42 PM	-0.1	1.5	---	1.1	3.6
10/10/2020 7:48 PM	-0.1	1.5	---	1.1	3.6
10/10/2020 7:54 PM	-0.1	1.6	---	1.2	3.6
10/10/2020 8:00 PM	-0.1	1.5	---	1.3	3.6
10/10/2020 8:06 PM	-0.1	1.5	---	1.3	3.5
10/10/2020 8:12 PM	-0.1	1.5	---	1.3	3.6
10/10/2020 8:18 PM	-0.1	1.5	---	1.3	3.5
10/10/2020 8:24 PM	-0.1	1.5	---	1.3	3.5
10/10/2020 8:30 PM	-0.1	1.5	---	1.2	3.4
10/10/2020 8:36 PM	-0.1	1.5	---	1.2	3.5
10/10/2020 8:42 PM	-0.1	1.5	---	1.2	3.5
10/10/2020 8:48 PM	-0.1	1.5	---	1.2	3.5
10/10/2020 8:54 PM	-0.1	1.5	---	1.2	3.5
10/10/2020 9:00 PM	-0.1	1.5	---	1.2	3.2
10/10/2020 9:06 PM	-0.1	1.5	---	1.2	3.1
10/10/2020 9:12 PM	0.0	1.5	---	1.2	3.1
10/10/2020 9:18 PM	-0.1	1.5	---	1.2	3.1
10/10/2020 9:24 PM	-0.1	1.5	---	1.2	3.1
10/10/2020 9:30 PM	-0.1	1.5	---	1.2	3.2
10/10/2020 9:36 PM	-0.1	1.5	---	1.3	3.1
10/10/2020 9:42 PM	-0.1	1.5	---	1.2	3.0
10/10/2020 9:48 PM	-0.1	1.5	---	1.1	2.9
10/10/2020 9:54 PM	-0.1	1.5	---	1.1	2.9
10/10/2020 10:00 PM	-0.1	1.5	---	1.1	2.9
10/10/2020 10:06 PM	-0.1	1.5	---	1.1	3.0
10/10/2020 10:12 PM	-0.1	1.5	---	1.2	3.0
10/10/2020 10:18 PM	-0.1	1.5	---	1.1	3.0
10/10/2020 10:24 PM	-0.1	1.5	---	1.0	3.1
10/10/2020 10:30 PM	-0.1	1.5	---	1.1	3.0
10/10/2020 10:36 PM	-0.1	1.5	---	1.0	3.1
10/10/2020 10:42 PM	-0.1	1.6	---	1.0	3.1
10/10/2020 10:48 PM	-0.1	1.6	---	1.0	3.0
10/10/2020 10:54 PM	-0.1	1.6	---	3.7	1.8
10/10/2020 11:00 PM	-0.1	1.6	---	5.1	0.3
10/10/2020 11:06 PM	-0.1	1.6	---	4.6	0.1
10/10/2020 11:12 PM	-0.1	1.6	---	4.5	0.1
10/10/2020 11:18 PM	0.0	1.6	---	4.4	0.1
10/10/2020 11:24 PM	0.0	1.6	---	4.4	0.0
10/10/2020 11:30 PM	-0.1	1.6	---	4.4	0.1
10/10/2020 11:36 PM	-0.1	1.5	---	4.4	0.1
10/10/2020 11:42 PM	-0.1	1.5	---	4.5	0.0
10/10/2020 11:48 PM	-0.1	1.5	---	4.4	0.1
10/10/2020 11:54 PM	-0.1	1.5	---	4.3	0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/11/2020 12:00 AM	-0.1	1.5	---	4.3	0.1
10/11/2020 12:06 AM	-0.1	1.5	---	4.2	0.1
10/11/2020 12:12 AM	-0.1	1.5	---	4.2	0.1
10/11/2020 12:18 AM	-0.1	1.5	---	4.1	0.1
10/11/2020 12:24 AM	-0.1	1.5	---	4.0	0.1
10/11/2020 12:30 AM	-0.1	1.5	---	4.1	0.1
10/11/2020 12:36 AM	-0.1	1.5	---	4.1	0.1
10/11/2020 12:42 AM	-0.1	1.5	---	4.0	0.1
10/11/2020 12:48 AM	-0.1	1.5	---	3.8	0.1
10/11/2020 12:54 AM	-0.1	1.5	---	3.6	0.1
10/11/2020 1:00 AM	-0.1	1.5	---	3.5	0.1
10/11/2020 1:06 AM	-0.1	1.5	---	3.6	0.1
10/11/2020 1:12 AM	-0.1	1.5	---	3.8	0.1
10/11/2020 1:18 AM	-0.1	1.5	---	3.6	0.1
10/11/2020 1:24 AM	-0.1	1.5	---	3.3	0.1
10/11/2020 1:30 AM	-0.1	1.4	---	3.3	0.1
10/11/2020 1:36 AM	-0.1	1.4	---	3.4	0.1
10/11/2020 1:42 AM	-0.1	1.4	---	3.2	0.1
10/11/2020 1:48 AM	-0.1	1.4	---	3.2	0.1
10/11/2020 1:54 AM	-0.1	1.4	---	3.2	0.0
10/11/2020 2:00 AM	-0.1	1.4	---	3.0	0.0
10/11/2020 2:06 AM	-0.1	1.4	---	2.9	0.0
10/11/2020 2:12 AM	-0.1	1.4	---	2.8	0.1
10/11/2020 2:18 AM	-0.1	1.3	---	2.9	0.1
10/11/2020 2:24 AM	0.0	1.3	---	3.0	0.1
10/11/2020 2:30 AM	0.0	1.3	---	3.0	0.1
10/11/2020 2:36 AM	0.0	1.3	---	2.9	0.1
10/11/2020 2:42 AM	0.0	1.3	---	2.9	0.1
10/11/2020 2:48 AM	0.0	1.3	---	2.7	0.1
10/11/2020 2:54 AM	0.0	1.3	---	2.7	0.1
10/11/2020 3:00 AM	0.0	1.3	---	2.8	0.1
10/11/2020 3:06 AM	0.0	1.3	---	2.8	0.1
10/11/2020 3:12 AM	0.0	1.3	---	2.9	0.1
10/11/2020 3:18 AM	0.0	1.3	---	3.0	0.0
10/11/2020 3:24 AM	0.0	1.3	---	3.0	0.1
10/11/2020 3:30 AM	0.0	1.3	---	3.0	0.1
10/11/2020 3:36 AM	0.0	1.3	---	3.1	0.0
10/11/2020 3:42 AM	0.0	1.3	---	3.1	0.1
10/11/2020 3:48 AM	0.0	1.3	---	3.1	0.1
10/11/2020 3:54 AM	0.0	1.3	---	3.7	0.1
10/11/2020 4:00 AM	0.0	1.3	---	4.3	0.1
10/11/2020 4:06 AM	0.0	1.3	---	4.3	0.1
10/11/2020 4:12 AM	0.0	1.3	---	4.3	0.0
10/11/2020 4:18 AM	0.0	1.3	---	4.1	0.1
10/11/2020 4:24 AM	0.0	1.3	---	3.9	0.0
10/11/2020 4:30 AM	0.0	1.3	---	3.8	0.0
10/11/2020 4:36 AM	0.0	1.3	---	4.0	0.0
10/11/2020 4:42 AM	0.0	1.3	---	4.1	0.0
10/11/2020 4:48 AM	0.0	1.3	---	4.0	0.0
10/11/2020 4:54 AM	-0.1	1.3	---	4.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/11/2020 5:00 AM	-0.1	1.3	---	4.5	0.1
10/11/2020 5:06 AM	-0.1	1.3	---	4.4	0.1
10/11/2020 5:12 AM	-0.1	1.3	---	4.1	0.0
10/11/2020 5:18 AM	-0.1	1.3	---	3.9	0.0
10/11/2020 5:24 AM	-0.1	1.3	---	3.8	0.1
10/11/2020 5:30 AM	-0.1	1.3	---	3.8	0.1
10/11/2020 5:36 AM	0.0	1.3	---	3.9	0.1
10/11/2020 5:42 AM	0.0	1.3	---	3.9	0.1
10/11/2020 5:48 AM	0.0	1.3	---	4.0	0.1
10/11/2020 5:54 AM	-0.1	1.4	---	3.9	0.0
10/11/2020 6:00 AM	-0.1	1.4	---	3.8	0.0
10/11/2020 6:06 AM	-0.1	1.4	---	3.7	0.0
10/11/2020 6:12 AM	-0.1	1.4	---	3.8	0.0
10/11/2020 6:18 AM	-0.1	1.4	---	3.8	0.0
10/11/2020 6:24 AM	-0.1	1.3	---	3.7	0.0
10/11/2020 6:30 AM	-0.1	1.3	---	3.7	0.0
10/11/2020 6:36 AM	-0.1	1.3	---	3.8	0.0
10/11/2020 6:42 AM	-0.1	1.3	---	3.9	0.0
10/11/2020 6:48 AM	-0.1	1.3	---	4.0	0.0
10/11/2020 6:54 AM	-0.1	1.4	---	4.0	0.0
10/11/2020 7:00 AM	-0.1	1.4	---	4.0	0.0
10/11/2020 7:06 AM	-0.1	1.5	---	4.1	0.0
10/11/2020 7:12 AM	-0.1	1.5	---	3.9	0.0
10/11/2020 7:18 AM	-0.1	1.6	---	3.7	0.0
10/11/2020 7:24 AM	-0.1	1.7	---	3.6	0.0
10/11/2020 7:30 AM	-0.1	1.8	---	3.6	0.0
10/11/2020 7:36 AM	-0.1	1.8	---	3.5	0.0
10/11/2020 7:42 AM	-0.1	1.8	---	3.5	0.0
10/11/2020 7:48 AM	-0.1	1.8	---	3.6	0.0
10/11/2020 7:54 AM	-0.1	1.7	---	3.5	0.0
10/11/2020 8:00 AM	-0.1	1.7	---	3.4	0.0
10/11/2020 8:06 AM	-0.1	1.7	---	3.5	0.0
10/11/2020 8:12 AM	-0.1	1.8	---	3.6	0.0
10/11/2020 8:18 AM	-0.2	1.8	---	3.6	0.0
10/11/2020 8:24 AM	-0.2	1.8	---	3.5	0.0
10/11/2020 8:30 AM	-0.2	1.8	---	3.4	0.0
10/11/2020 8:36 AM	-0.2	1.7	---	3.4	0.0
10/11/2020 8:42 AM	-0.2	1.7	---	4.0	0.0
10/11/2020 8:48 AM	-0.2	1.7	---	4.2	0.0
10/11/2020 8:54 AM	9.4	14.2	---	4.0	0.0
10/11/2020 9:00 AM	14.6	17.0	---	4.2	0.0
10/11/2020 9:06 AM	8.7	5.0	---	4.2	0.0
10/11/2020 9:12 AM	6.6	3.4	---	4.2	0.0
10/11/2020 9:18 AM	4.2	2.5	---	4.2	0.0
10/11/2020 9:24 AM	2.5	1.9	---	4.1	0.0
10/11/2020 9:30 AM	2.1	1.6	---	5.5	7.2
10/11/2020 9:36 AM	5.2	1.5	---	6.4	8.6
10/11/2020 9:42 AM	6.5	1.5	---	5.9	0.2
10/11/2020 9:48 AM	3.4	1.4	---	5.7	0.0
10/11/2020 9:54 AM	1.8	1.4	---	6.0	0.0

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/11/2020 10:00 AM	1.7	1.4	---	6.1	0.0
10/11/2020 10:06 AM	1.5	1.3	---	6.0	0.0
10/11/2020 10:12 AM	1.3	1.3	---	6.0	0.0
10/11/2020 10:18 AM	1.0	1.4	---	5.9	0.0
10/11/2020 10:24 AM	0.8	1.4	---	5.9	0.0
10/11/2020 10:30 AM	0.6	1.4	---	5.9	0.0
10/11/2020 10:36 AM	0.5	1.4	---	5.9	0.0
10/11/2020 10:42 AM	0.4	1.5	---	5.8	0.0
10/11/2020 10:48 AM	0.2	1.5	---	5.7	0.0
10/11/2020 10:54 AM	0.2	1.5	---	5.8	0.0
10/11/2020 11:00 AM	0.1	1.6	---	5.9	0.0
10/11/2020 11:06 AM	0.1	1.6	---	5.8	0.0
10/11/2020 11:12 AM	0.1	1.6	---	5.8	0.0
10/11/2020 11:18 AM	0.0	1.7	---	6.1	0.0
10/11/2020 11:24 AM	0.0	1.6	---	6.3	0.0
10/11/2020 11:30 AM	0.0	1.6	---	6.5	0.0
10/11/2020 11:36 AM	0.0	1.6	---	6.3	5.5
10/11/2020 11:42 AM	3.4	1.6	---	5.9	12.3
10/11/2020 11:48 AM	5.0	1.6	---	5.9	9.8
10/11/2020 11:54 AM	3.0	1.6	---	6.0	8.2
10/11/2020 12:00 PM	2.7	1.6	---	5.6	8.1
10/11/2020 12:06 PM	1.7	1.6	---	5.9	7.2
10/11/2020 12:12 PM	1.5	1.6	---	5.1	7.5
10/11/2020 12:18 PM	1.3	1.7	---	2.6	7.9
10/11/2020 12:24 PM	1.0	1.7	---	1.4	7.6
10/11/2020 12:30 PM	4.2	1.6	---	1.5	6.6
10/11/2020 12:36 PM	4.4	1.6	---	1.5	5.4
10/11/2020 12:42 PM	3.2	1.6	---	1.5	4.6
10/11/2020 12:48 PM	2.6	1.6	---	1.6	4.1
10/11/2020 12:54 PM	2.2	1.6	---	1.6	3.8
10/11/2020 1:00 PM	1.8	1.6	---	1.2	3.3
10/11/2020 1:06 PM	1.3	1.6	---	0.6	2.8
10/11/2020 1:12 PM	3.1	1.6	---	0.6	2.8
10/11/2020 1:18 PM	3.7	1.6	---	0.7	2.8
10/11/2020 1:24 PM	2.3	1.6	---	0.7	2.8
10/11/2020 1:30 PM	2.6	1.6	---	0.7	2.7
10/11/2020 1:36 PM	2.6	1.7	---	0.8	2.8
10/11/2020 1:42 PM	6.6	1.7	---	0.8	3.0
10/11/2020 1:48 PM	5.0	1.8	---	0.8	3.0
10/11/2020 1:54 PM	3.1	1.8	---	0.8	3.1
10/11/2020 2:00 PM	2.8	1.7	---	0.8	3.1
10/11/2020 2:06 PM	2.3	1.6	---	0.8	3.3
10/11/2020 2:12 PM	2.1	1.6	---	0.8	3.5
10/11/2020 2:18 PM	4.3	1.7	---	0.8	3.3
10/11/2020 2:24 PM	5.6	1.7	---	0.8	3.4
10/11/2020 2:30 PM	4.4	1.7	---	0.8	3.4
10/11/2020 2:36 PM	3.0	1.7	---	0.8	3.4
10/11/2020 2:42 PM	2.4	1.7	---	0.8	3.6
10/11/2020 2:48 PM	1.7	1.7	---	0.8	3.7
10/11/2020 2:54 PM	1.4	1.7	---	0.8	3.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/11/2020 3:00 PM	1.1	1.8	---	0.8	3.8
10/11/2020 3:06 PM	0.8	1.8	---	0.8	3.8
10/11/2020 3:12 PM	0.5	1.8	---	0.8	3.8
10/11/2020 3:18 PM	0.2	1.7	---	0.8	3.6
10/11/2020 3:24 PM	0.0	1.7	---	0.8	3.4
10/11/2020 3:30 PM	3.5	1.7	---	0.8	3.4
10/11/2020 3:36 PM	3.8	1.8	---	0.8	3.5
10/11/2020 3:42 PM	2.7	1.8	---	0.8	3.5
10/11/2020 3:48 PM	2.2	1.8	---	0.8	3.5
10/11/2020 3:54 PM	1.7	1.8	---	0.9	3.6
10/11/2020 4:00 PM	1.4	1.8	---	0.9	3.4
10/11/2020 4:06 PM	1.2	1.8	---	0.8	3.2
10/11/2020 4:12 PM	0.9	1.8	---	0.8	3.2
10/11/2020 4:18 PM	5.2	1.7	---	0.8	3.3
10/11/2020 4:24 PM	8.1	1.7	---	0.5	3.3
10/11/2020 4:30 PM	6.0	1.7	---	-0.2	3.2
10/11/2020 4:36 PM	5.0	1.7	---	-0.6	3.1
10/11/2020 4:42 PM	4.4	1.7	---	-0.7	2.9
10/11/2020 4:48 PM	3.3	1.7	---	-0.6	2.9
10/11/2020 4:54 PM	1.8	1.7	---	-0.7	3.2
10/11/2020 5:00 PM	1.4	1.7	---	-0.7	3.3
10/11/2020 5:06 PM	1.2	1.7	---	-0.7	3.1
10/11/2020 5:12 PM	1.1	1.7	---	-0.7	3.0
10/11/2020 5:18 PM	1.0	1.7	---	-0.7	3.1
10/11/2020 5:24 PM	0.9	1.7	---	-0.7	3.1
10/11/2020 5:30 PM	0.9	1.7	---	-0.7	3.0
10/11/2020 5:36 PM	0.8	1.7	---	-0.7	3.0
10/11/2020 5:42 PM	0.8	1.7	---	-0.7	3.0
10/11/2020 5:48 PM	0.7	1.7	---	-0.7	3.0
10/11/2020 5:54 PM	0.7	1.7	---	-0.7	2.8
10/11/2020 6:00 PM	0.6	1.7	---	-0.7	3.0
10/11/2020 6:06 PM	0.6	1.7	---	-0.7	3.0
10/11/2020 6:12 PM	0.6	1.7	---	-0.7	2.6
10/11/2020 6:18 PM	0.8	1.7	---	-0.7	2.5
10/11/2020 6:24 PM	1.1	1.7	---	-0.7	2.5
10/11/2020 6:30 PM	1.2	1.7	---	-0.7	2.6
10/11/2020 6:36 PM	1.2	1.7	---	-0.7	2.6
10/11/2020 6:42 PM	1.1	1.7	---	-0.7	2.5
10/11/2020 6:48 PM	1.1	1.7	---	-0.7	2.5
10/11/2020 6:54 PM	1.1	1.7	---	-0.7	2.5
10/11/2020 7:00 PM	1.0	1.7	---	-0.7	2.5
10/11/2020 7:06 PM	0.9	1.7	---	-0.7	2.4
10/11/2020 7:12 PM	0.8	1.7	---	-0.7	2.5
10/11/2020 7:18 PM	0.7	1.7	---	-0.7	2.4
10/11/2020 7:24 PM	0.6	1.6	---	-0.7	2.5
10/11/2020 7:30 PM	0.5	1.6	---	-0.7	2.5
10/11/2020 7:36 PM	0.4	1.6	---	-0.7	2.5
10/11/2020 7:42 PM	0.3	1.6	---	-0.7	2.6
10/11/2020 7:48 PM	0.3	1.6	---	-0.7	2.6
10/11/2020 7:54 PM	0.3	1.6	---	-0.7	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/11/2020 8:00 PM	0.3	1.6	---	-0.7	2.5
10/11/2020 8:06 PM	0.3	1.6	---	-0.6	2.5
10/11/2020 8:12 PM	0.3	1.6	---	-0.6	2.5
10/11/2020 8:18 PM	0.3	1.6	---	-0.7	2.4
10/11/2020 8:24 PM	0.3	1.6	---	-0.7	2.5
10/11/2020 8:30 PM	0.3	1.6	---	-0.7	2.6
10/11/2020 8:36 PM	0.3	1.6	---	-0.7	2.6
10/11/2020 8:42 PM	0.3	1.6	---	-0.7	2.5
10/11/2020 8:48 PM	0.3	1.6	---	-0.7	2.4
10/11/2020 8:54 PM	0.3	1.6	---	-0.7	2.4
10/11/2020 9:00 PM	0.3	1.6	---	-0.6	2.5
10/11/2020 9:06 PM	0.3	1.6	---	-0.6	2.5
10/11/2020 9:12 PM	0.4	1.5	---	-0.7	2.5
10/11/2020 9:18 PM	0.4	1.5	---	-0.7	2.5
10/11/2020 9:24 PM	0.5	1.5	---	-0.7	2.4
10/11/2020 9:30 PM	0.5	1.5	---	-0.6	2.4
10/11/2020 9:36 PM	0.4	1.6	---	-0.6	2.4
10/11/2020 9:42 PM	0.4	1.6	---	-0.6	2.5
10/11/2020 9:48 PM	0.3	1.6	---	-0.6	2.5
10/11/2020 9:54 PM	0.3	1.5	---	-0.6	2.6
10/11/2020 10:00 PM	0.2	1.5	---	-0.7	2.5
10/11/2020 10:06 PM	0.2	1.5	---	-0.6	2.5
10/11/2020 10:12 PM	0.2	1.5	---	-0.6	2.4
10/11/2020 10:18 PM	0.2	1.3	---	-0.6	2.3
10/11/2020 10:24 PM	0.2	1.0	---	-0.6	2.3
10/11/2020 10:30 PM	0.2	0.9	---	-0.6	2.3
10/11/2020 10:36 PM	0.2	1.0	---	-0.6	2.3
10/11/2020 10:42 PM	0.2	1.0	---	-0.6	2.3
10/11/2020 10:48 PM	0.2	1.1	---	-0.6	2.4
10/11/2020 10:54 PM	0.2	1.2	---	-0.6	2.4
10/11/2020 11:00 PM	0.3	1.1	---	-0.6	2.5
10/11/2020 11:06 PM	0.3	1.1	---	-0.6	2.6
10/11/2020 11:12 PM	0.3	1.1	---	-0.6	2.5
10/11/2020 11:18 PM	0.3	1.1	---	-0.6	2.4
10/11/2020 11:24 PM	0.3	1.0	---	-0.6	2.4
10/11/2020 11:30 PM	0.2	1.0	---	-0.6	2.4
10/11/2020 11:36 PM	0.2	1.0	---	-0.6	2.4
10/11/2020 11:42 PM	0.2	1.0	---	-0.6	2.4
10/11/2020 11:48 PM	0.2	1.0	---	-0.6	2.4
10/11/2020 11:54 PM	0.2	1.0	---	-0.6	2.4
10/12/2020 12:00 AM	0.2	1.0	---	-0.6	2.1
10/12/2020 12:06 AM	0.2	1.1	---	-0.6	1.9
10/12/2020 12:12 AM	0.2	1.1	---	-0.6	2.0
10/12/2020 12:18 AM	0.2	1.1	---	-0.6	2.0
10/12/2020 12:24 AM	0.2	1.2	---	-0.5	2.1
10/12/2020 12:30 AM	0.2	1.2	---	-0.5	2.1
10/12/2020 12:36 AM	0.2	1.3	---	-0.5	2.1
10/12/2020 12:42 AM	0.2	1.3	---	-0.5	2.0
10/12/2020 12:48 AM	0.2	1.3	---	-0.5	2.1
10/12/2020 12:54 AM	0.2	1.3	---	-0.6	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 1:00 AM	0.2	1.3	---	-0.6	2.1
10/12/2020 1:06 AM	0.2	1.3	---	-0.6	2.1
10/12/2020 1:12 AM	0.2	1.4	---	-0.6	2.1
10/12/2020 1:18 AM	0.2	1.4	---	-0.6	2.1
10/12/2020 1:24 AM	0.2	1.3	---	-0.6	2.1
10/12/2020 1:30 AM	0.2	1.3	---	-0.6	2.0
10/12/2020 1:36 AM	0.2	1.3	---	-0.6	2.0
10/12/2020 1:42 AM	0.2	1.3	---	-0.6	1.9
10/12/2020 1:48 AM	0.2	1.4	---	-0.5	2.0
10/12/2020 1:54 AM	0.2	1.4	---	-0.5	2.0
10/12/2020 2:00 AM	0.2	1.4	---	-0.5	2.0
10/12/2020 2:06 AM	0.2	1.5	---	-0.5	1.9
10/12/2020 2:12 AM	0.2	1.5	---	-0.5	2.0
10/12/2020 2:18 AM	0.2	1.6	---	-0.5	2.0
10/12/2020 2:24 AM	0.2	1.7	---	-0.5	2.0
10/12/2020 2:30 AM	0.1	1.8	---	-0.5	2.0
10/12/2020 2:36 AM	0.1	1.9	---	-0.5	2.0
10/12/2020 2:42 AM	0.1	1.9	---	-0.5	2.1
10/12/2020 2:48 AM	0.1	1.9	---	-0.5	2.0
10/12/2020 2:54 AM	0.1	2.0	---	-0.5	2.0
10/12/2020 3:00 AM	0.1	2.1	---	-0.5	2.0
10/12/2020 3:06 AM	0.1	2.2	---	-0.5	2.0
10/12/2020 3:12 AM	0.1	2.3	---	-0.5	2.1
10/12/2020 3:18 AM	0.2	2.4	---	-0.4	2.1
10/12/2020 3:24 AM	0.2	2.6	---	-0.4	2.2
10/12/2020 3:30 AM	0.2	2.6	---	-0.4	2.2
10/12/2020 3:36 AM	0.4	2.6	---	-0.4	2.2
10/12/2020 3:42 AM	0.7	2.5	---	-0.4	2.1
10/12/2020 3:48 AM	0.5	2.5	---	-0.4	2.1
10/12/2020 3:54 AM	0.3	2.5	---	-0.4	2.1
10/12/2020 4:00 AM	0.2	2.4	---	-0.4	2.1
10/12/2020 4:06 AM	0.2	2.4	---	-0.4	2.1
10/12/2020 4:12 AM	0.2	2.4	---	-0.3	2.6
10/12/2020 4:18 AM	0.1	2.4	---	-0.3	3.2
10/12/2020 4:24 AM	0.1	2.4	---	-0.3	3.0
10/12/2020 4:30 AM	0.1	2.4	---	-0.3	2.9
10/12/2020 4:36 AM	0.0	2.4	---	-0.3	2.7
10/12/2020 4:42 AM	-0.1	2.4	---	-0.3	2.7
10/12/2020 4:48 AM	-0.1	2.5	---	-0.3	2.7
10/12/2020 4:54 AM	0.0	2.5	---	-0.3	2.6
10/12/2020 5:00 AM	0.0	2.5	---	-0.3	2.6
10/12/2020 5:06 AM	-0.1	2.6	---	-0.3	2.6
10/12/2020 5:12 AM	0.0	2.6	---	-0.3	2.6
10/12/2020 5:18 AM	0.0	2.6	---	-0.3	2.6
10/12/2020 5:24 AM	0.0	2.7	---	-0.3	2.6
10/12/2020 5:30 AM	0.0	2.7	---	-0.3	2.6
10/12/2020 5:36 AM	0.0	2.7	---	-0.3	2.6
10/12/2020 5:42 AM	0.0	2.7	---	-0.3	2.5
10/12/2020 5:48 AM	0.0	2.7	---	-0.3	2.4
10/12/2020 5:54 AM	0.0	2.7	---	-0.3	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 6:00 AM	0.1	2.7	---	-0.3	2.5
10/12/2020 6:06 AM	0.9	2.7	---	-0.3	2.5
10/12/2020 6:12 AM	0.9	2.6	---	-0.3	4.7
10/12/2020 6:18 AM	0.7	2.6	---	-0.3	7.7
10/12/2020 6:24 AM	0.6	2.6	---	-0.3	7.9
10/12/2020 6:30 AM	0.5	2.6	---	-0.3	7.4
10/12/2020 6:36 AM	0.5	2.6	---	-0.3	7.1
10/12/2020 6:42 AM	0.6	2.6	---	-0.3	6.8
10/12/2020 6:48 AM	0.6	2.6	---	-0.3	6.5
10/12/2020 6:54 AM	0.5	2.6	---	-0.3	6.2
10/12/2020 7:00 AM	0.4	2.6	---	-0.3	6.1
10/12/2020 7:06 AM	0.0	2.6	---	-0.3	4.9
10/12/2020 7:12 AM	-0.2	2.6	---	-0.3	2.9
10/12/2020 7:18 AM	-0.2	2.5	---	-0.3	2.5
10/12/2020 7:24 AM	-0.2	2.5	---	-0.3	2.6
10/12/2020 7:30 AM	-0.1	2.5	---	-0.3	3.0
10/12/2020 7:36 AM	0.1	2.5	---	-0.3	3.9
10/12/2020 7:42 AM	0.2	2.5	---	-0.3	4.2
10/12/2020 7:48 AM	0.1	2.5	---	-0.3	4.2
10/12/2020 7:54 AM	0.1	2.5	---	-0.3	4.1
10/12/2020 8:00 AM	0.3	2.5	---	-0.3	4.9
10/12/2020 8:06 AM	0.5	2.5	---	-0.3	5.9
10/12/2020 8:12 AM	0.5	2.5	---	-0.3	6.0
10/12/2020 8:18 AM	0.5	15.8	---	-0.3	5.9
10/12/2020 8:24 AM	0.4	20.9	---	-0.3	5.9
10/12/2020 8:30 AM	0.4	8.7	---	-0.3	5.8
10/12/2020 8:36 AM	0.4	6.0	---	-0.3	5.4
10/12/2020 8:42 AM	0.4	4.7	---	-0.3	5.1
10/12/2020 8:48 AM	0.4	4.1	---	-0.3	4.9
10/12/2020 8:54 AM	0.4	3.2	---	-0.3	5.0
10/12/2020 9:00 AM	0.0	2.4	---	-0.3	3.4
10/12/2020 9:06 AM	-0.2	1.8	---	-0.3	1.9
10/12/2020 9:12 AM	-0.2	1.5	---	-0.3	2.0
10/12/2020 9:18 AM	-0.2	2.0	---	-0.3	2.1
10/12/2020 9:24 AM	-0.2	2.3	---	-0.3	2.1
10/12/2020 9:30 AM	-0.1	1.9	---	-0.3	2.2
10/12/2020 9:36 AM	-0.1	1.7	---	-0.3	2.2
10/12/2020 9:42 AM	0.0	1.4	---	-0.3	2.2
10/12/2020 9:48 AM	0.1	1.1	---	-0.3	2.2
10/12/2020 9:54 AM	0.2	0.9	---	-0.3	2.3
10/12/2020 10:00 AM	0.2	0.8	---	-0.3	2.3
10/12/2020 10:06 AM	0.3	0.7	---	-0.3	2.3
10/12/2020 10:12 AM	0.1	0.8	---	-0.3	2.5
10/12/2020 10:18 AM	-0.1	0.8	---	-0.3	2.6
10/12/2020 10:24 AM	-0.1	0.8	---	-0.3	2.9
10/12/2020 10:30 AM	0.0	1.2	---	-0.3	3.2
10/12/2020 10:36 AM	0.0	1.3	---	-0.3	3.3
10/12/2020 10:42 AM	0.1	1.1	---	-0.3	3.3
10/12/2020 10:48 AM	0.1	1.0	---	-0.3	3.5
10/12/2020 10:54 AM	0.2	0.9	---	-0.3	4.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 11:00 AM	0.3	1.7	---	-0.3	5.3
10/12/2020 11:06 AM	0.5	2.5	---	-0.3	6.4
10/12/2020 11:12 AM	0.5	2.2	---	-0.3	6.0
10/12/2020 11:18 AM	0.5	2.1	---	8.8	5.7
10/12/2020 11:24 AM	0.4	1.8	---	15.7	5.6
10/12/2020 11:30 AM	0.4	1.5	---	10.0	5.7
10/12/2020 11:36 AM	0.4	1.4	---	8.9	5.8
10/12/2020 11:42 AM	0.4	1.3	---	10.0	5.8
10/12/2020 11:48 AM	0.4	1.3	---	7.5	5.7
10/12/2020 11:54 AM	0.3	1.3	---	7.9	5.7
10/12/2020 12:00 PM	0.3	1.2	---	8.9	5.7
10/12/2020 12:06 PM	0.2	0.8	---	8.1	5.8
10/12/2020 12:12 PM	0.2	0.7	---	6.8	5.7
10/12/2020 12:18 PM	0.2	0.7	---	6.2	5.8
10/12/2020 12:24 PM	0.2	0.7	---	4.4	5.8
10/12/2020 12:30 PM	0.2	0.7	---	1.3	5.7
10/12/2020 12:36 PM	0.2	0.7	---	0.2	5.5
10/12/2020 12:42 PM	0.2	0.6	---	0.3	5.4
10/12/2020 12:48 PM	0.2	0.0	---	0.3	5.4
10/12/2020 12:54 PM	0.2	0.0	---	0.4	5.5
10/12/2020 1:00 PM	0.0	0.0	---	0.4	5.5
10/12/2020 1:06 PM	-0.2	0.0	---	0.4	5.6
10/12/2020 1:12 PM	-0.2	0.0	---	0.4	5.7
10/12/2020 1:18 PM	-0.3	0.2	---	0.4	5.6
10/12/2020 1:24 PM	-0.3	0.2	---	0.2	4.5
10/12/2020 1:30 PM	-0.2	0.1	---	-0.5	3.0
10/12/2020 1:36 PM	-0.1	0.0	---	-0.7	2.9
10/12/2020 1:42 PM	-0.1	0.0	---	-0.7	2.9
10/12/2020 1:48 PM	0.0	0.0	---	-0.7	3.0
10/12/2020 1:54 PM	0.0	0.0	---	-0.7	3.0
10/12/2020 2:00 PM	0.0	0.0	---	-0.7	3.1
10/12/2020 2:06 PM	0.1	0.0	---	-0.6	3.1
10/12/2020 2:12 PM	0.1	0.0	---	-0.6	3.0
10/12/2020 2:18 PM	0.1	0.1	---	-0.7	3.0
10/12/2020 2:24 PM	0.1	0.1	---	-0.7	3.0
10/12/2020 2:30 PM	0.1	0.1	---	-0.7	2.9
10/12/2020 2:36 PM	0.1	0.1	---	-0.7	2.9
10/12/2020 2:42 PM	0.1	0.1	---	-0.6	2.9
10/12/2020 2:48 PM	0.1	0.1	---	-0.7	3.0
10/12/2020 2:54 PM	0.1	0.1	---	-0.7	3.1
10/12/2020 3:00 PM	0.1	0.1	---	-0.7	3.0
10/12/2020 3:06 PM	0.1	0.1	---	-0.7	3.1
10/12/2020 3:12 PM	0.1	0.1	---	-0.7	3.2
10/12/2020 3:18 PM	0.2	0.0	---	-0.7	3.3
10/12/2020 3:24 PM	0.2	0.0	---	-0.7	3.3
10/12/2020 3:30 PM	0.1	0.1	---	-0.7	3.3
10/12/2020 3:36 PM	0.2	0.1	---	-0.7	3.2
10/12/2020 3:42 PM	0.2	0.1	---	-0.6	3.1
10/12/2020 3:48 PM	0.2	0.1	---	-0.6	3.2
10/12/2020 3:54 PM	0.2	0.2	---	-0.6	3.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 4:00 PM	0.1	0.7	---	-0.6	3.1
10/12/2020 4:06 PM	0.1	0.8	---	-0.6	3.2
10/12/2020 4:12 PM	0.1	0.5	---	-0.6	3.3
10/12/2020 4:18 PM	0.1	0.5	---	-0.6	3.3
10/12/2020 4:24 PM	0.2	0.5	---	-0.6	3.4
10/12/2020 4:30 PM	0.2	0.5	---	-0.6	3.3
10/12/2020 4:36 PM	0.1	0.5	---	-0.6	3.3
10/12/2020 4:42 PM	0.3	0.5	---	-0.6	3.2
10/12/2020 4:48 PM	0.4	0.5	---	-0.6	3.2
10/12/2020 4:54 PM	0.4	0.5	---	-0.6	3.2
10/12/2020 5:00 PM	0.3	0.6	---	-0.6	3.2
10/12/2020 5:06 PM	0.3	0.7	---	-0.6	3.1
10/12/2020 5:12 PM	0.3	0.7	---	-0.6	3.1
10/12/2020 5:18 PM	0.3	0.7	---	-0.6	3.1
10/12/2020 5:24 PM	0.3	0.7	---	-0.6	3.2
10/12/2020 5:30 PM	0.3	0.7	---	-0.6	3.2
10/12/2020 5:36 PM	0.3	0.6	---	-0.6	3.1
10/12/2020 5:42 PM	0.3	0.7	---	-0.6	3.0
10/12/2020 5:48 PM	0.3	0.7	---	-0.6	3.0
10/12/2020 5:54 PM	0.3	0.6	---	-0.6	3.1
10/12/2020 6:00 PM	0.3	0.7	---	-0.6	3.1
10/12/2020 6:06 PM	0.3	0.6	---	-0.6	3.1
10/12/2020 6:12 PM	0.3	0.6	---	-0.6	3.2
10/12/2020 6:18 PM	0.3	0.6	---	-0.6	3.3
10/12/2020 6:24 PM	0.3	0.7	---	-0.6	3.3
10/12/2020 6:30 PM	0.3	0.7	---	-0.6	3.3
10/12/2020 6:36 PM	0.3	0.7	---	-0.6	3.3
10/12/2020 6:42 PM	0.3	0.6	---	-0.6	3.4
10/12/2020 6:48 PM	0.3	0.6	---	-0.6	3.5
10/12/2020 6:54 PM	0.3	0.6	---	-0.6	3.4
10/12/2020 7:00 PM	0.3	0.7	---	-0.6	3.4
10/12/2020 7:06 PM	0.3	0.7	---	-0.6	3.3
10/12/2020 7:12 PM	0.3	0.8	---	-0.6	3.2
10/12/2020 7:18 PM	0.3	0.7	---	-0.6	3.2
10/12/2020 7:24 PM	0.3	0.7	---	-0.6	3.3
10/12/2020 7:30 PM	0.3	0.9	---	-0.6	3.7
10/12/2020 7:36 PM	0.3	1.0	---	-0.6	4.3
10/12/2020 7:42 PM	0.3	0.9	---	-0.6	4.2
10/12/2020 7:48 PM	0.3	0.8	---	-0.6	4.2
10/12/2020 7:54 PM	0.3	0.8	---	-0.6	4.2
10/12/2020 8:00 PM	0.3	0.8	---	-0.6	4.0
10/12/2020 8:06 PM	0.3	0.9	---	-0.6	3.9
10/12/2020 8:12 PM	0.2	0.9	---	-0.6	3.8
10/12/2020 8:18 PM	0.3	0.8	---	-0.6	3.8
10/12/2020 8:24 PM	0.2	0.7	---	-0.6	3.9
10/12/2020 8:30 PM	0.1	0.5	---	-0.6	3.4
10/12/2020 8:36 PM	0.1	0.4	---	-0.6	3.1
10/12/2020 8:42 PM	0.0	0.3	---	-0.6	2.9
10/12/2020 8:48 PM	0.0	0.3	---	-0.6	2.7
10/12/2020 8:54 PM	0.0	0.3	---	-0.6	2.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/12/2020 9:00 PM	0.0	0.4	---	-0.6	2.5
10/12/2020 9:06 PM	0.0	0.4	---	-0.6	2.1
10/12/2020 9:12 PM	0.0	0.4	---	-0.6	2.0
10/12/2020 9:18 PM	0.0	0.4	---	-0.6	2.1
10/12/2020 9:24 PM	0.1	0.5	---	-0.6	2.1
10/12/2020 9:30 PM	0.1	0.5	---	-0.6	2.1
10/12/2020 9:36 PM	0.1	0.4	---	-0.6	2.1
10/12/2020 9:42 PM	0.1	0.4	---	-0.6	2.1
10/12/2020 9:48 PM	0.1	0.4	---	-0.6	2.1
10/12/2020 9:54 PM	0.3	0.3	---	-0.6	2.2
10/12/2020 10:00 PM	0.4	0.3	---	-0.6	2.2
10/12/2020 10:06 PM	0.4	0.3	---	-0.6	2.2
10/12/2020 10:12 PM	0.4	0.3	---	-0.6	2.2
10/12/2020 10:18 PM	0.4	0.4	---	-0.6	2.3
10/12/2020 10:24 PM	0.4	0.4	---	-0.6	2.3
10/12/2020 10:30 PM	0.4	0.4	---	-0.6	2.3
10/12/2020 10:36 PM	0.4	0.4	---	-0.6	2.3
10/12/2020 10:42 PM	0.4	0.4	---	-0.6	2.3
10/12/2020 10:48 PM	0.4	0.3	---	-0.6	2.3
10/12/2020 10:54 PM	0.4	0.3	---	-0.6	2.2
10/12/2020 11:00 PM	0.4	0.3	---	-0.6	2.2
10/12/2020 11:06 PM	0.4	0.4	---	-0.6	2.2
10/12/2020 11:12 PM	0.3	0.4	---	-0.6	2.2
10/12/2020 11:18 PM	0.3	0.3	---	-0.6	2.2
10/12/2020 11:24 PM	0.3	0.3	---	-0.6	2.2
10/12/2020 11:30 PM	0.3	0.2	---	-0.6	2.2
10/12/2020 11:36 PM	0.3	0.3	---	-0.6	2.2
10/12/2020 11:42 PM	0.3	0.4	---	-0.5	2.2
10/12/2020 11:48 PM	0.3	0.4	---	-0.5	2.2
10/12/2020 11:54 PM	0.2	0.4	---	-0.5	2.2
10/13/2020 12:00 AM	0.0	0.2	---	-0.5	2.3
10/13/2020 12:06 AM	0.1	0.1	---	-0.5	2.2
10/13/2020 12:12 AM	0.1	0.0	---	-0.5	2.2
10/13/2020 12:18 AM	0.1	0.0	---	-0.5	2.2
10/13/2020 12:24 AM	0.2	0.2	---	-0.5	2.1
10/13/2020 12:30 AM	0.3	0.5	---	-0.5	1.0
10/13/2020 12:36 AM	0.2	0.5	---	-0.5	0.2
10/13/2020 12:42 AM	0.2	0.5	---	-0.5	0.2
10/13/2020 12:48 AM	0.2	0.4	---	-0.5	0.2
10/13/2020 12:54 AM	0.2	0.4	---	-0.5	0.3
10/13/2020 1:00 AM	0.2	0.5	---	-0.5	0.2
10/13/2020 1:06 AM	0.2	0.5	---	-0.5	0.2
10/13/2020 1:12 AM	0.1	0.5	---	-0.5	0.2
10/13/2020 1:18 AM	0.1	0.4	---	-0.5	0.2
10/13/2020 1:24 AM	0.1	0.4	---	-0.5	0.2
10/13/2020 1:30 AM	0.1	0.2	---	-0.5	0.2
10/13/2020 1:36 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 1:42 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 1:48 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 1:54 AM	0.1	0.1	---	-0.5	0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/13/2020 2:00 AM	0.1	0.2	---	-0.5	0.2
10/13/2020 2:06 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 2:12 AM	0.0	0.1	---	-0.5	0.2
10/13/2020 2:18 AM	0.0	0.1	---	-0.5	0.1
10/13/2020 2:24 AM	0.0	0.1	---	-0.5	0.2
10/13/2020 2:30 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 2:36 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 2:42 AM	0.3	0.1	---	-0.5	0.2
10/13/2020 2:48 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 2:54 AM	0.0	0.0	---	-0.5	0.2
10/13/2020 3:00 AM	0.0	0.0	---	-0.5	0.2
10/13/2020 3:06 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 3:12 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 3:18 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 3:24 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 3:30 AM	0.1	0.1	---	-0.5	0.1
10/13/2020 3:36 AM	0.0	0.0	---	-0.5	0.1
10/13/2020 3:42 AM	0.0	0.0	---	-0.5	0.1
10/13/2020 3:48 AM	0.1	0.0	---	-0.5	0.1
10/13/2020 3:54 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 4:00 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 4:06 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 4:12 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 4:18 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 4:24 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 4:30 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 4:36 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 4:42 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 4:48 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 4:54 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 5:00 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 5:06 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 5:12 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 5:18 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 5:24 AM	0.1	0.0	---	-0.4	0.2
10/13/2020 5:30 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 5:36 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 5:42 AM	0.1	0.1	---	-0.5	0.2
10/13/2020 5:48 AM	0.1	0.0	---	-0.5	0.2
10/13/2020 5:54 AM	0.1	0.1	---	-0.5	0.1
10/13/2020 6:00 AM	0.1	0.1	---	-0.5	0.1
10/13/2020 6:06 AM	0.1	0.1	---	-0.5	0.1
10/13/2020 6:12 AM	0.1	0.0	---	-0.5	0.1
10/13/2020 6:18 AM	0.0	0.1	---	-0.5	0.1
10/13/2020 6:24 AM	0.1	0.3	---	-0.5	0.1
10/13/2020 6:30 AM	0.1	0.4	---	-0.5	0.0
10/13/2020 6:36 AM	0.1	0.3	---	-0.5	0.0
10/13/2020 6:42 AM	0.2	0.3	---	-0.5	0.0
10/13/2020 6:48 AM	0.2	0.2	---	-0.5	0.0
10/13/2020 6:54 AM	0.2	0.2	---	-0.5	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/13/2020 7:00 AM	0.2	0.2	---	-0.5	0.1
10/13/2020 7:06 AM	0.3	0.1	---	-0.5	0.1
10/13/2020 7:12 AM	0.3	0.1	---	-0.5	0.1
10/13/2020 7:18 AM	0.3	0.1	---	-0.5	0.1
10/13/2020 7:24 AM	0.3	0.1	---	-0.5	0.1
10/13/2020 7:30 AM	0.3	0.1	---	-0.5	0.0
10/13/2020 7:36 AM	0.3	0.1	---	-0.5	0.0
10/13/2020 7:42 AM	0.3	0.0	---	-0.5	0.0
10/13/2020 7:48 AM	0.3	0.1	---	-0.5	0.0
10/13/2020 7:54 AM	0.3	0.1	---	-0.5	0.0
10/13/2020 8:00 AM	0.3	0.0	---	-0.5	0.1
10/13/2020 8:06 AM	0.4	0.0	---	-0.5	0.1
10/13/2020 8:12 AM	0.4	-0.1	---	-0.5	0.1
10/13/2020 8:18 AM	0.4	-0.1	---	-0.5	0.1
10/13/2020 8:24 AM	0.4	-0.1	---	-0.5	0.1
10/13/2020 8:30 AM	0.4	0.0	---	-0.5	0.2
10/13/2020 8:36 AM	0.4	0.0	---	-0.4	0.2
10/13/2020 8:42 AM	0.4	0.0	---	-0.4	0.3
10/13/2020 8:48 AM	0.4	0.0	---	-0.4	0.3
10/13/2020 8:54 AM	0.4	0.1	---	-0.4	0.3
10/13/2020 9:00 AM	0.3	0.2	---	-0.4	0.3
10/13/2020 9:06 AM	0.2	0.3	---	-0.4	0.3
10/13/2020 9:12 AM	0.2	0.5	---	-0.4	0.3
10/13/2020 9:18 AM	0.2	0.5	---	-0.5	0.2
10/13/2020 9:24 AM	0.1	0.4	---	-0.5	0.2
10/13/2020 9:30 AM	0.1	0.5	---	-0.5	0.1
10/13/2020 9:36 AM	0.2	0.6	---	-0.5	0.1
10/13/2020 9:42 AM	0.2	0.8	---	-0.5	0.1
10/13/2020 9:48 AM	0.2	0.7	---	-0.5	0.0
10/13/2020 9:54 AM	0.2	0.6	---	-0.5	0.1
10/13/2020 10:00 AM	0.2	0.5	---	-0.5	0.1
10/13/2020 10:06 AM	0.4	0.6	---	-0.5	0.1
10/13/2020 10:12 AM	0.5	0.8	---	-0.5	0.1
10/13/2020 10:18 AM	0.4	0.9	---	-0.5	0.1
10/13/2020 10:24 AM	0.4	0.8	---	-0.5	0.1
10/13/2020 10:30 AM	0.3	0.8	---	-0.5	0.1
10/13/2020 10:36 AM	0.3	0.8	---	-0.5	0.1
10/13/2020 10:42 AM	0.3	0.8	---	-0.5	0.1
10/13/2020 10:48 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 10:54 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:00 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:06 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:12 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:18 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:24 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:30 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:36 AM	0.3	0.7	---	-0.5	0.1
10/13/2020 11:42 AM	0.3	0.7	---	-0.5	0.0
10/13/2020 11:48 AM	0.3	0.7	---	-0.6	0.0
10/13/2020 11:54 AM	0.2	0.7	---	-0.6	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/13/2020 12:00 PM	0.0	0.6	---	-0.7	0.0
10/13/2020 12:06 PM	-0.7	0.6	---	-1.1	-0.2
10/13/2020 12:12 PM	-0.8	0.6	---	-1.1	-0.2
10/13/2020 12:18 PM	-0.8	0.6	---	-1.1	-0.2
10/13/2020 12:24 PM	-0.8	0.7	---	-1.1	-0.2
10/13/2020 12:30 PM	-0.7	0.7	---	-1.1	-0.2
10/13/2020 12:36 PM	-0.7	0.7	---	-1.1	-0.2
10/13/2020 12:42 PM	-0.7	0.7	---	-1.1	-0.2
10/13/2020 12:48 PM	-0.7	0.7	---	-1.1	-0.1
10/13/2020 12:54 PM	-0.7	0.7	---	-1.1	-0.1
10/13/2020 1:00 PM	-0.8	0.8	---	-1.1	-0.1
10/13/2020 1:06 PM	-0.8	0.8	---	-1.1	-0.1
10/13/2020 1:12 PM	-0.8	0.7	---	-1.0	-0.1
10/13/2020 1:18 PM	-0.9	0.6	---	-1.0	-0.1
10/13/2020 1:24 PM	-0.9	0.5	---	-1.0	-0.1
10/13/2020 1:30 PM	-1.0	0.6	---	-1.0	0.0
10/13/2020 1:36 PM	-1.0	0.5	---	-1.0	0.0
10/13/2020 1:42 PM	-0.9	0.2	---	-1.0	-0.1
10/13/2020 1:48 PM	-0.9	0.1	---	-1.1	-0.1
10/13/2020 1:54 PM	-0.8	0.0	---	-1.1	-0.1
10/13/2020 2:00 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 2:06 PM	-0.6	0.0	---	-1.1	-0.2
10/13/2020 2:12 PM	-0.6	0.0	---	-1.1	-0.2
10/13/2020 2:18 PM	-0.6	0.0	---	-1.1	-0.2
10/13/2020 2:24 PM	-0.5	0.0	---	-1.1	-0.2
10/13/2020 2:30 PM	-0.6	0.0	---	-1.1	-0.2
10/13/2020 2:36 PM	-0.6	-0.1	---	-1.1	-0.2
10/13/2020 2:42 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 2:48 PM	-0.9	0.1	---	-1.1	-0.2
10/13/2020 2:54 PM	-0.8	0.2	---	-1.1	-0.2
10/13/2020 3:00 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:06 PM	-0.7	0.3	---	-1.1	-0.2
10/13/2020 3:12 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:18 PM	-0.7	0.1	---	-1.1	-0.2
10/13/2020 3:24 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:30 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:36 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:42 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:48 PM	-0.7	0.2	---	-1.1	-0.2
10/13/2020 3:54 PM	-0.6	0.2	---	-1.1	-0.2
10/13/2020 4:00 PM	-0.6	0.2	---	-1.1	-0.2
10/13/2020 4:06 PM	-0.6	0.2	---	-1.1	-0.2
10/13/2020 4:12 PM	-0.7	0.1	---	-1.1	-0.2
10/13/2020 4:18 PM	-0.7	0.1	---	-1.1	-0.2
10/13/2020 4:24 PM	-0.7	0.1	---	-1.1	-0.2
10/13/2020 4:30 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 4:36 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 4:42 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 4:48 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 4:54 PM	-0.7	-0.1	---	-1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/13/2020 5:00 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 5:06 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:12 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:18 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:24 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:30 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:36 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 5:42 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 5:48 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 5:54 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 6:00 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 6:06 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 6:12 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 6:18 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 6:24 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 6:30 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 6:36 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 6:42 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 6:48 PM	-0.7	0.0	---	-1.1	-0.2
10/13/2020 6:54 PM	-0.7	-0.1	---	-1.1	-0.2
10/13/2020 7:00 PM	-0.5	0.1	---	-1.1	-0.2
10/13/2020 7:06 PM	-0.2	0.2	---	-1.1	-0.2
10/13/2020 7:12 PM	-0.2	0.1	---	-1.1	-0.2
10/13/2020 7:18 PM	-0.3	0.1	---	-1.1	-0.2
10/13/2020 7:24 PM	-0.3	0.1	---	-1.1	-0.2
10/13/2020 7:30 PM	-0.3	0.1	---	-1.1	-0.2
10/13/2020 7:36 PM	-0.4	0.1	---	-1.1	-0.2
10/13/2020 7:42 PM	-0.4	0.1	---	-1.1	-0.2
10/13/2020 7:48 PM	-0.5	0.1	---	-1.1	-0.2
10/13/2020 7:54 PM	-0.6	0.1	---	-1.1	-0.2
10/13/2020 8:00 PM	-0.6	0.1	---	-1.1	-0.2
10/13/2020 8:06 PM	-0.7	0.1	---	-1.1	-0.2
10/13/2020 8:12 PM	-0.8	0.1	---	-1.1	-0.2
10/13/2020 8:18 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:24 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:30 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:36 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:42 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:48 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 8:54 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 9:00 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:06 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:12 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:18 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:24 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 9:30 PM	-0.8	0.0	---	-1.1	-0.2
10/13/2020 9:36 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:42 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:48 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 9:54 PM	-0.8	-0.1	---	-1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/13/2020 10:00 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:06 PM	-0.8	-0.2	---	-1.1	-0.2
10/13/2020 10:12 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:18 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:24 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:30 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:36 PM	-0.8	-0.1	---	-1.1	-0.2
10/13/2020 10:42 PM	-0.8	-0.1	---	-1.0	-0.2
10/13/2020 10:48 PM	-0.8	0.0	---	-1.0	-0.2
10/13/2020 10:54 PM	-0.8	0.0	---	-1.0	-0.2
10/13/2020 11:00 PM	-0.8	-0.1	---	-1.0	-0.2
10/13/2020 11:06 PM	-0.8	-0.2	---	-1.0	-0.2
10/13/2020 11:12 PM	-0.7	-0.1	---	-1.0	-0.2
10/13/2020 11:18 PM	-0.7	-0.1	---	-1.0	-0.2
10/13/2020 11:24 PM	-0.7	0.0	---	-1.0	-0.2
10/13/2020 11:30 PM	-0.7	0.0	---	-1.0	-0.2
10/13/2020 11:36 PM	-0.7	0.0	---	-1.0	-0.2
10/13/2020 11:42 PM	-0.7	0.0	---	-1.0	-0.2
10/13/2020 11:48 PM	-0.7	0.0	---	-1.0	-0.2
10/13/2020 11:54 PM	-0.7	0.0	---	-1.0	-0.2
10/14/2020 12:00 AM	-0.7	-0.1	---	-1.0	-0.2
10/14/2020 12:06 AM	-0.6	-0.5	---	-1.0	-0.2
10/14/2020 12:12 AM	-0.7	-0.7	---	-1.0	-0.2
10/14/2020 12:18 AM	-0.7	-0.6	---	-1.0	-0.2
10/14/2020 12:24 AM	-0.8	-0.8	---	-1.0	-0.2
10/14/2020 12:30 AM	-0.8	-0.9	---	-1.0	-0.2
10/14/2020 12:36 AM	-0.8	-0.9	---	-1.0	-0.2
10/14/2020 12:42 AM	-0.8	-0.9	---	-1.0	-0.3
10/14/2020 12:48 AM	-0.9	-0.9	---	-1.0	-0.2
10/14/2020 12:54 AM	-0.9	-0.9	---	-1.0	-0.2
10/14/2020 1:00 AM	-0.9	-1.0	---	-1.0	-0.2
10/14/2020 1:06 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 1:12 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 1:18 AM	-0.9	-1.0	---	-1.0	-0.2
10/14/2020 1:24 AM	-0.9	-0.9	---	-1.0	-0.2
10/14/2020 1:30 AM	-0.9	-1.0	---	-1.0	-0.3
10/14/2020 1:36 AM	-0.9	-1.0	---	-1.0	-0.3
10/14/2020 1:42 AM	-0.8	-0.9	---	-1.0	-0.2
10/14/2020 1:48 AM	-0.8	-1.0	---	-1.0	-0.2
10/14/2020 1:54 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 2:00 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 2:06 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 2:12 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 2:18 AM	-0.8	-1.0	---	-1.0	-0.2
10/14/2020 2:24 AM	-0.7	-1.0	---	-1.0	-0.2
10/14/2020 2:30 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 2:36 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 2:42 AM	-0.7	-1.0	---	-1.1	-0.3
10/14/2020 2:48 AM	-0.7	-1.0	---	-1.1	-0.3
10/14/2020 2:54 AM	-0.7	-1.0	---	-1.1	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/14/2020 3:00 AM	-0.7	-1.0	---	-1.1	-0.3
10/14/2020 3:06 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:12 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:18 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:24 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:30 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:36 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:42 AM	-0.7	-1.0	---	-1.0	-0.3
10/14/2020 3:48 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 3:54 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 4:00 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 4:06 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 4:12 AM	-0.8	-1.0	---	-1.0	-0.3
10/14/2020 4:18 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 4:24 AM	-1.1	-1.0	---	-1.1	-0.3
10/14/2020 4:30 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 4:36 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 4:42 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 4:48 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 4:54 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 5:00 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 5:06 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 5:12 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 5:18 AM	-1.0	-1.0	---	-1.1	-0.3
10/14/2020 5:24 AM	-1.0	-0.9	---	-1.1	-0.3
10/14/2020 5:30 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 5:36 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 5:42 AM	-1.0	-1.0	---	-1.0	-0.3
10/14/2020 5:48 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 5:54 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:00 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:06 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:12 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:18 AM	-1.0	-0.9	---	-1.1	-0.3
10/14/2020 6:24 AM	-1.0	-0.9	---	-1.1	-0.3
10/14/2020 6:30 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:36 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:42 AM	-1.0	-0.9	---	-1.0	-0.3
10/14/2020 6:48 AM	-1.0	-0.9	---	-1.1	-0.3
10/14/2020 6:54 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:00 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:06 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:12 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:18 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:24 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:30 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:36 AM	-0.9	-0.9	---	-1.1	-0.3
10/14/2020 7:42 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 7:48 AM	-0.7	-0.9	---	-1.1	-0.3
10/14/2020 7:54 AM	-0.8	-0.9	---	-1.1	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/14/2020 8:00 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:06 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:12 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:18 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:24 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 8:30 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:36 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 8:42 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 8:48 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 8:54 AM	-0.8	-0.9	---	-1.1	-0.3
10/14/2020 9:00 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 9:06 AM	-0.8	-0.8	---	-1.1	-0.2
10/14/2020 9:12 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 9:18 AM	-0.8	-0.8	---	-1.1	-0.2
10/14/2020 9:24 AM	-0.8	-0.8	---	-1.1	-0.2
10/14/2020 9:30 AM	-0.8	-0.9	---	-1.1	-0.2
10/14/2020 9:36 AM	-0.8	-0.8	---	-1.1	-0.2
10/14/2020 9:42 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 9:48 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 9:54 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 10:00 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 10:06 AM	-0.8	-0.8	---	-1.1	-0.3
10/14/2020 10:12 AM	-0.8	-0.8	---	-1.1	11.0
10/14/2020 10:18 AM	-0.9	-0.8	---	-1.1	16.3
10/14/2020 10:24 AM	-0.9	-0.8	---	-1.1	8.1
10/14/2020 10:30 AM	-1.0	-0.8	---	-1.1	5.5
10/14/2020 10:36 AM	-0.9	-0.8	---	-1.1	4.7
10/14/2020 10:42 AM	-0.9	-0.8	---	-1.1	4.6
10/14/2020 10:48 AM	-0.9	-0.8	---	-1.1	4.6
10/14/2020 10:54 AM	-0.9	-0.8	---	-1.1	4.9
10/14/2020 11:00 AM	-0.8	-0.8	---	-1.1	4.9
10/14/2020 11:06 AM	-0.8	-0.8	---	-1.1	3.7
10/14/2020 11:12 AM	-0.9	-0.8	---	-1.1	2.6
10/14/2020 11:18 AM	-0.9	-0.8	---	-1.1	2.3
10/14/2020 11:24 AM	-0.8	-0.8	---	-1.1	2.1
10/14/2020 11:30 AM	-0.7	-0.8	---	-1.1	2.0
10/14/2020 11:36 AM	-0.7	-0.8	---	-1.1	2.1
10/14/2020 11:42 AM	-0.7	-0.8	---	-1.1	2.1
10/14/2020 11:48 AM	-0.7	-0.8	---	-1.1	2.1
10/14/2020 11:54 AM	-0.6	-0.8	---	-1.1	2.1
10/14/2020 12:00 PM	-0.3	-0.7	---	-0.9	2.1
10/14/2020 12:06 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 12:12 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 12:18 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 12:24 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 12:30 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 12:36 PM	0.9	-0.2	---	-0.4	2.2
10/14/2020 12:42 PM	0.9	-0.2	---	-0.4	2.2
10/14/2020 12:48 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 12:54 PM	0.9	-0.3	---	-0.4	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/14/2020 1:00 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:06 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:12 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:18 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:24 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:30 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:36 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:42 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:48 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 1:54 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:00 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:06 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 2:12 PM	0.9	-0.3	---	-0.4	2.2
10/14/2020 2:18 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:24 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:30 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:36 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:42 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:48 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 2:54 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:00 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 3:06 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:12 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:18 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:24 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 3:30 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 3:36 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:42 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:48 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 3:54 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 4:00 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 4:06 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 4:12 PM	1.0	-0.3	---	-0.4	2.1
10/14/2020 4:18 PM	1.0	-0.3	---	-0.4	2.1
10/14/2020 4:24 PM	1.0	-0.3	---	-0.4	2.1
10/14/2020 4:30 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 4:36 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 4:42 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 4:48 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 4:54 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 5:00 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 5:06 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 5:12 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 5:18 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 5:24 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 5:30 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 5:36 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 5:42 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 5:48 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 5:54 PM	0.9	-0.3	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/14/2020 6:00 PM	0.9	-0.3	---	-0.4	2.0
10/14/2020 6:06 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 6:12 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 6:18 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 6:24 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 6:30 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 6:36 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 6:42 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 6:48 PM	0.8	-0.3	---	-0.4	2.0
10/14/2020 6:54 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:00 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:06 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:12 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:18 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:24 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:30 PM	0.8	-0.3	---	-0.4	2.0
10/14/2020 7:36 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 7:42 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 7:48 PM	1.0	-0.3	---	-0.4	2.1
10/14/2020 7:54 PM	1.0	-0.3	---	-0.4	2.1
10/14/2020 8:00 PM	0.9	-0.3	---	-0.4	2.1
10/14/2020 8:06 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 8:12 PM	0.8	-0.3	---	-0.4	2.1
10/14/2020 8:18 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 8:24 PM	0.7	-0.3	---	-0.4	1.9
10/14/2020 8:30 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 8:36 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 8:42 PM	0.7	-0.3	---	-0.4	1.9
10/14/2020 8:48 PM	0.6	-0.3	---	-0.4	2.0
10/14/2020 8:54 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 9:00 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 9:06 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 9:12 PM	0.6	-0.3	---	-0.4	2.0
10/14/2020 9:18 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 9:24 PM	0.6	-0.3	---	-0.4	2.0
10/14/2020 9:30 PM	0.6	-0.3	---	-0.4	2.0
10/14/2020 9:36 PM	0.6	-0.3	---	-0.4	2.0
10/14/2020 9:42 PM	0.7	-0.3	---	-0.4	2.0
10/14/2020 9:48 PM	0.7	-0.3	---	-0.4	2.1
10/14/2020 9:54 PM	0.6	-0.3	---	-0.4	2.2
10/14/2020 10:00 PM	0.7	-0.3	---	-0.4	2.2
10/14/2020 10:06 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:12 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:18 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:24 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 10:30 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:36 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:42 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:48 PM	0.6	-0.3	---	-0.4	2.1
10/14/2020 10:54 PM	0.6	-0.2	---	-0.4	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/14/2020 11:00 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:06 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:12 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:18 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:24 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:30 PM	0.6	-0.2	---	-0.4	2.1
10/14/2020 11:36 PM	0.6	-0.2	---	-0.4	2.0
10/14/2020 11:42 PM	0.6	-0.2	---	-0.4	2.0
10/14/2020 11:48 PM	0.8	-0.1	---	-0.4	1.3
10/14/2020 11:54 PM	0.9	-0.1	---	-0.4	0.1
10/15/2020 12:00 AM	0.8	-0.1	---	-0.4	-0.2
10/15/2020 12:06 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:12 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:18 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:24 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:30 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:36 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:42 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:48 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 12:54 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:00 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:06 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:12 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:18 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:24 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:30 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:36 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:42 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:48 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 1:54 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 2:00 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 2:06 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:12 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:18 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:24 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:30 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:36 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 2:42 AM	0.7	-0.1	---	-0.4	-0.2
10/15/2020 2:48 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 2:54 AM	0.7	0.0	---	-0.4	-0.2
10/15/2020 3:00 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:06 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:12 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:18 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:24 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:30 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:36 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:42 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:48 AM	0.8	0.0	---	-0.4	-0.2
10/15/2020 3:54 AM	0.8	0.0	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/15/2020 4:00 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:06 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:12 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:18 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:24 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:30 AM	0.6	0.0	---	-0.4	-0.2
10/15/2020 4:36 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 4:42 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 4:48 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 4:54 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 5:00 AM	0.7	0.1	---	-0.4	-0.2
10/15/2020 5:06 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 5:12 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 5:18 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 5:24 AM	0.6	0.1	---	-0.4	-0.2
10/15/2020 5:30 AM	0.5	0.1	---	-0.4	-0.2
10/15/2020 5:36 AM	0.5	0.2	---	-0.4	-0.2
10/15/2020 5:42 AM	0.5	0.1	---	-0.4	-0.2
10/15/2020 5:48 AM	0.5	0.1	---	-0.4	-0.2
10/15/2020 5:54 AM	0.6	0.2	---	-0.4	-0.2
10/15/2020 6:00 AM	0.6	0.2	---	-0.4	-0.2
10/15/2020 6:06 AM	0.5	0.2	---	-0.4	-0.2
10/15/2020 6:12 AM	0.5	0.2	---	-0.4	-0.2
10/15/2020 6:18 AM	0.6	0.2	---	-0.4	-0.2
10/15/2020 6:24 AM	0.6	0.2	---	-0.4	-0.2
10/15/2020 6:30 AM	0.6	0.3	---	-0.4	-0.2
10/15/2020 6:36 AM	0.6	0.3	---	-0.4	-0.2
10/15/2020 6:42 AM	0.6	0.4	---	-0.4	-0.2
10/15/2020 6:48 AM	0.6	0.4	---	-0.4	-0.2
10/15/2020 6:54 AM	0.6	0.4	---	-0.4	-0.2
10/15/2020 7:00 AM	0.6	0.5	---	-0.4	-0.2
10/15/2020 7:06 AM	0.6	0.5	---	-0.4	-0.2
10/15/2020 7:12 AM	0.6	0.5	---	-0.4	-0.2
10/15/2020 7:18 AM	1.1	0.4	---	-0.4	-0.2
10/15/2020 7:24 AM	1.3	0.3	---	-0.4	-0.2
10/15/2020 7:30 AM	1.1	0.3	---	-0.4	-0.2
10/15/2020 7:36 AM	1.1	0.2	---	-0.4	-0.2
10/15/2020 7:42 AM	1.1	0.2	---	-0.4	-0.2
10/15/2020 7:48 AM	1.0	0.2	---	-0.4	-0.2
10/15/2020 7:54 AM	1.0	0.2	---	-0.4	-0.2
10/15/2020 8:00 AM	1.0	0.2	---	-0.4	-0.2
10/15/2020 8:06 AM	1.0	0.2	---	-0.4	-0.2
10/15/2020 8:12 AM	1.0	0.2	---	-0.4	-0.2
10/15/2020 8:18 AM	1.0	0.1	---	-0.4	-0.2
10/15/2020 8:24 AM	1.0	0.1	---	-0.4	-0.2
10/15/2020 8:30 AM	0.9	0.0	---	-0.4	7.4
10/15/2020 8:36 AM	0.7	0.0	---	-0.4	11.2
10/15/2020 8:42 AM	0.6	-0.1	---	-0.4	5.9
10/15/2020 8:48 AM	0.7	-0.1	---	-0.4	5.7
10/15/2020 8:54 AM	0.7	0.0	---	-0.4	5.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/15/2020 9:00 AM	0.7	0.0	---	-0.4	5.3
10/15/2020 9:06 AM	0.7	0.1	---	6.3	4.6
10/15/2020 9:12 AM	0.5	0.1	---	11.6	5.6
10/15/2020 9:18 AM	0.2	0.2	---	5.8	6.7
10/15/2020 9:24 AM	0.1	0.2	---	4.4	5.9
10/15/2020 9:30 AM	0.1	0.3	---	4.9	3.9
10/15/2020 9:36 AM	0.1	0.3	---	4.4	3.0
10/15/2020 9:42 AM	0.1	0.3	---	4.7	2.9
10/15/2020 9:48 AM	0.2	0.3	---	4.2	2.8
10/15/2020 9:54 AM	0.2	0.3	---	3.0	2.8
10/15/2020 10:00 AM	0.1	0.3	---	2.5	2.7
10/15/2020 10:06 AM	0.1	0.3	---	2.3	2.6
10/15/2020 10:12 AM	0.2	0.3	---	2.2	2.7
10/15/2020 10:18 AM	0.2	0.2	---	2.2	2.7
10/15/2020 10:24 AM	0.2	0.2	---	2.2	2.7
10/15/2020 10:30 AM	0.2	0.3	---	2.2	2.6
10/15/2020 10:36 AM	0.2	0.3	---	2.3	2.6
10/15/2020 10:42 AM	0.2	0.3	---	2.3	2.7
10/15/2020 10:48 AM	0.3	0.3	---	2.2	2.7
10/15/2020 10:54 AM	0.3	0.2	---	2.2	2.7
10/15/2020 11:00 AM	0.3	0.1	---	2.1	2.6
10/15/2020 11:06 AM	0.3	0.0	---	1.9	2.5
10/15/2020 11:12 AM	0.3	0.0	---	1.1	2.3
10/15/2020 11:18 AM	0.3	0.1	---	0.4	2.2
10/15/2020 11:24 AM	0.3	0.1	---	0.5	2.3
10/15/2020 11:30 AM	0.3	0.1	---	0.5	2.3
10/15/2020 11:36 AM	0.3	0.1	---	0.6	2.3
10/15/2020 11:42 AM	0.3	0.1	---	0.6	2.3
10/15/2020 11:48 AM	0.3	0.2	---	0.6	2.3
10/15/2020 11:54 AM	0.3	0.2	---	0.6	2.4
10/15/2020 12:00 PM	0.3	8.8	---	0.7	2.4
10/15/2020 12:06 PM	0.0	18.1	---	0.7	2.4
10/15/2020 12:12 PM	0.0	6.7	---	0.7	2.4
10/15/2020 12:18 PM	0.0	2.1	---	0.7	2.4
10/15/2020 12:24 PM	0.0	0.9	---	0.6	2.4
10/15/2020 12:30 PM	0.1	0.3	---	0.6	2.4
10/15/2020 12:36 PM	0.1	0.1	---	0.6	2.4
10/15/2020 12:42 PM	0.0	0.1	---	0.6	2.4
10/15/2020 12:48 PM	0.0	0.0	---	0.7	2.4
10/15/2020 12:54 PM	0.0	0.1	---	0.7	2.4
10/15/2020 1:00 PM	0.1	0.2	---	0.6	2.4
10/15/2020 1:06 PM	0.1	0.3	---	0.6	2.3
10/15/2020 1:12 PM	0.0	0.4	---	0.6	2.3
10/15/2020 1:18 PM	0.0	0.5	---	0.6	2.3
10/15/2020 1:24 PM	0.0	0.5	---	0.6	2.3
10/15/2020 1:30 PM	0.0	0.4	---	0.6	2.3
10/15/2020 1:36 PM	0.0	0.3	---	0.6	2.3
10/15/2020 1:42 PM	0.0	0.2	---	0.6	2.3
10/15/2020 1:48 PM	0.0	0.2	---	0.7	2.3
10/15/2020 1:54 PM	0.0	0.2	---	0.7	2.3

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/15/2020 2:00 PM	0.0	0.2	---	0.7	2.3
10/15/2020 2:06 PM	0.0	0.2	---	0.7	2.4
10/15/2020 2:12 PM	0.0	0.2	---	0.7	2.4
10/15/2020 2:18 PM	0.0	0.3	---	0.7	2.4
10/15/2020 2:24 PM	0.0	0.3	---	0.7	2.4
10/15/2020 2:30 PM	0.0	0.3	---	0.7	2.3
10/15/2020 2:36 PM	-0.1	0.4	---	0.7	2.4
10/15/2020 2:42 PM	-0.1	0.4	---	0.7	2.4
10/15/2020 2:48 PM	-0.1	0.5	---	0.7	2.4
10/15/2020 2:54 PM	-0.1	0.6	---	0.7	2.4
10/15/2020 3:00 PM	-0.1	0.7	---	0.7	2.4
10/15/2020 3:06 PM	0.0	0.7	---	0.7	2.4
10/15/2020 3:12 PM	-0.1	0.8	---	0.7	2.4
10/15/2020 3:18 PM	-0.1	0.8	---	0.7	2.4
10/15/2020 3:24 PM	-0.1	0.8	---	0.7	2.4
10/15/2020 3:30 PM	-0.1	0.7	---	0.7	2.3
10/15/2020 3:36 PM	0.0	0.7	---	0.7	2.3
10/15/2020 3:42 PM	0.0	0.5	---	0.7	2.3
10/15/2020 3:48 PM	-0.1	0.4	---	0.7	2.3
10/15/2020 3:54 PM	-0.1	0.3	---	0.7	2.3
10/15/2020 4:00 PM	-0.1	0.4	---	0.7	2.3
10/15/2020 4:06 PM	0.0	0.4	---	0.7	2.3
10/15/2020 4:12 PM	0.0	0.4	---	0.7	2.2
10/15/2020 4:18 PM	-0.1	0.5	---	0.7	2.1
10/15/2020 4:24 PM	-0.1	0.6	---	0.7	2.2
10/15/2020 4:30 PM	-0.1	0.8	---	0.7	2.3
10/15/2020 4:36 PM	-0.1	0.9	---	0.7	2.3
10/15/2020 4:42 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 4:48 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 4:54 PM	-0.1	1.1	---	0.7	2.4
10/15/2020 5:00 PM	-0.1	1.1	---	0.7	2.4
10/15/2020 5:06 PM	-0.2	1.1	---	0.7	2.3
10/15/2020 5:12 PM	-0.2	1.1	---	0.7	2.3
10/15/2020 5:18 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 5:24 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 5:30 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 5:36 PM	-0.1	1.0	---	0.7	2.3
10/15/2020 5:42 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 5:48 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 5:54 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 6:00 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 6:06 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 6:12 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 6:18 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 6:24 PM	-0.2	1.1	---	0.7	2.5
10/15/2020 6:30 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 6:36 PM	-0.2	1.1	---	0.7	2.5
10/15/2020 6:42 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 6:48 PM	-0.2	1.0	---	0.7	2.4
10/15/2020 6:54 PM	-0.2	1.0	---	0.7	2.4

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/15/2020 7:00 PM	-0.1	1.0	---	0.7	2.4
10/15/2020 7:06 PM	-0.1	1.0	---	0.7	2.4
10/15/2020 7:12 PM	-0.1	1.0	---	0.7	2.4
10/15/2020 7:18 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 7:24 PM	-0.2	1.0	---	0.8	2.5
10/15/2020 7:30 PM	-0.2	1.0	---	0.8	2.5
10/15/2020 7:36 PM	-0.1	1.0	---	0.7	2.5
10/15/2020 7:42 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 7:48 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 7:54 PM	-0.2	1.0	---	0.7	2.5
10/15/2020 8:00 PM	-0.1	1.0	---	0.7	2.6
10/15/2020 8:06 PM	-0.1	1.1	---	0.7	2.6
10/15/2020 8:12 PM	-0.1	1.1	---	0.7	2.6
10/15/2020 8:18 PM	-0.2	1.1	---	0.7	2.5
10/15/2020 8:24 PM	-0.2	1.2	---	0.7	2.4
10/15/2020 8:30 PM	-0.1	1.2	---	0.7	2.3
10/15/2020 8:36 PM	-0.2	1.2	---	0.8	2.3
10/15/2020 8:42 PM	-0.1	1.2	---	0.8	2.3
10/15/2020 8:48 PM	-0.1	1.3	---	0.7	2.5
10/15/2020 8:54 PM	-0.1	1.3	---	0.7	2.6
10/15/2020 9:00 PM	-0.1	1.3	---	0.8	2.5
10/15/2020 9:06 PM	-0.1	1.3	---	0.8	2.5
10/15/2020 9:12 PM	-0.1	1.3	---	0.7	2.5
10/15/2020 9:18 PM	-0.2	1.3	---	0.7	2.5
10/15/2020 9:24 PM	-0.2	1.3	---	0.7	2.5
10/15/2020 9:30 PM	-0.1	1.2	---	0.7	2.5
10/15/2020 9:36 PM	-0.1	1.2	---	0.7	2.5
10/15/2020 9:42 PM	-0.1	1.2	---	0.8	2.5
10/15/2020 9:48 PM	-0.1	1.2	---	0.8	2.4
10/15/2020 9:54 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:00 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:06 PM	-0.2	1.1	---	0.8	2.5
10/15/2020 10:12 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:18 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:24 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:30 PM	-0.1	1.1	---	0.8	2.4
10/15/2020 10:36 PM	-0.1	1.1	---	0.8	2.4
10/15/2020 10:42 PM	-0.1	1.1	---	0.8	2.4
10/15/2020 10:48 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 10:54 PM	-0.1	1.1	---	0.8	2.5
10/15/2020 11:00 PM	4.2	10.8	---	0.8	2.5
10/15/2020 11:06 PM	5.1	13.0	---	0.8	2.5
10/15/2020 11:12 PM	3.1	3.1	---	0.7	2.3
10/15/2020 11:18 PM	0.6	2.3	---	0.8	2.1
10/15/2020 11:24 PM	0.0	2.3	---	0.7	2.2
10/15/2020 11:30 PM	-0.1	2.3	---	0.7	2.2
10/15/2020 11:36 PM	-0.1	2.2	---	0.7	2.2
10/15/2020 11:42 PM	-0.2	2.1	---	0.7	2.2
10/15/2020 11:48 PM	-0.1	1.9	---	0.7	2.2
10/15/2020 11:54 PM	-0.1	1.7	---	0.7	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/16/2020 12:00 AM	-0.1	1.6	---	0.7	2.2
10/16/2020 12:06 AM	-0.1	1.5	---	2.2	1.7
10/16/2020 12:12 AM	-0.1	1.4	---	4.0	0.5
10/16/2020 12:18 AM	-0.1	1.4	---	3.7	0.0
10/16/2020 12:24 AM	-0.1	1.4	---	3.4	0.0
10/16/2020 12:30 AM	-0.1	1.3	---	3.3	0.0
10/16/2020 12:36 AM	-0.1	1.3	---	3.3	0.0
10/16/2020 12:42 AM	-0.1	1.3	---	3.2	0.0
10/16/2020 12:48 AM	-0.1	1.4	---	3.2	-0.1
10/16/2020 12:54 AM	-0.1	1.4	---	3.2	0.0
10/16/2020 1:00 AM	-0.1	1.4	---	3.1	0.0
10/16/2020 1:06 AM	-0.1	1.4	---	3.1	0.0
10/16/2020 1:12 AM	-0.1	1.5	---	3.2	0.0
10/16/2020 1:18 AM	-0.1	1.5	---	3.2	0.0
10/16/2020 1:24 AM	-0.1	1.5	---	3.2	0.0
10/16/2020 1:30 AM	-0.1	1.4	---	3.2	0.0
10/16/2020 1:36 AM	-0.1	1.4	---	3.2	0.0
10/16/2020 1:42 AM	-0.1	1.4	---	3.1	0.0
10/16/2020 1:48 AM	-0.1	1.4	---	3.0	0.0
10/16/2020 1:54 AM	-0.1	1.4	---	2.8	0.0
10/16/2020 2:00 AM	-0.1	1.5	---	2.8	0.0
10/16/2020 2:06 AM	-0.1	1.5	---	2.7	0.0
10/16/2020 2:12 AM	-0.1	1.5	---	2.6	-0.1
10/16/2020 2:18 AM	-0.1	1.5	---	2.6	-0.1
10/16/2020 2:24 AM	-0.1	1.6	---	2.6	0.0
10/16/2020 2:30 AM	-0.1	1.6	---	2.5	0.0
10/16/2020 2:36 AM	-0.1	1.6	---	2.2	0.0
10/16/2020 2:42 AM	-0.1	1.6	---	1.5	0.0
10/16/2020 2:48 AM	-0.1	1.7	---	1.1	0.0
10/16/2020 2:54 AM	-0.1	1.6	---	1.1	0.0
10/16/2020 3:00 AM	-0.1	1.6	---	1.1	0.0
10/16/2020 3:06 AM	-0.1	1.6	---	1.1	0.0
10/16/2020 3:12 AM	-0.1	1.7	---	1.1	0.0
10/16/2020 3:18 AM	-0.1	1.7	---	1.1	0.0
10/16/2020 3:24 AM	-0.1	1.7	---	1.1	0.0
10/16/2020 3:30 AM	-0.1	1.7	---	1.2	0.0
10/16/2020 3:36 AM	-0.1	1.7	---	1.2	0.0
10/16/2020 3:42 AM	-0.1	1.7	---	1.2	0.0
10/16/2020 3:48 AM	-0.1	1.7	---	1.2	0.0
10/16/2020 3:54 AM	-0.1	1.7	---	1.3	0.0
10/16/2020 4:00 AM	-0.1	1.7	---	1.2	0.0
10/16/2020 4:06 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:12 AM	-0.1	1.7	---	0.6	0.0
10/16/2020 4:18 AM	-0.1	1.7	---	0.7	0.0
10/16/2020 4:24 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:30 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:36 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:42 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:48 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 4:54 AM	-0.1	1.8	---	0.8	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/16/2020 5:00 AM	-0.1	1.8	---	0.8	0.0
10/16/2020 5:06 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 5:12 AM	-0.1	1.7	---	0.8	0.0
10/16/2020 5:18 AM	-0.1	1.8	---	0.8	0.0
10/16/2020 5:24 AM	-0.1	1.8	---	1.0	0.0
10/16/2020 5:30 AM	-0.1	1.8	---	1.3	0.0
10/16/2020 5:36 AM	-0.1	1.9	---	1.4	0.0
10/16/2020 5:42 AM	-0.1	1.7	---	2.1	0.0
10/16/2020 5:48 AM	-0.1	1.4	---	3.1	0.0
10/16/2020 5:54 AM	-0.2	1.1	---	2.9	0.1
10/16/2020 6:00 AM	-0.1	1.1	---	2.8	0.0
10/16/2020 6:06 AM	-0.2	1.1	---	2.6	0.0
10/16/2020 6:12 AM	-0.2	1.1	---	2.6	0.0
10/16/2020 6:18 AM	-0.2	1.2	---	2.5	0.0
10/16/2020 6:24 AM	-0.2	1.2	---	2.4	0.0
10/16/2020 6:30 AM	4.3	1.1	---	2.4	0.0
10/16/2020 6:36 AM	6.2	1.0	---	2.4	0.0
10/16/2020 6:42 AM	2.0	10.6	---	2.3	0.0
10/16/2020 6:48 AM	0.5	13.1	---	1.7	7.5
10/16/2020 6:54 AM	0.1	5.1	---	0.8	8.9
10/16/2020 7:00 AM	1.6	4.6	---	0.5	6.4
10/16/2020 7:06 AM	2.3	3.8	---	0.5	5.3
10/16/2020 7:12 AM	1.3	2.7	---	0.5	3.9
10/16/2020 7:18 AM	0.9	2.0	---	0.5	2.9
10/16/2020 7:24 AM	0.5	1.6	---	0.6	2.8
10/16/2020 7:30 AM	0.3	1.2	---	0.6	2.7
10/16/2020 7:36 AM	0.1	1.0	---	0.6	2.6
10/16/2020 7:42 AM	0.0	0.9	---	0.6	2.6
10/16/2020 7:48 AM	2.7	0.9	---	0.6	2.5
10/16/2020 7:54 AM	4.2	0.8	---	-0.1	2.5
10/16/2020 8:00 AM	2.5	0.9	---	-0.6	2.6
10/16/2020 8:06 AM	2.8	0.9	---	-0.7	2.5
10/16/2020 8:12 AM	2.6	0.9	---	-0.7	2.5
10/16/2020 8:18 AM	1.6	0.9	---	-0.7	2.4
10/16/2020 8:24 AM	1.2	0.9	---	-0.7	2.4
10/16/2020 8:30 AM	1.1	0.8	---	-0.7	2.4
10/16/2020 8:36 AM	1.1	0.8	---	-0.7	2.3
10/16/2020 8:42 AM	1.0	0.8	---	4.3	2.3
10/16/2020 8:48 AM	0.6	0.7	---	4.8	2.4
10/16/2020 8:54 AM	0.5	0.6	---	2.3	2.4
10/16/2020 9:00 AM	0.4	0.6	---	1.7	2.4
10/16/2020 9:06 AM	0.0	0.5	---	1.4	2.4
10/16/2020 9:12 AM	-0.2	0.5	---	1.4	2.4
10/16/2020 9:18 AM	-0.3	0.5	---	1.7	2.5
10/16/2020 9:24 AM	-0.3	0.6	---	2.0	2.5
10/16/2020 9:30 AM	-0.3	0.7	---	1.9	2.5
10/16/2020 9:36 AM	1.0	0.9	---	1.9	2.3
10/16/2020 9:42 AM	1.8	1.0	---	1.8	1.1
10/16/2020 9:48 AM	1.1	1.1	---	1.7	0.2
10/16/2020 9:54 AM	1.1	1.2	---	1.7	0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/16/2020 10:00 AM	1.2	1.2	---	2.6	0.1
10/16/2020 10:06 AM	1.0	1.3	---	4.6	0.2
10/16/2020 10:12 AM	1.4	1.3	---	7.5	1.7
10/16/2020 10:18 AM	1.6	1.3	---	8.0	10.6
10/16/2020 10:24 AM	1.4	1.2	---	7.4	12.5
10/16/2020 10:30 AM	1.4	1.2	---	7.0	7.8
10/16/2020 10:36 AM	1.4	1.3	---	6.0	7.8
10/16/2020 10:42 AM	1.1	1.3	---	5.7	7.9
10/16/2020 10:48 AM	1.1	1.3	---	6.2	7.8
10/16/2020 10:54 AM	1.1	13.0	---	6.7	7.5
10/16/2020 11:00 AM	1.0	20.9	---	7.0	7.2
10/16/2020 11:06 AM	1.0	15.1	---	7.1	7.1
10/16/2020 11:12 AM	1.0	10.4	---	7.2	6.7
10/16/2020 11:18 AM	1.0	7.7	---	7.2	6.5
10/16/2020 11:24 AM	1.0	11.7	---	7.0	6.3
10/16/2020 11:30 AM	1.0	9.8	---	6.8	6.2
10/16/2020 11:36 AM	1.1	4.2	---	6.7	5.9
10/16/2020 11:42 AM	<Samp	<Samp	---	<Samp	<Samp
10/16/2020 11:48 AM	Maintain	Maintain	---	Maintain	Maintain
10/16/2020 11:54 AM	1.0	2.9	---	7.2	5.9
10/16/2020 12:00 PM	0.9	2.7	---	7.0	5.8
10/16/2020 12:06 PM	0.7	2.2	---	7.1	5.2
10/16/2020 12:12 PM	0.6	2.0	---	6.9	5.3
10/16/2020 12:18 PM	0.6	1.8	---	6.8	5.4
10/16/2020 12:24 PM	0.6	1.6	---	7.1	5.4
10/16/2020 12:30 PM	0.6	1.5	---	6.5	5.7
10/16/2020 12:36 PM	0.6	1.3	---	5.9	6.0
10/16/2020 12:42 PM	0.6	1.2	---	5.8	5.9
10/16/2020 12:48 PM	0.6	1.1	---	5.7	5.3
10/16/2020 12:54 PM	0.6	1.0	---	5.5	4.9
10/16/2020 1:00 PM	0.5	0.9	---	5.4	5.3
10/16/2020 1:06 PM	0.6	0.8	---	5.5	5.5
10/16/2020 1:12 PM	0.6	0.7	---	5.7	5.2
10/16/2020 1:18 PM	0.5	0.7	---	5.9	4.9
10/16/2020 1:24 PM	0.5	0.6	---	5.9	4.9
10/16/2020 1:30 PM	0.4	0.6	---	5.7	4.9
10/16/2020 1:36 PM	0.5	0.5	---	5.6	4.6
10/16/2020 1:42 PM	0.5	0.5	---	6.2	4.7
10/16/2020 1:48 PM	0.5	0.4	---	6.4	4.7
10/16/2020 1:54 PM	0.5	0.4	---	6.0	4.7
10/16/2020 2:00 PM	0.5	0.4	---	6.1	4.7
10/16/2020 2:06 PM	0.5	0.5	---	6.3	4.7
10/16/2020 2:12 PM	0.5	1.0	---	6.4	4.8
10/16/2020 2:18 PM	0.5	9.0	---	6.4	4.8
10/16/2020 2:24 PM	0.4	14.4	---	6.4	4.8
10/16/2020 2:30 PM	0.4	18.3	---	6.3	4.7
10/16/2020 2:36 PM	0.5	12.5	---	5.9	4.7
10/16/2020 2:42 PM	0.5	9.7	---	5.8	4.7
10/16/2020 2:48 PM	0.5	7.1	---	6.0	4.9
10/16/2020 2:54 PM	0.5	4.6	---	5.8	4.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/16/2020 3:00 PM	0.5	4.4	---	5.6	4.7
10/16/2020 3:06 PM	0.5	4.1	---	5.6	4.8
10/16/2020 3:12 PM	0.4	3.3	---	5.6	4.8
10/16/2020 3:18 PM	0.4	2.8	---	5.9	5.0
10/16/2020 3:24 PM	0.4	2.5	---	5.9	5.1
10/16/2020 3:30 PM	0.4	2.5	---	5.7	4.9
10/16/2020 3:36 PM	0.4	2.5	---	5.6	4.8
10/16/2020 3:42 PM	0.4	2.5	---	5.8	4.9
10/16/2020 3:48 PM	0.4	2.5	---	5.8	4.9
10/16/2020 3:54 PM	0.4	2.5	---	5.7	5.0
10/16/2020 4:00 PM	0.4	2.3	---	5.7	5.1
10/16/2020 4:06 PM	0.4	2.4	---	5.7	5.2
10/16/2020 4:12 PM	0.3	2.4	---	5.8	5.1
10/16/2020 4:18 PM	0.3	2.1	---	5.8	5.1
10/16/2020 4:24 PM	0.3	1.9	---	5.6	4.9
10/16/2020 4:30 PM	0.3	1.7	---	5.3	4.9
10/16/2020 4:36 PM	0.3	1.7	---	5.2	5.0
10/16/2020 4:42 PM	0.3	1.7	---	5.4	4.9
10/16/2020 4:48 PM	0.3	1.6	---	5.7	4.7
10/16/2020 4:54 PM	0.3	1.5	---	5.7	4.7
10/16/2020 5:00 PM	0.3	1.4	---	5.6	4.7
10/16/2020 5:06 PM	0.3	1.4	---	5.7	4.9
10/16/2020 5:12 PM	0.3	1.4	---	5.6	5.0
10/16/2020 5:18 PM	0.3	1.4	---	5.4	4.9
10/16/2020 5:24 PM	0.2	1.3	---	5.5	5.0
10/16/2020 5:30 PM	0.2	1.3	---	5.6	5.0
10/16/2020 5:36 PM	0.2	1.3	---	5.7	4.9
10/16/2020 5:42 PM	0.2	1.3	---	5.7	4.9
10/16/2020 5:48 PM	0.2	1.3	---	5.7	4.9
10/16/2020 5:54 PM	0.3	1.3	---	5.4	4.9
10/16/2020 6:00 PM	0.3	1.2	---	5.4	4.9
10/16/2020 6:06 PM	0.3	1.2	---	5.6	5.0
10/16/2020 6:12 PM	0.2	1.2	---	5.8	5.1
10/16/2020 6:18 PM	0.2	1.2	---	5.8	5.1
10/16/2020 6:24 PM	0.2	1.2	---	5.5	5.2
10/16/2020 6:30 PM	0.3	1.3	---	5.7	5.1
10/16/2020 6:36 PM	0.3	1.3	---	5.7	5.1
10/16/2020 6:42 PM	0.3	1.2	---	5.6	5.1
10/16/2020 6:48 PM	0.3	1.2	---	5.4	5.2
10/16/2020 6:54 PM	0.2	1.2	---	5.4	5.1
10/16/2020 7:00 PM	0.3	1.2	---	5.2	4.7
10/16/2020 7:06 PM	0.0	0.3	---	5.1	4.9
10/16/2020 7:12 PM	-0.4	-0.7	---	5.3	5.4
10/16/2020 7:18 PM	-0.5	-0.7	---	5.0	5.3
10/16/2020 7:24 PM	-0.6	-0.7	---	5.0	5.3
10/16/2020 7:30 PM	-0.6	-0.7	---	4.9	5.3
10/16/2020 7:36 PM	-0.6	-0.7	---	4.8	5.4
10/16/2020 7:42 PM	-0.6	-0.6	---	4.8	5.2
10/16/2020 7:48 PM	-0.6	-0.6	---	4.5	5.0
10/16/2020 7:54 PM	-0.6	-0.6	---	3.1	4.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/16/2020 8:00 PM	-0.6	-0.6	---	2.4	3.6
10/16/2020 8:06 PM	-0.6	-0.7	---	2.4	3.8
10/16/2020 8:12 PM	-0.6	-0.7	---	2.5	3.9
10/16/2020 8:18 PM	-0.6	-0.7	---	2.6	3.9
10/16/2020 8:24 PM	-0.6	-0.7	---	2.6	3.8
10/16/2020 8:30 PM	-0.6	-0.8	---	2.8	3.3
10/16/2020 8:36 PM	-0.6	-0.8	---	3.1	2.7
10/16/2020 8:42 PM	-0.6	-0.8	---	3.3	2.9
10/16/2020 8:48 PM	-0.6	-0.7	---	3.3	3.0
10/16/2020 8:54 PM	-0.6	-0.7	---	3.3	3.0
10/16/2020 9:00 PM	-0.6	-0.7	---	3.2	3.0
10/16/2020 9:06 PM	-0.6	-0.7	---	3.2	3.0
10/16/2020 9:12 PM	-0.6	-0.7	---	3.1	3.0
10/16/2020 9:18 PM	-0.6	-0.8	---	3.1	3.0
10/16/2020 9:24 PM	-0.7	-0.8	---	3.2	3.1
10/16/2020 9:30 PM	-0.7	-0.8	---	3.1	3.1
10/16/2020 9:36 PM	-0.6	-0.8	---	3.0	3.1
10/16/2020 9:42 PM	-0.7	-0.8	---	3.1	3.1
10/16/2020 9:48 PM	-0.7	-0.9	---	3.1	3.0
10/16/2020 9:54 PM	-0.7	-0.8	---	3.0	3.1
10/16/2020 10:00 PM	-0.7	-0.8	---	3.0	3.1
10/16/2020 10:06 PM	-0.7	-0.8	---	2.9	3.1
10/16/2020 10:12 PM	-0.7	-0.9	---	2.8	3.1
10/16/2020 10:18 PM	-0.7	-0.8	---	2.8	3.1
10/16/2020 10:24 PM	-0.7	-0.8	---	2.8	3.0
10/16/2020 10:30 PM	-0.7	-0.8	---	2.8	3.0
10/16/2020 10:36 PM	-0.6	-0.8	---	2.9	3.0
10/16/2020 10:42 PM	-0.6	-0.8	---	2.8	2.9
10/16/2020 10:48 PM	-0.7	-0.8	---	2.9	2.9
10/16/2020 10:54 PM	-0.7	-0.8	---	2.9	2.9
10/16/2020 11:00 PM	-0.7	-0.8	---	2.9	2.8
10/16/2020 11:06 PM	-0.7	-0.8	---	2.3	2.4
10/16/2020 11:12 PM	-0.6	-0.8	---	1.9	2.3
10/16/2020 11:18 PM	-0.7	-0.8	---	2.1	2.3
10/16/2020 11:24 PM	-0.6	-0.8	---	2.2	2.3
10/16/2020 11:30 PM	-0.6	-0.8	---	2.3	2.4
10/16/2020 11:36 PM	-0.7	-0.8	---	2.2	2.3
10/16/2020 11:42 PM	-0.7	-0.8	---	2.1	2.3
10/16/2020 11:48 PM	-0.7	-0.8	---	2.2	2.3
10/16/2020 11:54 PM	-0.7	-0.8	---	2.3	2.3
10/17/2020 12:00 AM	-0.7	-0.8	---	2.2	2.2
10/17/2020 12:06 AM	-0.7	-0.8	---	1.5	1.9
10/17/2020 12:12 AM	-0.7	-0.8	---	0.9	1.9
10/17/2020 12:18 AM	-0.6	-0.8	---	1.0	1.9
10/17/2020 12:24 AM	-0.7	-0.8	---	1.0	1.9
10/17/2020 12:30 AM	-0.7	-0.8	---	1.1	2.0
10/17/2020 12:36 AM	-0.7	-0.8	---	1.1	2.0
10/17/2020 12:42 AM	-0.7	-0.9	---	1.0	2.0
10/17/2020 12:48 AM	-0.7	-0.8	---	1.0	2.0
10/17/2020 12:54 AM	-0.7	-0.8	---	1.0	1.9

Opacity Data Summary Report

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New York City D.E.P.
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/17/2020 1:00 AM	-0.6	-0.8	---	1.0	1.9
10/17/2020 1:06 AM	-0.7	-0.8	---	1.0	1.9
10/17/2020 1:12 AM	-0.7	-0.8	---	1.0	1.9
10/17/2020 1:18 AM	-0.7	-0.8	---	0.7	2.0
10/17/2020 1:24 AM	-0.7	-0.9	---	-0.4	2.8
10/17/2020 1:30 AM	-0.7	-0.9	---	-0.8	3.6
10/17/2020 1:36 AM	-0.6	-0.9	---	-0.8	3.6
10/17/2020 1:42 AM	-0.7	-0.9	---	-0.8	3.5
10/17/2020 1:48 AM	-0.7	-0.8	---	-0.8	3.5
10/17/2020 1:54 AM	-0.7	-0.8	---	-0.8	3.6
10/17/2020 2:00 AM	-0.7	-0.9	---	-0.8	3.6
10/17/2020 2:06 AM	-0.7	-0.9	---	-0.8	3.5
10/17/2020 2:12 AM	-0.7	-0.9	---	-0.8	3.4
10/17/2020 2:18 AM	-0.7	-0.9	---	-0.8	3.4
10/17/2020 2:24 AM	-0.7	-0.8	---	-0.8	3.5
10/17/2020 2:30 AM	-0.7	-0.8	---	-0.7	3.5
10/17/2020 2:36 AM	-0.6	-0.8	---	-0.7	3.3
10/17/2020 2:42 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 2:48 AM	-0.6	-0.8	---	-0.7	3.3
10/17/2020 2:54 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 3:00 AM	-0.7	-0.8	---	-0.8	3.3
10/17/2020 3:06 AM	-0.7	-0.8	---	-0.8	3.3
10/17/2020 3:12 AM	-0.7	-0.8	---	-0.8	3.2
10/17/2020 3:18 AM	-0.7	-0.8	---	-0.8	3.2
10/17/2020 3:24 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 3:30 AM	-0.7	-0.8	---	-0.7	3.4
10/17/2020 3:36 AM	-0.7	-0.8	---	-0.7	3.4
10/17/2020 3:42 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 3:48 AM	-0.7	-0.8	---	-0.8	3.1
10/17/2020 3:54 AM	-0.7	-0.8	---	-0.8	3.2
10/17/2020 4:00 AM	-0.7	-0.9	---	-0.8	3.2
10/17/2020 4:06 AM	-0.7	-0.9	---	-0.8	3.2
10/17/2020 4:12 AM	-0.7	-0.9	---	-0.7	3.2
10/17/2020 4:18 AM	-0.7	-0.9	---	-0.7	3.2
10/17/2020 4:24 AM	-0.7	-0.9	---	-0.7	3.2
10/17/2020 4:30 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 4:36 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 4:42 AM	-0.7	-0.8	---	-0.7	3.1
10/17/2020 4:48 AM	-0.7	-0.8	---	-0.7	3.1
10/17/2020 4:54 AM	-0.7	-0.9	---	-0.7	3.1
10/17/2020 5:00 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 5:06 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 5:12 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 5:18 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 5:24 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 5:30 AM	-0.7	-0.9	---	-0.8	3.1
10/17/2020 5:36 AM	-0.7	-0.8	---	-0.8	3.0
10/17/2020 5:42 AM	-0.7	-0.8	---	-0.7	3.0
10/17/2020 5:48 AM	-0.7	-0.8	---	-0.7	2.9
10/17/2020 5:54 AM	-0.7	-0.8	---	-0.7	2.9

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/17/2020 6:00 AM	-0.7	-0.8	---	-0.7	3.0
10/17/2020 6:06 AM	-0.7	-0.8	---	-0.7	3.0
10/17/2020 6:12 AM	-0.7	-0.8	---	-0.7	3.0
10/17/2020 6:18 AM	-0.7	-0.8	---	-0.7	3.0
10/17/2020 6:24 AM	-0.7	-0.8	---	-0.7	3.1
10/17/2020 6:30 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 6:36 AM	-0.8	-0.9	---	-0.7	3.2
10/17/2020 6:42 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 6:48 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 6:54 AM	-0.8	-0.8	---	-0.7	3.2
10/17/2020 7:00 AM	-0.7	-0.8	---	-0.7	3.3
10/17/2020 7:06 AM	-0.7	-0.8	---	-0.7	3.2
10/17/2020 7:12 AM	-0.7	-0.9	---	-0.7	3.2
10/17/2020 7:18 AM	-0.7	-0.9	---	-0.7	3.8
10/17/2020 7:24 AM	-0.7	-0.8	---	-0.7	4.5
10/17/2020 7:30 AM	-0.7	-0.8	---	-0.8	4.3
10/17/2020 7:36 AM	-0.7	-0.9	---	-0.7	4.1
10/17/2020 7:42 AM	-0.7	-0.9	---	-0.8	4.2
10/17/2020 7:48 AM	-0.7	-0.9	---	-0.8	4.3
10/17/2020 7:54 AM	-0.7	-0.8	---	-0.8	4.3
10/17/2020 8:00 AM	-0.6	-0.8	---	-0.8	4.3
10/17/2020 8:06 AM	-0.6	-0.9	---	-0.8	4.3
10/17/2020 8:12 AM	-0.6	-0.8	---	-0.8	4.3
10/17/2020 8:18 AM	-0.7	-0.8	---	2.9	3.6
10/17/2020 8:24 AM	-0.6	-0.7	---	6.3	1.9
10/17/2020 8:30 AM	-0.6	-0.8	---	3.7	1.4
10/17/2020 8:36 AM	-0.6	-0.8	---	2.1	1.5
10/17/2020 8:42 AM	-0.7	-0.8	---	1.6	1.5
10/17/2020 8:48 AM	-0.6	-0.8	---	1.3	1.6
10/17/2020 8:54 AM	-0.6	-0.8	---	1.3	1.6
10/17/2020 9:00 AM	-0.7	-0.8	---	1.3	1.7
10/17/2020 9:06 AM	-0.7	-0.8	---	1.3	1.7
10/17/2020 9:12 AM	-0.7	-0.8	---	1.5	1.7
10/17/2020 9:18 AM	-0.7	-0.8	---	1.6	1.7
10/17/2020 9:24 AM	-0.7	-0.8	---	1.6	1.7
10/17/2020 9:30 AM	-0.7	-0.8	---	1.7	1.7
10/17/2020 9:36 AM	-0.7	-0.8	---	1.7	1.7
10/17/2020 9:42 AM	-0.7	-0.8	---	1.8	1.9
10/17/2020 9:48 AM	-0.6	-0.8	---	1.8	2.2
10/17/2020 9:54 AM	-0.6	-0.8	---	1.7	2.1
10/17/2020 10:00 AM	-0.7	-0.8	---	1.7	2.0
10/17/2020 10:06 AM	-0.6	-0.8	---	1.7	2.0
10/17/2020 10:12 AM	-0.6	-0.8	---	1.6	2.0
10/17/2020 10:18 AM	-0.6	-0.8	---	1.6	2.0
10/17/2020 10:24 AM	-0.6	-0.7	---	1.6	2.0
10/17/2020 10:30 AM	-0.6	-0.7	---	1.5	1.9
10/17/2020 10:36 AM	-0.6	-0.7	---	1.4	1.9
10/17/2020 10:42 AM	-0.6	-0.8	---	1.4	1.8
10/17/2020 10:48 AM	-0.5	-0.7	---	1.3	1.9
10/17/2020 10:54 AM	-0.6	-0.7	---	1.2	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

Start of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/17/2020 11:00 AM	-0.5	-0.7	---	1.4	1.9
10/17/2020 11:06 AM	-0.5	-0.8	---	2.0	1.8
10/17/2020 11:12 AM	-0.5	-0.8	---	2.0	1.8
10/17/2020 11:18 AM	-0.4	-0.8	---	1.9	1.9
10/17/2020 11:24 AM	-0.4	-0.7	---	1.9	1.9
10/17/2020 11:30 AM	-0.4	-0.8	---	1.8	1.8
10/17/2020 11:36 AM	-0.4	-0.8	---	1.7	1.8
10/17/2020 11:42 AM	-0.4	-0.8	---	1.7	1.9
10/17/2020 11:48 AM	-0.4	-0.7	---	1.7	1.8
10/17/2020 11:54 AM	-0.3	-0.7	---	1.7	1.7
10/17/2020 12:00 PM	-0.3	-0.7	---	1.7	1.7
10/17/2020 12:06 PM	-0.4	-0.6	---	1.8	1.8
10/17/2020 12:12 PM	-0.3	-0.6	---	1.7	1.8
10/17/2020 12:18 PM	-0.4	-0.5	---	1.7	1.8
10/17/2020 12:24 PM	-0.4	-0.5	---	1.7	1.9
10/17/2020 12:30 PM	-0.4	-0.5	---	1.6	1.9
10/17/2020 12:36 PM	-0.4	-0.5	---	1.6	1.9
10/17/2020 12:42 PM	-0.4	-0.5	---	1.6	1.9
10/17/2020 12:48 PM	-0.4	-0.5	---	1.5	1.9
10/17/2020 12:54 PM	-0.3	-0.5	---	1.5	1.9
10/17/2020 1:00 PM	-0.3	-0.5	---	1.5	1.9
10/17/2020 1:06 PM	-0.3	-0.6	---	1.5	1.9
10/17/2020 1:12 PM	-0.4	-0.6	---	1.6	2.0
10/17/2020 1:18 PM	-0.4	-0.6	---	1.5	1.9
10/17/2020 1:24 PM	-0.4	-0.6	---	1.5	1.9
10/17/2020 1:30 PM	-0.3	-0.6	---	1.5	1.9
10/17/2020 1:36 PM	-0.4	-0.5	---	1.5	1.9
10/17/2020 1:42 PM	-0.4	-0.5	---	1.4	1.9
10/17/2020 1:48 PM	-0.4	-0.5	---	1.4	1.9
10/17/2020 1:54 PM	-0.4	-0.5	---	1.5	1.9
10/17/2020 2:00 PM	-0.4	-0.5	---	1.6	1.9
10/17/2020 2:06 PM	-0.4	-0.6	---	1.5	1.8
10/17/2020 2:12 PM	-0.4	-0.6	---	1.6	1.8
10/17/2020 2:18 PM	-0.4	-0.5	---	1.6	1.8
10/17/2020 2:24 PM	-0.4	-0.5	---	1.6	1.8
10/17/2020 2:30 PM	-0.4	-0.5	---	1.6	1.7
10/17/2020 2:36 PM	-0.4	-0.5	---	1.5	1.7
10/17/2020 2:42 PM	-0.4	-0.5	---	1.5	1.8
10/17/2020 2:48 PM	-0.4	-0.5	---	1.4	1.8
10/17/2020 2:54 PM	-0.4	-0.5	---	1.3	1.8
10/17/2020 3:00 PM	-0.4	-0.5	---	1.4	1.8
10/17/2020 3:06 PM	-0.3	-0.6	---	0.8	1.8
10/17/2020 3:12 PM	-0.4	-0.5	---	0.4	1.7
10/17/2020 3:18 PM	-0.4	-0.5	---	0.5	1.8
10/17/2020 3:24 PM	-0.4	-0.5	---	0.6	1.8
10/17/2020 3:30 PM	-0.4	-0.5	---	0.6	1.9
10/17/2020 3:36 PM	-0.3	-0.4	---	0.6	1.9
10/17/2020 3:42 PM	-0.3	-0.4	---	0.6	1.9
10/17/2020 3:48 PM	-0.4	-0.5	---	0.6	2.0
10/17/2020 3:54 PM	-0.3	-0.5	---	0.7	1.9

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/17/2020 4:00 PM	-0.4	-0.5	---	0.7	1.9
10/17/2020 4:06 PM	-0.4	-0.5	---	0.7	1.9
10/17/2020 4:12 PM	-0.4	-0.5	---	0.7	1.9
10/17/2020 4:18 PM	-0.3	-0.5	---	0.7	1.9
10/17/2020 4:24 PM	-0.4	-0.5	---	0.7	1.9
10/17/2020 4:30 PM	-0.4	-0.5	---	0.7	1.9
10/17/2020 4:36 PM	-0.4	-0.4	---	0.7	1.9
10/17/2020 4:42 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 4:48 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 4:54 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:00 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:06 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:12 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:18 PM	-0.4	-0.4	---	0.6	1.8
10/17/2020 5:24 PM	-0.5	-0.4	---	0.7	1.8
10/17/2020 5:30 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:36 PM	-0.5	-0.4	---	0.7	1.8
10/17/2020 5:42 PM	-0.4	-0.4	---	0.7	1.8
10/17/2020 5:48 PM	-0.5	-0.4	---	0.7	1.8
10/17/2020 5:54 PM	-0.5	-0.4	---	0.7	1.9
10/17/2020 6:00 PM	-0.5	-0.4	---	0.7	1.9
10/17/2020 6:06 PM	-0.5	-0.4	---	0.6	1.9
10/17/2020 6:12 PM	-0.5	-0.4	---	0.6	1.9
10/17/2020 6:18 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 6:24 PM	-0.5	-0.3	---	0.7	2.0
10/17/2020 6:30 PM	-0.5	-0.3	---	0.7	2.0
10/17/2020 6:36 PM	-0.5	-0.4	---	0.6	2.0
10/17/2020 6:42 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 6:48 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 6:54 PM	-0.5	-0.3	---	0.5	2.0
10/17/2020 7:00 PM	-0.5	-0.3	---	0.5	2.1
10/17/2020 7:06 PM	-0.5	-0.3	---	0.6	2.1
10/17/2020 7:12 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 7:18 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:24 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:30 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:36 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:42 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:48 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 7:54 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:00 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:06 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:12 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:18 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:24 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:30 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:36 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 8:42 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 8:48 PM	-0.5	-0.3	---	0.6	2.0
10/17/2020 8:54 PM	-0.6	-0.3	---	0.6	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/17/2020 9:00 PM	-0.6	-0.3	---	0.6	1.9
10/17/2020 9:06 PM	-0.6	-0.3	---	0.6	1.9
10/17/2020 9:12 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 9:18 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 9:24 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 9:30 PM	-0.5	-0.3	---	0.6	1.9
10/17/2020 9:36 PM	-0.6	-0.2	---	0.7	1.9
10/17/2020 9:42 PM	-0.5	-0.2	---	0.7	1.9
10/17/2020 9:48 PM	-0.5	-0.2	---	0.6	1.9
10/17/2020 9:54 PM	-0.6	-0.2	---	0.7	1.9
10/17/2020 10:00 PM	-0.6	-0.2	---	0.7	2.0
10/17/2020 10:06 PM	-0.6	-0.2	---	0.7	2.0
10/17/2020 10:12 PM	-0.6	-0.2	---	0.7	2.0
10/17/2020 10:18 PM	-0.6	-0.2	---	0.7	2.0
10/17/2020 10:24 PM	-0.6	-0.2	---	0.7	2.0
10/17/2020 10:30 PM	-0.6	-0.2	---	0.6	2.0
10/17/2020 10:36 PM	-0.6	-0.2	---	0.6	2.0
10/17/2020 10:42 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 10:48 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 10:54 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:00 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:06 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:12 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:18 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 11:24 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 11:30 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 11:36 PM	-0.6	-0.1	---	0.6	1.9
10/17/2020 11:42 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:48 PM	-0.6	-0.1	---	0.6	2.0
10/17/2020 11:54 PM	-0.6	-0.1	---	0.6	2.0
10/18/2020 12:00 AM	-0.6	-0.1	---	0.6	2.0
10/18/2020 12:06 AM	-0.6	-0.1	---	0.6	2.0
10/18/2020 12:12 AM	-0.6	-0.1	---	0.6	2.0
10/18/2020 12:18 AM	-0.6	-0.1	---	0.4	2.4
10/18/2020 12:24 AM	-0.6	0.0	---	-0.3	2.7
10/18/2020 12:30 AM	-0.6	0.0	---	-0.7	2.5
10/18/2020 12:36 AM	-0.6	-0.1	---	-0.7	2.4
10/18/2020 12:42 AM	-0.6	0.0	---	-0.7	2.4
10/18/2020 12:48 AM	-0.6	0.0	---	-0.7	2.4
10/18/2020 12:54 AM	-0.6	0.0	---	-0.7	2.4
10/18/2020 1:00 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:06 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:12 AM	-0.6	0.0	---	-0.7	2.4
10/18/2020 1:18 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:24 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:30 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:36 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:42 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:48 AM	-0.6	0.0	---	-0.7	2.3
10/18/2020 1:54 AM	-0.6	0.0	---	-0.7	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/18/2020 2:00 AM	-0.6	0.1	---	-0.7	2.3
10/18/2020 2:06 AM	-0.6	0.1	---	-0.7	2.3
10/18/2020 2:12 AM	-0.6	0.1	---	-0.7	2.3
10/18/2020 2:18 AM	-0.6	0.1	---	-0.7	2.2
10/18/2020 2:24 AM	-0.6	0.1	---	-0.7	2.2
10/18/2020 2:30 AM	-0.6	0.1	---	-0.7	2.2
10/18/2020 2:36 AM	-0.6	0.1	---	-0.7	2.2
10/18/2020 2:42 AM	-0.7	0.2	---	-0.7	2.2
10/18/2020 2:48 AM	-0.7	0.2	---	-0.7	2.1
10/18/2020 2:54 AM	-0.6	0.2	---	-0.7	2.1
10/18/2020 3:00 AM	-0.6	0.2	---	-0.7	2.1
10/18/2020 3:06 AM	-0.6	0.2	---	-0.7	2.1
10/18/2020 3:12 AM	-0.7	0.2	---	-0.6	2.1
10/18/2020 3:18 AM	-0.7	0.2	---	-0.7	2.2
10/18/2020 3:24 AM	-0.7	0.3	---	-0.7	2.2
10/18/2020 3:30 AM	-0.7	0.3	---	-0.7	2.2
10/18/2020 3:36 AM	-0.7	0.3	---	-0.7	2.1
10/18/2020 3:42 AM	-0.7	0.3	---	-0.7	2.1
10/18/2020 3:48 AM	-0.7	0.3	---	-0.7	2.1
10/18/2020 3:54 AM	-0.7	0.4	---	-0.7	2.1
10/18/2020 4:00 AM	-0.7	0.4	---	-0.6	2.2
10/18/2020 4:06 AM	-0.7	0.4	---	-0.6	2.2
10/18/2020 4:12 AM	-0.7	0.4	---	-0.6	2.3
10/18/2020 4:18 AM	-0.7	0.4	---	-0.6	2.3
10/18/2020 4:24 AM	-0.7	0.4	---	-0.7	2.3
10/18/2020 4:30 AM	-0.7	0.4	---	-0.7	2.4
10/18/2020 4:36 AM	2.9	0.4	---	-0.7	2.4
10/18/2020 4:42 AM	4.4	0.4	---	-0.7	2.3
10/18/2020 4:48 AM	2.0	0.4	---	-0.7	2.3
10/18/2020 4:54 AM	1.6	0.4	---	-0.6	2.3
10/18/2020 5:00 AM	1.0	0.5	---	-0.7	2.2
10/18/2020 5:06 AM	0.5	0.5	---	-0.6	2.1
10/18/2020 5:12 AM	0.2	0.5	---	-0.6	2.1
10/18/2020 5:18 AM	-0.1	0.5	---	-0.6	2.2
10/18/2020 5:24 AM	-0.3	0.5	---	-0.6	2.2
10/18/2020 5:30 AM	-0.4	0.5	---	-0.7	2.2
10/18/2020 5:36 AM	-0.5	0.5	---	-0.7	2.2
10/18/2020 5:42 AM	-0.5	0.5	---	-0.7	2.2
10/18/2020 5:48 AM	-0.6	0.5	---	-0.6	2.2
10/18/2020 5:54 AM	-0.6	0.5	---	-0.7	2.2
10/18/2020 6:00 AM	-0.7	0.5	---	-0.7	2.2
10/18/2020 6:06 AM	-0.7	0.5	---	-0.6	2.3
10/18/2020 6:12 AM	-0.7	0.5	---	-0.7	2.3
10/18/2020 6:18 AM	-0.7	0.5	---	-0.7	2.3
10/18/2020 6:24 AM	-0.7	0.6	---	-0.7	2.3
10/18/2020 6:30 AM	-0.7	0.6	---	-0.7	2.3
10/18/2020 6:36 AM	-0.7	0.7	---	-0.6	2.3
10/18/2020 6:42 AM	-0.7	0.8	---	-0.7	2.3
10/18/2020 6:48 AM	-0.7	0.9	---	-0.7	2.3
10/18/2020 6:54 AM	-0.7	1.1	---	-0.7	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/18/2020 7:00 AM	-0.7	1.1	---	-0.7	2.3
10/18/2020 7:06 AM	-0.7	1.1	---	-0.7	2.2
10/18/2020 7:12 AM	-0.7	1.1	---	-0.7	2.3
10/18/2020 7:18 AM	-0.7	1.1	---	-0.7	2.3
10/18/2020 7:24 AM	-0.7	1.0	---	-0.7	2.4
10/18/2020 7:30 AM	-0.7	1.0	---	-0.7	2.4
10/18/2020 7:36 AM	-0.7	0.9	---	-0.7	2.3
10/18/2020 7:42 AM	-0.7	0.9	---	-0.7	2.3
10/18/2020 7:48 AM	-0.6	0.9	---	-0.7	2.2
10/18/2020 7:54 AM	-0.6	0.9	---	-0.7	2.2
10/18/2020 8:00 AM	-0.6	0.9	---	-0.7	2.3
10/18/2020 8:06 AM	-0.6	0.9	---	-0.7	2.7
10/18/2020 8:12 AM	-0.6	0.8	---	-0.7	3.3
10/18/2020 8:18 AM	-0.6	0.6	---	-0.7	3.5
10/18/2020 8:24 AM	-0.6	0.5	---	-0.7	3.3
10/18/2020 8:30 AM	-0.6	0.4	---	-0.7	3.2
10/18/2020 8:36 AM	-0.6	0.3	---	-0.7	3.3
10/18/2020 8:42 AM	-0.6	0.3	---	-0.7	3.2
10/18/2020 8:48 AM	-0.6	0.4	---	-0.7	3.0
10/18/2020 8:54 AM	-0.6	0.4	---	-0.7	2.9
10/18/2020 9:00 AM	-0.6	0.5	---	-0.7	2.9
10/18/2020 9:06 AM	-0.6	0.5	---	-0.7	3.0
10/18/2020 9:12 AM	-0.6	0.6	---	-0.7	2.9
10/18/2020 9:18 AM	-0.6	0.6	---	-0.7	2.8
10/18/2020 9:24 AM	-0.5	0.7	---	-0.7	2.9
10/18/2020 9:30 AM	-0.5	0.8	---	-0.7	2.9
10/18/2020 9:36 AM	-0.5	0.8	---	-0.7	2.9
10/18/2020 9:42 AM	-0.5	0.8	---	-0.7	2.9
10/18/2020 9:48 AM	-0.5	0.8	---	-0.7	3.0
10/18/2020 9:54 AM	-0.5	0.9	---	5.1	2.4
10/18/2020 10:00 AM	-0.5	0.8	---	8.9	2.0
10/18/2020 10:06 AM	-0.5	0.9	---	4.6	2.1
10/18/2020 10:12 AM	-0.5	0.9	---	2.9	2.1
10/18/2020 10:18 AM	-0.5	1.0	---	2.3	2.2
10/18/2020 10:24 AM	-0.5	1.0	---	2.1	2.1
10/18/2020 10:30 AM	-0.5	1.0	---	2.0	2.0
10/18/2020 10:36 AM	-0.5	1.1	---	1.9	2.0
10/18/2020 10:42 AM	-0.5	1.1	---	1.9	2.0
10/18/2020 10:48 AM	-0.5	1.1	---	1.9	2.0
10/18/2020 10:54 AM	-0.4	1.0	---	1.9	1.9
10/18/2020 11:00 AM	-0.4	0.8	---	2.0	2.0
10/18/2020 11:06 AM	-0.4	0.7	---	1.9	2.0
10/18/2020 11:12 AM	-0.4	0.7	---	2.0	2.0
10/18/2020 11:18 AM	-0.4	0.7	---	2.1	2.0
10/18/2020 11:24 AM	-0.4	0.7	---	2.0	2.0
10/18/2020 11:30 AM	-0.4	0.8	---	1.9	2.0
10/18/2020 11:36 AM	-0.4	0.8	---	1.9	2.0
10/18/2020 11:42 AM	-0.4	0.9	---	1.8	2.0
10/18/2020 11:48 AM	-0.4	1.0	---	1.6	2.0
10/18/2020 11:54 AM	-0.4	0.9	---	1.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/18/2020 12:00 PM	-0.4	0.9	---	1.3	2.0
10/18/2020 12:06 PM	-0.5	0.7	---	1.2	2.0
10/18/2020 12:12 PM	-0.5	0.7	---	1.1	2.0
10/18/2020 12:18 PM	-0.5	0.6	---	1.1	2.1
10/18/2020 12:24 PM	-0.5	0.5	---	1.0	2.1
10/18/2020 12:30 PM	-0.5	0.5	---	1.0	2.0
10/18/2020 12:36 PM	-0.5	0.6	---	1.0	2.0
10/18/2020 12:42 PM	-0.5	0.7	---	1.0	2.0
10/18/2020 12:48 PM	-0.5	0.9	---	1.0	2.0
10/18/2020 12:54 PM	-0.5	1.0	---	1.1	2.0
10/18/2020 1:00 PM	-0.5	1.1	---	1.2	2.1
10/18/2020 1:06 PM	-0.5	1.1	---	1.1	2.0
10/18/2020 1:12 PM	-0.5	1.2	---	1.0	2.0
10/18/2020 1:18 PM	-0.5	1.2	---	1.0	2.1
10/18/2020 1:24 PM	-0.5	1.2	---	0.9	2.1
10/18/2020 1:30 PM	-0.5	1.2	---	0.8	2.1
10/18/2020 1:36 PM	-0.5	1.2	---	0.8	2.1
10/18/2020 1:42 PM	-0.5	1.2	---	0.9	2.0
10/18/2020 1:48 PM	-0.5	1.1	---	0.9	2.1
10/18/2020 1:54 PM	-0.5	1.0	---	0.9	2.1
10/18/2020 2:00 PM	-0.5	0.7	---	0.9	2.1
10/18/2020 2:06 PM	-0.5	0.6	---	0.9	2.1
10/18/2020 2:12 PM	-0.5	0.6	---	0.8	2.1
10/18/2020 2:18 PM	-0.5	0.7	---	0.8	2.0
10/18/2020 2:24 PM	-0.5	0.6	---	0.8	2.0
10/18/2020 2:30 PM	-0.5	0.6	---	0.8	2.0
10/18/2020 2:36 PM	-0.5	0.6	---	0.8	2.0
10/18/2020 2:42 PM	-0.5	0.7	---	0.8	2.0
10/18/2020 2:48 PM	-0.5	0.8	---	0.8	2.0
10/18/2020 2:54 PM	-0.5	1.0	---	0.7	2.0
10/18/2020 3:00 PM	-0.5	1.1	---	0.7	2.0
10/18/2020 3:06 PM	-0.5	1.2	---	0.8	2.0
10/18/2020 3:12 PM	-0.5	1.2	---	0.9	2.0
10/18/2020 3:18 PM	-0.5	1.3	---	1.0	1.9
10/18/2020 3:24 PM	-0.5	1.4	---	1.0	2.0
10/18/2020 3:30 PM	-0.5	1.4	---	1.0	2.0
10/18/2020 3:36 PM	-0.5	1.4	---	1.0	2.0
10/18/2020 3:42 PM	-0.5	1.4	---	0.9	2.0
10/18/2020 3:48 PM	-0.5	1.3	---	0.9	2.0
10/18/2020 3:54 PM	-0.5	1.4	---	0.9	2.0
10/18/2020 4:00 PM	-0.5	1.4	---	0.9	2.0
10/18/2020 4:06 PM	-0.5	1.4	---	0.8	2.0
10/18/2020 4:12 PM	-0.5	1.4	---	0.7	2.0
10/18/2020 4:18 PM	-0.5	1.5	---	0.6	1.9
10/18/2020 4:24 PM	-0.5	1.5	---	0.6	1.9
10/18/2020 4:30 PM	-0.5	1.6	---	0.6	2.0
10/18/2020 4:36 PM	-0.6	1.6	---	0.7	2.0
10/18/2020 4:42 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 4:48 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 4:54 PM	-0.6	1.7	---	0.6	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/18/2020 5:00 PM	-0.6	1.8	---	0.7	2.0
10/18/2020 5:06 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 5:12 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 5:18 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 5:24 PM	-0.6	1.7	---	0.6	2.1
10/18/2020 5:30 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 5:36 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 5:42 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 5:48 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 5:54 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 6:00 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 6:06 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 6:12 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 6:18 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 6:24 PM	-0.6	1.7	---	0.8	2.1
10/18/2020 6:30 PM	-0.6	1.7	---	0.8	2.1
10/18/2020 6:36 PM	-0.6	1.8	---	0.8	2.1
10/18/2020 6:42 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 6:48 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 6:54 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:00 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:06 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:12 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:18 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:24 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:30 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:36 PM	-0.6	1.8	---	0.7	2.1
10/18/2020 7:42 PM	-0.6	1.8	---	0.7	2.0
10/18/2020 7:48 PM	-0.6	1.8	---	0.7	2.0
10/18/2020 7:54 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 8:00 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 8:06 PM	-0.6	1.7	---	0.7	2.0
10/18/2020 8:12 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 8:18 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 8:24 PM	-0.6	1.7	---	0.8	2.1
10/18/2020 8:30 PM	-0.6	1.7	---	0.8	2.1
10/18/2020 8:36 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 8:42 PM	-0.6	1.7	---	0.7	2.1
10/18/2020 8:48 PM	-0.6	1.6	---	0.7	2.1
10/18/2020 8:54 PM	-0.6	1.6	---	0.7	2.1
10/18/2020 9:00 PM	-0.6	1.6	---	0.7	2.1
10/18/2020 9:06 PM	-0.6	1.6	---	0.8	2.1
10/18/2020 9:12 PM	-0.6	1.6	---	0.8	2.1
10/18/2020 9:18 PM	-0.6	1.6	---	0.8	2.1
10/18/2020 9:24 PM	-0.6	1.6	---	0.7	2.2
10/18/2020 9:30 PM	-0.6	1.6	---	0.7	2.1
10/18/2020 9:36 PM	-0.6	1.6	---	0.8	2.1
10/18/2020 9:42 PM	-0.6	1.5	---	0.8	2.1
10/18/2020 9:48 PM	-0.6	1.5	---	0.8	2.2
10/18/2020 9:54 PM	-0.6	1.5	---	0.8	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/18/2020 10:00 PM	-0.6	1.5	---	0.8	2.1
10/18/2020 10:06 PM	-0.6	1.5	---	0.9	2.2
10/18/2020 10:12 PM	-0.6	1.5	---	0.8	2.2
10/18/2020 10:18 PM	-0.6	1.5	---	0.8	2.2
10/18/2020 10:24 PM	-0.6	1.5	---	0.8	2.1
10/18/2020 10:30 PM	-0.6	1.5	---	0.8	2.2
10/18/2020 10:36 PM	-0.6	1.5	---	0.8	2.1
10/18/2020 10:42 PM	-0.6	1.5	---	0.9	2.2
10/18/2020 10:48 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 10:54 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 11:00 PM	-0.6	1.4	---	0.8	2.2
10/18/2020 11:06 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 11:12 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 11:18 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 11:24 PM	-0.6	1.4	---	0.9	2.1
10/18/2020 11:30 PM	-0.6	1.4	---	0.9	2.1
10/18/2020 11:36 PM	-0.6	1.4	---	0.9	2.1
10/18/2020 11:42 PM	-0.6	1.4	---	0.9	2.1
10/18/2020 11:48 PM	-0.6	1.4	---	0.8	2.1
10/18/2020 11:54 PM	-0.6	1.4	---	0.8	2.1
10/19/2020 12:00 AM	-0.6	1.4	---	0.8	2.1
10/19/2020 12:06 AM	-0.6	1.4	---	0.8	2.1
10/19/2020 12:12 AM	-0.6	1.4	---	0.9	2.1
10/19/2020 12:18 AM	-0.6	1.4	---	2.4	1.5
10/19/2020 12:24 AM	-0.6	1.4	---	3.8	0.4
10/19/2020 12:30 AM	-0.6	1.4	---	3.2	0.0
10/19/2020 12:36 AM	-0.6	1.4	---	3.0	0.0
10/19/2020 12:42 AM	-0.6	1.5	---	2.8	0.0
10/19/2020 12:48 AM	-0.6	1.5	---	2.8	0.0
10/19/2020 12:54 AM	-0.6	1.4	---	2.7	0.0
10/19/2020 1:00 AM	-0.6	1.4	---	2.6	-0.1
10/19/2020 1:06 AM	-0.6	1.4	---	2.4	0.0
10/19/2020 1:12 AM	-0.6	1.4	---	2.3	0.0
10/19/2020 1:18 AM	-0.6	1.4	---	2.4	0.0
10/19/2020 1:24 AM	-0.6	1.4	---	2.3	0.0
10/19/2020 1:30 AM	-0.6	1.4	---	2.2	0.0
10/19/2020 1:36 AM	-0.6	1.4	---	2.2	0.0
10/19/2020 1:42 AM	-0.6	1.4	---	2.3	0.0
10/19/2020 1:48 AM	-0.6	1.4	---	2.2	0.0
10/19/2020 1:54 AM	-0.6	1.4	---	2.1	-0.1
10/19/2020 2:00 AM	-0.6	1.4	---	2.1	-0.1
10/19/2020 2:06 AM	-0.6	1.4	---	2.0	-0.1
10/19/2020 2:12 AM	-0.6	1.4	---	2.0	-0.1
10/19/2020 2:18 AM	-0.6	1.4	---	1.9	0.0
10/19/2020 2:24 AM	-0.6	1.4	---	1.9	0.0
10/19/2020 2:30 AM	-0.6	1.4	---	1.8	-0.1
10/19/2020 2:36 AM	-0.6	1.4	---	1.9	-0.1
10/19/2020 2:42 AM	-0.6	1.4	---	2.1	0.0
10/19/2020 2:48 AM	-0.6	1.4	---	2.1	0.0
10/19/2020 2:54 AM	-0.6	1.4	---	2.1	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/19/2020 3:00 AM	-0.6	1.4	---	2.1	-0.1
10/19/2020 3:06 AM	-0.6	1.4	---	1.9	-0.1
10/19/2020 3:12 AM	-0.6	1.4	---	1.8	-0.1
10/19/2020 3:18 AM	-0.6	1.4	---	1.8	-0.1
10/19/2020 3:24 AM	-0.6	1.4	---	1.7	0.0
10/19/2020 3:30 AM	-0.6	1.4	---	1.7	0.0
10/19/2020 3:36 AM	-0.6	1.4	---	1.6	-0.1
10/19/2020 3:42 AM	-0.6	1.4	---	1.6	0.0
10/19/2020 3:48 AM	-0.6	1.4	---	1.7	0.0
10/19/2020 3:54 AM	-0.6	1.4	---	1.7	-0.1
10/19/2020 4:00 AM	-0.7	1.3	---	1.1	-0.1
10/19/2020 4:06 AM	-0.6	1.3	---	0.6	-0.1
10/19/2020 4:12 AM	-0.7	1.3	---	0.6	-0.1
10/19/2020 4:18 AM	-0.7	1.3	---	0.7	-0.1
10/19/2020 4:24 AM	-0.7	1.4	---	0.7	0.0
10/19/2020 4:30 AM	-0.7	1.4	---	0.7	0.0
10/19/2020 4:36 AM	-0.7	1.4	---	0.7	-0.1
10/19/2020 4:42 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 4:48 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 4:54 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 5:00 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 5:06 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 5:12 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 5:18 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 5:24 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 5:30 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 5:36 AM	-0.7	1.4	---	0.9	-0.1
10/19/2020 5:42 AM	-0.7	1.4	---	0.9	0.0
10/19/2020 5:48 AM	-0.7	1.4	---	0.9	0.0
10/19/2020 5:54 AM	-0.7	1.4	---	0.9	0.0
10/19/2020 6:00 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 6:06 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 6:12 AM	-0.7	1.4	---	0.8	-0.1
10/19/2020 6:18 AM	-0.7	1.4	---	0.8	0.0
10/19/2020 6:24 AM	-0.7	1.5	---	0.9	0.0
10/19/2020 6:30 AM	-0.7	1.5	---	0.8	-0.1
10/19/2020 6:36 AM	-0.7	1.5	---	0.9	-0.1
10/19/2020 6:42 AM	-0.7	1.6	---	0.8	-0.1
10/19/2020 6:48 AM	-0.7	1.7	---	0.8	-0.1
10/19/2020 6:54 AM	-0.7	1.8	---	0.8	0.0
10/19/2020 7:00 AM	1.7	1.9	---	0.9	0.0
10/19/2020 7:06 AM	6.6	2.0	---	1.0	-0.1
10/19/2020 7:12 AM	6.2	2.0	---	1.0	-0.1
10/19/2020 7:18 AM	5.4	1.9	---	0.9	4.8
10/19/2020 7:24 AM	3.2	1.9	---	0.8	9.1
10/19/2020 7:30 AM	1.0	1.9	---	0.8	6.7
10/19/2020 7:36 AM	0.1	1.9	---	0.8	5.9
10/19/2020 7:42 AM	-0.3	2.0	---	0.7	5.5
10/19/2020 7:48 AM	-0.4	2.0	---	0.7	4.8
10/19/2020 7:54 AM	-0.5	2.0	---	0.7	4.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
10/19/2020 8:00 AM	-0.5	2.1	---	0.7	3.4
10/19/2020 8:06 AM	-0.5	2.1	---	0.7	3.1
10/19/2020 8:12 AM	-0.5	2.1	---	0.7	2.9
10/19/2020 8:18 AM	-0.5	2.1	---	0.7	2.8
10/19/2020 8:24 AM	-0.5	2.1	---	0.7	2.7
10/19/2020 8:30 AM	-0.5	2.1	---	0.7	2.7
10/19/2020 8:36 AM	4.8	2.2	---	0.7	2.6
10/19/2020 8:42 AM	8.9	2.2	---	0.7	2.5
10/19/2020 8:48 AM	6.3	2.2	---	0.7	2.5
10/19/2020 8:54 AM	3.9	2.2	---	0.8	2.5
10/19/2020 9:00 AM	1.2	2.2	---	0.8	2.4
10/19/2020 9:06 AM	0.1	2.1	---	0.8	2.3
10/19/2020 9:12 AM	-0.2	2.2	---	0.7	2.3
10/19/2020 9:18 AM	-0.4	2.2	---	0.7	2.4
10/19/2020 9:24 AM	-0.4	2.3	---	0.8	2.4
10/19/2020 9:30 AM	-0.5	2.4	---	0.8	2.4
10/19/2020 9:36 AM	-0.5	2.5	---	0.7	2.4
10/19/2020 9:42 AM	-0.5	2.5	---	0.7	2.4
10/19/2020 9:48 AM	-0.5	2.4	---	0.7	2.3
10/19/2020 9:54 AM	-0.5	2.3	---	0.7	2.3
10/19/2020 10:00 AM	-0.5	2.3	---	0.7	2.3
10/19/2020 10:06 AM	-0.5	2.2	---	0.7	2.3
10/19/2020 10:12 AM	-0.5	2.1	---	0.7	2.3
10/19/2020 10:18 AM	-0.5	2.1	---	0.7	2.3
10/19/2020 10:24 AM	-0.5	2.1	---	0.7	2.3
10/19/2020 10:30 AM	-0.5	2.2	---	0.7	2.3
10/19/2020 10:36 AM	-0.5	2.2	---	0.7	2.3
10/19/2020 10:42 AM	-0.5	2.3	---	0.8	2.3
10/19/2020 10:48 AM	-0.5	2.3	---	0.8	2.3
10/19/2020 10:54 AM	-0.5	2.3	---	0.7	2.2
10/19/2020 11:00 AM	-0.5	2.3	---	0.7	1.1
10/19/2020 11:06 AM	-0.5	2.4	---	0.8	0.0
10/19/2020 11:12 AM	-0.5	2.4	---	0.8	0.0
10/19/2020 11:18 AM	-0.5	2.3	---	0.7	0.0
10/19/2020 11:24 AM	-0.5	2.3	---	0.7	0.1
10/19/2020 11:30 AM	-0.5	2.2	---	0.6	3.5
10/19/2020 11:36 AM	-0.5	2.2	---	0.5	3.2
10/19/2020 11:42 AM	-0.5	2.2	---	0.7	2.6
10/19/2020 11:48 AM	-0.5	2.2	---	0.7	2.5
10/19/2020 11:54 AM	-0.5	2.2	---	0.6	2.5
10/19/2020 12:00 PM	-0.5	2.1	---	0.7	2.4
10/19/2020 12:06 PM	-0.5	2.1	---	0.7	2.4
10/19/2020 12:12 PM	-0.5	2.1	---	0.6	2.3
10/19/2020 12:18 PM	-0.6	2.2	---	0.6	2.3
10/19/2020 12:24 PM	-0.6	2.2	---	0.7	2.2
10/19/2020 12:30 PM	-0.6	2.2	---	0.7	2.3
10/19/2020 12:36 PM	-0.6	2.1	---	0.7	2.3
10/19/2020 12:42 PM	-0.6	2.0	---	0.6	2.2
10/19/2020 12:48 PM	-0.5	1.9	---	0.7	2.3
10/19/2020 12:54 PM	-0.5	2.0	---	0.7	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/19/2020 1:00 PM	-0.5	2.0	---	0.7	2.3
10/19/2020 1:06 PM	-0.5	2.0	---	0.7	2.3
10/19/2020 1:12 PM	-0.5	2.0	---	0.7	2.3
10/19/2020 1:18 PM	-0.5	2.0	---	0.7	2.2
10/19/2020 1:24 PM	-0.5	1.9	---	0.8	2.2
10/19/2020 1:30 PM	-0.5	1.9	---	0.8	2.2
10/19/2020 1:36 PM	-0.5	2.0	---	0.8	2.2
10/19/2020 1:42 PM	-0.5	1.9	---	0.8	2.2
10/19/2020 1:48 PM	-0.5	1.8	---	0.8	2.2
10/19/2020 1:54 PM	-0.5	1.8	---	0.8	2.2
10/19/2020 2:00 PM	-0.5	1.7	---	0.8	2.2
10/19/2020 2:06 PM	-0.5	1.5	---	0.7	2.2
10/19/2020 2:12 PM	-0.5	1.5	---	0.8	2.3
10/19/2020 2:18 PM	-0.5	1.5	---	0.8	2.3
10/19/2020 2:24 PM	4.7	1.6	---	0.8	2.2
10/19/2020 2:30 PM	14.7	1.6	---	0.8	2.2
10/19/2020 2:36 PM	13.2	1.6	---	0.8	2.2
10/19/2020 2:42 PM	8.9	1.6	---	0.8	2.2
10/19/2020 2:48 PM	6.8	1.6	---	0.7	2.2
10/19/2020 2:54 PM	4.2	1.6	---	0.7	2.2
10/19/2020 3:00 PM	2.1	1.5	---	0.7	2.1
10/19/2020 3:06 PM	0.7	1.5	---	0.7	2.1
10/19/2020 3:12 PM	0.0	1.5	---	0.7	2.1
10/19/2020 3:18 PM	-0.2	1.5	---	0.7	2.2
10/19/2020 3:24 PM	-0.3	1.5	---	0.7	2.2
10/19/2020 3:30 PM	-0.4	1.4	---	0.7	2.2
10/19/2020 3:36 PM	-0.4	1.3	---	0.7	2.1
10/19/2020 3:42 PM	-0.4	1.2	---	0.7	2.1
10/19/2020 3:48 PM	-0.5	1.0	---	0.7	2.2
10/19/2020 3:54 PM	-0.5	0.9	---	0.7	2.2
10/19/2020 4:00 PM	-0.5	0.8	---	0.7	2.2
10/19/2020 4:06 PM	-0.5	0.7	---	0.7	2.2
10/19/2020 4:12 PM	-0.5	0.7	---	0.7	2.2
10/19/2020 4:18 PM	-0.5	0.8	---	0.7	2.2
10/19/2020 4:24 PM	-0.5	1.0	---	0.7	2.2
10/19/2020 4:30 PM	-0.5	1.1	---	0.6	2.1
10/19/2020 4:36 PM	-0.6	1.1	---	0.5	2.0
10/19/2020 4:42 PM	-0.6	1.2	---	0.5	2.0
10/19/2020 4:48 PM	-0.6	1.3	---	0.6	2.1
10/19/2020 4:54 PM	-0.6	1.3	---	0.6	2.1
10/19/2020 5:00 PM	-0.6	1.4	---	0.7	2.1
10/19/2020 5:06 PM	-0.6	1.4	---	0.7	2.1
10/19/2020 5:12 PM	-0.6	1.5	---	0.7	2.1
10/19/2020 5:18 PM	-0.6	1.5	---	0.7	2.1
10/19/2020 5:24 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 5:30 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 5:36 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 5:42 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 5:48 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 5:54 PM	-0.6	1.6	---	0.7	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/19/2020 6:00 PM	-0.6	1.6	---	0.7	2.1
10/19/2020 6:06 PM	-0.6	1.6	---	0.7	2.2
10/19/2020 6:12 PM	2.1	1.6	---	0.7	2.2
10/19/2020 6:18 PM	7.7	1.6	---	0.7	2.2
10/19/2020 6:24 PM	8.9	1.6	---	0.7	2.2
10/19/2020 6:30 PM	5.1	1.6	---	0.7	2.2
10/19/2020 6:36 PM	1.8	1.5	---	0.7	2.2
10/19/2020 6:42 PM	2.2	1.5	---	0.7	2.2
10/19/2020 6:48 PM	2.2	1.5	---	0.7	2.2
10/19/2020 6:54 PM	1.8	1.5	---	0.7	2.2
10/19/2020 7:00 PM	1.5	1.4	---	0.7	2.2
10/19/2020 7:06 PM	1.1	1.4	---	0.6	2.2
10/19/2020 7:12 PM	3.3	1.4	---	0.6	2.2
10/19/2020 7:18 PM	8.2	1.4	---	0.2	2.2
10/19/2020 7:24 PM	6.9	1.4	---	-0.5	2.2
10/19/2020 7:30 PM	4.8	1.4	---	-0.8	2.2
10/19/2020 7:36 PM	4.3	1.4	---	-0.8	2.1
10/19/2020 7:42 PM	3.3	1.4	---	-0.7	2.1
10/19/2020 7:48 PM	1.8	1.4	---	-0.8	2.1
10/19/2020 7:54 PM	1.0	1.4	---	-0.8	2.1
10/19/2020 8:00 PM	0.8	1.4	---	-0.8	2.1
10/19/2020 8:06 PM	0.7	1.4	---	-0.8	2.2
10/19/2020 8:12 PM	0.6	1.4	---	-0.8	2.2
10/19/2020 8:18 PM	0.6	1.4	---	-0.8	2.2
10/19/2020 8:24 PM	0.5	1.4	---	-0.8	2.2
10/19/2020 8:30 PM	0.5	1.4	---	-0.7	2.2
10/19/2020 8:36 PM	0.4	1.4	---	-0.7	2.2
10/19/2020 8:42 PM	0.3	1.4	---	-0.8	2.2
10/19/2020 8:48 PM	0.3	1.4	---	-0.7	2.2
10/19/2020 8:54 PM	0.2	1.4	---	-0.7	2.2
10/19/2020 9:00 PM	0.2	1.4	---	-0.7	2.2
10/19/2020 9:06 PM	0.4	1.4	---	-0.7	2.2
10/19/2020 9:12 PM	0.6	1.4	---	-0.7	2.2
10/19/2020 9:18 PM	0.8	1.4	---	-0.7	2.2
10/19/2020 9:24 PM	0.8	1.4	---	-0.7	2.2
10/19/2020 9:30 PM	0.8	1.4	---	-0.7	2.2
10/19/2020 9:36 PM	0.8	1.4	---	-0.7	2.2
10/19/2020 9:42 PM	0.7	1.4	---	-0.8	2.2
10/19/2020 9:48 PM	0.6	1.4	---	-0.8	2.2
10/19/2020 9:54 PM	0.6	1.4	---	-0.8	2.2
10/19/2020 10:00 PM	0.5	1.4	---	-0.7	2.3
10/19/2020 10:06 PM	0.3	1.4	---	-0.7	2.3
10/19/2020 10:12 PM	0.3	1.4	---	-0.7	2.2
10/19/2020 10:18 PM	0.2	1.4	---	-0.8	2.2
10/19/2020 10:24 PM	0.1	1.4	---	-0.8	2.2
10/19/2020 10:30 PM	0.1	1.4	---	-0.8	2.2
10/19/2020 10:36 PM	0.1	1.4	---	-0.8	2.3
10/19/2020 10:42 PM	0.0	1.4	---	-0.8	2.3
10/19/2020 10:48 PM	0.0	1.4	---	-0.8	2.2
10/19/2020 10:54 PM	0.0	1.4	---	-0.8	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/19/2020 11:00 PM	0.0	1.4	---	-0.7	2.2
10/19/2020 11:06 PM	0.0	1.3	---	-0.7	2.1
10/19/2020 11:12 PM	0.0	1.3	---	-0.7	2.2
10/19/2020 11:18 PM	0.0	1.3	---	-0.8	2.2
10/19/2020 11:24 PM	0.0	1.3	---	-0.7	2.2
10/19/2020 11:30 PM	0.1	1.3	---	-0.7	2.2
10/19/2020 11:36 PM	0.1	1.4	---	-0.7	2.2
10/19/2020 11:42 PM	0.1	1.4	---	-0.7	2.2
10/19/2020 11:48 PM	0.1	1.3	---	-0.7	2.2
10/19/2020 11:54 PM	0.1	1.3	---	-0.7	2.2
10/20/2020 12:00 AM	0.1	1.3	---	-0.7	2.2
10/20/2020 12:06 AM	0.1	1.3	---	-0.7	2.2
10/20/2020 12:12 AM	0.1	1.3	---	-0.7	2.3
10/20/2020 12:18 AM	0.0	1.3	---	-0.8	2.7
10/20/2020 12:24 AM	-0.3	1.3	---	-0.8	2.7
10/20/2020 12:30 AM	-0.6	1.3	---	-0.7	2.5
10/20/2020 12:36 AM	-0.6	1.3	---	-0.7	2.5
10/20/2020 12:42 AM	-0.6	1.3	---	-0.8	2.5
10/20/2020 12:48 AM	-0.6	1.3	---	-0.7	2.5
10/20/2020 12:54 AM	-0.6	1.3	---	-0.7	2.6
10/20/2020 1:00 AM	-0.6	1.3	---	-0.7	2.6
10/20/2020 1:06 AM	-0.6	1.3	---	-0.7	2.6
10/20/2020 1:12 AM	-0.6	1.3	---	-0.7	2.6
10/20/2020 1:18 AM	-0.6	1.3	---	-0.8	2.6
10/20/2020 1:24 AM	-0.6	1.3	---	-0.8	2.6
10/20/2020 1:30 AM	-0.6	1.3	---	-0.8	2.5
10/20/2020 1:36 AM	-0.6	1.4	---	-0.7	2.5
10/20/2020 1:42 AM	-0.6	1.4	---	-0.8	2.5
10/20/2020 1:48 AM	-0.6	1.4	---	-0.8	2.4
10/20/2020 1:54 AM	-0.6	1.5	---	-0.8	2.4
10/20/2020 2:00 AM	-0.6	1.5	---	-0.8	2.3
10/20/2020 2:06 AM	-0.6	1.5	---	-0.8	2.4
10/20/2020 2:12 AM	-0.6	1.5	---	-0.8	2.5
10/20/2020 2:18 AM	-0.6	1.5	---	-0.8	2.5
10/20/2020 2:24 AM	-0.5	1.5	---	-0.8	2.5
10/20/2020 2:30 AM	-0.5	1.6	---	-0.8	2.5
10/20/2020 2:36 AM	-0.5	1.6	---	-0.8	2.4
10/20/2020 2:42 AM	-0.5	1.6	---	-0.8	2.4
10/20/2020 2:48 AM	-0.5	1.6	---	-0.8	2.4
10/20/2020 2:54 AM	-0.5	1.6	---	-0.8	2.5
10/20/2020 3:00 AM	-0.5	1.6	---	-0.7	2.6
10/20/2020 3:06 AM	-0.5	1.6	---	-0.7	2.6
10/20/2020 3:12 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 3:18 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 3:24 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 3:30 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 3:36 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 3:42 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 3:48 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 3:54 AM	-0.5	1.6	---	-0.7	2.4

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/20/2020 4:00 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:06 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:12 AM	-0.5	1.6	---	-0.8	2.4
10/20/2020 4:18 AM	-0.5	1.6	---	-0.8	2.5
10/20/2020 4:24 AM	-0.5	1.6	---	-0.8	2.5
10/20/2020 4:30 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:36 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:42 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:48 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 4:54 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 5:00 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 5:06 AM	-0.5	1.6	---	-0.7	2.3
10/20/2020 5:12 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 5:18 AM	-0.5	1.5	---	-0.7	2.4
10/20/2020 5:24 AM	-0.5	1.5	---	-0.7	2.4
10/20/2020 5:30 AM	-0.4	1.5	---	-0.7	2.4
10/20/2020 5:36 AM	-0.4	1.6	---	-0.7	2.4
10/20/2020 5:42 AM	-0.4	1.6	---	-0.7	2.3
10/20/2020 5:48 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 5:54 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 6:00 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 6:06 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 6:12 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 6:18 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 6:24 AM	-0.5	1.6	---	-0.7	2.4
10/20/2020 6:30 AM	-0.5	1.6	---	-0.7	2.5
10/20/2020 6:36 AM	-0.4	1.6	---	-0.7	3.1
10/20/2020 6:42 AM	-0.4	1.7	---	-0.7	4.7
10/20/2020 6:48 AM	1.5	1.7	---	-0.7	4.7
10/20/2020 6:54 AM	1.1	1.8	---	-0.7	2.8
10/20/2020 7:00 AM	0.8	1.8	---	-0.7	2.0
10/20/2020 7:06 AM	0.7	1.9	---	-0.7	2.1
10/20/2020 7:12 AM	0.7	1.9	---	-0.7	1.9
10/20/2020 7:18 AM	0.6	1.9	---	-0.7	1.8
10/20/2020 7:24 AM	0.6	2.0	---	-0.7	1.8
10/20/2020 7:30 AM	0.5	2.0	---	-0.7	1.9
10/20/2020 7:36 AM	0.5	2.0	---	-0.7	1.9
10/20/2020 7:42 AM	0.5	2.0	---	-0.7	2.0
10/20/2020 7:48 AM	0.4	2.0	---	-0.7	2.0
10/20/2020 7:54 AM	0.4	2.1	---	-0.7	2.0
10/20/2020 8:00 AM	0.4	2.1	---	-0.7	2.0
10/20/2020 8:06 AM	0.6	2.1	---	-0.7	2.1
10/20/2020 8:12 AM	0.8	2.1	---	-0.7	2.1
10/20/2020 8:18 AM	1.0	2.1	---	-0.7	2.1
10/20/2020 8:24 AM	1.0	2.2	---	-0.7	2.1
10/20/2020 8:30 AM	0.9	2.2	---	-0.7	2.2
10/20/2020 8:36 AM	0.9	2.3	---	-0.7	2.2
10/20/2020 8:42 AM	0.8	2.3	---	-0.7	2.2
10/20/2020 8:48 AM	0.7	2.3	---	-0.7	2.2
10/20/2020 8:54 AM	0.6	2.3	---	-0.7	2.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/20/2020 9:00 AM	0.4	2.4	---	-0.7	2.3
10/20/2020 9:06 AM	0.3	2.4	---	-0.7	2.3
10/20/2020 9:12 AM	0.2	2.4	---	-0.7	2.5
10/20/2020 9:18 AM	0.2	2.4	---	-0.7	2.4
10/20/2020 9:24 AM	0.1	2.5	---	-0.7	2.4
10/20/2020 9:30 AM	0.1	2.5	---	-0.7	2.4
10/20/2020 9:36 AM	0.1	2.5	---	-0.7	2.4
10/20/2020 9:42 AM	0.2	2.4	---	-0.7	2.4
10/20/2020 9:48 AM	0.2	2.4	---	-0.7	2.4
10/20/2020 9:54 AM	0.2	2.5	---	-0.7	2.4
10/20/2020 10:00 AM	0.2	2.5	---	-0.7	2.4
10/20/2020 10:06 AM	0.2	2.5	---	-0.7	2.4
10/20/2020 10:12 AM	0.3	2.4	---	-0.7	2.4
10/20/2020 10:18 AM	0.4	2.4	---	-0.7	2.4
10/20/2020 10:24 AM	0.3	2.4	---	-0.7	2.4
10/20/2020 10:30 AM	0.2	2.5	---	-0.7	2.4
10/20/2020 10:36 AM	0.2	2.5	---	-0.7	2.4
10/20/2020 10:42 AM	0.1	2.4	---	-0.7	2.4
10/20/2020 10:48 AM	0.1	2.4	---	-0.7	2.4
10/20/2020 10:54 AM	0.1	2.4	---	-0.6	2.4
10/20/2020 11:00 AM	0.1	2.3	---	-0.7	2.3
10/20/2020 11:06 AM	0.1	2.3	---	-0.6	1.1
10/20/2020 11:12 AM	0.1	2.1	---	-0.6	0.0
10/20/2020 11:18 AM	0.1	2.1	---	-0.6	0.0
10/20/2020 11:24 AM	0.1	2.0	---	-0.6	0.0
10/20/2020 11:30 AM	0.1	2.0	---	-0.6	0.0
10/20/2020 11:36 AM	0.3	2.0	---	-0.6	0.0
10/20/2020 11:42 AM	0.6	2.0	---	-0.6	0.0
10/20/2020 11:48 AM	0.6	2.1	---	-0.6	0.0
10/20/2020 11:54 AM	0.6	2.1	---	-0.6	0.0
10/20/2020 12:00 PM	0.7	2.1	---	-0.7	-0.1
10/20/2020 12:06 PM	0.6	2.0	---	-0.7	-0.1
10/20/2020 12:12 PM	0.6	2.0	---	-0.7	-0.1
10/20/2020 12:18 PM	0.6	2.0	---	-0.7	0.0
10/20/2020 12:24 PM	0.6	1.9	---	-0.7	-0.1
10/20/2020 12:30 PM	0.6	1.7	---	-0.7	-0.1
10/20/2020 12:36 PM	0.6	1.5	---	-0.7	-0.1
10/20/2020 12:42 PM	0.5	1.3	---	-0.7	-0.1
10/20/2020 12:48 PM	0.5	1.3	---	-0.7	-0.1
10/20/2020 12:54 PM	0.6	1.3	---	-0.7	0.0
10/20/2020 1:00 PM	0.6	1.3	---	-0.8	-0.1
10/20/2020 1:06 PM	0.6	1.4	---	-0.8	4.3
10/20/2020 1:12 PM	0.6	1.4	---	-0.8	5.9
10/20/2020 1:18 PM	0.6	1.4	---	-0.8	3.5
10/20/2020 1:24 PM	0.6	1.4	---	-0.8	2.9
10/20/2020 1:30 PM	0.6	1.3	---	-0.8	2.7
10/20/2020 1:36 PM	0.6	1.1	---	-0.8	2.6
10/20/2020 1:42 PM	0.6	0.8	---	-0.8	2.6
10/20/2020 1:48 PM	0.6	0.6	---	-0.8	2.6
10/20/2020 1:54 PM	0.5	0.4	---	-0.8	2.6

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/20/2020 2:00 PM	0.5	0.3	---	-0.8	2.6
10/20/2020 2:06 PM	0.5	0.2	---	-0.8	2.5
10/20/2020 2:12 PM	0.6	0.2	---	-0.7	2.5
10/20/2020 2:18 PM	0.5	0.2	---	-0.7	2.4
10/20/2020 2:24 PM	0.5	0.1	---	-0.7	2.4
10/20/2020 2:30 PM	0.5	0.1	---	-0.7	2.4
10/20/2020 2:36 PM	0.5	0.2	---	-0.7	2.3
10/20/2020 2:42 PM	0.5	0.2	---	-0.7	2.4
10/20/2020 2:48 PM	0.5	0.3	---	-0.7	2.4
10/20/2020 2:54 PM	0.5	0.5	---	-0.7	2.4
10/20/2020 3:00 PM	0.5	0.6	---	-0.7	2.3
10/20/2020 3:06 PM	0.5	0.8	---	-0.7	2.3
10/20/2020 3:12 PM	0.5	0.9	---	-0.7	2.4
10/20/2020 3:18 PM	0.2	1.0	---	-0.7	2.3
10/20/2020 3:24 PM	0.1	1.0	---	-0.7	2.4
10/20/2020 3:30 PM	0.2	1.0	---	-0.7	2.4
10/20/2020 3:36 PM	0.2	1.0	---	-0.7	2.3
10/20/2020 3:42 PM	0.2	1.0	---	-0.7	2.4
10/20/2020 3:48 PM	0.2	1.0	---	-0.7	2.4
10/20/2020 3:54 PM	0.2	1.0	---	-0.7	2.4
10/20/2020 4:00 PM	0.2	1.0	---	-0.7	2.3
10/20/2020 4:06 PM	0.2	1.1	---	-0.7	2.2
10/20/2020 4:12 PM	0.3	1.1	---	-0.7	2.2
10/20/2020 4:18 PM	0.3	1.3	---	-0.7	2.3
10/20/2020 4:24 PM	0.3	1.4	---	-0.7	2.3
10/20/2020 4:30 PM	0.3	1.6	---	-0.7	2.3
10/20/2020 4:36 PM	0.3	1.7	---	-0.7	2.4
10/20/2020 4:42 PM	0.3	1.8	---	-0.7	2.4
10/20/2020 4:48 PM	0.2	1.9	---	-0.7	2.4
10/20/2020 4:54 PM	0.2	1.9	---	-0.7	2.4
10/20/2020 5:00 PM	0.2	2.0	---	-0.7	2.4
10/20/2020 5:06 PM	0.2	2.0	---	-0.7	2.4
10/20/2020 5:12 PM	0.2	2.0	---	-0.7	2.4
10/20/2020 5:18 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:24 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:30 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:36 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:42 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:48 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 5:54 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 6:00 PM	0.2	2.0	---	-0.7	2.3
10/20/2020 6:06 PM	0.2	2.1	---	-0.7	2.3
10/20/2020 6:12 PM	0.2	2.1	---	-0.7	2.3
10/20/2020 6:18 PM	0.2	2.1	---	-0.7	2.3
10/20/2020 6:24 PM	0.2	2.0	---	-0.7	2.2
10/20/2020 6:30 PM	0.2	2.0	---	-0.7	2.2
10/20/2020 6:36 PM	0.4	2.0	---	-0.7	2.2
10/20/2020 6:42 PM	0.6	1.9	---	-0.7	2.3
10/20/2020 6:48 PM	0.6	1.8	---	-0.7	2.3
10/20/2020 6:54 PM	0.5	1.8	---	-0.7	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/20/2020 7:00 PM	0.4	1.8	---	-0.7	2.3
10/20/2020 7:06 PM	0.4	1.9	---	-0.7	2.3
10/20/2020 7:12 PM	0.3	1.9	---	-0.7	2.3
10/20/2020 7:18 PM	0.2	1.9	---	-0.7	2.3
10/20/2020 7:24 PM	0.2	1.9	---	-0.6	2.4
10/20/2020 7:30 PM	0.1	1.9	---	-0.6	2.4
10/20/2020 7:36 PM	0.1	2.0	---	-0.6	2.4
10/20/2020 7:42 PM	0.1	2.0	---	-0.6	2.4
10/20/2020 7:48 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 7:54 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 8:00 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 8:06 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 8:12 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 8:18 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 8:24 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 8:30 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 8:36 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 8:42 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 8:48 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 8:54 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 9:00 PM	0.0	2.0	---	-0.6	2.4
10/20/2020 9:06 PM	0.0	2.0	---	-0.6	2.3
10/20/2020 9:12 PM	0.0	2.0	---	-0.6	2.2
10/20/2020 9:18 PM	0.1	2.0	---	-0.6	2.3
10/20/2020 9:24 PM	0.1	2.1	---	-0.6	2.4
10/20/2020 9:30 PM	0.1	2.1	---	-0.6	2.4
10/20/2020 9:36 PM	0.1	2.1	---	-0.6	2.5
10/20/2020 9:42 PM	0.1	2.2	---	-0.6	2.5
10/20/2020 9:48 PM	0.2	2.2	---	-0.6	2.5
10/20/2020 9:54 PM	0.1	2.3	---	-0.6	2.4
10/20/2020 10:00 PM	0.1	2.4	---	-0.6	2.5
10/20/2020 10:06 PM	0.1	2.4	---	-0.6	2.5
10/20/2020 10:12 PM	0.1	2.5	---	-0.6	2.5
10/20/2020 10:18 PM	0.1	2.5	---	-0.6	2.5
10/20/2020 10:24 PM	0.2	2.5	---	-0.6	2.5
10/20/2020 10:30 PM	0.2	2.5	---	-0.6	2.5
10/20/2020 10:36 PM	0.2	2.6	---	-0.6	2.5
10/20/2020 10:42 PM	0.2	2.6	---	-0.6	2.5
10/20/2020 10:48 PM	0.1	2.6	---	-0.6	2.5
10/20/2020 10:54 PM	0.2	2.6	---	-0.6	2.5
10/20/2020 11:00 PM	0.2	2.6	---	-0.6	2.5
10/20/2020 11:06 PM	0.1	2.6	---	-0.6	2.5
10/20/2020 11:12 PM	0.1	2.6	---	-0.6	2.5
10/20/2020 11:18 PM	0.1	2.6	---	-0.6	2.5
10/20/2020 11:24 PM	0.1	2.6	---	-0.6	2.4
10/20/2020 11:30 PM	0.1	2.6	---	-0.6	2.4
10/20/2020 11:36 PM	0.2	2.6	---	-0.6	2.4
10/20/2020 11:42 PM	0.2	2.6	---	-0.6	2.4
10/20/2020 11:48 PM	0.2	2.6	---	-0.6	2.4
10/20/2020 11:54 PM	0.2	2.6	---	-0.6	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/21/2020 12:00 AM	0.2	2.6	---	-0.6	2.3
10/21/2020 12:06 AM	0.2	2.6	---	-0.6	2.4
10/21/2020 12:12 AM	0.2	2.6	---	-0.6	2.4
10/21/2020 12:18 AM	0.1	2.6	---	-0.6	2.3
10/21/2020 12:24 AM	0.2	2.6	---	-0.6	2.3
10/21/2020 12:30 AM	0.2	2.6	---	-0.6	2.2
10/21/2020 12:36 AM	0.4	2.6	---	-0.6	1.6
10/21/2020 12:42 AM	0.4	2.6	---	-0.6	0.3
10/21/2020 12:48 AM	0.2	2.5	---	-0.6	-0.1
10/21/2020 12:54 AM	0.2	2.5	---	-0.6	-0.1
10/21/2020 1:00 AM	0.2	2.5	---	-0.6	-0.1
10/21/2020 1:06 AM	0.1	2.5	---	-0.6	-0.1
10/21/2020 1:12 AM	0.1	2.5	---	-0.6	-0.1
10/21/2020 1:18 AM	0.1	2.5	---	-0.6	-0.1
10/21/2020 1:24 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 1:30 AM	0.1	2.4	---	-0.6	0.0
10/21/2020 1:36 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 1:42 AM	0.1	2.3	---	-0.6	-0.1
10/21/2020 1:48 AM	0.0	2.3	---	-0.6	0.0
10/21/2020 1:54 AM	0.0	2.2	---	-0.6	0.0
10/21/2020 2:00 AM	0.1	2.1	---	-0.6	0.0
10/21/2020 2:06 AM	0.1	2.1	---	-0.6	0.0
10/21/2020 2:12 AM	0.1	2.0	---	-0.6	-0.1
10/21/2020 2:18 AM	0.0	2.0	---	-0.6	0.0
10/21/2020 2:24 AM	0.0	2.0	---	-0.6	0.0
10/21/2020 2:30 AM	0.0	2.0	---	-0.6	-0.1
10/21/2020 2:36 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 2:42 AM	-0.1	1.9	---	-0.6	0.0
10/21/2020 2:48 AM	-0.1	1.9	---	-0.6	0.0
10/21/2020 2:54 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 3:00 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 3:06 AM	-0.1	1.9	---	-0.6	0.0
10/21/2020 3:12 AM	-0.1	1.9	---	-0.6	0.0
10/21/2020 3:18 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 3:24 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 3:30 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 3:36 AM	0.0	2.0	---	-0.6	-0.1
10/21/2020 3:42 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 3:48 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 3:54 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:00 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:06 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:12 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:18 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:24 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:30 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:36 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 4:42 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 4:48 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 4:54 AM	0.0	1.9	---	-0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/21/2020 5:00 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 5:06 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 5:12 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 5:18 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 5:24 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 5:30 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 5:36 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 5:42 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 5:48 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 5:54 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 6:00 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 6:06 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 6:12 AM	-0.1	1.8	---	-0.6	-0.1
10/21/2020 6:18 AM	0.0	1.8	---	-0.6	-0.1
10/21/2020 6:24 AM	0.0	1.8	---	-0.6	-0.1
10/21/2020 6:30 AM	0.0	1.8	---	-0.6	-0.1
10/21/2020 6:36 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 6:42 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 6:48 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 6:54 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 7:00 AM	0.0	1.9	---	-0.6	-0.1
10/21/2020 7:06 AM	-0.1	1.9	---	-0.6	-0.1
10/21/2020 7:12 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 7:18 AM	0.0	2.0	---	-0.6	-0.1
10/21/2020 7:24 AM	0.0	2.0	---	-0.6	-0.1
10/21/2020 7:30 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 7:36 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 7:42 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 7:48 AM	-0.1	2.0	---	-0.6	-0.1
10/21/2020 7:54 AM	-0.1	2.1	---	-0.6	-0.1
10/21/2020 8:00 AM	-0.1	2.1	---	-0.6	-0.1
10/21/2020 8:06 AM	-0.1	2.1	---	-0.6	-0.1
10/21/2020 8:12 AM	0.0	2.1	---	-0.6	-0.1
10/21/2020 8:18 AM	0.0	2.1	---	-0.6	-0.1
10/21/2020 8:24 AM	-0.1	2.1	---	-0.6	-0.1
10/21/2020 8:30 AM	-0.1	2.1	---	-0.6	-0.1
10/21/2020 8:36 AM	0.0	2.1	---	-0.6	-0.1
10/21/2020 8:42 AM	0.0	2.1	---	-0.6	-0.1
10/21/2020 8:48 AM	0.0	2.2	---	-0.6	-0.1
10/21/2020 8:54 AM	0.0	2.2	---	-0.6	-0.1
10/21/2020 9:00 AM	0.0	2.3	---	-0.6	-0.1
10/21/2020 9:06 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:12 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:18 AM	0.0	2.5	---	-0.6	-0.1
10/21/2020 9:24 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:30 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:36 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:42 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 9:48 AM	-0.1	2.4	---	-0.6	-0.1
10/21/2020 9:54 AM	-0.1	2.5	---	-0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/21/2020 10:00 AM	-0.1	2.5	---	-0.6	-0.1
10/21/2020 10:06 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 10:12 AM	0.0	2.4	---	-0.6	-0.1
10/21/2020 10:18 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 10:24 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 10:30 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 10:36 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 10:42 AM	0.1	2.4	---	-0.6	-0.1
10/21/2020 10:48 AM	0.2	2.4	---	-0.6	-0.1
10/21/2020 10:54 AM	0.2	2.4	---	-0.6	-0.1
10/21/2020 11:00 AM	0.2	2.4	---	-0.6	-0.1
10/21/2020 11:06 AM	0.2	2.4	---	-0.6	-0.1
10/21/2020 11:12 AM	0.2	2.3	---	-0.6	-0.1
10/21/2020 11:18 AM	0.2	2.2	---	-0.6	-0.1
10/21/2020 11:24 AM	0.2	2.2	---	2.5	-0.1
10/21/2020 11:30 AM	0.2	2.1	---	13.2	-0.1
10/21/2020 11:36 AM	0.2	2.1	---	10.8	-0.1
10/21/2020 11:42 AM	0.2	2.2	---	5.7	-0.1
10/21/2020 11:48 AM	0.3	2.2	---	4.2	-0.1
10/21/2020 11:54 AM	0.3	2.2	---	4.3	-0.1
10/21/2020 12:00 PM	0.3	2.1	---	3.6	-0.1
10/21/2020 12:06 PM	0.3	2.0	---	1.8	-0.1
10/21/2020 12:12 PM	0.3	2.0	---	1.7	-0.1
10/21/2020 12:18 PM	0.4	2.0	---	1.5	-0.1
10/21/2020 12:24 PM	0.3	2.0	---	1.5	-0.1
10/21/2020 12:30 PM	0.3	2.0	---	1.5	-0.1
10/21/2020 12:36 PM	0.3	2.1	---	1.7	-0.1
10/21/2020 12:42 PM	0.3	2.1	---	1.9	-0.1
10/21/2020 12:48 PM	0.3	2.1	---	1.9	-0.1
10/21/2020 12:54 PM	0.3	2.2	---	2.0	-0.1
10/21/2020 1:00 PM	0.3	2.2	---	2.0	-0.1
10/21/2020 1:06 PM	0.3	2.2	---	2.1	-0.1
10/21/2020 1:12 PM	0.3	2.3	---	2.0	-0.1
10/21/2020 1:18 PM	0.3	2.3	---	1.9	-0.1
10/21/2020 1:24 PM	0.3	2.3	---	1.6	-0.1
10/21/2020 1:30 PM	0.3	2.3	---	1.4	-0.1
10/21/2020 1:36 PM	0.3	2.2	---	1.3	-0.1
10/21/2020 1:42 PM	0.3	2.0	---	1.2	-0.1
10/21/2020 1:48 PM	0.3	1.5	---	1.1	-0.1
10/21/2020 1:54 PM	0.3	0.9	---	0.9	-0.1
10/21/2020 2:00 PM	0.3	0.6	---	0.9	-0.1
10/21/2020 2:06 PM	0.3	0.4	---	0.8	-0.1
10/21/2020 2:12 PM	0.3	0.3	---	0.8	-0.1
10/21/2020 2:18 PM	0.3	0.2	---	0.8	-0.1
10/21/2020 2:24 PM	0.3	0.2	---	0.7	-0.1
10/21/2020 2:30 PM	0.3	0.1	---	0.7	-0.1
10/21/2020 2:36 PM	0.3	0.1	---	0.7	-0.1
10/21/2020 2:42 PM	0.4	0.2	---	0.7	-0.1
10/21/2020 2:48 PM	0.4	0.3	---	0.7	-0.1
10/21/2020 2:54 PM	0.4	0.4	---	0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/21/2020 3:00 PM	0.4	0.6	---	0.7	-0.1
10/21/2020 3:06 PM	0.4	0.8	---	0.6	-0.1
10/21/2020 3:12 PM	0.4	0.9	---	0.6	-0.1
10/21/2020 3:18 PM	0.4	1.1	---	0.6	-0.1
10/21/2020 3:24 PM	0.4	1.2	---	0.6	-0.1
10/21/2020 3:30 PM	0.4	1.3	---	0.6	-0.1
10/21/2020 3:36 PM	0.4	1.3	---	0.5	-0.1
10/21/2020 3:42 PM	0.4	1.3	---	0.6	-0.1
10/21/2020 3:48 PM	0.4	1.3	---	0.6	-0.1
10/21/2020 3:54 PM	0.4	1.2	---	0.6	-0.1
10/21/2020 4:00 PM	0.4	1.2	---	0.6	-0.1
10/21/2020 4:06 PM	0.4	1.1	---	0.6	-0.1
10/21/2020 4:12 PM	0.4	1.2	---	0.7	-0.1
10/21/2020 4:18 PM	0.4	1.4	---	0.6	-0.1
10/21/2020 4:24 PM	0.4	1.6	---	-0.2	-0.1
10/21/2020 4:30 PM	0.3	1.9	---	-0.9	-0.1
10/21/2020 4:36 PM	0.3	2.1	---	-0.9	-0.1
10/21/2020 4:42 PM	0.3	2.2	---	-0.9	-0.1
10/21/2020 4:48 PM	0.3	2.4	---	-0.9	-0.1
10/21/2020 4:54 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 5:00 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 5:06 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 5:12 PM	0.5	2.6	---	-0.9	-0.1
10/21/2020 5:18 PM	0.7	2.7	---	-0.9	-0.1
10/21/2020 5:24 PM	0.4	2.7	---	-0.9	-0.1
10/21/2020 5:30 PM	0.3	2.7	---	-0.9	-0.1
10/21/2020 5:36 PM	0.2	2.7	---	-0.9	-0.1
10/21/2020 5:42 PM	0.3	2.7	---	-0.9	-0.1
10/21/2020 5:48 PM	0.4	2.7	---	-0.9	-0.1
10/21/2020 5:54 PM	0.4	2.7	---	-0.9	-0.1
10/21/2020 6:00 PM	0.4	2.7	---	-0.9	-0.1
10/21/2020 6:06 PM	0.3	2.7	---	-0.9	-0.1
10/21/2020 6:12 PM	0.2	2.7	---	-0.9	-0.1
10/21/2020 6:18 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 6:24 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 6:30 PM	0.2	2.6	---	-0.9	-0.1
10/21/2020 6:36 PM	0.2	2.6	---	-0.9	-0.1
10/21/2020 6:42 PM	0.2	2.5	---	-0.9	-0.1
10/21/2020 6:48 PM	0.2	2.5	---	-0.9	-0.1
10/21/2020 6:54 PM	0.2	2.5	---	-0.9	-0.1
10/21/2020 7:00 PM	0.2	2.5	---	-0.9	-0.1
10/21/2020 7:06 PM	0.2	2.5	---	-0.9	-0.1
10/21/2020 7:12 PM	0.2	2.6	---	-0.9	-0.1
10/21/2020 7:18 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:24 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:30 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:36 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:42 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:48 PM	0.1	2.6	---	-0.9	-0.1
10/21/2020 7:54 PM	0.1	2.6	---	-0.9	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/21/2020 8:00 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:06 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:12 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:18 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:24 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:30 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:36 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 8:42 PM	0.2	2.7	---	-0.9	-0.1
10/21/2020 8:48 PM	0.2	2.7	---	-0.9	-0.1
10/21/2020 8:54 PM	0.1	2.7	---	-0.9	-0.1
10/21/2020 9:00 PM	0.2	2.7	---	-0.9	-0.1
10/21/2020 9:06 PM	0.2	2.6	---	-0.9	-0.1
10/21/2020 9:12 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 9:18 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 9:24 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 9:30 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 9:36 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 9:42 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 9:48 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 9:54 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 10:00 PM	0.3	2.5	---	-0.9	-0.1
10/21/2020 10:06 PM	0.3	2.6	---	-0.9	-0.1
10/21/2020 10:12 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:18 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:24 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:30 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:36 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:42 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:48 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 10:54 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 11:00 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 11:06 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 11:12 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 11:18 PM	0.4	2.6	---	-0.9	-0.1
10/21/2020 11:24 PM	0.4	2.5	---	-0.9	-0.1
10/21/2020 11:30 PM	0.4	2.4	---	-0.9	-0.1
10/21/2020 11:36 PM	0.4	2.4	---	-0.9	-0.1
10/21/2020 11:42 PM	0.4	2.3	---	-0.9	-0.1
10/21/2020 11:48 PM	0.5	2.3	---	-0.9	-0.1
10/21/2020 11:54 PM	0.5	2.3	---	-0.9	-0.1
10/22/2020 12:00 AM	0.4	2.4	---	-0.9	-0.1
10/22/2020 12:06 AM	0.3	2.4	---	-0.9	-0.1
10/22/2020 12:12 AM	0.3	2.4	---	-0.9	-0.1
10/22/2020 12:18 AM	0.3	2.4	---	-0.9	-0.1
10/22/2020 12:24 AM	0.3	2.5	---	-0.9	-0.1
10/22/2020 12:30 AM	0.2	2.5	---	-0.9	-0.1
10/22/2020 12:36 AM	0.2	2.5	---	-0.9	-0.1
10/22/2020 12:42 AM	0.3	2.4	---	-0.9	-0.1
10/22/2020 12:48 AM	0.3	2.4	---	-0.9	-0.1
10/22/2020 12:54 AM	0.4	2.3	---	-0.9	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/22/2020 1:00 AM	0.5	2.3	---	-0.9	-0.1
10/22/2020 1:06 AM	0.5	2.3	---	-0.9	-0.1
10/22/2020 1:12 AM	0.6	2.3	---	-0.9	-0.1
10/22/2020 1:18 AM	0.6	2.4	---	-0.9	-0.1
10/22/2020 1:24 AM	0.6	2.4	---	-0.9	-0.1
10/22/2020 1:30 AM	0.6	2.4	---	-0.9	-0.1
10/22/2020 1:36 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 1:42 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 1:48 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 1:54 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:00 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:06 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:12 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:18 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:24 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:30 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:36 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:42 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:48 AM	0.7	2.5	---	-0.9	-0.1
10/22/2020 2:54 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 3:00 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 3:06 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 3:12 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 3:18 AM	0.7	2.4	---	-0.9	-0.1
10/22/2020 3:24 AM	0.7	2.3	---	-0.9	-0.1
10/22/2020 3:30 AM	0.7	2.3	---	-0.9	-0.1
10/22/2020 3:36 AM	0.6	2.3	---	-0.9	-0.1
10/22/2020 3:42 AM	0.7	2.3	---	-0.9	-0.1
10/22/2020 3:48 AM	0.7	2.3	---	-0.9	-0.1
10/22/2020 3:54 AM	0.6	2.3	---	-0.9	-0.1
10/22/2020 4:00 AM	0.6	2.3	---	-0.9	-0.1
10/22/2020 4:06 AM	0.6	2.3	---	-0.9	-0.1
10/22/2020 4:12 AM	0.6	2.2	---	-0.9	-0.1
10/22/2020 4:18 AM	0.2	2.2	---	-0.9	-0.1
10/22/2020 4:24 AM	0.1	2.2	---	-0.9	-0.1
10/22/2020 4:30 AM	0.1	2.1	---	-0.9	-0.1
10/22/2020 4:36 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 4:42 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 4:48 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 4:54 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:00 AM	0.3	2.1	---	-0.9	-0.1
10/22/2020 5:06 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:12 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:18 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:24 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:30 AM	0.2	2.1	---	-0.9	-0.1
10/22/2020 5:36 AM	0.2	2.0	---	-0.9	-0.1
10/22/2020 5:42 AM	0.2	2.0	---	-0.8	-0.1
10/22/2020 5:48 AM	0.2	2.0	---	-0.8	-0.1
10/22/2020 5:54 AM	0.2	2.0	---	-0.8	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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4th Quarter 2020

Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/22/2020 6:00 AM	0.2	2.0	---	-0.8	-0.1
10/22/2020 6:06 AM	0.2	2.1	---	-0.8	-0.1
10/22/2020 6:12 AM	0.2	2.1	---	-0.8	0.0
10/22/2020 6:18 AM	0.2	2.2	---	-0.8	0.0
10/22/2020 6:24 AM	0.2	2.3	---	-0.8	0.0
10/22/2020 6:30 AM	0.3	2.4	---	-0.8	0.0
10/22/2020 6:36 AM	0.4	2.4	---	-0.8	0.0
10/22/2020 6:42 AM	0.4	2.4	---	-0.8	0.0
10/22/2020 6:48 AM	0.5	2.5	---	-0.8	0.0
10/22/2020 6:54 AM	0.5	2.5	---	-0.8	0.0
10/22/2020 7:00 AM	0.6	2.5	---	-0.8	0.0
10/22/2020 7:06 AM	0.6	2.6	---	-0.8	0.0
10/22/2020 7:12 AM	0.6	2.6	---	-0.8	0.0
10/22/2020 7:18 AM	0.6	2.7	---	-0.8	0.0
10/22/2020 7:24 AM	0.6	2.7	---	-0.8	0.0
10/22/2020 7:30 AM	0.6	2.7	---	-0.8	0.0
10/22/2020 7:36 AM	0.4	2.7	---	-0.8	-0.1
10/22/2020 7:42 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 7:48 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 7:54 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 8:00 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:06 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:12 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:18 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:24 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:30 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:36 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:42 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:48 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 8:54 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 9:00 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 9:06 AM	0.2	2.7	---	-0.8	-0.1
10/22/2020 9:12 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:18 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:24 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:30 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:36 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:42 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:48 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 9:54 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:00 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:06 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:12 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:18 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:24 AM	0.3	2.7	---	-0.8	-0.1
10/22/2020 10:30 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 10:36 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 10:42 AM	0.4	2.9	---	-0.8	-0.1
10/22/2020 10:48 AM	0.4	2.9	---	-0.8	-0.1
10/22/2020 10:54 AM	0.4	2.9	---	-0.8	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/22/2020 11:00 AM	0.4	2.9	---	-0.8	-0.1
10/22/2020 11:06 AM	0.3	2.9	---	-0.8	-0.1
10/22/2020 11:12 AM	0.3	2.9	---	-0.8	-0.1
10/22/2020 11:18 AM	0.3	2.9	---	-0.8	-0.1
10/22/2020 11:24 AM	0.4	2.9	---	-0.8	-0.1
10/22/2020 11:30 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 11:36 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 11:42 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 11:48 AM	0.4	2.8	---	-0.8	-0.1
10/22/2020 11:54 AM	0.4	2.7	---	-0.8	-0.1
10/22/2020 12:00 PM	0.3	2.7	---	-0.8	-0.1
10/22/2020 12:06 PM	0.3	2.7	---	-0.8	-0.1
10/22/2020 12:12 PM	0.3	2.7	---	-0.8	-0.1
10/22/2020 12:18 PM	<Samp	<Samp	---	<Samp	<Samp
10/22/2020 12:24 PM	Maintain	Maintain	---	Maintain	Maintain
10/22/2020 12:30 PM	<Samp	<Samp	---	<Samp	<Samp
10/22/2020 12:36 PM	0.3	2.9	---	-0.8	-0.1
10/22/2020 12:42 PM	0.3	2.9	---	-0.8	-0.1
10/22/2020 12:48 PM	0.3	2.9	---	-0.8	-0.1
10/22/2020 12:54 PM	0.3	2.9	---	-0.8	-0.1
10/22/2020 1:00 PM	0.3	2.9	---	-0.8	-0.1
10/22/2020 1:06 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 1:12 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 1:18 PM	0.2	2.8	---	-0.8	-0.1
10/22/2020 1:24 PM	0.2	2.8	---	-0.8	-0.1
10/22/2020 1:30 PM	0.2	2.8	---	-0.8	-0.1
10/22/2020 1:36 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 1:42 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 1:48 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 1:54 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 2:00 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 2:06 PM	0.3	2.8	---	-0.8	-0.1
10/22/2020 2:12 PM	0.3	2.7	---	-0.8	-0.1
10/22/2020 2:18 PM	0.3	2.7	---	-0.8	-0.1
10/22/2020 2:24 PM	0.3	2.6	---	-0.8	-0.1
10/22/2020 2:30 PM	0.3	2.6	---	-0.8	-0.1
10/22/2020 2:36 PM	0.3	2.6	---	-0.8	-0.1
10/22/2020 2:42 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 2:48 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 2:54 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:00 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:06 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:12 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:18 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:24 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:30 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:36 PM	0.3	2.5	---	-0.8	-0.1
10/22/2020 3:42 PM	0.2	2.5	---	-0.8	-0.1
10/22/2020 3:48 PM	0.2	2.5	---	-0.8	-0.1
10/22/2020 3:54 PM	0.2	2.5	---	-0.8	-0.1

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/22/2020 4:00 PM	0.2	2.5	---	-0.8	-0.1
10/22/2020 4:06 PM	0.2	2.5	---	-0.8	-0.1
10/22/2020 4:12 PM	0.2	2.5	---	-0.8	11.0
10/22/2020 4:18 PM	0.5	2.5	---	-0.8	16.3
10/22/2020 4:24 PM	0.8	2.5	---	-0.8	9.0
10/22/2020 4:30 PM	0.8	2.5	---	-0.8	6.0
10/22/2020 4:36 PM	0.7	2.4	---	-0.8	5.6
10/22/2020 4:42 PM	0.6	2.4	---	-0.7	5.8
10/22/2020 4:48 PM	0.5	2.4	---	-0.7	5.8
10/22/2020 4:54 PM	0.5	2.4	---	-0.7	5.3
10/22/2020 5:00 PM	0.4	2.4	---	-0.8	4.6
10/22/2020 5:06 PM	0.4	2.4	---	-0.8	4.0
10/22/2020 5:12 PM	0.3	2.4	---	-0.8	3.5
10/22/2020 5:18 PM	0.2	2.4	---	-0.8	3.2
10/22/2020 5:24 PM	0.2	2.3	---	-0.8	3.0
10/22/2020 5:30 PM	0.2	2.3	---	-0.8	2.9
10/22/2020 5:36 PM	0.2	2.3	---	-0.8	2.8
10/22/2020 5:42 PM	0.2	2.3	---	-0.8	2.7
10/22/2020 5:48 PM	0.2	2.3	---	-0.7	2.7
10/22/2020 5:54 PM	0.3	2.3	---	-0.7	2.6
10/22/2020 6:00 PM	0.3	2.3	---	-0.7	2.6
10/22/2020 6:06 PM	0.3	2.3	---	-0.7	2.6
10/22/2020 6:12 PM	0.3	2.4	---	-0.7	2.6
10/22/2020 6:18 PM	0.3	2.4	---	-0.7	2.5
10/22/2020 6:24 PM	0.3	2.4	---	-0.7	2.5
10/22/2020 6:30 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 6:36 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 6:42 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 6:48 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 6:54 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 7:00 PM	0.3	2.4	---	-0.7	2.4
10/22/2020 7:06 PM	0.3	2.3	---	-0.7	2.3
10/22/2020 7:12 PM	0.3	2.3	---	-0.7	2.4
10/22/2020 7:18 PM	0.3	2.3	---	-0.7	2.4
10/22/2020 7:24 PM	0.3	2.3	---	-0.7	2.4
10/22/2020 7:30 PM	0.3	2.3	---	-0.7	2.4
10/22/2020 7:36 PM	0.3	2.3	---	-0.7	2.5
10/22/2020 7:42 PM	0.3	2.3	---	-0.7	2.4
10/22/2020 7:48 PM	0.3	2.2	---	-0.7	2.4
10/22/2020 7:54 PM	0.3	2.2	---	-0.7	2.4
10/22/2020 8:00 PM	0.3	2.2	---	-0.7	2.5
10/22/2020 8:06 PM	0.3	2.2	---	-0.7	2.5
10/22/2020 8:12 PM	0.3	2.2	---	-0.7	2.5
10/22/2020 8:18 PM	0.3	2.2	---	-0.7	2.5
10/22/2020 8:24 PM	0.3	2.2	---	-0.7	2.6
10/22/2020 8:30 PM	0.2	2.2	---	-0.7	2.5
10/22/2020 8:36 PM	0.2	2.2	---	-0.7	2.5
10/22/2020 8:42 PM	0.2	2.2	---	-0.7	2.5
10/22/2020 8:48 PM	0.2	2.2	---	-0.7	2.5
10/22/2020 8:54 PM	0.3	2.3	---	-0.7	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/22/2020 9:00 PM	0.2	2.3	---	-0.7	2.4
10/22/2020 9:06 PM	0.2	2.4	---	-0.7	2.4
10/22/2020 9:12 PM	0.2	2.5	---	-0.7	2.3
10/22/2020 9:18 PM	0.2	2.5	---	-0.7	2.4
10/22/2020 9:24 PM	0.2	2.6	---	-0.7	2.3
10/22/2020 9:30 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 9:36 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 9:42 PM	0.2	2.7	---	-0.7	2.1
10/22/2020 9:48 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 9:54 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 10:00 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:06 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:12 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:18 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:24 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:30 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:36 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:42 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:48 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 10:54 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 11:00 PM	0.3	2.7	---	-0.7	2.3
10/22/2020 11:06 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 11:12 PM	0.2	2.7	---	-0.7	2.2
10/22/2020 11:18 PM	0.2	2.7	---	-0.7	2.3
10/22/2020 11:24 PM	0.3	2.8	---	-0.7	2.4
10/22/2020 11:30 PM	0.3	2.8	---	-0.7	2.3
10/22/2020 11:36 PM	0.0	2.8	---	-0.7	3.0
10/22/2020 11:42 PM	-0.4	2.8	---	-0.7	3.2
10/22/2020 11:48 PM	-0.6	2.8	---	-0.7	3.0
10/22/2020 11:54 PM	-0.6	2.8	---	-0.7	2.9
10/23/2020 12:00 AM	-0.6	2.8	---	-0.7	2.9
10/23/2020 12:06 AM	-0.6	2.8	---	-0.7	3.0
10/23/2020 12:12 AM	-0.6	2.8	---	-0.7	3.0
10/23/2020 12:18 AM	-0.6	2.8	---	-0.7	2.9
10/23/2020 12:24 AM	-0.6	2.8	---	-0.7	2.9
10/23/2020 12:30 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 12:36 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 12:42 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 12:48 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 12:54 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 1:00 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 1:06 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 1:12 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 1:18 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 1:24 AM	-0.6	2.8	---	-0.7	2.7
10/23/2020 1:30 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 1:36 AM	-0.6	2.8	---	-0.7	2.8
10/23/2020 1:42 AM	-0.6	2.8	---	-0.7	2.9
10/23/2020 1:48 AM	-0.6	2.8	---	-0.7	2.9
10/23/2020 1:54 AM	-0.6	2.8	---	-0.7	2.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/23/2020 2:00 AM	-0.6	2.7	---	-0.7	2.8
10/23/2020 2:06 AM	-0.6	2.7	---	-0.7	2.8
10/23/2020 2:12 AM	-0.6	2.7	---	-0.7	2.8
10/23/2020 2:18 AM	-0.6	2.7	---	-0.7	2.8
10/23/2020 2:24 AM	-0.6	2.7	---	-0.7	2.8
10/23/2020 2:30 AM	-0.6	2.7	---	-0.7	2.7
10/23/2020 2:36 AM	-0.6	2.7	---	-0.7	2.7
10/23/2020 2:42 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 2:48 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 2:54 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:00 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:06 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:12 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:18 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:24 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 3:30 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 3:36 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:42 AM	-0.6	2.7	---	-0.7	2.6
10/23/2020 3:48 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 3:54 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 4:00 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 4:06 AM	-0.6	2.7	---	-0.7	2.5
10/23/2020 4:12 AM	-0.6	2.7	---	-0.6	2.5
10/23/2020 4:18 AM	-0.6	2.7	---	-0.6	2.5
10/23/2020 4:24 AM	-0.6	2.7	---	-0.6	2.6
10/23/2020 4:30 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 4:36 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 4:42 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 4:48 AM	-0.6	2.8	---	-0.6	2.7
10/23/2020 4:54 AM	-0.6	2.8	---	-0.6	2.7
10/23/2020 5:00 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 5:06 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 5:12 AM	-0.6	2.8	---	-0.6	2.6
10/23/2020 5:18 AM	-0.6	2.8	---	-0.6	2.7
10/23/2020 5:24 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 5:30 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 5:36 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 5:42 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 5:48 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 5:54 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 6:00 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 6:06 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 6:12 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 6:18 AM	-0.6	2.9	---	-0.7	2.6
10/23/2020 6:24 AM	-0.6	2.9	---	-0.6	2.6
10/23/2020 6:30 AM	-0.6	2.9	---	-0.7	2.5
10/23/2020 6:36 AM	-0.6	2.9	---	-0.7	0.9
10/23/2020 6:42 AM	-0.6	2.9	---	-0.7	-0.1
10/23/2020 6:48 AM	-0.6	2.9	---	-0.7	-0.1
10/23/2020 6:54 AM	-0.6	2.9	---	-0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/23/2020 7:00 AM	-0.6	2.8	---	-0.6	-0.1
10/23/2020 7:06 AM	-0.6	2.8	---	-0.6	-0.1
10/23/2020 7:12 AM	-0.6	2.8	---	-0.6	-0.1
10/23/2020 7:18 AM	-0.6	2.8	---	-0.6	-0.1
10/23/2020 7:24 AM	-0.6	2.7	---	-0.6	-0.1
10/23/2020 7:30 AM	-0.6	2.7	---	-0.6	-0.1
10/23/2020 7:36 AM	-0.6	2.6	---	-0.6	-0.1
10/23/2020 7:42 AM	-0.6	2.6	---	-0.6	-0.1
10/23/2020 7:48 AM	-0.6	2.6	---	-0.6	-0.1
10/23/2020 7:54 AM	-0.6	2.5	---	-0.6	-0.1
10/23/2020 8:00 AM	-0.6	2.5	---	-0.6	-0.1
10/23/2020 8:06 AM	-0.6	2.4	---	-0.7	-0.1
10/23/2020 8:12 AM	-0.6	2.4	---	6.7	-0.1
10/23/2020 8:18 AM	-0.6	2.4	---	12.5	-0.1
10/23/2020 8:24 AM	-0.6	2.3	---	4.4	-0.1
10/23/2020 8:30 AM	-0.6	2.3	---	0.5	-0.1
10/23/2020 8:36 AM	-0.6	2.3	---	0.2	-0.1
10/23/2020 8:42 AM	-0.6	2.3	---	-0.1	-0.1
10/23/2020 8:48 AM	-0.6	2.3	---	-0.3	-0.1
10/23/2020 8:54 AM	-0.6	2.3	---	-0.4	-0.1
10/23/2020 9:00 AM	-0.6	2.3	---	-0.4	-0.1
10/23/2020 9:06 AM	-0.6	2.3	---	-0.5	-0.1
10/23/2020 9:12 AM	-0.6	2.3	---	-0.5	-0.1
10/23/2020 9:18 AM	-0.6	2.3	---	-0.5	-0.1
10/23/2020 9:24 AM	-0.6	2.4	---	-0.5	-0.2
10/23/2020 9:30 AM	1.4	2.4	---	-0.6	-0.1
10/23/2020 9:36 AM	2.0	2.5	---	-0.6	-0.1
10/23/2020 9:42 AM	0.4	2.6	---	-0.6	-0.2
10/23/2020 9:48 AM	0.2	2.6	---	-0.6	-0.2
10/23/2020 9:54 AM	-0.1	2.7	---	-0.7	-0.2
10/23/2020 10:00 AM	-0.3	2.7	---	-0.7	-0.1
10/23/2020 10:06 AM	-0.4	2.7	---	-0.7	5.3
10/23/2020 10:12 AM	-0.5	2.7	---	-0.7	5.3
10/23/2020 10:18 AM	-0.5	2.7	---	-0.7	3.8
10/23/2020 10:24 AM	-0.5	2.6	---	-0.7	3.2
10/23/2020 10:30 AM	-0.5	2.6	---	-0.7	2.9
10/23/2020 10:36 AM	-0.5	2.5	---	-0.7	2.7
10/23/2020 10:42 AM	-0.5	2.5	---	-0.7	2.6
10/23/2020 10:48 AM	-0.5	2.4	---	-0.7	2.6
10/23/2020 10:54 AM	-0.5	2.3	---	-0.7	2.5
10/23/2020 11:00 AM	-0.6	2.2	---	-0.7	2.4
10/23/2020 11:06 AM	2.1	2.2	---	-0.7	2.5
10/23/2020 11:12 AM	2.8	2.1	---	-0.6	2.6
10/23/2020 11:18 AM	-0.1	2.2	---	-0.6	2.6
10/23/2020 11:24 AM	-0.5	2.2	---	-0.7	2.7
10/23/2020 11:30 AM	-0.4	2.3	---	-0.7	2.7
10/23/2020 11:36 AM	-0.5	2.4	---	-0.7	2.6
10/23/2020 11:42 AM	-0.5	2.4	---	-0.7	2.6
10/23/2020 11:48 AM	-0.5	2.5	---	-0.7	2.6
10/23/2020 11:54 AM	-0.5	2.5	---	-0.7	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/23/2020 12:00 PM	-0.4	2.5	---	-0.7	2.5
10/23/2020 12:06 PM	-0.4	2.6	---	-0.6	2.5
10/23/2020 12:12 PM	-0.4	2.5	---	-0.6	2.6
10/23/2020 12:18 PM	-0.4	2.5	---	-0.6	2.6
10/23/2020 12:24 PM	-0.4	2.5	---	-0.6	2.7
10/23/2020 12:30 PM	-0.4	2.6	---	-0.6	2.7
10/23/2020 12:36 PM	-0.4	2.6	---	-0.6	2.7
10/23/2020 12:42 PM	-0.4	2.6	---	-0.7	2.7
10/23/2020 12:48 PM	-0.4	2.5	---	-0.7	2.7
10/23/2020 12:54 PM	-0.4	2.5	---	-0.7	2.7
10/23/2020 1:00 PM	-0.3	2.5	---	-0.6	2.6
10/23/2020 1:06 PM	-0.4	2.5	---	-0.6	2.6
10/23/2020 1:12 PM	-0.4	2.6	---	-0.6	2.6
10/23/2020 1:18 PM	-0.4	2.6	---	-0.6	2.6
10/23/2020 1:24 PM	-0.4	2.4	---	-0.6	2.5
10/23/2020 1:30 PM	-0.4	2.2	---	-0.6	2.5
10/23/2020 1:36 PM	-0.3	2.0	---	-0.6	2.5
10/23/2020 1:42 PM	-0.3	1.8	---	-0.6	2.5
10/23/2020 1:48 PM	-0.4	1.5	---	-0.6	2.6
10/23/2020 1:54 PM	-0.4	1.2	---	-0.6	2.6
10/23/2020 2:00 PM	-0.4	1.1	---	-0.6	2.6
10/23/2020 2:06 PM	-0.4	0.9	---	-0.6	2.5
10/23/2020 2:12 PM	-0.3	0.6	---	-0.6	2.5
10/23/2020 2:18 PM	-0.3	0.5	---	-0.6	2.5
10/23/2020 2:24 PM	-0.3	0.4	---	-0.6	2.4
10/23/2020 2:30 PM	-0.3	0.3	---	-0.6	2.4
10/23/2020 2:36 PM	-0.3	0.3	---	-0.6	2.4
10/23/2020 2:42 PM	-0.3	0.4	---	-0.6	2.5
10/23/2020 2:48 PM	-0.3	0.6	---	-0.6	2.5
10/23/2020 2:54 PM	-0.4	0.8	---	-0.6	2.5
10/23/2020 3:00 PM	-0.4	1.0	---	-0.6	2.4
10/23/2020 3:06 PM	-0.3	1.2	---	-0.6	2.4
10/23/2020 3:12 PM	-0.3	1.4	---	-0.6	2.4
10/23/2020 3:18 PM	-0.3	1.6	---	-0.6	2.4
10/23/2020 3:24 PM	-0.3	1.7	---	-0.6	2.4
10/23/2020 3:30 PM	-0.4	1.7	---	-0.6	2.3
10/23/2020 3:36 PM	-0.4	1.8	---	-0.6	2.2
10/23/2020 3:42 PM	-0.4	1.9	---	-0.6	2.1
10/23/2020 3:48 PM	-0.4	2.0	---	-0.6	2.1
10/23/2020 3:54 PM	-0.4	2.1	---	-0.6	2.1
10/23/2020 4:00 PM	-0.4	2.2	---	-0.6	2.1
10/23/2020 4:06 PM	-0.4	2.2	---	-0.6	2.1
10/23/2020 4:12 PM	-0.4	2.3	---	-0.6	2.2
10/23/2020 4:18 PM	-0.4	2.4	---	-0.6	2.2
10/23/2020 4:24 PM	-0.4	2.5	---	-0.6	2.2
10/23/2020 4:30 PM	-0.4	2.6	---	-0.6	2.2
10/23/2020 4:36 PM	-0.4	2.6	---	-0.6	2.2
10/23/2020 4:42 PM	-0.4	2.7	---	-0.6	2.2
10/23/2020 4:48 PM	-0.5	2.7	---	-0.6	2.2
10/23/2020 4:54 PM	-0.5	2.7	---	-0.6	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/23/2020 5:00 PM	-0.4	2.7	---	-0.6	2.1
10/23/2020 5:06 PM	-0.4	2.7	---	-0.6	2.1
10/23/2020 5:12 PM	-0.5	2.7	---	-0.6	2.1
10/23/2020 5:18 PM	-0.5	2.7	---	-0.6	2.1
10/23/2020 5:24 PM	-0.5	2.7	---	-0.6	2.1
10/23/2020 5:30 PM	-0.5	2.7	---	8.3	2.1
10/23/2020 5:36 PM	-0.5	2.6	---	16.7	2.1
10/23/2020 5:42 PM	-0.5	2.6	---	11.7	2.2
10/23/2020 5:48 PM	-0.5	2.6	---	6.8	2.2
10/23/2020 5:54 PM	-0.5	2.6	---	4.6	2.2
10/23/2020 6:00 PM	-0.5	2.6	---	4.8	2.1
10/23/2020 6:06 PM	-0.5	2.6	---	4.2	2.1
10/23/2020 6:12 PM	-0.5	2.6	---	3.1	2.1
10/23/2020 6:18 PM	-0.5	2.6	---	2.5	2.1
10/23/2020 6:24 PM	-0.5	2.6	---	2.2	2.2
10/23/2020 6:30 PM	-0.5	2.6	---	2.1	2.2
10/23/2020 6:36 PM	-0.5	2.6	---	2.1	2.2
10/23/2020 6:42 PM	-0.5	2.6	---	2.2	2.2
10/23/2020 6:48 PM	-0.5	2.6	---	2.2	2.2
10/23/2020 6:54 PM	-0.5	2.6	---	2.2	2.2
10/23/2020 7:00 PM	-0.5	2.6	---	2.1	2.1
10/23/2020 7:06 PM	-0.5	2.6	---	1.4	2.1
10/23/2020 7:12 PM	-0.5	2.6	---	0.9	2.2
10/23/2020 7:18 PM	-0.5	2.6	---	0.8	2.3
10/23/2020 7:24 PM	-0.5	2.6	---	0.7	2.2
10/23/2020 7:30 PM	-0.5	2.6	---	0.7	2.2
10/23/2020 7:36 PM	-0.5	2.6	---	0.7	2.2
10/23/2020 7:42 PM	-0.5	2.6	---	0.7	2.2
10/23/2020 7:48 PM	-0.5	2.6	---	0.6	2.2
10/23/2020 7:54 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:00 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:06 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:12 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:18 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:24 PM	-0.5	2.7	---	0.6	2.2
10/23/2020 8:30 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 8:36 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 8:42 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 8:48 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 8:54 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 9:00 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 9:06 PM	-0.5	2.9	---	0.5	2.2
10/23/2020 9:12 PM	-0.5	2.8	---	0.5	2.1
10/23/2020 9:18 PM	-0.5	2.8	---	0.5	2.2
10/23/2020 9:24 PM	-0.5	2.8	---	0.5	2.1
10/23/2020 9:30 PM	-0.5	2.8	---	0.4	2.0
10/23/2020 9:36 PM	-0.5	2.8	---	0.4	2.0
10/23/2020 9:42 PM	-0.5	2.8	---	0.4	2.0
10/23/2020 9:48 PM	-0.5	2.8	---	0.4	2.0
10/23/2020 9:54 PM	-0.5	2.8	---	0.4	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/23/2020 10:00 PM	-0.5	2.8	---	0.4	2.1
10/23/2020 10:06 PM	-0.5	2.8	---	0.4	2.1
10/23/2020 10:12 PM	-0.5	2.8	---	0.4	2.1
10/23/2020 10:18 PM	-0.5	2.8	---	0.5	2.1
10/23/2020 10:24 PM	-0.5	2.8	---	0.5	2.1
10/23/2020 10:30 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 10:36 PM	-0.5	2.7	---	0.5	2.0
10/23/2020 10:42 PM	-0.5	2.7	---	0.5	2.0
10/23/2020 10:48 PM	-0.5	2.7	---	0.5	2.0
10/23/2020 10:54 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 11:00 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 11:06 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 11:12 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 11:18 PM	-0.5	2.7	---	0.5	2.0
10/23/2020 11:24 PM	-0.5	2.7	---	0.6	2.0
10/23/2020 11:30 PM	-0.5	2.7	---	0.5	2.0
10/23/2020 11:36 PM	-0.5	2.7	---	0.5	2.1
10/23/2020 11:42 PM	-0.5	2.8	---	0.5	2.1
10/23/2020 11:48 PM	-0.5	2.8	---	0.5	2.0
10/23/2020 11:54 PM	-0.5	2.8	---	0.5	2.0
10/24/2020 12:00 AM	-0.5	2.8	---	1.7	1.5
10/24/2020 12:06 AM	-0.5	2.8	---	3.2	0.4
10/24/2020 12:12 AM	-0.5	2.8	---	3.1	-0.1
10/24/2020 12:18 AM	-0.5	2.8	---	2.8	-0.1
10/24/2020 12:24 AM	-0.5	2.8	---	2.7	-0.1
10/24/2020 12:30 AM	-0.5	2.8	---	2.7	-0.1
10/24/2020 12:36 AM	-0.5	2.8	---	2.7	-0.2
10/24/2020 12:42 AM	-0.5	2.8	---	2.6	-0.1
10/24/2020 12:48 AM	-0.5	2.8	---	2.5	-0.1
10/24/2020 12:54 AM	-0.5	2.7	---	2.2	-0.1
10/24/2020 1:00 AM	-0.5	2.7	---	2.1	-0.2
10/24/2020 1:06 AM	-0.5	2.6	---	2.1	-0.1
10/24/2020 1:12 AM	-0.5	2.6	---	2.0	-0.1
10/24/2020 1:18 AM	-0.5	2.6	---	1.9	-0.1
10/24/2020 1:24 AM	-0.5	2.6	---	1.8	-0.1
10/24/2020 1:30 AM	-0.5	2.5	---	1.8	-0.1
10/24/2020 1:36 AM	-0.5	2.5	---	1.8	-0.2
10/24/2020 1:42 AM	-0.5	2.5	---	1.7	-0.1
10/24/2020 1:48 AM	-0.5	2.5	---	1.6	-0.2
10/24/2020 1:54 AM	-0.5	2.5	---	1.6	-0.2
10/24/2020 2:00 AM	-0.5	2.5	---	1.6	-0.2
10/24/2020 2:06 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 2:12 AM	-0.5	2.4	---	1.6	-0.1
10/24/2020 2:18 AM	-0.5	2.4	---	1.6	-0.1
10/24/2020 2:24 AM	-0.5	2.4	---	1.6	-0.2
10/24/2020 2:30 AM	-0.5	2.4	---	1.6	-0.1
10/24/2020 2:36 AM	-0.5	2.4	---	1.6	-0.1
10/24/2020 2:42 AM	-0.5	2.4	---	1.6	-0.1
10/24/2020 2:48 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 2:54 AM	-0.5	2.4	---	1.5	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/24/2020 3:00 AM	-0.5	2.4	---	1.4	-0.2
10/24/2020 3:06 AM	-0.5	2.4	---	1.4	-0.1
10/24/2020 3:12 AM	-0.5	2.4	---	1.4	-0.1
10/24/2020 3:18 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:24 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:30 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:36 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:42 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:48 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 3:54 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 4:00 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 4:06 AM	-0.5	2.4	---	1.5	-0.1
10/24/2020 4:12 AM	-0.5	2.3	---	1.5	-0.1
10/24/2020 4:18 AM	-0.5	2.3	---	1.5	-0.1
10/24/2020 4:24 AM	-0.5	2.3	---	1.5	-0.1
10/24/2020 4:30 AM	-0.5	2.3	---	1.5	-0.1
10/24/2020 4:36 AM	-0.5	2.3	---	1.5	-0.1
10/24/2020 4:42 AM	-0.5	2.3	---	1.6	-0.1
10/24/2020 4:48 AM	-0.5	2.3	---	1.6	-0.1
10/24/2020 4:54 AM	-0.5	2.3	---	1.6	-0.1
10/24/2020 5:00 AM	-0.5	2.3	---	1.6	-0.1
10/24/2020 5:06 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 5:12 AM	-0.5	2.2	---	1.5	-0.2
10/24/2020 5:18 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 5:24 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 5:30 AM	-0.5	2.2	---	1.7	-0.1
10/24/2020 5:36 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 5:42 AM	-0.5	2.2	---	1.7	-0.1
10/24/2020 5:48 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 5:54 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 6:00 AM	-0.5	2.2	---	1.6	-0.1
10/24/2020 6:06 AM	-0.5	2.2	---	1.6	-0.2
10/24/2020 6:12 AM	-0.5	2.1	---	1.5	-0.1
10/24/2020 6:18 AM	-0.5	2.1	---	1.5	-0.1
10/24/2020 6:24 AM	-0.5	2.1	---	1.6	-0.1
10/24/2020 6:30 AM	-0.5	2.1	---	1.5	-0.1
10/24/2020 6:36 AM	-0.5	2.2	---	1.6	-0.2
10/24/2020 6:42 AM	-0.5	2.2	---	1.5	-0.2
10/24/2020 6:48 AM	-0.5	2.2	---	1.5	-0.2
10/24/2020 6:54 AM	-0.5	2.2	---	1.4	-0.2
10/24/2020 7:00 AM	-0.5	2.2	---	1.5	-0.2
10/24/2020 7:06 AM	-0.5	2.1	---	1.4	-0.1
10/24/2020 7:12 AM	-0.5	2.1	---	1.5	-0.1
10/24/2020 7:18 AM	-0.5	2.1	---	1.6	-0.1
10/24/2020 7:24 AM	-0.5	2.1	---	1.6	-0.1
10/24/2020 7:30 AM	-0.5	2.1	---	1.5	-0.1
10/24/2020 7:36 AM	-0.5	2.1	---	1.4	-0.1
10/24/2020 7:42 AM	-0.5	2.1	---	1.4	-0.1
10/24/2020 7:48 AM	-0.5	2.1	---	1.4	-0.1
10/24/2020 7:54 AM	-0.5	2.1	---	1.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

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4th Quarter 2020

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10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
10/24/2020 8:00 AM	-0.5	2.2	---	1.4	-0.1
10/24/2020 8:06 AM	-0.5	2.2	---	1.4	-0.1
10/24/2020 8:12 AM	-0.5	2.2	---	1.5	-0.1
10/24/2020 8:18 AM	-0.5	2.2	---	1.5	-0.1
10/24/2020 8:24 AM	-0.5	2.2	---	1.5	-0.1
10/24/2020 8:30 AM	-0.5	2.3	---	2.7	-0.1
10/24/2020 8:36 AM	-0.5	2.3	---	3.4	-0.1
10/24/2020 8:42 AM	-0.5	2.3	---	3.5	-0.2
10/24/2020 8:48 AM	-0.5	2.3	---	3.8	-0.2
10/24/2020 8:54 AM	-0.5	2.3	---	3.7	-0.1
10/24/2020 9:00 AM	-0.5	2.4	---	3.7	-0.1
10/24/2020 9:06 AM	-0.5	2.4	---	3.8	-0.1
10/24/2020 9:12 AM	-0.5	2.4	---	3.9	-0.1
10/24/2020 9:18 AM	-0.5	2.4	---	3.7	5.0
10/24/2020 9:24 AM	-0.5	2.4	---	1.7	11.0
10/24/2020 9:30 AM	-0.5	2.4	---	0.5	8.0
10/24/2020 9:36 AM	-0.5	2.4	---	0.6	6.0
10/24/2020 9:42 AM	-0.5	2.5	---	0.6	5.5
10/24/2020 9:48 AM	-0.5	2.5	---	0.5	5.4
10/24/2020 9:54 AM	-0.5	2.5	---	0.5	5.7
10/24/2020 10:00 AM	-0.5	2.5	---	0.6	5.3
10/24/2020 10:06 AM	-0.5	2.5	---	0.6	4.6
10/24/2020 10:12 AM	-0.5	2.5	---	0.7	3.9
10/24/2020 10:18 AM	-0.5	2.5	---	0.7	3.5
10/24/2020 10:24 AM	-0.5	2.5	---	0.7	3.2
10/24/2020 10:30 AM	-0.5	2.5	---	0.7	2.8
10/24/2020 10:36 AM	-0.5	2.5	---	0.7	2.6
10/24/2020 10:42 AM	-0.5	2.6	---	0.7	2.6
10/24/2020 10:48 AM	-0.5	2.6	---	0.6	2.6
10/24/2020 10:54 AM	-0.5	2.6	---	0.7	2.6
10/24/2020 11:00 AM	-0.5	2.6	---	0.7	2.5
10/24/2020 11:06 AM	-0.5	2.6	---	0.6	2.5
10/24/2020 11:12 AM	-0.5	2.6	---	0.4	2.6
10/24/2020 11:18 AM	-0.5	2.7	---	0.4	2.6
10/24/2020 11:24 AM	-0.5	2.7	---	0.5	2.5
10/24/2020 11:30 AM	-0.5	2.8	---	0.5	2.5
10/24/2020 11:36 AM	-0.5	2.8	---	0.5	2.4
10/24/2020 11:42 AM	-0.5	2.9	---	0.6	2.4
10/24/2020 11:48 AM	-0.5	3.0	---	0.6	2.4
10/24/2020 11:54 AM	-0.5	3.0	---	0.6	2.4
10/24/2020 12:00 PM	-0.5	3.0	---	0.6	2.4
10/24/2020 12:06 PM	-0.5	3.0	---	0.6	2.4
10/24/2020 12:12 PM	-0.5	3.0	---	0.6	2.4
10/24/2020 12:18 PM	-0.5	2.9	---	0.6	2.4
10/24/2020 12:24 PM	-0.5	2.8	---	0.5	2.4
10/24/2020 12:30 PM	-0.5	2.8	---	0.5	2.5
10/24/2020 12:36 PM	-0.5	2.7	---	0.5	2.5
10/24/2020 12:42 PM	-0.5	2.6	---	0.5	2.5
10/24/2020 12:48 PM	-0.5	2.6	---	0.5	2.5
10/24/2020 12:54 PM	-0.5	2.6	---	0.5	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/24/2020 1:00 PM	-0.5	2.7	---	0.6	2.5
10/24/2020 1:06 PM	-0.5	2.7	---	0.7	2.5
10/24/2020 1:12 PM	-0.5	2.8	---	0.6	2.5
10/24/2020 1:18 PM	-0.5	2.7	---	0.6	2.5
10/24/2020 1:24 PM	-0.5	2.5	---	0.6	2.4
10/24/2020 1:30 PM	-0.5	2.2	---	0.6	2.4
10/24/2020 1:36 PM	-0.5	2.0	---	0.6	2.4
10/24/2020 1:42 PM	-0.5	1.9	---	0.6	2.4
10/24/2020 1:48 PM	-0.5	1.7	---	0.6	2.4
10/24/2020 1:54 PM	-0.5	1.4	---	0.6	2.3
10/24/2020 2:00 PM	-0.5	1.1	---	0.5	2.3
10/24/2020 2:06 PM	-0.5	0.7	---	0.6	2.2
10/24/2020 2:12 PM	-0.4	0.5	---	0.9	2.0
10/24/2020 2:18 PM	-0.4	0.5	---	1.0	2.0
10/24/2020 2:24 PM	-0.4	0.4	---	0.8	2.0
10/24/2020 2:30 PM	-0.4	0.5	---	0.8	2.1
10/24/2020 2:36 PM	-0.4	0.5	---	0.8	2.1
10/24/2020 2:42 PM	-0.4	0.6	---	0.7	2.1
10/24/2020 2:48 PM	-0.4	0.8	---	0.7	2.2
10/24/2020 2:54 PM	-0.4	1.1	---	0.7	2.2
10/24/2020 3:00 PM	-0.4	1.4	---	0.6	2.1
10/24/2020 3:06 PM	-0.4	1.7	---	0.6	2.1
10/24/2020 3:12 PM	-0.4	1.9	---	0.6	2.2
10/24/2020 3:18 PM	-0.4	2.0	---	0.6	2.2
10/24/2020 3:24 PM	-0.5	2.1	---	0.6	2.2
10/24/2020 3:30 PM	-0.5	2.1	---	0.6	2.2
10/24/2020 3:36 PM	-0.5	2.1	---	0.7	2.1
10/24/2020 3:42 PM	-0.5	2.0	---	0.7	2.1
10/24/2020 3:48 PM	-0.5	2.0	---	0.7	2.1
10/24/2020 3:54 PM	-0.5	1.9	---	0.7	2.1
10/24/2020 4:00 PM	-0.5	1.9	---	0.7	2.1
10/24/2020 4:06 PM	-0.5	1.7	---	0.7	2.1
10/24/2020 4:12 PM	-0.5	1.6	---	0.7	2.1
10/24/2020 4:18 PM	-0.5	1.5	---	0.6	2.0
10/24/2020 4:24 PM	-0.5	1.5	---	0.6	2.0
10/24/2020 4:30 PM	-0.5	1.4	---	0.6	2.1
10/24/2020 4:36 PM	-0.5	1.4	---	0.6	2.1
10/24/2020 4:42 PM	-0.6	1.4	---	0.5	2.1
10/24/2020 4:48 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 4:54 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 5:00 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 5:06 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 5:12 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 5:18 PM	-0.6	1.4	---	0.6	2.1
10/24/2020 5:24 PM	-0.6	1.3	---	0.6	2.1
10/24/2020 5:30 PM	-0.6	1.3	---	0.6	2.1
10/24/2020 5:36 PM	-0.6	1.3	---	0.6	2.0
10/24/2020 5:42 PM	-0.6	1.2	---	0.6	2.0
10/24/2020 5:48 PM	-0.7	1.2	---	0.5	2.0
10/24/2020 5:54 PM	-0.7	1.1	---	0.6	2.0

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North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/24/2020 6:00 PM	-0.7	1.1	---	0.6	2.0
10/24/2020 6:06 PM	-0.7	1.1	---	0.6	2.0
10/24/2020 6:12 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 6:18 PM	-0.7	1.0	---	0.4	2.1
10/24/2020 6:24 PM	-0.7	1.0	---	0.4	2.1
10/24/2020 6:30 PM	-0.7	1.0	---	0.5	2.1
10/24/2020 6:36 PM	-0.7	1.0	---	0.5	2.1
10/24/2020 6:42 PM	-0.7	1.0	---	0.5	2.1
10/24/2020 6:48 PM	-0.7	1.0	---	0.5	2.1
10/24/2020 6:54 PM	-0.7	1.0	---	0.5	2.1
10/24/2020 7:00 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:06 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:12 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:18 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:24 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:30 PM	-0.7	1.0	---	0.5	2.0
10/24/2020 7:36 PM	-0.7	0.9	---	0.5	2.0
10/24/2020 7:42 PM	-0.8	0.9	---	0.5	1.9
10/24/2020 7:48 PM	-0.8	0.9	---	0.5	1.9
10/24/2020 7:54 PM	-0.8	0.9	---	0.5	1.9
10/24/2020 8:00 PM	-0.8	0.9	---	0.5	2.0
10/24/2020 8:06 PM	-0.8	0.9	---	0.5	2.0
10/24/2020 8:12 PM	-0.8	0.9	---	0.5	2.0
10/24/2020 8:18 PM	-0.8	0.9	---	0.5	2.1
10/24/2020 8:24 PM	-0.8	0.9	---	0.5	2.0
10/24/2020 8:30 PM	-0.8	0.9	---	0.5	2.0
10/24/2020 8:36 PM	-0.8	0.8	---	0.5	2.0
10/24/2020 8:42 PM	-0.8	0.8	---	0.5	2.0
10/24/2020 8:48 PM	-0.8	0.8	---	0.5	2.0
10/24/2020 8:54 PM	-0.8	0.8	---	0.5	2.0
10/24/2020 9:00 PM	-0.8	0.8	---	0.6	2.0
10/24/2020 9:06 PM	-0.9	0.8	---	0.6	1.9
10/24/2020 9:12 PM	-0.9	0.8	---	0.6	1.9
10/24/2020 9:18 PM	-0.9	0.8	---	0.6	1.9
10/24/2020 9:24 PM	-0.9	0.8	---	0.6	1.9
10/24/2020 9:30 PM	-0.9	0.8	---	0.5	1.8
10/24/2020 9:36 PM	-0.9	0.8	---	0.5	1.8
10/24/2020 9:42 PM	-0.9	0.8	---	0.5	1.9
10/24/2020 9:48 PM	-0.9	0.8	---	0.5	1.9
10/24/2020 9:54 PM	-0.9	0.8	---	0.5	1.9
10/24/2020 10:00 PM	-0.9	0.8	---	0.5	1.9
10/24/2020 10:06 PM	-0.9	0.8	---	0.5	1.9
10/24/2020 10:12 PM	-0.9	0.8	---	0.4	1.8
10/24/2020 10:18 PM	-0.9	0.9	---	0.4	1.7
10/24/2020 10:24 PM	-0.9	0.9	---	0.4	1.7
10/24/2020 10:30 PM	-0.9	0.8	---	0.4	1.7
10/24/2020 10:36 PM	-0.9	0.8	---	0.5	1.7
10/24/2020 10:42 PM	-0.9	0.9	---	0.5	1.7
10/24/2020 10:48 PM	-0.9	0.8	---	0.4	1.7
10/24/2020 10:54 PM	-0.9	0.8	---	0.5	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/24/2020 11:00 PM	-0.9	0.8	---	0.5	1.7
10/24/2020 11:06 PM	-0.9	0.9	---	0.5	1.7
10/24/2020 11:12 PM	-0.9	0.9	---	0.5	1.7
10/24/2020 11:18 PM	-0.9	0.9	---	0.5	1.7
10/24/2020 11:24 PM	-0.9	0.9	---	0.5	1.7
10/24/2020 11:30 PM	-1.0	0.9	---	0.5	1.8
10/24/2020 11:36 PM	-1.0	0.9	---	0.5	1.7
10/24/2020 11:42 PM	-0.9	0.9	---	1.8	1.0
10/24/2020 11:48 PM	-0.9	0.9	---	2.7	-0.1
10/24/2020 11:54 PM	-0.9	0.9	---	2.2	-0.2
10/25/2020 12:00 AM	-0.9	0.8	---	2.1	-0.2
10/25/2020 12:06 AM	-0.9	0.8	---	1.9	-0.2
10/25/2020 12:12 AM	-1.0	0.8	---	1.9	-0.2
10/25/2020 12:18 AM	-1.0	0.8	---	1.8	-0.2
10/25/2020 12:24 AM	-1.0	0.7	---	1.6	-0.2
10/25/2020 12:30 AM	<Samp	<Samp	---	<Samp	<Samp
10/25/2020 12:36 AM	-1.0	0.7	---	1.6	-0.2
10/25/2020 12:42 AM	-1.0	0.6	---	1.6	-0.2
10/25/2020 12:48 AM	-1.0	0.6	---	1.5	-0.2
10/25/2020 12:54 AM	-1.0	0.6	---	1.5	-0.2
10/25/2020 1:00 AM	-1.0	0.6	---	1.5	-0.2
10/25/2020 1:06 AM	-1.0	0.6	---	1.5	-0.2
10/25/2020 1:12 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 1:18 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 1:24 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 1:30 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 1:36 AM	-1.0	0.7	---	1.5	-0.2
10/25/2020 1:42 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 1:48 AM	-1.0	0.7	---	1.3	-0.2
10/25/2020 1:54 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 2:00 AM	-1.0	0.7	---	1.4	-0.2
10/25/2020 2:06 AM	-1.0	0.7	---	1.3	-0.2
10/25/2020 2:12 AM	-1.0	0.7	---	1.1	-0.2
10/25/2020 2:18 AM	-1.0	0.7	---	1.1	-0.3
10/25/2020 2:24 AM	-1.0	0.7	---	1.2	-0.2
10/25/2020 2:30 AM	-1.0	0.7	---	1.2	-0.2
10/25/2020 2:36 AM	-1.0	0.7	---	1.1	-0.2
10/25/2020 2:42 AM	-1.0	0.7	---	1.1	-0.2
10/25/2020 2:48 AM	-1.0	0.7	---	1.1	-0.2
10/25/2020 2:54 AM	-1.0	0.7	---	1.1	-0.2
10/25/2020 3:00 AM	-1.0	0.6	---	1.1	-0.2
10/25/2020 3:06 AM	-1.0	0.6	---	1.1	-0.2
10/25/2020 3:12 AM	-1.0	0.6	---	1.1	-0.2
10/25/2020 3:18 AM	-1.0	0.7	---	1.2	-0.2
10/25/2020 3:24 AM	-1.0	0.7	---	1.2	-0.2
10/25/2020 3:30 AM	-1.0	0.8	---	1.2	-0.2
10/25/2020 3:36 AM	-1.0	0.8	---	1.2	-0.2
10/25/2020 3:42 AM	-1.0	0.9	---	1.2	-0.2
10/25/2020 3:48 AM	-1.0	0.9	---	1.2	-0.2
10/25/2020 3:54 AM	-1.0	0.9	---	1.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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4th Quarter 2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/25/2020 4:00 AM	-1.0	0.9	---	1.1	-0.2
10/25/2020 4:06 AM	-1.0	1.0	---	1.1	-0.2
10/25/2020 4:12 AM	-1.0	1.0	---	1.1	-0.2
10/25/2020 4:18 AM	-1.0	1.1	---	1.1	-0.2
10/25/2020 4:24 AM	-1.0	1.1	---	1.1	-0.2
10/25/2020 4:30 AM	-1.0	1.1	---	1.1	-0.2
10/25/2020 4:36 AM	-1.0	1.2	---	1.2	-0.2
10/25/2020 4:42 AM	-1.0	1.2	---	1.2	-0.2
10/25/2020 4:48 AM	-1.0	1.3	---	1.2	-0.2
10/25/2020 4:54 AM	-1.0	1.3	---	1.2	-0.2
10/25/2020 5:00 AM	-1.1	1.4	---	1.2	-0.3
10/25/2020 5:06 AM	-1.1	1.4	---	1.2	-0.2
10/25/2020 5:12 AM	-1.0	1.4	---	1.2	-0.3
10/25/2020 5:18 AM	-1.0	1.5	---	1.1	-0.2
10/25/2020 5:24 AM	-1.1	1.5	---	1.0	-0.3
10/25/2020 5:30 AM	-1.1	1.5	---	1.1	-0.2
10/25/2020 5:36 AM	-1.0	1.5	---	1.2	-0.2
10/25/2020 5:42 AM	-1.1	1.5	---	1.2	-0.2
10/25/2020 5:48 AM	-1.1	1.5	---	1.2	-0.2
10/25/2020 5:54 AM	-1.1	1.5	---	1.2	-0.2
10/25/2020 6:00 AM	-1.1	1.5	---	1.2	-0.2
10/25/2020 6:06 AM	-1.1	1.5	---	1.2	-0.2
10/25/2020 6:12 AM	-1.1	1.5	---	1.1	-0.2
10/25/2020 6:18 AM	-1.1	1.5	---	1.1	-0.2
10/25/2020 6:24 AM	-1.1	1.5	---	1.0	-0.3
10/25/2020 6:30 AM	-1.0	1.5	---	1.0	-0.2
10/25/2020 6:36 AM	-1.0	1.6	---	1.0	-0.2
10/25/2020 6:42 AM	-1.0	1.6	---	1.0	-0.2
10/25/2020 6:48 AM	-1.1	1.7	---	0.9	-0.3
10/25/2020 6:54 AM	-1.0	1.7	---	0.9	-0.2
10/25/2020 7:00 AM	-1.0	1.8	---	0.9	-0.2
10/25/2020 7:06 AM	-1.1	1.8	---	0.9	-0.2
10/25/2020 7:12 AM	-1.0	1.9	---	0.9	-0.2
10/25/2020 7:18 AM	-1.1	1.9	---	0.9	-0.3
10/25/2020 7:24 AM	-1.1	2.0	---	0.9	-0.3
10/25/2020 7:30 AM	-1.0	2.0	---	1.0	-0.3
10/25/2020 7:36 AM	-1.0	2.0	---	0.9	-0.3
10/25/2020 7:42 AM	-1.0	2.0	---	0.9	-0.3
10/25/2020 7:48 AM	-1.0	2.0	---	0.9	-0.2
10/25/2020 7:54 AM	-1.0	2.0	---	0.9	-0.2
10/25/2020 8:00 AM	-1.0	1.9	---	0.9	-0.2
10/25/2020 8:06 AM	-1.0	1.9	---	0.9	-0.2
10/25/2020 8:12 AM	-1.0	1.7	---	0.9	-0.2
10/25/2020 8:18 AM	-1.0	1.6	---	0.9	-0.2
10/25/2020 8:24 AM	-1.0	1.6	---	0.9	-0.2
10/25/2020 8:30 AM	-1.0	1.6	---	0.9	-0.2
10/25/2020 8:36 AM	-1.0	1.6	---	0.9	-0.2
10/25/2020 8:42 AM	-1.0	1.6	---	0.9	-0.2
10/25/2020 8:48 AM	-1.0	1.7	---	0.9	-0.2
10/25/2020 8:54 AM	-1.0	1.7	---	0.9	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/25/2020 9:00 AM	-1.0	1.8	---	0.9	-0.3
10/25/2020 9:06 AM	-1.0	1.8	---	0.9	-0.3
10/25/2020 9:12 AM	-1.0	1.8	---	0.9	-0.2
10/25/2020 9:18 AM	-1.0	1.8	---	0.9	-0.3
10/25/2020 9:24 AM	-1.0	1.7	---	0.9	4.5
10/25/2020 9:30 AM	-1.0	1.7	---	0.6	9.3
10/25/2020 9:36 AM	-1.0	1.7	---	0.3	7.2
10/25/2020 9:42 AM	-1.0	1.7	---	0.3	5.3
10/25/2020 9:48 AM	-1.0	1.8	---	0.3	5.0
10/25/2020 9:54 AM	-1.0	1.8	---	0.3	5.1
10/25/2020 10:00 AM	-1.0	1.9	---	0.4	4.7
10/25/2020 10:06 AM	-1.0	1.9	---	0.3	4.0
10/25/2020 10:12 AM	-1.0	2.0	---	0.3	3.4
10/25/2020 10:18 AM	-1.0	2.0	---	0.3	3.0
10/25/2020 10:24 AM	-0.9	2.1	---	0.3	2.7
10/25/2020 10:30 AM	-0.9	2.1	---	0.3	2.5
10/25/2020 10:36 AM	-0.9	2.1	---	0.3	2.3
10/25/2020 10:42 AM	-0.9	2.1	---	0.3	2.2
10/25/2020 10:48 AM	-0.9	2.1	---	0.3	2.2
10/25/2020 10:54 AM	-0.9	2.1	---	0.3	2.2
10/25/2020 11:00 AM	-0.9	2.1	---	0.3	2.1
10/25/2020 11:06 AM	-0.9	2.1	---	0.3	2.1
10/25/2020 11:12 AM	-0.9	2.1	---	0.3	2.1
10/25/2020 11:18 AM	-0.9	2.1	---	0.3	2.0
10/25/2020 11:24 AM	-0.9	2.1	---	0.3	2.0
10/25/2020 11:30 AM	-0.9	2.1	---	0.2	2.0
10/25/2020 11:36 AM	-0.9	2.1	---	0.2	2.0
10/25/2020 11:42 AM	-0.9	2.2	---	0.2	1.9
10/25/2020 11:48 AM	-0.9	2.2	---	0.2	1.9
10/25/2020 11:54 AM	-0.9	2.2	---	0.3	1.9
10/25/2020 12:00 PM	-0.8	2.2	---	0.3	1.9
10/25/2020 12:06 PM	-0.4	2.3	---	0.4	1.9
10/25/2020 12:12 PM	-0.4	2.3	---	0.4	1.9
10/25/2020 12:18 PM	-0.4	2.3	---	0.5	1.9
10/25/2020 12:24 PM	-0.4	2.3	---	0.5	1.9
10/25/2020 12:30 PM	-0.4	2.3	---	0.5	1.9
10/25/2020 12:36 PM	-0.4	2.4	---	0.5	1.9
10/25/2020 12:42 PM	-0.4	2.4	---	0.5	2.0
10/25/2020 12:48 PM	-0.4	2.4	---	0.5	2.0
10/25/2020 12:54 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:00 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:06 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:12 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:18 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:24 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 1:30 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 1:36 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 1:42 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 1:48 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 1:54 PM	-0.4	2.5	---	0.5	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/25/2020 2:00 PM	-0.4	2.5	---	0.4	2.1
10/25/2020 2:06 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 2:12 PM	-0.4	2.5	---	0.5	2.1
10/25/2020 2:18 PM	-0.4	2.4	---	0.5	2.2
10/25/2020 2:24 PM	-0.4	2.4	---	0.4	2.2
10/25/2020 2:30 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 2:36 PM	-0.4	2.3	---	0.5	2.2
10/25/2020 2:42 PM	-0.4	2.3	---	0.5	2.2
10/25/2020 2:48 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 2:54 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:00 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:06 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:12 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:18 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:24 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:30 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 3:36 PM	-0.4	2.4	---	0.5	2.1
10/25/2020 3:42 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 3:48 PM	-0.4	2.4	---	0.6	2.1
10/25/2020 3:54 PM	-0.4	2.4	---	0.6	2.1
10/25/2020 4:00 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 4:06 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 4:12 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 4:18 PM	-0.4	2.3	---	0.6	2.1
10/25/2020 4:24 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 4:30 PM	-0.4	2.3	---	0.5	2.0
10/25/2020 4:36 PM	-0.4	2.3	---	0.5	2.0
10/25/2020 4:42 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 4:48 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 4:54 PM	-0.4	2.2	---	0.6	2.0
10/25/2020 5:00 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 5:06 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 5:12 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 5:18 PM	-0.4	2.2	---	0.5	2.1
10/25/2020 5:24 PM	-0.4	2.3	---	0.5	2.1
10/25/2020 5:30 PM	-0.4	2.3	---	0.5	2.0
10/25/2020 5:36 PM	-0.4	2.3	---	0.5	2.0
10/25/2020 5:42 PM	8.2	2.3	---	0.6	2.0
10/25/2020 5:48 PM	11.9	2.3	---	0.6	2.0
10/25/2020 5:54 PM	9.7	2.1	---	0.6	2.0
10/25/2020 6:00 PM	6.0	1.8	---	0.6	2.0
10/25/2020 6:06 PM	2.9	1.8	---	0.6	2.0
10/25/2020 6:12 PM	1.0	1.9	---	0.6	2.0
10/25/2020 6:18 PM	0.2	2.0	---	0.6	2.0
10/25/2020 6:24 PM	-0.1	2.0	---	0.6	2.1
10/25/2020 6:30 PM	-0.2	2.1	---	0.6	2.1
10/25/2020 6:36 PM	-0.3	2.1	---	0.6	2.0
10/25/2020 6:42 PM	-0.3	2.2	---	0.5	2.0
10/25/2020 6:48 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 6:54 PM	-0.4	2.2	---	0.6	2.0

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North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/25/2020 7:00 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 7:06 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 7:12 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 7:18 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 7:24 PM	-0.4	2.2	---	0.5	2.0
10/25/2020 7:30 PM	-0.4	2.2	---	0.5	2.1
10/25/2020 7:36 PM	-0.4	2.2	---	0.5	2.1
10/25/2020 7:42 PM	-0.4	2.2	---	0.5	2.1
10/25/2020 7:48 PM	-0.4	2.2	---	0.6	2.1
10/25/2020 7:54 PM	-0.4	2.1	---	0.6	2.1
10/25/2020 8:00 PM	-0.4	1.9	---	0.8	2.1
10/25/2020 8:06 PM	-0.4	1.7	---	0.7	2.1
10/25/2020 8:12 PM	-0.4	1.5	---	0.7	2.1
10/25/2020 8:18 PM	-0.4	1.3	---	0.8	2.0
10/25/2020 8:24 PM	-0.4	1.1	---	0.8	2.0
10/25/2020 8:30 PM	-0.4	1.1	---	0.8	2.0
10/25/2020 8:36 PM	-0.4	1.1	---	0.8	2.1
10/25/2020 8:42 PM	-0.4	1.2	---	0.8	2.1
10/25/2020 8:48 PM	-0.4	1.3	---	0.8	2.1
10/25/2020 8:54 PM	-0.4	1.4	---	0.8	2.2
10/25/2020 9:00 PM	-0.4	1.5	---	0.7	2.2
10/25/2020 9:06 PM	-0.4	1.6	---	0.7	2.2
10/25/2020 9:12 PM	-0.4	1.7	---	0.8	2.2
10/25/2020 9:18 PM	-0.4	1.8	---	0.7	2.2
10/25/2020 9:24 PM	-0.4	1.8	---	0.8	2.2
10/25/2020 9:30 PM	-0.4	1.9	---	0.8	2.3
10/25/2020 9:36 PM	-0.4	2.0	---	0.7	2.2
10/25/2020 9:42 PM	-0.4	2.1	---	0.8	2.2
10/25/2020 9:48 PM	-0.4	2.1	---	0.8	2.2
10/25/2020 9:54 PM	-0.5	2.2	---	0.8	2.1
10/25/2020 10:00 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 10:06 PM	-0.5	2.3	---	0.6	2.1
10/25/2020 10:12 PM	-0.5	2.3	---	0.6	2.1
10/25/2020 10:18 PM	-0.5	2.3	---	0.6	2.1
10/25/2020 10:24 PM	-0.5	2.3	---	0.6	2.1
10/25/2020 10:30 PM	-0.5	2.3	---	0.6	2.1
10/25/2020 10:36 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 10:42 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 10:48 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 10:54 PM	-0.4	2.3	---	0.7	2.1
10/25/2020 11:00 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 11:06 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 11:12 PM	-0.4	2.3	---	0.7	2.1
10/25/2020 11:18 PM	-0.4	2.3	---	0.7	2.1
10/25/2020 11:24 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 11:30 PM	-0.5	2.3	---	0.7	2.1
10/25/2020 11:36 PM	-0.4	2.2	---	0.7	2.2
10/25/2020 11:42 PM	-0.4	2.2	---	0.6	2.2
10/25/2020 11:48 PM	-0.4	2.2	---	0.6	2.1
10/25/2020 11:54 PM	-0.4	2.3	---	0.6	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/26/2020 12:00 AM	-0.4	2.3	---	1.3	2.0
10/26/2020 12:06 AM	-0.4	2.3	---	2.7	0.9
10/26/2020 12:12 AM	-0.4	2.3	---	2.8	0.0
10/26/2020 12:18 AM	-0.4	2.4	---	2.6	0.0
10/26/2020 12:24 AM	-0.4	2.4	---	2.5	0.0
10/26/2020 12:30 AM	-0.4	2.4	---	2.4	0.0
10/26/2020 12:36 AM	-0.4	2.3	---	2.4	0.0
10/26/2020 12:42 AM	-0.4	2.3	---	2.4	0.0
10/26/2020 12:48 AM	-0.4	2.3	---	2.4	0.0
10/26/2020 12:54 AM	-0.4	2.3	---	2.3	0.0
10/26/2020 1:00 AM	---	---	---	---	---
10/26/2020 1:06 AM	---	---	---	---	---
10/26/2020 1:12 AM	---	---	---	---	---
10/26/2020 1:18 AM	---	---	---	---	---
10/26/2020 1:24 AM	---	---	---	---	---
10/26/2020 1:30 AM	---	---	---	---	---
10/26/2020 1:36 AM	---	---	---	---	---
10/26/2020 1:42 AM	---	---	---	---	---
10/26/2020 1:48 AM	---	---	---	---	---
10/26/2020 1:54 AM	---	---	---	---	---
10/26/2020 2:00 AM	---	---	---	---	---
10/26/2020 2:06 AM	---	---	---	---	---
10/26/2020 2:12 AM	---	---	---	---	---
10/26/2020 2:18 AM	---	---	---	---	---
10/26/2020 2:24 AM	---	---	---	---	---
10/26/2020 2:30 AM	---	---	---	---	---
10/26/2020 2:36 AM	---	---	---	---	---
10/26/2020 2:42 AM	---	---	---	---	---
10/26/2020 2:48 AM	---	---	---	---	---
10/26/2020 2:54 AM	---	---	---	---	---
10/26/2020 3:00 AM	---	---	---	---	---
10/26/2020 3:06 AM	---	---	---	---	---
10/26/2020 3:12 AM	---	---	---	---	---
10/26/2020 3:18 AM	---	---	---	---	---
10/26/2020 3:24 AM	---	---	---	---	---
10/26/2020 3:30 AM	---	---	---	---	---
10/26/2020 3:36 AM	---	---	---	---	---
10/26/2020 3:42 AM	---	---	---	---	---
10/26/2020 3:48 AM	---	---	---	---	---
10/26/2020 3:54 AM	---	---	---	---	---
10/26/2020 4:00 AM	---	---	---	---	---
10/26/2020 4:06 AM	---	---	---	---	---
10/26/2020 4:12 AM	---	---	---	---	---
10/26/2020 4:18 AM	---	---	---	---	---
10/26/2020 4:24 AM	---	---	---	---	---
10/26/2020 4:30 AM	---	---	---	---	---
10/26/2020 4:36 AM	---	---	---	---	---
10/26/2020 4:42 AM	---	---	---	---	---
10/26/2020 4:48 AM	---	---	---	---	---
10/26/2020 4:54 AM	---	---	---	---	---

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/26/2020 5:00 AM	---	---	---	---	---
10/26/2020 5:06 AM	---	---	---	---	---
10/26/2020 5:12 AM	---	---	---	---	---
10/26/2020 5:18 AM	---	---	---	---	---
10/26/2020 5:24 AM	---	---	---	---	---
10/26/2020 5:30 AM	---	---	---	---	---
10/26/2020 5:36 AM	---	---	---	---	---
10/26/2020 5:42 AM	---	---	---	---	---
10/26/2020 5:48 AM	---	---	---	---	---
10/26/2020 5:54 AM	---	---	---	---	---
10/26/2020 6:00 AM	---	---	---	---	---
10/26/2020 6:06 AM	---	---	---	---	---
10/26/2020 6:12 AM	---	---	---	---	---
10/26/2020 6:18 AM	---	---	---	---	---
10/26/2020 6:24 AM	---	---	---	---	---
10/26/2020 6:30 AM	---	---	---	---	---
10/26/2020 6:36 AM	---	---	---	---	---
10/26/2020 6:42 AM	---	---	---	---	---
10/26/2020 6:48 AM	---	---	---	---	---
10/26/2020 6:54 AM	---	---	---	---	---
10/26/2020 7:00 AM	---	---	---	---	---
10/26/2020 7:06 AM	---	---	---	---	---
10/26/2020 7:12 AM	---	---	---	---	---
10/26/2020 7:18 AM	---	---	---	---	---
10/26/2020 7:24 AM	---	---	---	---	---
10/26/2020 7:30 AM	---	---	---	---	---
10/26/2020 7:36 AM	---	---	---	---	---
10/26/2020 7:42 AM	---	---	---	---	---
10/26/2020 7:48 AM	---	---	---	---	---
10/26/2020 7:54 AM	---	---	---	---	---
10/26/2020 8:00 AM	---	---	---	---	---
10/26/2020 8:06 AM	---	---	---	---	---
10/26/2020 8:12 AM	---	---	---	---	---
10/26/2020 8:18 AM	---	---	---	---	---
10/26/2020 8:24 AM	---	---	---	---	---
10/26/2020 8:30 AM	---	---	---	---	---
10/26/2020 8:36 AM	---	---	---	---	---
10/26/2020 8:42 AM	---	---	---	---	---
10/26/2020 8:48 AM	---	---	---	---	---
10/26/2020 8:54 AM	---	---	---	---	---
10/26/2020 9:00 AM	---	---	---	---	---
10/26/2020 9:06 AM	---	---	---	---	---
10/26/2020 9:12 AM	---	---	---	---	---
10/26/2020 9:18 AM	---	---	---	---	---
10/26/2020 9:24 AM	---	---	---	---	---
10/26/2020 9:30 AM	---	---	---	---	---
10/26/2020 9:36 AM	---	---	---	---	---
10/26/2020 9:42 AM	---	---	---	---	---
10/26/2020 9:48 AM	---	---	---	---	---
10/26/2020 9:54 AM	---	---	---	---	---

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/26/2020 10:00 AM	---	---	---	---	---
10/26/2020 10:06 AM	---	---	---	---	---
10/26/2020 10:12 AM	---	---	---	---	---
10/26/2020 10:18 AM	---	---	---	---	---
10/26/2020 10:24 AM	---	---	---	---	---
10/26/2020 10:30 AM	---	---	---	---	---
10/26/2020 10:36 AM	---	---	---	---	---
10/26/2020 10:42 AM	---	---	---	---	---
10/26/2020 10:48 AM	---	---	---	---	---
10/26/2020 10:54 AM	---	---	---	---	---
10/26/2020 11:00 AM	---	---	---	---	---
10/26/2020 11:06 AM	---	---	---	---	---
10/26/2020 11:12 AM	---	---	---	---	---
10/26/2020 11:18 AM	---	---	---	---	---
10/26/2020 11:24 AM	---	---	---	---	---
10/26/2020 11:30 AM	---	---	---	---	---
10/26/2020 11:36 AM	---	---	---	---	---
10/26/2020 11:42 AM	---	---	---	---	---
10/26/2020 11:48 AM	---	---	---	---	---
10/26/2020 11:54 AM	---	---	---	---	---
10/26/2020 12:00 PM	---	---	---	---	---
10/26/2020 12:06 PM	---	---	---	---	---
10/26/2020 12:12 PM	---	---	---	---	---
10/26/2020 12:18 PM	---	---	---	---	---
10/26/2020 12:24 PM	---	---	---	---	---
10/26/2020 12:30 PM	---	---	---	---	---
10/26/2020 12:36 PM	---	---	---	---	---
10/26/2020 12:42 PM	---	---	---	---	---
10/26/2020 12:48 PM	---	---	---	---	---
10/26/2020 12:54 PM	---	---	---	---	---
10/26/2020 1:00 PM	---	---	---	---	---
10/26/2020 1:06 PM	---	---	---	---	---
10/26/2020 1:12 PM	---	---	---	---	---
10/26/2020 1:18 PM	---	---	---	---	---
10/26/2020 1:24 PM	---	---	---	---	---
10/26/2020 1:30 PM	---	---	---	---	---
10/26/2020 1:36 PM	---	---	---	---	---
10/26/2020 1:42 PM	---	---	---	---	---
10/26/2020 1:48 PM	---	---	---	---	---
10/26/2020 1:54 PM	---	---	---	---	---
10/26/2020 2:00 PM	---	---	---	---	---
10/26/2020 2:06 PM	---	---	---	---	---
10/26/2020 2:12 PM	---	---	---	---	---
10/26/2020 2:18 PM	NoData	NoData	---	NoData	NoData
10/26/2020 2:24 PM	<Samp	<Samp	---	<Samp	<Samp
10/26/2020 2:30 PM	-0.1	1.8	---	0.7	0.0
10/26/2020 2:36 PM	-0.1	1.8	---	0.7	0.0
10/26/2020 2:42 PM	-0.1	1.7	---	0.7	0.0
10/26/2020 2:48 PM	-0.1	1.8	---	0.7	0.0
10/26/2020 2:54 PM	-0.1	1.8	---	0.6	0.0

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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10/1/2020 0:00

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12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/26/2020 3:00 PM	-0.1	1.8	---	0.6	0.0
10/26/2020 3:06 PM	-0.1	1.8	---	0.6	0.0
10/26/2020 3:12 PM	-0.1	1.8	---	0.6	0.0
10/26/2020 3:18 PM	-0.1	1.8	---	0.6	0.0
10/26/2020 3:24 PM	-0.1	1.9	---	0.6	0.0
10/26/2020 3:30 PM	-0.1	1.9	---	0.6	0.0
10/26/2020 3:36 PM	-0.1	1.9	---	0.6	0.0
10/26/2020 3:42 PM	-0.2	1.9	---	0.6	0.0
10/26/2020 3:48 PM	-0.2	1.9	---	0.6	0.0
10/26/2020 3:54 PM	-0.2	1.9	---	0.6	0.0
10/26/2020 4:00 PM	-0.2	1.9	---	0.6	0.0
10/26/2020 4:06 PM	-0.2	1.9	---	0.6	0.0
10/26/2020 4:12 PM	-0.2	1.9	---	0.7	0.0
10/26/2020 4:18 PM	-0.2	1.9	---	0.7	0.0
10/26/2020 4:24 PM	-0.2	1.9	---	0.7	0.0
10/26/2020 4:30 PM	-0.2	1.9	---	0.7	0.0
10/26/2020 4:36 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 4:42 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 4:48 PM	-0.2	1.8	---	0.6	0.0
10/26/2020 4:54 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:00 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:06 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:12 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:18 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:24 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:30 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:36 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:42 PM	-0.2	1.8	---	0.6	0.0
10/26/2020 5:48 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 5:54 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:00 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:06 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:12 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:18 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:24 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:30 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:36 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:42 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:48 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 6:54 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 7:00 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 7:06 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 7:12 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 7:18 PM	-0.2	1.8	---	0.7	0.0
10/26/2020 7:24 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 7:30 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 7:36 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 7:42 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 7:48 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 7:54 PM	-0.2	1.7	---	0.6	0.0

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All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/26/2020 8:00 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 8:06 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 8:12 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:18 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:24 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:30 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:36 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:42 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 8:48 PM	-0.1	1.7	---	0.6	0.0
10/26/2020 8:54 PM	-0.1	1.7	---	0.6	0.0
10/26/2020 9:00 PM	-0.1	1.7	---	0.6	0.0
10/26/2020 9:06 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:12 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:18 PM	-0.2	1.7	---	0.7	0.0
10/26/2020 9:24 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:30 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:36 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:42 PM	-0.2	1.7	---	0.6	0.0
10/26/2020 9:48 PM	-0.2	1.6	---	0.6	0.0
10/26/2020 9:54 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 10:00 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 10:06 PM	-0.2	1.6	---	0.6	0.0
10/26/2020 10:12 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 10:18 PM	-0.2	1.5	---	0.7	0.0
10/26/2020 10:24 PM	-0.2	1.5	---	0.7	0.0
10/26/2020 10:30 PM	-0.2	1.5	---	0.7	0.0
10/26/2020 10:36 PM	-0.2	1.5	---	0.7	0.0
10/26/2020 10:42 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 10:48 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 10:54 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:00 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:06 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:12 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:18 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:24 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:30 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:36 PM	-0.2	1.6	---	0.7	0.0
10/26/2020 11:42 PM	-0.2	1.6	---	0.7	0.0
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10/27/2020 12:00 AM	-0.2	1.6	---	0.6	0.0
10/27/2020 12:06 AM	-0.2	1.6	---	0.6	0.0
10/27/2020 12:12 AM	-0.2	1.6	---	0.6	0.0
10/27/2020 12:18 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 12:24 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 12:30 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 12:36 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 12:42 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 12:48 AM	-0.2	1.5	---	0.3	0.0
10/27/2020 12:54 AM	-0.2	1.5	---	-0.5	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/27/2020 1:00 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:06 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:12 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:18 AM	-0.2	1.5	---	-0.8	0.0
10/27/2020 1:24 AM	-0.2	1.5	---	-0.8	0.0
10/27/2020 1:30 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:36 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:42 AM	-0.2	1.5	---	-0.8	0.0
10/27/2020 1:48 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 1:54 AM	-0.2	1.6	---	-0.8	0.0
10/27/2020 2:00 AM	-0.2	1.6	---	-0.6	0.0
10/27/2020 2:06 AM	-0.2	1.6	---	6.4	0.0
10/27/2020 2:12 AM	-0.2	1.5	---	6.8	0.0
10/27/2020 2:18 AM	-0.2	1.5	---	3.2	0.0
10/27/2020 2:24 AM	-0.2	1.5	---	2.2	0.0
10/27/2020 2:30 AM	-0.2	1.5	---	1.8	0.0
10/27/2020 2:36 AM	-0.2	1.5	---	1.6	0.0
10/27/2020 2:42 AM	-0.2	1.5	---	1.9	0.0
10/27/2020 2:48 AM	-0.2	1.5	---	2.4	0.0
10/27/2020 2:54 AM	-0.2	1.6	---	2.5	0.0
10/27/2020 3:00 AM	-0.2	1.6	---	2.4	0.0
10/27/2020 3:06 AM	-0.2	1.6	---	2.3	0.0
10/27/2020 3:12 AM	-0.2	1.6	---	2.2	0.0
10/27/2020 3:18 AM	-0.2	1.6	---	2.1	0.0
10/27/2020 3:24 AM	-0.2	1.6	---	2.0	0.0
10/27/2020 3:30 AM	-0.2	1.6	---	2.0	0.0
10/27/2020 3:36 AM	-0.2	1.6	---	1.8	0.0
10/27/2020 3:42 AM	-0.2	1.6	---	1.6	0.0
10/27/2020 3:48 AM	-0.2	1.6	---	1.1	0.0
10/27/2020 3:54 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 4:00 AM	-0.2	1.5	---	0.5	0.0
10/27/2020 4:06 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 4:12 AM	-0.2	1.5	---	0.6	0.0
10/27/2020 4:18 AM	-0.2	1.6	---	0.6	0.0
10/27/2020 4:24 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 4:30 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 4:36 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 4:42 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 4:48 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 4:54 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 5:00 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 5:06 AM	-0.2	1.6	---	0.7	0.0
10/27/2020 5:12 AM	-0.2	1.6	---	0.8	0.0
10/27/2020 5:18 AM	-0.2	1.6	---	1.0	0.0
10/27/2020 5:24 AM	-0.2	1.5	---	1.0	0.0
10/27/2020 5:30 AM	-0.2	1.5	---	0.9	0.0
10/27/2020 5:36 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 5:42 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 5:48 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 5:54 AM	-0.2	1.4	---	0.9	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/27/2020 6:00 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 6:06 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 6:12 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 6:18 AM	-0.2	1.4	---	0.9	0.0
10/27/2020 6:24 AM	-0.2	1.3	---	0.9	0.0
10/27/2020 6:30 AM	-0.2	1.3	---	0.9	0.0
10/27/2020 6:36 AM	-0.2	1.2	---	0.9	0.0
10/27/2020 6:42 AM	-0.3	1.2	---	0.9	0.0
10/27/2020 6:48 AM	-0.3	1.2	---	0.9	0.0
10/27/2020 6:54 AM	-0.3	1.2	---	0.8	0.0
10/27/2020 7:00 AM	-0.3	1.2	---	0.8	0.0
10/27/2020 7:06 AM	-0.3	1.1	---	1.5	-0.1
10/27/2020 7:12 AM	-0.3	1.1	---	2.6	-0.1
10/27/2020 7:18 AM	-0.3	1.2	---	2.9	-0.1
10/27/2020 7:24 AM	-0.3	1.1	---	2.4	8.6
10/27/2020 7:30 AM	-0.3	1.1	---	1.2	15.6
10/27/2020 7:36 AM	-0.3	1.1	---	1.2	9.9
10/27/2020 7:42 AM	-0.3	1.1	---	1.5	6.9
10/27/2020 7:48 AM	-0.3	1.1	---	1.4	5.4
10/27/2020 7:54 AM	-0.3	1.1	---	1.4	5.3
10/27/2020 8:00 AM	-0.3	1.1	---	1.4	5.7
10/27/2020 8:06 AM	-0.3	1.1	---	0.9	4.8
10/27/2020 8:12 AM	-0.3	1.1	---	0.6	3.6
10/27/2020 8:18 AM	-0.3	1.1	---	0.7	3.2
10/27/2020 8:24 AM	-0.3	1.2	---	0.7	3.0
10/27/2020 8:30 AM	-0.3	1.2	---	0.8	2.8
10/27/2020 8:36 AM	-0.3	1.2	---	0.8	2.6
10/27/2020 8:42 AM	-0.3	1.2	---	0.8	2.5
10/27/2020 8:48 AM	-0.3	1.2	---	0.8	2.4
10/27/2020 8:54 AM	-0.3	1.3	---	0.2	2.4
10/27/2020 9:00 AM	-0.3	1.4	---	-0.7	2.3
10/27/2020 9:06 AM	-0.3	1.5	---	-0.8	2.2
10/27/2020 9:12 AM	-0.3	1.6	---	-0.8	2.3
10/27/2020 9:18 AM	-0.3	1.7	---	-0.8	2.2
10/27/2020 9:24 AM	-0.3	1.8	---	-0.8	2.2
10/27/2020 9:30 AM	-0.3	1.8	---	-0.8	2.1
10/27/2020 9:36 AM	-0.3	1.9	---	-0.8	2.1
10/27/2020 9:42 AM	-0.3	1.9	---	-0.8	2.1
10/27/2020 9:48 AM	-0.3	2.0	---	-0.8	2.0
10/27/2020 9:54 AM	-0.3	2.0	---	-0.8	2.0
10/27/2020 10:00 AM	-0.3	2.0	---	-0.8	2.0
10/27/2020 10:06 AM	-0.3	2.0	---	-0.8	2.1
10/27/2020 10:12 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 10:18 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 10:24 AM	-0.3	2.0	---	-0.8	2.1
10/27/2020 10:30 AM	-0.3	2.0	---	-0.8	2.1
10/27/2020 10:36 AM	-0.3	2.1	---	-0.8	2.2
10/27/2020 10:42 AM	-0.3	2.1	---	-0.8	2.2
10/27/2020 10:48 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 10:54 AM	-0.3	2.1	---	-0.8	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/27/2020 11:00 AM	-0.3	2.2	---	-0.8	2.1
10/27/2020 11:06 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 11:12 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 11:18 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 11:24 AM	-0.3	2.1	---	-0.8	2.0
10/27/2020 11:30 AM	-0.3	2.1	---	-0.8	2.0
10/27/2020 11:36 AM	-0.3	2.2	---	-0.8	2.0
10/27/2020 11:42 AM	-0.3	2.2	---	-0.8	2.1
10/27/2020 11:48 AM	-0.3	2.2	---	-0.8	2.1
10/27/2020 11:54 AM	-0.3	2.1	---	-0.8	2.1
10/27/2020 12:00 PM	-0.4	2.1	---	-0.8	2.1
10/27/2020 12:06 PM	-0.6	1.9	---	-0.9	2.0
10/27/2020 12:12 PM	-0.6	1.8	---	-0.9	2.0
10/27/2020 12:18 PM	-0.6	1.7	---	-0.9	2.0
10/27/2020 12:24 PM	-0.5	1.5	---	-0.9	2.0
10/27/2020 12:30 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 12:36 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 12:42 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 12:48 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 12:54 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 1:00 PM	6.0	1.6	---	-0.9	2.1
10/27/2020 1:06 PM	10.5	1.6	---	-0.9	2.0
10/27/2020 1:12 PM	6.9	1.6	---	-0.9	2.0
10/27/2020 1:18 PM	4.3	1.6	---	-0.9	2.1
10/27/2020 1:24 PM	2.9	1.7	---	-0.9	2.1
10/27/2020 1:30 PM	1.9	1.8	---	-0.9	2.1
10/27/2020 1:36 PM	1.1	1.8	---	-0.9	2.2
10/27/2020 1:42 PM	0.5	1.8	---	-0.9	2.1
10/27/2020 1:48 PM	-0.1	1.8	---	-0.9	2.1
10/27/2020 1:54 PM	-0.3	1.8	---	-0.9	2.2
10/27/2020 2:00 PM	-0.4	1.8	---	-0.9	2.1
10/27/2020 2:06 PM	-0.4	1.6	---	-0.9	2.1
10/27/2020 2:12 PM	-0.4	1.3	---	-0.9	2.1
10/27/2020 2:18 PM	-0.5	1.1	---	-0.9	2.1
10/27/2020 2:24 PM	-0.5	0.9	---	-0.9	2.2
10/27/2020 2:30 PM	-0.5	0.9	---	-0.9	2.2
10/27/2020 2:36 PM	-0.5	1.0	---	-0.9	2.2
10/27/2020 2:42 PM	-0.5	1.0	---	-0.9	2.2
10/27/2020 2:48 PM	-0.5	1.1	---	-0.9	2.2
10/27/2020 2:54 PM	-0.5	1.2	---	-0.9	2.1
10/27/2020 3:00 PM	-0.5	1.2	---	-0.9	2.1
10/27/2020 3:06 PM	-0.4	1.3	---	-0.9	2.1
10/27/2020 3:12 PM	-0.4	1.3	---	-0.9	2.1
10/27/2020 3:18 PM	-0.5	1.3	---	-0.9	2.1
10/27/2020 3:24 PM	-0.5	1.4	---	-0.9	2.1
10/27/2020 3:30 PM	-0.5	1.4	---	-0.9	2.1
10/27/2020 3:36 PM	-0.5	1.4	---	-0.9	2.1
10/27/2020 3:42 PM	-0.5	1.4	---	-0.9	2.1
10/27/2020 3:48 PM	-0.5	1.4	---	-0.9	2.1
10/27/2020 3:54 PM	-0.5	1.5	---	-0.9	2.1

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/27/2020 4:00 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 4:06 PM	-0.5	1.5	---	-0.9	2.2
10/27/2020 4:12 PM	-0.5	1.5	---	-0.9	2.2
10/27/2020 4:18 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 4:24 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 4:30 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 4:36 PM	-0.5	1.5	---	-0.9	2.1
10/27/2020 4:42 PM	-0.5	1.5	---	-0.9	2.0
10/27/2020 4:48 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 4:54 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:00 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:06 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:12 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:18 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:24 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:30 PM	-0.5	1.4	---	-0.9	2.0
10/27/2020 5:36 PM	-0.5	1.4	---	-0.9	2.3
10/27/2020 5:42 PM	-0.5	1.4	---	5.8	2.5
10/27/2020 5:48 PM	-0.5	1.4	---	10.0	1.1
10/27/2020 5:54 PM	-0.5	1.4	---	4.5	-0.1
10/27/2020 6:00 PM	-0.5	1.4	---	3.0	2.1
10/27/2020 6:06 PM	-0.5	1.4	---	2.4	3.4
10/27/2020 6:12 PM	-0.5	1.4	---	1.4	1.1
10/27/2020 6:18 PM	-0.5	1.4	---	1.3	-0.2
10/27/2020 6:24 PM	-0.5	1.4	---	1.3	-0.2
10/27/2020 6:30 PM	-0.5	1.4	---	1.4	-0.2
10/27/2020 6:36 PM	-0.5	1.3	---	1.5	-0.2
10/27/2020 6:42 PM	-0.5	1.3	---	1.7	-0.2
10/27/2020 6:48 PM	-0.5	1.3	---	1.8	-0.2
10/27/2020 6:54 PM	-0.5	1.3	---	1.7	-0.2
10/27/2020 7:00 PM	-0.5	1.3	---	1.6	-0.2
10/27/2020 7:06 PM	-0.5	1.3	---	1.5	-0.2
10/27/2020 7:12 PM	-0.5	1.3	---	1.3	-0.2
10/27/2020 7:18 PM	-0.5	1.3	---	1.1	-0.2
10/27/2020 7:24 PM	-0.5	1.3	---	1.0	-0.2
10/27/2020 7:30 PM	-0.5	1.3	---	0.9	-0.2
10/27/2020 7:36 PM	-0.5	1.3	---	0.7	-0.2
10/27/2020 7:42 PM	-0.5	1.3	---	0.7	-0.2
10/27/2020 7:48 PM	-0.5	1.3	---	0.6	-0.2
10/27/2020 7:54 PM	-0.5	1.3	---	0.6	-0.2
10/27/2020 8:00 PM	-0.5	1.3	---	0.7	-0.2
10/27/2020 8:06 PM	-0.5	1.3	---	0.7	-0.2
10/27/2020 8:12 PM	-0.5	1.3	---	0.6	-0.2
10/27/2020 8:18 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:24 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:30 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:36 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:42 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:48 PM	-0.5	1.2	---	0.6	-0.2
10/27/2020 8:54 PM	-0.5	1.2	---	0.6	-0.2

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New York City D.E.P.
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/27/2020 9:00 PM	-0.5	1.1	---	0.6	2.5
10/27/2020 9:06 PM	-0.5	1.1	---	0.0	5.5
10/27/2020 9:12 PM	-0.5	1.1	---	-0.8	4.6
10/27/2020 9:18 PM	-0.5	1.1	---	-0.9	3.3
10/27/2020 9:24 PM	-0.5	1.1	---	-0.9	2.8
10/27/2020 9:30 PM	-0.5	1.1	---	-0.9	2.5
10/27/2020 9:36 PM	7.1	1.1	---	-0.9	2.4
10/27/2020 9:42 PM	8.2	1.2	---	-0.9	2.4
10/27/2020 9:48 PM	5.9	1.2	---	-0.9	2.3
10/27/2020 9:54 PM	4.4	1.2	---	-0.9	2.3
10/27/2020 10:00 PM	3.9	1.2	---	-0.9	2.3
10/27/2020 10:06 PM	3.0	1.2	---	-0.9	2.2
10/27/2020 10:12 PM	1.6	1.2	---	-0.9	2.2
10/27/2020 10:18 PM	0.8	1.2	---	-0.9	2.2
10/27/2020 10:24 PM	2.3	1.3	---	-0.9	2.2
10/27/2020 10:30 PM	3.9	1.3	---	-0.9	2.2
10/27/2020 10:36 PM	2.8	1.3	---	-0.9	2.1
10/27/2020 10:42 PM	1.5	1.3	---	-0.9	2.1
10/27/2020 10:48 PM	1.1	1.4	---	-0.9	2.0
10/27/2020 10:54 PM	0.9	1.4	---	-0.9	2.1
10/27/2020 11:00 PM	0.8	1.4	---	-0.9	2.1
10/27/2020 11:06 PM	0.7	1.4	---	-0.9	2.0
10/27/2020 11:12 PM	0.7	1.4	---	-0.9	2.0
10/27/2020 11:18 PM	0.6	1.5	---	-0.9	2.0
10/27/2020 11:24 PM	0.5	1.5	---	-0.9	2.0
10/27/2020 11:30 PM	0.5	1.5	---	-0.9	2.0
10/27/2020 11:36 PM	0.5	1.5	---	-0.9	1.9
10/27/2020 11:42 PM	0.4	1.5	---	-0.9	1.9
10/27/2020 11:48 PM	0.4	1.5	---	-0.9	1.9
10/27/2020 11:54 PM	0.3	1.5	---	-0.9	1.9
10/28/2020 12:00 AM	0.3	1.6	---	-0.9	1.9
10/28/2020 12:06 AM	0.5	1.6	---	-0.9	1.9
10/28/2020 12:12 AM	0.7	1.6	---	-0.9	1.9
10/28/2020 12:18 AM	0.7	1.6	---	-0.9	1.5
10/28/2020 12:24 AM	0.5	1.6	---	-0.9	0.4
10/28/2020 12:30 AM	0.4	1.6	---	-0.9	-0.2
10/28/2020 12:36 AM	0.4	1.6	---	-0.9	-0.2
10/28/2020 12:42 AM	0.3	1.6	---	-0.9	-0.2
10/28/2020 12:48 AM	0.3	1.6	---	-0.9	-0.2
10/28/2020 12:54 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:00 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:06 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:12 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:18 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:24 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:30 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:36 AM	0.1	1.6	---	-0.9	-0.2
10/28/2020 1:42 AM	0.1	1.6	---	-0.9	-0.2
10/28/2020 1:48 AM	0.2	1.6	---	-0.9	-0.2
10/28/2020 1:54 AM	0.1	1.6	---	-0.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/28/2020 2:00 AM	0.1	1.6	---	-0.9	-0.2
10/28/2020 2:06 AM	0.1	1.5	---	-0.9	-0.2
10/28/2020 2:12 AM	0.0	1.5	---	-0.9	-0.2
10/28/2020 2:18 AM	0.0	1.5	---	-0.9	-0.2
10/28/2020 2:24 AM	0.0	1.5	---	-0.9	-0.2
10/28/2020 2:30 AM	0.0	1.5	---	-0.9	-0.2
10/28/2020 2:36 AM	0.0	1.4	---	-0.9	-0.2
10/28/2020 2:42 AM	0.1	1.4	---	-0.9	-0.2
10/28/2020 2:48 AM	0.1	1.4	---	-0.9	-0.2
10/28/2020 2:54 AM	0.1	1.4	---	-0.9	-0.2
10/28/2020 3:00 AM	0.2	1.4	---	-0.9	-0.2
10/28/2020 3:06 AM	0.2	1.4	---	-0.9	-0.2
10/28/2020 3:12 AM	0.2	1.3	---	-0.9	-0.2
10/28/2020 3:18 AM	0.3	1.2	---	-0.9	-0.2
10/28/2020 3:24 AM	0.3	1.2	---	-0.9	-0.2
10/28/2020 3:30 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 3:36 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 3:42 AM	0.3	1.1	---	-0.9	-0.1
10/28/2020 3:48 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 3:54 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:00 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:06 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:12 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:18 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:24 AM	0.3	1.1	---	-0.9	-0.2
10/28/2020 4:30 AM	0.3	1.0	---	-0.8	-0.2
10/28/2020 4:36 AM	0.2	1.0	---	-0.8	-0.2
10/28/2020 4:42 AM	0.3	0.9	---	-0.8	-0.2
10/28/2020 4:48 AM	0.4	0.9	---	-0.8	-0.2
10/28/2020 4:54 AM	0.4	0.9	---	-0.8	-0.1
10/28/2020 5:00 AM	0.5	0.9	---	-0.8	-0.1
10/28/2020 5:06 AM	0.5	0.9	---	-0.8	-0.1
10/28/2020 5:12 AM	0.5	0.9	---	-0.8	-0.1
10/28/2020 5:18 AM	0.5	1.0	---	-0.8	-0.1
10/28/2020 5:24 AM	0.5	1.0	---	-0.8	-0.1
10/28/2020 5:30 AM	0.5	1.0	---	-0.8	-0.1
10/28/2020 5:36 AM	0.5	1.1	---	-0.8	-0.1
10/28/2020 5:42 AM	0.5	1.1	---	-0.8	-0.1
10/28/2020 5:48 AM	0.5	1.1	---	-0.8	-0.1
10/28/2020 5:54 AM	0.5	1.2	---	-0.8	-0.1
10/28/2020 6:00 AM	0.4	1.2	---	-0.8	-0.1
10/28/2020 6:06 AM	0.5	1.3	---	-0.8	-0.1
10/28/2020 6:12 AM	0.5	1.3	---	-0.8	-0.1
10/28/2020 6:18 AM	0.4	1.3	---	-0.8	-0.1
10/28/2020 6:24 AM	0.4	1.3	---	-0.8	-0.1
10/28/2020 6:30 AM	0.4	1.4	---	-0.8	-0.1
10/28/2020 6:36 AM	0.3	1.4	---	-0.8	-0.1
10/28/2020 6:42 AM	0.0	1.4	---	-0.8	-0.1
10/28/2020 6:48 AM	0.0	1.4	---	-0.8	-0.1
10/28/2020 6:54 AM	0.0	1.4	---	-0.8	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/28/2020 7:00 AM	0.0	1.4	---	-0.8	-0.1
10/28/2020 7:06 AM	0.0	1.5	---	-0.8	-0.1
10/28/2020 7:12 AM	0.2	1.5	---	-0.8	-0.1
10/28/2020 7:18 AM	0.2	1.5	---	-0.8	0.0
10/28/2020 7:24 AM	0.1	1.5	---	-0.8	4.6
10/28/2020 7:30 AM	0.0	1.5	---	-0.8	11.1
10/28/2020 7:36 AM	-0.3	1.5	---	-0.8	8.5
10/28/2020 7:42 AM	-0.5	1.5	---	-0.8	5.9
10/28/2020 7:48 AM	-0.6	1.5	---	-0.8	5.4
10/28/2020 7:54 AM	-0.6	1.6	---	-0.8	5.3
10/28/2020 8:00 AM	-0.6	1.6	---	-0.8	4.8
10/28/2020 8:06 AM	-0.7	1.6	---	-0.8	4.2
10/28/2020 8:12 AM	-0.6	1.6	---	-0.8	3.7
10/28/2020 8:18 AM	-0.6	1.6	---	-0.8	3.4
10/28/2020 8:24 AM	-0.6	1.6	---	-0.8	3.2
10/28/2020 8:30 AM	-0.6	1.6	---	-0.8	3.1
10/28/2020 8:36 AM	-0.6	1.7	---	-0.8	2.8
10/28/2020 8:42 AM	-0.6	1.7	---	-0.8	2.7
10/28/2020 8:48 AM	-0.6	1.7	---	-0.8	2.7
10/28/2020 8:54 AM	-0.6	1.7	---	-0.8	2.7
10/28/2020 9:00 AM	-0.6	1.7	---	-0.8	2.6
10/28/2020 9:06 AM	-0.6	1.7	---	-0.8	2.6
10/28/2020 9:12 AM	-0.6	1.7	---	-0.8	2.6
10/28/2020 9:18 AM	-0.6	1.7	---	-0.8	2.4
10/28/2020 9:24 AM	-0.6	1.7	---	-0.8	2.4
10/28/2020 9:30 AM	-0.6	1.7	---	-0.8	2.4
10/28/2020 9:36 AM	-0.6	1.8	---	-0.8	2.4
10/28/2020 9:42 AM	-0.6	1.7	---	-0.8	2.5
10/28/2020 9:48 AM	-0.6	1.7	---	-0.8	2.5
10/28/2020 9:54 AM	-0.6	1.7	---	-0.8	2.6
10/28/2020 10:00 AM	-0.6	1.7	---	-0.8	2.7
10/28/2020 10:06 AM	-0.6	1.7	---	-0.8	2.6
10/28/2020 10:12 AM	-0.6	1.6	---	-0.8	2.5
10/28/2020 10:18 AM	-0.6	1.6	---	-0.8	2.6
10/28/2020 10:24 AM	-0.6	1.6	---	-0.8	2.6
10/28/2020 10:30 AM	-0.6	1.5	---	-0.8	2.7
10/28/2020 10:36 AM	-0.5	1.5	---	-0.7	2.6
10/28/2020 10:42 AM	-0.5	1.5	---	-0.7	2.6
10/28/2020 10:48 AM	-0.5	1.5	---	-0.7	2.6
10/28/2020 10:54 AM	-0.6	1.5	---	-0.7	2.6
10/28/2020 11:00 AM	-0.6	1.6	---	-0.7	2.6
10/28/2020 11:06 AM	-0.6	1.6	---	-0.7	2.6
10/28/2020 11:12 AM	-0.5	1.6	---	-0.7	2.6
10/28/2020 11:18 AM	-0.5	1.7	---	-0.7	2.6
10/28/2020 11:24 AM	-0.6	1.7	---	-0.7	2.6
10/28/2020 11:30 AM	-0.6	1.7	---	-0.7	2.6
10/28/2020 11:36 AM	-0.6	1.7	---	-0.7	2.5
10/28/2020 11:42 AM	-0.6	1.6	---	-0.7	2.5
10/28/2020 11:48 AM	-0.6	1.6	---	-0.7	2.5
10/28/2020 11:54 AM	<Samp	<Samp	---	<Samp	<Samp

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/28/2020 12:00 PM	Calib	Calib	---	Calib	Calib
10/28/2020 12:06 PM	-0.8	1.7	---	-0.7	2.5
10/28/2020 12:12 PM	-0.8	1.7	---	-0.7	2.6
10/28/2020 12:18 PM	-0.8	1.8	---	-0.7	2.6
10/28/2020 12:24 PM	-0.8	1.8	---	-0.7	2.7
10/28/2020 12:30 PM	-0.8	1.9	---	-0.7	2.7
10/28/2020 12:36 PM	-0.8	2.0	---	-0.7	2.6
10/28/2020 12:42 PM	-0.8	2.1	---	-0.8	2.6
10/28/2020 12:48 PM	-0.8	2.2	---	-0.8	2.6
10/28/2020 12:54 PM	-0.8	2.2	---	-0.8	2.7
10/28/2020 1:00 PM	-0.8	2.3	---	-0.8	2.8
10/28/2020 1:06 PM	-0.8	2.4	---	-0.8	2.8
10/28/2020 1:12 PM	-0.8	2.4	---	-0.8	2.8
10/28/2020 1:18 PM	-0.8	2.5	---	-0.8	2.8
10/28/2020 1:24 PM	-0.8	2.6	---	-0.8	2.9
10/28/2020 1:30 PM	-0.7	2.6	---	-0.8	2.9
10/28/2020 1:36 PM	-0.7	2.6	---	-0.8	2.9
10/28/2020 1:42 PM	-0.7	2.5	---	-0.8	2.9
10/28/2020 1:48 PM	-0.7	2.4	---	-0.8	2.9
10/28/2020 1:54 PM	-0.7	2.4	---	-0.7	2.9
10/28/2020 2:00 PM	-0.7	2.4	---	-0.7	2.9
10/28/2020 2:06 PM	-0.7	2.3	---	-0.7	2.9
10/28/2020 2:12 PM	-0.7	2.3	---	-0.7	2.9
10/28/2020 2:18 PM	-0.7	2.2	---	-0.7	2.8
10/28/2020 2:24 PM	-0.7	2.2	---	-0.7	2.7
10/28/2020 2:30 PM	-0.7	2.2	---	-0.7	2.6
10/28/2020 2:36 PM	-0.7	2.2	---	-0.7	2.5
10/28/2020 2:42 PM	-0.8	2.3	---	-0.7	2.5
10/28/2020 2:48 PM	-0.8	2.3	---	-0.7	2.6
10/28/2020 2:54 PM	-0.7	2.3	---	-0.7	2.7
10/28/2020 3:00 PM	-0.8	2.3	---	-0.7	2.8
10/28/2020 3:06 PM	-0.7	2.3	---	-0.7	2.8
10/28/2020 3:12 PM	-0.7	2.3	---	-0.8	2.9
10/28/2020 3:18 PM	-0.7	2.3	---	-0.8	2.9
10/28/2020 3:24 PM	-0.8	2.3	---	-0.7	2.9
10/28/2020 3:30 PM	-0.8	2.3	---	-0.7	3.0
10/28/2020 3:36 PM	-0.7	2.3	---	-0.7	2.9
10/28/2020 3:42 PM	-0.7	2.3	---	-0.7	2.9
10/28/2020 3:48 PM	-0.7	2.2	---	-0.7	2.9
10/28/2020 3:54 PM	-0.7	2.2	---	-0.8	2.9
10/28/2020 4:00 PM	-0.7	2.1	---	-0.8	2.9
10/28/2020 4:06 PM	-0.7	2.1	---	-0.7	2.8
10/28/2020 4:12 PM	-0.7	2.0	---	-0.7	2.8
10/28/2020 4:18 PM	-0.7	2.0	---	-0.7	2.9
10/28/2020 4:24 PM	-0.7	2.0	---	-0.7	3.0
10/28/2020 4:30 PM	-0.7	2.0	---	-0.7	2.9
10/28/2020 4:36 PM	-0.7	2.0	---	-0.8	2.9
10/28/2020 4:42 PM	-0.7	2.0	---	-0.8	3.0
10/28/2020 4:48 PM	-0.7	1.9	---	-0.7	3.0
10/28/2020 4:54 PM	-0.7	1.9	---	-0.7	2.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/28/2020 5:00 PM	-0.7	1.9	---	-0.7	2.9
10/28/2020 5:06 PM	-0.7	1.9	---	-0.7	2.9
10/28/2020 5:12 PM	-0.7	1.9	---	-0.7	2.9
10/28/2020 5:18 PM	-0.7	1.9	---	-0.7	2.9
10/28/2020 5:24 PM	-0.7	1.9	---	-0.7	2.8
10/28/2020 5:30 PM	-0.7	1.9	---	-0.8	2.6
10/28/2020 5:36 PM	-0.7	1.9	---	-0.8	2.6
10/28/2020 5:42 PM	-0.7	1.9	---	-0.8	2.7
10/28/2020 5:48 PM	-0.7	1.9	---	-0.7	2.5
10/28/2020 5:54 PM	-0.7	1.9	---	-0.7	2.1
10/28/2020 6:00 PM	-0.7	1.9	---	-0.8	2.0
10/28/2020 6:06 PM	-0.7	1.9	---	-0.7	2.0
10/28/2020 6:12 PM	-0.7	1.9	---	-0.7	2.0
10/28/2020 6:18 PM	-0.7	1.9	---	-0.7	2.0
10/28/2020 6:24 PM	-0.7	1.8	---	-0.8	2.0
10/28/2020 6:30 PM	-0.7	1.8	---	-0.7	2.0
10/28/2020 6:36 PM	-0.7	1.8	---	-0.7	2.6
10/28/2020 6:42 PM	-0.7	1.8	---	-0.7	2.7
10/28/2020 6:48 PM	-0.7	1.7	---	-0.7	2.6
10/28/2020 6:54 PM	-0.7	1.7	---	-0.7	2.6
10/28/2020 7:00 PM	-0.7	1.7	---	-0.7	2.6
10/28/2020 7:06 PM	-0.7	1.7	---	-0.7	2.7
10/28/2020 7:12 PM	-0.7	1.7	---	-0.7	2.7
10/28/2020 7:18 PM	-0.7	1.7	---	-0.7	2.8
10/28/2020 7:24 PM	-0.7	1.7	---	-0.7	2.8
10/28/2020 7:30 PM	-0.7	1.7	---	-0.7	2.8
10/28/2020 7:36 PM	-0.7	1.6	---	-0.7	2.8
10/28/2020 7:42 PM	-0.7	1.6	---	-0.7	2.6
10/28/2020 7:48 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 7:54 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:00 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:06 PM	-0.7	1.6	---	-0.7	2.4
10/28/2020 8:12 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:18 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:24 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:30 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:36 PM	-0.7	1.6	---	-0.7	2.3
10/28/2020 8:42 PM	-0.7	1.5	---	-0.7	2.4
10/28/2020 8:48 PM	-0.7	1.5	---	-0.7	2.4
10/28/2020 8:54 PM	-0.7	1.5	---	-0.7	2.4
10/28/2020 9:00 PM	-0.7	1.5	---	-0.7	2.4
10/28/2020 9:06 PM	-0.7	1.5	---	-0.7	2.3
10/28/2020 9:12 PM	-0.7	1.5	---	-0.7	2.3
10/28/2020 9:18 PM	-0.7	1.5	---	-0.7	2.3
10/28/2020 9:24 PM	-0.7	1.5	---	-0.7	2.3
10/28/2020 9:30 PM	-0.7	1.5	---	-0.7	2.3
10/28/2020 9:36 PM	-0.7	1.5	---	-0.7	2.2
10/28/2020 9:42 PM	-0.7	1.5	---	-0.7	2.2
10/28/2020 9:48 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 9:54 PM	-0.7	1.4	---	-0.7	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/28/2020 10:00 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:06 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:12 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:18 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:24 PM	-0.7	1.4	---	-0.7	2.3
10/28/2020 10:30 PM	-0.7	1.4	---	-0.7	2.3
10/28/2020 10:36 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:42 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:48 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 10:54 PM	-0.7	1.4	---	-0.7	2.2
10/28/2020 11:00 PM	-0.7	1.3	---	-0.7	2.2
10/28/2020 11:06 PM	-0.7	1.3	---	-0.7	2.2
10/28/2020 11:12 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:18 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:24 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:30 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:36 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:42 PM	-0.7	1.3	---	-0.7	2.1
10/28/2020 11:48 PM	-0.7	1.4	---	-0.7	2.1
10/28/2020 11:54 PM	-0.7	1.4	---	-0.7	2.1
10/29/2020 12:00 AM	-0.7	1.4	---	-0.7	2.1
10/29/2020 12:06 AM	-0.7	1.4	---	-0.7	2.1
10/29/2020 12:12 AM	1.9	1.4	---	-0.7	2.1
10/29/2020 12:18 AM	2.6	1.4	---	11.5	2.1
10/29/2020 12:24 AM	0.5	1.4	---	8.7	1.2
10/29/2020 12:30 AM	0.3	1.4	---	0.8	0.0
10/29/2020 12:36 AM	0.1	1.4	---	0.2	-0.1
10/29/2020 12:42 AM	-0.2	1.4	---	-0.2	-0.1
10/29/2020 12:48 AM	-0.4	1.3	---	-0.4	-0.1
10/29/2020 12:54 AM	-0.5	1.3	---	-0.6	-0.1
10/29/2020 1:00 AM	-0.6	1.3	---	-0.7	-0.1
10/29/2020 1:06 AM	-0.6	1.3	---	-0.7	-0.1
10/29/2020 1:12 AM	-0.7	1.2	---	-0.7	-0.1
10/29/2020 1:18 AM	-0.7	1.2	---	-0.7	-0.1
10/29/2020 1:24 AM	-0.7	1.2	---	-0.7	-0.1
10/29/2020 1:30 AM	-0.7	1.2	---	-0.7	-0.1
10/29/2020 1:36 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 1:42 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 1:48 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 1:54 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 2:00 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 2:06 AM	-0.7	1.1	---	-0.7	-0.1
10/29/2020 2:12 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:18 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:24 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:30 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:36 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:42 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:48 AM	-0.7	1.0	---	-0.7	-0.1
10/29/2020 2:54 AM	-0.7	0.9	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 3:00 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:06 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:12 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:18 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:24 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:30 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:36 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:42 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:48 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 3:54 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:00 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:06 AM	-0.7	0.9	---	-0.7	-0.2
10/29/2020 4:12 AM	-0.7	0.9	---	-0.7	-0.2
10/29/2020 4:18 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:24 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:30 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:36 AM	-0.7	0.9	---	-0.7	-0.1
10/29/2020 4:42 AM	-0.7	0.8	---	-0.7	-0.1
10/29/2020 4:48 AM	-0.7	0.8	---	-0.7	-0.1
10/29/2020 4:54 AM	-0.7	0.8	---	-0.7	-0.1
10/29/2020 5:00 AM	-0.7	0.8	---	-0.7	-0.1
10/29/2020 5:06 AM	-0.7	0.8	---	-0.7	-0.1
10/29/2020 5:12 AM	-0.7	0.8	---	-0.6	-0.1
10/29/2020 5:18 AM	-0.7	0.8	---	-0.6	-0.1
10/29/2020 5:24 AM	-0.7	0.7	---	-0.6	-0.1
10/29/2020 5:30 AM	-0.7	0.6	---	-0.6	-0.1
10/29/2020 5:36 AM	-0.7	0.4	---	-0.6	-0.1
10/29/2020 5:42 AM	-0.7	0.3	---	-0.6	-0.1
10/29/2020 5:48 AM	-0.8	0.3	---	-0.6	-0.1
10/29/2020 5:54 AM	-0.8	0.3	---	-0.6	-0.1
10/29/2020 6:00 AM	-0.7	0.3	---	-0.6	-0.1
10/29/2020 6:06 AM	-0.8	0.4	---	-0.6	-0.1
10/29/2020 6:12 AM	-0.8	0.4	---	-0.6	-0.1
10/29/2020 6:18 AM	-0.8	0.4	---	-0.6	-0.1
10/29/2020 6:24 AM	-0.8	0.5	---	-0.6	5.6
10/29/2020 6:30 AM	-0.8	0.6	---	-0.5	10.3
10/29/2020 6:36 AM	-0.8	0.7	---	-0.5	7.1
10/29/2020 6:42 AM	-0.8	0.7	---	-0.5	5.1
10/29/2020 6:48 AM	-0.8	0.8	---	-0.5	3.8
10/29/2020 6:54 AM	-0.8	0.9	---	-0.5	3.2
10/29/2020 7:00 AM	-0.8	0.9	---	-0.5	2.9
10/29/2020 7:06 AM	-0.8	1.0	---	-0.5	2.9
10/29/2020 7:12 AM	-0.8	1.0	---	-0.5	2.9
10/29/2020 7:18 AM	-0.8	1.1	---	-0.5	2.8
10/29/2020 7:24 AM	-0.8	1.2	---	-0.5	2.8
10/29/2020 7:30 AM	-0.8	1.2	---	-0.5	2.7
10/29/2020 7:36 AM	-0.8	1.3	---	-0.5	2.7
10/29/2020 7:42 AM	-0.8	1.4	---	-0.5	2.7
10/29/2020 7:48 AM	-0.8	1.5	---	-0.5	2.6
10/29/2020 7:54 AM	-0.8	1.5	---	-0.5	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 8:00 AM	-0.8	1.6	---	-0.5	2.4
10/29/2020 8:06 AM	-0.8	1.6	---	-0.5	2.4
10/29/2020 8:12 AM	-0.8	1.7	---	-0.5	2.4
10/29/2020 8:18 AM	-0.8	1.7	---	-0.5	2.4
10/29/2020 8:24 AM	-0.8	1.7	---	-0.5	2.3
10/29/2020 8:30 AM	-0.8	1.7	---	-0.5	2.2
10/29/2020 8:36 AM	-0.8	1.7	---	-0.5	2.3
10/29/2020 8:42 AM	-0.8	1.7	---	-0.5	2.7
10/29/2020 8:48 AM	-0.8	1.7	---	-0.5	2.9
10/29/2020 8:54 AM	-0.8	1.7	---	-0.5	2.9
10/29/2020 9:00 AM	-0.8	1.8	---	-0.5	2.8
10/29/2020 9:06 AM	-0.8	1.8	---	-0.5	2.7
10/29/2020 9:12 AM	-0.8	1.8	---	-0.5	6.2
10/29/2020 9:18 AM	-0.8	1.9	---	-0.5	10.0
10/29/2020 9:24 AM	-0.8	1.9	---	-0.5	9.2
10/29/2020 9:30 AM	-0.8	1.9	---	-0.5	8.5
10/29/2020 9:36 AM	-0.8	1.9	---	11.4	7.0
10/29/2020 9:42 AM	-0.8	2.0	---	20.3	3.9
10/29/2020 9:48 AM	-0.8	2.0	---	13.6	2.8
10/29/2020 9:54 AM	-0.8	2.0	---	9.6	3.3
10/29/2020 10:00 AM	-0.8	1.9	---	7.4	4.1
10/29/2020 10:06 AM	-0.8	1.8	---	7.2	4.7
10/29/2020 10:12 AM	-0.8	1.8	---	8.8	7.0
10/29/2020 10:18 AM	-0.8	1.8	---	9.5	8.2
10/29/2020 10:24 AM	-0.8	1.8	---	11.3	7.7
10/29/2020 10:30 AM	-0.8	1.8	---	10.7	7.5
10/29/2020 10:36 AM	-0.8	1.8	---	8.8	7.5
10/29/2020 10:42 AM	7.0	1.8	---	8.1	7.6
10/29/2020 10:48 AM	8.6	1.8	---	7.6	7.5
10/29/2020 10:54 AM	3.3	1.8	---	7.1	7.3
10/29/2020 11:00 AM	4.3	1.8	---	6.9	7.6
10/29/2020 11:06 AM	2.9	1.8	---	6.9	7.3
10/29/2020 11:12 AM	2.8	1.8	---	6.8	6.8
10/29/2020 11:18 AM	2.0	1.9	---	6.6	6.4
10/29/2020 11:24 AM	0.9	1.9	---	6.5	6.2
10/29/2020 11:30 AM	0.6	2.0	---	6.6	6.0
10/29/2020 11:36 AM	0.8	2.0	---	6.2	5.8
10/29/2020 11:42 AM	0.8	2.0	---	5.2	6.0
10/29/2020 11:48 AM	0.3	2.0	---	4.9	5.9
10/29/2020 11:54 AM	0.1	2.0	---	5.0	5.8
10/29/2020 12:00 PM	-0.1	2.0	---	5.0	5.9
10/29/2020 12:06 PM	-0.7	2.0	---	5.0	6.0
10/29/2020 12:12 PM	-0.7	2.0	---	5.3	6.0
10/29/2020 12:18 PM	-0.7	2.0	---	5.3	5.9
10/29/2020 12:24 PM	-0.7	2.1	---	5.1	5.9
10/29/2020 12:30 PM	-0.8	2.2	---	4.8	5.7
10/29/2020 12:36 PM	-0.8	2.2	---	4.5	5.6
10/29/2020 12:42 PM	-0.9	2.2	---	4.7	5.5
10/29/2020 12:48 PM	-0.9	2.2	---	4.9	5.5
10/29/2020 12:54 PM	-0.9	2.1	---	5.2	5.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 1:00 PM	-1.0	2.2	---	5.1	5.7
10/29/2020 1:06 PM	-1.0	2.2	---	4.7	5.7
10/29/2020 1:12 PM	-0.9	2.3	---	4.7	5.8
10/29/2020 1:18 PM	-0.9	2.3	---	5.1	5.8
10/29/2020 1:24 PM	-0.9	2.4	---	5.5	5.7
10/29/2020 1:30 PM	-0.9	2.4	---	5.1	5.8
10/29/2020 1:36 PM	-1.0	2.5	---	4.3	5.7
10/29/2020 1:42 PM	-1.0	2.5	---	4.2	5.5
10/29/2020 1:48 PM	-1.0	2.5	---	4.3	5.5
10/29/2020 1:54 PM	-1.0	2.6	---	4.3	5.4
10/29/2020 2:00 PM	-1.0	2.6	---	4.5	5.2
10/29/2020 2:06 PM	-1.0	2.6	---	4.4	5.2
10/29/2020 2:12 PM	-1.0	2.6	---	4.1	5.2
10/29/2020 2:18 PM	-1.0	2.6	---	4.1	5.2
10/29/2020 2:24 PM	-1.0	2.6	---	4.2	5.2
10/29/2020 2:30 PM	-1.0	2.7	---	4.1	5.3
10/29/2020 2:36 PM	-1.0	2.7	---	4.4	5.3
10/29/2020 2:42 PM	-1.0	2.7	---	4.4	5.3
10/29/2020 2:48 PM	-1.0	2.7	---	4.4	5.4
10/29/2020 2:54 PM	-1.0	2.7	---	4.3	5.5
10/29/2020 3:00 PM	-1.0	2.7	---	4.6	5.5
10/29/2020 3:06 PM	-1.0	2.7	---	4.5	5.6
10/29/2020 3:12 PM	-1.0	2.8	---	4.3	5.5
10/29/2020 3:18 PM	-1.0	2.7	---	4.2	5.2
10/29/2020 3:24 PM	-1.1	2.8	---	4.5	5.3
10/29/2020 3:30 PM	-1.1	2.8	---	4.9	5.5
10/29/2020 3:36 PM	-1.0	2.9	---	4.8	5.5
10/29/2020 3:42 PM	-1.0	2.9	---	4.8	5.5
10/29/2020 3:48 PM	-1.0	3.0	---	4.6	5.5
10/29/2020 3:54 PM	-1.1	3.0	---	4.5	5.4
10/29/2020 4:00 PM	-1.1	3.0	---	4.5	5.5
10/29/2020 4:06 PM	-1.1	3.0	---	4.4	5.7
10/29/2020 4:12 PM	-1.1	3.0	---	4.7	5.7
10/29/2020 4:18 PM	-1.1	3.0	---	4.9	5.6
10/29/2020 4:24 PM	-1.1	2.9	---	4.8	5.5
10/29/2020 4:30 PM	-1.1	2.9	---	4.8	5.4
10/29/2020 4:36 PM	-1.1	2.9	---	4.7	5.6
10/29/2020 4:42 PM	-1.1	2.9	---	4.6	5.5
10/29/2020 4:48 PM	-1.1	2.9	---	4.7	5.2
10/29/2020 4:54 PM	-1.1	2.8	---	4.8	5.1
10/29/2020 5:00 PM	-1.1	2.8	---	4.8	5.0
10/29/2020 5:06 PM	-1.1	2.8	---	4.9	4.9
10/29/2020 5:12 PM	-1.1	2.7	---	4.9	4.9
10/29/2020 5:18 PM	-1.1	2.7	---	4.9	4.8
10/29/2020 5:24 PM	-1.1	2.6	---	4.8	4.7
10/29/2020 5:30 PM	-1.1	2.6	---	4.7	4.6
10/29/2020 5:36 PM	-1.2	2.5	---	4.7	4.5
10/29/2020 5:42 PM	-1.2	2.5	---	4.5	4.6
10/29/2020 5:48 PM	-1.2	2.4	---	4.5	4.6
10/29/2020 5:54 PM	-1.1	2.4	---	4.7	4.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 6:00 PM	-1.1	2.4	---	5.1	4.5
10/29/2020 6:06 PM	-1.1	2.4	---	5.2	4.6
10/29/2020 6:12 PM	-1.1	2.3	---	4.9	4.6
10/29/2020 6:18 PM	-1.1	2.3	---	4.9	4.7
10/29/2020 6:24 PM	-1.1	2.3	---	5.0	4.6
10/29/2020 6:30 PM	-1.1	2.2	---	4.8	4.7
10/29/2020 6:36 PM	-1.1	2.2	---	4.8	4.6
10/29/2020 6:42 PM	-1.1	2.2	---	4.8	4.5
10/29/2020 6:48 PM	-1.1	2.2	---	4.9	4.6
10/29/2020 6:54 PM	-1.0	2.1	---	5.0	4.6
10/29/2020 7:00 PM	-1.0	2.2	---	5.0	4.6
10/29/2020 7:06 PM	-1.0	2.2	---	4.9	4.5
10/29/2020 7:12 PM	-1.0	2.2	---	4.7	4.5
10/29/2020 7:18 PM	-1.0	2.2	---	4.9	4.5
10/29/2020 7:24 PM	-1.0	2.2	---	4.9	4.4
10/29/2020 7:30 PM	-1.0	2.3	---	5.0	4.4
10/29/2020 7:36 PM	-1.0	2.3	---	4.9	4.4
10/29/2020 7:42 PM	-1.1	2.3	---	4.9	4.3
10/29/2020 7:48 PM	-1.1	2.3	---	4.9	4.4
10/29/2020 7:54 PM	-1.1	2.4	---	4.7	4.4
10/29/2020 8:00 PM	-1.0	2.3	---	4.7	4.4
10/29/2020 8:06 PM	-1.0	2.4	---	4.8	4.5
10/29/2020 8:12 PM	-1.0	2.4	---	4.9	4.5
10/29/2020 8:18 PM	-1.0	2.4	---	4.9	4.5
10/29/2020 8:24 PM	-1.0	2.5	---	5.0	4.4
10/29/2020 8:30 PM	-1.0	2.5	---	4.9	4.5
10/29/2020 8:36 PM	-1.0	2.5	---	4.8	4.5
10/29/2020 8:42 PM	-1.0	2.5	---	4.8	4.5
10/29/2020 8:48 PM	-1.0	2.6	---	5.0	4.4
10/29/2020 8:54 PM	-1.1	2.5	---	5.2	4.4
10/29/2020 9:00 PM	-1.1	2.5	---	5.1	4.4
10/29/2020 9:06 PM	-1.1	2.5	---	4.9	4.5
10/29/2020 9:12 PM	-1.0	2.4	---	4.8	4.6
10/29/2020 9:18 PM	-1.0	2.4	---	4.9	4.6
10/29/2020 9:24 PM	-1.0	2.4	---	5.2	4.7
10/29/2020 9:30 PM	-1.0	2.4	---	5.1	4.7
10/29/2020 9:36 PM	-1.0	2.4	---	4.9	4.5
10/29/2020 9:42 PM	-1.0	2.4	---	4.9	4.4
10/29/2020 9:48 PM	-1.0	2.4	---	5.1	4.4
10/29/2020 9:54 PM	-1.0	2.4	---	4.9	4.5
10/29/2020 10:00 PM	-1.1	2.3	---	4.7	4.5
10/29/2020 10:06 PM	-1.1	2.3	---	4.7	4.5
10/29/2020 10:12 PM	-1.1	2.3	---	4.7	4.4
10/29/2020 10:18 PM	-1.1	2.3	---	4.6	4.3
10/29/2020 10:24 PM	-1.1	2.2	---	3.0	3.3
10/29/2020 10:30 PM	-1.1	2.2	---	1.6	2.5
10/29/2020 10:36 PM	-1.1	2.2	---	0.8	2.1
10/29/2020 10:42 PM	-1.1	2.2	---	0.2	1.7
10/29/2020 10:48 PM	-1.0	2.1	---	-0.1	1.6
10/29/2020 10:54 PM	-1.0	2.1	---	-0.6	1.7

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/29/2020 11:00 PM	-1.1	2.1	---	-0.6	1.8
10/29/2020 11:06 PM	-1.1	2.1	---	-0.6	1.9
10/29/2020 11:12 PM	-1.1	2.1	---	-0.6	1.9
10/29/2020 11:18 PM	-1.1	2.0	---	-0.7	2.0
10/29/2020 11:24 PM	-1.1	2.0	---	-0.7	2.0
10/29/2020 11:30 PM	-1.1	1.9	---	-0.7	2.0
10/29/2020 11:36 PM	-1.1	1.9	---	-0.7	2.2
10/29/2020 11:42 PM	-1.4	1.8	---	-0.7	2.4
10/29/2020 11:48 PM	-1.8	1.7	---	-0.7	2.4
10/29/2020 11:54 PM	-1.9	1.7	---	-0.7	2.5
10/30/2020 12:00 AM	-1.9	1.7	---	-0.7	2.8
10/30/2020 12:06 AM	-1.8	1.6	---	-0.7	2.9
10/30/2020 12:12 AM	-1.9	1.6	---	-0.7	3.4
10/30/2020 12:18 AM	-1.8	1.6	---	-0.7	4.0
10/30/2020 12:24 AM	-1.8	1.6	---	-0.7	4.0
10/30/2020 12:30 AM	-1.8	1.6	---	-0.7	3.8
10/30/2020 12:36 AM	-1.8	1.6	---	-0.7	3.7
10/30/2020 12:42 AM	-1.8	1.6	---	-0.7	3.6
10/30/2020 12:48 AM	-1.8	1.6	---	-0.6	3.7
10/30/2020 12:54 AM	-1.8	1.7	---	-0.7	3.7
10/30/2020 1:00 AM	-1.8	1.6	---	-0.7	3.7
10/30/2020 1:06 AM	-1.9	1.6	---	-0.7	3.6
10/30/2020 1:12 AM	-1.8	1.6	---	-0.7	3.0
10/30/2020 1:18 AM	-1.8	1.6	---	-0.7	2.4
10/30/2020 1:24 AM	-1.8	1.6	---	-0.7	2.5
10/30/2020 1:30 AM	-1.8	1.6	---	-0.7	2.6
10/30/2020 1:36 AM	-1.8	1.5	---	-0.7	2.6
10/30/2020 1:42 AM	-1.8	1.6	---	-0.7	2.6
10/30/2020 1:48 AM	-1.8	1.6	---	-0.7	2.7
10/30/2020 1:54 AM	-1.8	1.6	---	-0.7	2.7
10/30/2020 2:00 AM	-1.8	1.6	---	-0.6	2.6
10/30/2020 2:06 AM	-1.8	1.6	---	-0.6	2.7
10/30/2020 2:12 AM	-1.8	1.7	---	-0.7	3.0
10/30/2020 2:18 AM	-1.8	1.7	---	-0.7	3.1
10/30/2020 2:24 AM	-1.8	1.6	---	-0.7	3.1
10/30/2020 2:30 AM	-1.8	1.6	---	-0.7	3.1
10/30/2020 2:36 AM	-1.8	1.6	---	-0.7	3.2
10/30/2020 2:42 AM	-1.8	1.6	---	-0.7	3.2
10/30/2020 2:48 AM	-1.8	1.6	---	-0.7	3.1
10/30/2020 2:54 AM	-1.8	1.6	---	-0.7	3.1
10/30/2020 3:00 AM	-1.8	1.6	---	-0.7	3.1
10/30/2020 3:06 AM	-1.8	1.6	---	-0.7	3.0
10/30/2020 3:12 AM	-1.8	1.6	---	-0.7	3.0
10/30/2020 3:18 AM	-1.8	1.5	---	-0.6	3.0
10/30/2020 3:24 AM	-1.8	1.5	---	-0.7	3.1
10/30/2020 3:30 AM	-1.8	1.4	---	-0.7	3.1
10/30/2020 3:36 AM	-1.8	1.4	---	-0.6	3.1
10/30/2020 3:42 AM	-1.8	1.4	---	-0.7	3.0
10/30/2020 3:48 AM	-1.8	1.4	---	-0.7	3.0
10/30/2020 3:54 AM	-1.8	1.4	---	-0.6	3.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/30/2020 4:00 AM	-1.9	1.4	---	-0.7	3.0
10/30/2020 4:06 AM	-1.9	1.4	---	-0.7	3.0
10/30/2020 4:12 AM	-1.9	1.4	---	-0.6	3.0
10/30/2020 4:18 AM	-1.8	1.4	---	-0.7	2.9
10/30/2020 4:24 AM	-1.8	1.5	---	-0.7	2.8
10/30/2020 4:30 AM	-1.8	1.5	---	-0.6	3.2
10/30/2020 4:36 AM	-1.8	1.5	---	-0.6	3.9
10/30/2020 4:42 AM	-1.8	1.4	---	-0.6	4.1
10/30/2020 4:48 AM	-1.8	1.4	---	-0.6	4.1
10/30/2020 4:54 AM	-1.8	1.4	---	-0.6	4.1
10/30/2020 5:00 AM	-1.9	1.4	---	-0.6	4.0
10/30/2020 5:06 AM	-1.9	1.3	---	2.2	4.0
10/30/2020 5:12 AM	-1.9	1.3	---	7.4	3.6
10/30/2020 5:18 AM	-1.8	1.2	---	6.5	2.9
10/30/2020 5:24 AM	-1.8	1.3	---	3.2	2.9
10/30/2020 5:30 AM	-1.8	1.3	---	2.3	2.9
10/30/2020 5:36 AM	-1.8	1.3	---	1.9	2.9
10/30/2020 5:42 AM	-1.8	1.3	---	1.9	3.0
10/30/2020 5:48 AM	-1.8	1.2	---	2.0	3.0
10/30/2020 5:54 AM	-1.8	1.2	---	2.0	2.9
10/30/2020 6:00 AM	-1.8	1.2	---	2.4	2.9
10/30/2020 6:06 AM	-1.8	1.1	---	3.0	2.9
10/30/2020 6:12 AM	-1.8	1.1	---	2.9	3.0
10/30/2020 6:18 AM	-1.8	1.1	---	3.0	3.0
10/30/2020 6:24 AM	-1.8	1.1	---	3.7	3.2
10/30/2020 6:30 AM	-1.9	0.9	---	4.1	3.4
10/30/2020 6:36 AM	-1.9	0.9	---	4.1	3.4
10/30/2020 6:42 AM	-1.9	0.8	---	4.0	3.3
10/30/2020 6:48 AM	-0.3	0.8	---	3.7	3.2
10/30/2020 6:54 AM	-0.2	0.9	---	3.4	3.3
10/30/2020 7:00 AM	-0.6	0.9	---	3.4	3.3
10/30/2020 7:06 AM	-0.6	0.8	---	3.3	3.3
10/30/2020 7:12 AM	-0.7	0.8	---	3.4	3.2
10/30/2020 7:18 AM	-0.6	0.8	---	3.5	3.2
10/30/2020 7:24 AM	-0.4	0.7	---	3.6	3.2
10/30/2020 7:30 AM	-0.6	0.7	---	3.7	3.2
10/30/2020 7:36 AM	-0.9	0.7	---	3.7	3.1
10/30/2020 7:42 AM	-1.0	0.7	---	3.7	3.1
10/30/2020 7:48 AM	-1.1	0.7	---	3.7	3.1
10/30/2020 7:54 AM	-1.1	0.8	---	3.7	3.2
10/30/2020 8:00 AM	-1.1	0.8	---	3.7	3.2
10/30/2020 8:06 AM	-1.1	0.8	---	3.8	3.1
10/30/2020 8:12 AM	-1.2	0.9	---	3.7	3.1
10/30/2020 8:18 AM	-1.2	0.9	---	3.8	3.0
10/30/2020 8:24 AM	-1.2	0.8	---	3.8	3.0
10/30/2020 8:30 AM	-1.2	0.8	---	3.9	3.0
10/30/2020 8:36 AM	-1.2	0.8	---	3.9	3.0
10/30/2020 8:42 AM	-1.3	0.8	---	3.9	3.0
10/30/2020 8:48 AM	-1.3	0.8	---	3.8	3.0
10/30/2020 8:54 AM	-1.3	0.8	---	3.8	3.0

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/30/2020 9:00 AM	-1.3	0.8	---	3.8	3.0
10/30/2020 9:06 AM	-1.3	0.8	---	3.8	3.1
10/30/2020 9:12 AM	-1.4	0.9	---	3.8	3.1
10/30/2020 9:18 AM	-1.5	0.8	---	3.7	3.0
10/30/2020 9:24 AM	-1.4	0.8	---	3.6	2.9
10/30/2020 9:30 AM	-1.7	0.8	---	2.6	2.5
10/30/2020 9:36 AM	-2.0	0.9	---	2.0	2.2
10/30/2020 9:42 AM	-2.099B	0.9	---	2.2	2.2
10/30/2020 9:48 AM	-2.15B	0.9	---	2.1	2.2
10/30/2020 9:54 AM	-2.131B	1.0	---	2.2	2.2
10/30/2020 10:00 AM	-2.114B	1.0	---	2.3	2.2
10/30/2020 10:06 AM	-2.129B	0.9	---	2.3	2.2
10/30/2020 10:12 AM	-2.146B	0.9	---	2.3	2.2
10/30/2020 10:18 AM	-2.143B	0.9	---	2.3	2.2
10/30/2020 10:24 AM	-2.13B	0.9	---	2.2	2.1
10/30/2020 10:30 AM	-2.13B	0.9	---	2.2	2.1
10/30/2020 10:36 AM	-2.126B	0.9	---	2.2	2.2
10/30/2020 10:42 AM	-2.117B	0.9	---	2.2	2.1
10/30/2020 10:48 AM	-2.092B	0.8	---	1.5	1.8
10/30/2020 10:54 AM	-2.089B	0.8	---	0.7	1.5
10/30/2020 11:00 AM	-2.058B	0.8	---	0.7	1.6
10/30/2020 11:06 AM	-2.055B	0.8	---	0.7	1.7
10/30/2020 11:12 AM	-2.05B	0.8	---	0.7	1.7
10/30/2020 11:18 AM	-2.049B	0.8	---	0.7	1.7
10/30/2020 11:24 AM	-2.044B	0.7	---	0.7	1.7
10/30/2020 11:30 AM	-2.023B	0.7	---	0.7	1.7
10/30/2020 11:36 AM	-2.0	0.7	---	0.8	1.8
10/30/2020 11:42 AM	-2.003B	0.7	---	0.8	1.8
10/30/2020 11:48 AM	-2.0	0.7	---	0.8	1.8
10/30/2020 11:54 AM	-2.0	0.7	---	0.8	1.8
10/30/2020 12:00 PM	-1.8	0.7	---	0.8	1.8
10/30/2020 12:06 PM	-0.8	0.4	---	0.6	1.8
10/30/2020 12:12 PM	-0.8	0.3	---	0.6	1.8
10/30/2020 12:18 PM	-0.9	0.3	---	0.6	1.8
10/30/2020 12:24 PM	-0.8	0.3	---	0.6	1.8
10/30/2020 12:30 PM	-0.8	0.2	---	0.5	1.8
10/30/2020 12:36 PM	-0.9	0.2	---	0.3	1.8
10/30/2020 12:42 PM	-0.9	0.2	---	0.3	1.8
10/30/2020 12:48 PM	-0.8	0.2	---	0.3	1.8
10/30/2020 12:54 PM	-0.8	0.2	---	0.4	1.8
10/30/2020 1:00 PM	-0.8	0.2	---	0.4	1.8
10/30/2020 1:06 PM	-0.8	0.2	---	0.4	1.8
10/30/2020 1:12 PM	-0.8	0.2	---	1.6	1.3
10/30/2020 1:18 PM	-0.8	0.2	---	2.9	0.1
10/30/2020 1:24 PM	-0.8	0.2	---	2.5	-0.1
10/30/2020 1:30 PM	-0.8	0.2	---	2.4	-0.1
10/30/2020 1:36 PM	-0.8	0.3	---	2.4	-0.1
10/30/2020 1:42 PM	-0.8	0.3	---	2.3	-0.1
10/30/2020 1:48 PM	-0.8	0.3	---	2.3	-0.2
10/30/2020 1:54 PM	-0.8	0.2	---	2.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/30/2020 2:00 PM	-0.8	0.2	---	2.1	-0.1
10/30/2020 2:06 PM	-0.8	0.2	---	2.0	-0.1
10/30/2020 2:12 PM	-0.8	0.2	---	2.0	-0.1
10/30/2020 2:18 PM	-0.8	0.2	---	2.0	-0.2
10/30/2020 2:24 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 2:30 PM	-0.8	-0.1	---	1.9	-0.1
10/30/2020 2:36 PM	-0.8	-0.2	---	1.9	-0.2
10/30/2020 2:42 PM	-0.8	-0.3	---	1.9	-0.2
10/30/2020 2:48 PM	-0.8	-0.3	---	1.9	-0.2
10/30/2020 2:54 PM	-0.7	-0.4	---	1.8	-0.2
10/30/2020 3:00 PM	-0.8	-0.4	---	1.7	-0.2
10/30/2020 3:06 PM	-0.7	-0.4	---	1.7	-0.1
10/30/2020 3:12 PM	-0.7	-0.3	---	1.7	-0.1
10/30/2020 3:18 PM	-0.7	-0.2	---	1.6	-0.1
10/30/2020 3:24 PM	-0.7	-0.1	---	1.6	-0.1
10/30/2020 3:30 PM	-0.7	0.0	---	1.6	-0.1
10/30/2020 3:36 PM	-0.7	0.0	---	1.5	-0.2
10/30/2020 3:42 PM	-0.7	0.1	---	1.6	-0.1
10/30/2020 3:48 PM	-0.7	0.2	---	1.6	-0.1
10/30/2020 3:54 PM	-0.7	0.2	---	1.6	-0.1
10/30/2020 4:00 PM	-0.7	0.1	---	1.7	-0.2
10/30/2020 4:06 PM	-0.7	0.0	---	1.7	-0.2
10/30/2020 4:12 PM	-0.7	0.0	---	1.7	-0.2
10/30/2020 4:18 PM	-0.8	0.0	---	1.7	-0.2
10/30/2020 4:24 PM	-0.8	0.0	---	1.7	-0.2
10/30/2020 4:30 PM	-0.8	0.0	---	1.8	-0.2
10/30/2020 4:36 PM	-0.8	0.0	---	1.7	-0.1
10/30/2020 4:42 PM	-0.8	0.0	---	1.7	-0.2
10/30/2020 4:48 PM	-0.8	0.0	---	1.8	-0.1
10/30/2020 4:54 PM	-0.8	0.0	---	1.8	-0.1
10/30/2020 5:00 PM	-0.8	0.0	---	1.9	-0.2
10/30/2020 5:06 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 5:12 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 5:18 PM	-0.8	0.1	---	1.8	-0.2
10/30/2020 5:24 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 5:30 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 5:36 PM	-0.8	0.1	---	1.9	-0.2
10/30/2020 5:42 PM	-0.8	0.1	---	1.8	-0.2
10/30/2020 5:48 PM	-0.8	0.1	---	1.7	-0.2
10/30/2020 5:54 PM	-0.8	0.2	---	1.8	-0.2
10/30/2020 6:00 PM	-0.8	0.3	---	1.8	-0.2
10/30/2020 6:06 PM	-0.8	0.3	---	1.8	-0.2
10/30/2020 6:12 PM	-0.8	0.3	---	1.8	-0.2
10/30/2020 6:18 PM	-0.8	0.3	---	1.7	-0.2
10/30/2020 6:24 PM	-0.8	0.2	---	1.7	-0.2
10/30/2020 6:30 PM	-0.8	0.1	---	1.8	-0.2
10/30/2020 6:36 PM	-0.8	0.1	---	1.8	-0.2
10/30/2020 6:42 PM	-0.8	0.1	---	1.8	-0.2
10/30/2020 6:48 PM	-0.8	0.1	---	1.8	-0.1
10/30/2020 6:54 PM	-0.8	0.2	---	1.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/30/2020 7:00 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:06 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:12 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:18 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:24 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:30 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:36 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:42 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:48 PM	-0.8	0.2	---	1.6	-0.2
10/30/2020 7:54 PM	-0.8	0.3	---	1.7	-0.2
10/30/2020 8:00 PM	-0.8	0.3	---	1.7	-0.2
10/30/2020 8:06 PM	-0.8	0.2	---	1.7	-0.2
10/30/2020 8:12 PM	-0.8	0.2	---	1.7	-0.2
10/30/2020 8:18 PM	-0.8	0.1	---	1.6	-0.2
10/30/2020 8:24 PM	-0.8	0.1	---	1.6	-0.2
10/30/2020 8:30 PM	-0.8	0.0	---	1.6	-0.2
10/30/2020 8:36 PM	-0.8	0.0	---	1.6	-0.2
10/30/2020 8:42 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 8:48 PM	-0.8	-0.1	---	1.5	-0.2
10/30/2020 8:54 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:00 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:06 PM	-0.8	-0.1	---	1.5	-0.2
10/30/2020 9:12 PM	-0.8	-0.1	---	1.5	-0.2
10/30/2020 9:18 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:24 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:30 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:36 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 9:42 PM	-0.8	-0.2	---	1.6	-0.2
10/30/2020 9:48 PM	-0.9	-0.1	---	1.7	-0.2
10/30/2020 9:54 PM	-0.9	-0.1	---	1.7	-0.2
10/30/2020 10:00 PM	-0.9	-0.1	---	1.6	-0.2
10/30/2020 10:06 PM	-0.8	-0.1	---	1.6	-0.2
10/30/2020 10:12 PM	-0.8	-0.1	---	1.7	-0.2
10/30/2020 10:18 PM	-0.9	-0.1	---	1.8	-0.2
10/30/2020 10:24 PM	-0.9	-0.1	---	1.8	-0.2
10/30/2020 10:30 PM	-0.9	-0.1	---	1.8	-0.2
10/30/2020 10:36 PM	-0.9	-0.1	---	1.8	-0.2
10/30/2020 10:42 PM	-0.9	-0.1	---	1.7	-0.2
10/30/2020 10:48 PM	-0.9	-0.1	---	1.7	-0.2
10/30/2020 10:54 PM	-0.9	0.0	---	1.7	-0.2
10/30/2020 11:00 PM	-0.9	0.0	---	1.7	-0.2
10/30/2020 11:06 PM	-0.8	0.0	---	1.7	-0.2
10/30/2020 11:12 PM	-0.8	0.0	---	1.8	-0.2
10/30/2020 11:18 PM	-0.9	0.0	---	1.7	-0.2
10/30/2020 11:24 PM	-0.9	0.0	---	1.6	-0.2
10/30/2020 11:30 PM	-0.8	0.0	---	1.6	-0.2
10/30/2020 11:36 PM	-0.8	0.0	---	1.7	-0.2
10/30/2020 11:42 PM	-0.9	0.0	---	1.7	-0.2
10/30/2020 11:48 PM	-0.9	-0.1	---	1.8	-0.2
10/30/2020 11:54 PM	-0.9	-0.1	---	1.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
10/31/2020 12:00 AM	-0.9	-0.1	---	1.7	-0.2
10/31/2020 12:06 AM	-0.9	-0.1	---	1.7	-0.2
10/31/2020 12:12 AM	-0.9	-0.1	---	1.7	-0.2
10/31/2020 12:18 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 12:24 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 12:30 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 12:36 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 12:42 AM	-0.9	-0.2	---	1.8	-0.2
10/31/2020 12:48 AM	-0.9	-0.2	---	1.8	-0.2
10/31/2020 12:54 AM	-0.9	-0.2	---	1.8	-0.2
10/31/2020 1:00 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:06 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:12 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:18 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:24 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:30 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:36 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 1:42 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:48 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 1:54 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 2:00 AM	-0.9	-0.2	---	1.8	-0.2
10/31/2020 2:06 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:12 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:18 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:24 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:30 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:36 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 2:42 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 2:48 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 2:54 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:00 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:06 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:12 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:18 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:24 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:30 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:36 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 3:42 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 3:48 AM	-0.9	-0.2	---	1.5	-0.2
10/31/2020 3:54 AM	-0.9	-0.2	---	1.5	-0.2
10/31/2020 4:00 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 4:06 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 4:12 AM	-0.9	-0.2	---	1.7	-0.2
10/31/2020 4:18 AM	-0.9	-0.2	---	1.6	-0.2
10/31/2020 4:24 AM	-0.9	-0.1	---	0.8	-0.2
10/31/2020 4:30 AM	-0.9	-0.1	---	0.5	-0.2
10/31/2020 4:36 AM	-0.9	-0.1	---	0.5	-0.2
10/31/2020 4:42 AM	-0.9	-0.1	---	0.6	-0.2
10/31/2020 4:48 AM	-0.9	-0.1	---	0.6	-0.2
10/31/2020 4:54 AM	-0.9	-0.1	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/31/2020 5:00 AM	-0.9	-0.1	---	0.7	-0.2
10/31/2020 5:06 AM	-0.9	0.0	---	0.7	-0.2
10/31/2020 5:12 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:18 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:24 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:30 AM	-0.9	0.0	---	0.7	-0.2
10/31/2020 5:36 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:42 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:48 AM	-1.0	0.0	---	0.7	-0.2
10/31/2020 5:54 AM	-1.0	0.1	---	0.7	-0.2
10/31/2020 6:00 AM	-1.0	0.1	---	0.7	-0.2
10/31/2020 6:06 AM	-1.0	0.1	---	0.7	-0.2
10/31/2020 6:12 AM	-1.0	0.1	---	0.7	-0.2
10/31/2020 6:18 AM	-1.0	0.2	---	0.7	-0.2
10/31/2020 6:24 AM	-1.0	0.2	---	0.8	-0.2
10/31/2020 6:30 AM	-1.0	0.3	---	1.8	-0.2
10/31/2020 6:36 AM	-1.0	0.3	---	2.8	-0.2
10/31/2020 6:42 AM	-1.0	0.3	---	2.5	-0.2
10/31/2020 6:48 AM	-1.0	0.3	---	2.5	-0.2
10/31/2020 6:54 AM	-1.0	0.3	---	2.4	-0.2
10/31/2020 7:00 AM	-1.0	0.4	---	2.4	-0.2
10/31/2020 7:06 AM	-1.0	0.4	---	2.2	-0.2
10/31/2020 7:12 AM	-1.0	0.4	---	2.1	-0.2
10/31/2020 7:18 AM	-1.0	0.4	---	2.1	-0.2
10/31/2020 7:24 AM	-1.0	0.5	---	2.2	-0.2
10/31/2020 7:30 AM	-0.9	0.6	---	2.3	-0.2
10/31/2020 7:36 AM	-0.9	0.6	---	2.1	-0.2
10/31/2020 7:42 AM	-0.9	0.7	---	1.8	-0.2
10/31/2020 7:48 AM	-0.9	0.7	---	1.9	-0.2
10/31/2020 7:54 AM	-0.9	0.6	---	1.9	-0.3
10/31/2020 8:00 AM	-0.9	0.4	---	1.9	-0.2
10/31/2020 8:06 AM	-0.9	0.2	---	1.9	-0.2
10/31/2020 8:12 AM	-0.9	0.0	---	1.9	-0.2
10/31/2020 8:18 AM	-0.9	-0.1	---	1.9	-0.2
10/31/2020 8:24 AM	-0.9	-0.1	---	2.0	-0.2
10/31/2020 8:30 AM	-0.9	-0.2	---	2.0	-0.2
10/31/2020 8:36 AM	-0.9	-0.2	---	1.8	-0.2
10/31/2020 8:42 AM	-0.9	-0.1	---	1.9	-0.2
10/31/2020 8:48 AM	-0.9	-0.1	---	1.9	-0.2
10/31/2020 8:54 AM	-0.8	0.0	---	1.9	-0.2
10/31/2020 9:00 AM	-0.8	0.1	---	2.0	-0.2
10/31/2020 9:06 AM	-0.8	0.1	---	2.0	-0.2
10/31/2020 9:12 AM	-0.8	0.1	---	2.0	-0.2
10/31/2020 9:18 AM	-0.8	0.2	---	2.0	-0.2
10/31/2020 9:24 AM	-0.8	0.2	---	2.0	-0.2
10/31/2020 9:30 AM	-0.8	0.3	---	2.1	-0.2
10/31/2020 9:36 AM	-0.8	0.3	---	2.0	-0.2
10/31/2020 9:42 AM	-0.8	0.3	---	1.8	-0.2
10/31/2020 9:48 AM	-0.8	0.3	---	1.6	-0.2
10/31/2020 9:54 AM	-0.8	0.3	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/31/2020 10:00 AM	-0.8	0.3	---	0.1	-0.2
10/31/2020 10:06 AM	-0.8	0.3	---	0.2	-0.2
10/31/2020 10:12 AM	-0.8	0.3	---	0.2	-0.2
10/31/2020 10:18 AM	-0.8	0.3	---	0.3	-0.2
10/31/2020 10:24 AM	-0.8	0.3	---	0.3	-0.2
10/31/2020 10:30 AM	-0.8	0.4	---	0.3	-0.2
10/31/2020 10:36 AM	-0.7	0.4	---	0.3	-0.2
10/31/2020 10:42 AM	-0.7	0.3	---	0.3	-0.2
10/31/2020 10:48 AM	-0.7	0.1	---	0.3	-0.2
10/31/2020 10:54 AM	-0.7	-0.2	---	0.3	-0.2
10/31/2020 11:00 AM	-0.7	-0.4	---	0.3	-0.2
10/31/2020 11:06 AM	-0.6	-0.5	---	0.3	-0.2
10/31/2020 11:12 AM	-0.6	-0.6	---	0.3	-0.2
10/31/2020 11:18 AM	-0.6	-0.5	---	0.3	-0.2
10/31/2020 11:24 AM	-0.5	-0.5	---	0.3	-0.2
10/31/2020 11:30 AM	-0.5	-0.4	---	0.3	-0.2
10/31/2020 11:36 AM	-0.5	-0.4	---	0.3	-0.2
10/31/2020 11:42 AM	-0.5	-0.4	---	0.3	-0.2
10/31/2020 11:48 AM	-0.5	-0.4	---	0.3	-0.2
10/31/2020 11:54 AM	-0.5	-0.5	---	0.3	-0.2
10/31/2020 12:00 PM	-0.4	-0.4	---	0.3	-0.2
10/31/2020 12:06 PM	-0.1	-0.1	---	0.5	-0.2
10/31/2020 12:12 PM	-0.1	-0.1	---	0.5	-0.2
10/31/2020 12:18 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:24 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:30 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:36 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:42 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:48 PM	-0.1	-0.2	---	0.5	-0.2
10/31/2020 12:54 PM	-0.1	-0.1	---	0.5	-0.2
10/31/2020 1:00 PM	-0.1	-0.1	---	0.5	-0.2
10/31/2020 1:06 PM	-0.2	0.0	---	0.6	-0.2
10/31/2020 1:12 PM	-0.2	0.2	---	0.6	-0.2
10/31/2020 1:18 PM	-0.1	0.3	---	0.6	-0.2
10/31/2020 1:24 PM	-0.1	0.3	---	0.6	-0.2
10/31/2020 1:30 PM	-0.2	0.3	---	0.6	-0.2
10/31/2020 1:36 PM	-0.2	0.3	---	0.6	-0.2
10/31/2020 1:42 PM	-0.2	0.2	---	0.5	-0.2
10/31/2020 1:48 PM	-0.2	0.1	---	0.5	-0.2
10/31/2020 1:54 PM	-0.2	0.1	---	0.6	-0.2
10/31/2020 2:00 PM	-0.2	0.1	---	0.6	-0.2
10/31/2020 2:06 PM	-0.2	0.0	---	0.5	-0.2
10/31/2020 2:12 PM	-0.2	0.0	---	0.5	-0.2
10/31/2020 2:18 PM	-0.2	-0.1	---	0.5	-0.2
10/31/2020 2:24 PM	-0.2	-0.1	---	0.5	-0.2
10/31/2020 2:30 PM	-0.2	-0.1	---	0.6	-0.2
10/31/2020 2:36 PM	-0.2	0.0	---	0.6	-0.2
10/31/2020 2:42 PM	-0.2	0.1	---	0.6	-0.2
10/31/2020 2:48 PM	-0.2	0.3	---	0.6	-0.2
10/31/2020 2:54 PM	-0.2	0.4	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/31/2020 3:00 PM	-0.2	0.6	---	0.6	-0.2
10/31/2020 3:06 PM	-0.2	0.7	---	0.6	-0.2
10/31/2020 3:12 PM	-0.2	0.8	---	0.6	-0.2
10/31/2020 3:18 PM	-0.2	0.9	---	0.6	-0.2
10/31/2020 3:24 PM	-0.2	1.1	---	0.6	-0.2
10/31/2020 3:30 PM	-0.2	1.2	---	0.6	-0.2
10/31/2020 3:36 PM	-0.2	1.2	---	0.6	-0.2
10/31/2020 3:42 PM	-0.3	1.2	---	0.6	-0.2
10/31/2020 3:48 PM	-0.3	1.2	---	0.6	-0.2
10/31/2020 3:54 PM	-0.3	1.1	---	0.6	-0.2
10/31/2020 4:00 PM	-0.3	1.0	---	0.6	-0.2
10/31/2020 4:06 PM	-0.3	1.0	---	0.6	-0.2
10/31/2020 4:12 PM	-0.3	0.9	---	0.6	-0.2
10/31/2020 4:18 PM	-0.3	0.8	---	0.6	-0.2
10/31/2020 4:24 PM	-0.3	0.9	---	0.6	-0.2
10/31/2020 4:30 PM	-0.3	1.0	---	0.6	-0.2
10/31/2020 4:36 PM	-0.3	1.1	---	0.6	-0.2
10/31/2020 4:42 PM	-0.3	1.3	---	0.6	-0.2
10/31/2020 4:48 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 4:54 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 5:00 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 5:06 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 5:12 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 5:18 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 5:24 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 5:30 PM	-0.4	1.4	---	0.6	-0.2
10/31/2020 5:36 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 5:42 PM	-0.4	1.5	---	0.6	-0.2
10/31/2020 5:48 PM	-0.4	1.5	---	0.6	-0.2
10/31/2020 5:54 PM	-0.4	1.6	---	0.6	-0.2
10/31/2020 6:00 PM	-0.4	1.7	---	0.6	-0.2
10/31/2020 6:06 PM	-0.4	1.8	---	0.6	-0.2
10/31/2020 6:12 PM	-0.4	1.9	---	0.7	-0.2
10/31/2020 6:18 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 6:24 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 6:30 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 6:36 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 6:42 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 6:48 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 6:54 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 7:00 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 7:06 PM	-0.3	2.1	---	0.6	-0.2
10/31/2020 7:12 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 7:18 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 7:24 PM	-0.3	2.0	---	0.6	-0.2
10/31/2020 7:30 PM	-0.3	1.9	---	0.6	-0.2
10/31/2020 7:36 PM	-0.3	1.9	---	0.6	-0.2
10/31/2020 7:42 PM	-0.3	1.8	---	0.6	-0.2
10/31/2020 7:48 PM	-0.3	1.8	---	0.7	-0.2
10/31/2020 7:54 PM	-0.3	1.7	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
10/31/2020 8:00 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 8:06 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 8:12 PM	-0.3	1.6	---	0.7	-0.2
10/31/2020 8:18 PM	-0.3	1.5	---	0.7	-0.2
10/31/2020 8:24 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 8:30 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 8:36 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 8:42 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 8:48 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 8:54 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 9:00 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 9:06 PM	-0.3	1.7	---	0.6	-0.2
10/31/2020 9:12 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 9:18 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 9:24 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 9:30 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 9:36 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 9:42 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 9:48 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 9:54 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 10:00 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:06 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:12 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:18 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:24 PM	-0.3	1.3	---	0.6	-0.2
10/31/2020 10:30 PM	-0.3	1.3	---	0.7	-0.2
10/31/2020 10:36 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:42 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 10:48 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 10:54 PM	-0.3	1.4	---	0.7	-0.2
10/31/2020 11:00 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 11:06 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 11:12 PM	-0.3	1.5	---	0.7	-0.2
10/31/2020 11:18 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 11:24 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 11:30 PM	-0.3	1.4	---	0.6	-0.2
10/31/2020 11:36 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 11:42 PM	-0.3	1.5	---	0.6	-0.2
10/31/2020 11:48 PM	-0.3	1.6	---	0.6	-0.2
10/31/2020 11:54 PM	-0.3	1.6	---	0.7	-0.2
11/1/2020 12:00 AM	-0.3	1.7	---	0.7	-0.2
11/1/2020 12:06 AM	-0.3	1.7	---	0.6	-0.2
11/1/2020 12:12 AM	-0.3	1.7	---	0.6	-0.2
11/1/2020 12:18 AM	-0.3	1.7	---	0.7	-0.2
11/1/2020 12:24 AM	-0.3	1.6	---	0.7	-0.2
11/1/2020 12:30 AM	-0.3	1.6	---	0.7	-0.2
11/1/2020 12:36 AM	-0.3	1.5	---	0.7	-0.2
11/1/2020 12:42 AM	-0.3	1.4	---	0.6	-0.2
11/1/2020 12:48 AM	-0.3	1.3	---	0.6	-0.2
11/1/2020 12:54 AM	-0.3	1.3	---	0.7	-0.2

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North River Wastewater Resource Recovery Facility
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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/1/2020 1:00 AM	-0.3	1.2	---	0.7	-0.2
11/1/2020 1:06 AM	-0.3	1.2	---	0.7	-0.2
11/1/2020 1:12 AM	-0.3	1.2	---	0.6	-0.2
11/1/2020 1:18 AM	-0.3	1.2	---	0.6	-0.2
11/1/2020 1:24 AM	-0.3	1.2	---	0.6	-0.2
11/1/2020 1:30 AM	-0.4	1.2	---	0.7	-0.2
11/1/2020 1:36 AM	-0.4	1.2	---	0.6	-0.2
11/1/2020 1:42 AM	-0.4	1.2	---	0.6	-0.2
11/1/2020 1:48 AM	-0.4	1.3	---	0.6	-0.2
11/1/2020 1:54 AM	-0.4	1.4	---	0.6	-0.2
11/1/2020 2:00 AM	-0.4	1.4	---	0.6	-0.2
11/1/2020 2:06 AM	-0.4	1.5	---	0.6	-0.2
11/1/2020 2:12 AM	-0.4	1.5	---	0.6	-0.2
11/1/2020 2:18 AM	-0.4	1.5	---	0.6	-0.2
11/1/2020 2:24 AM	-0.4	1.5	---	0.6	-0.2
11/1/2020 2:30 AM	-0.3	1.5	---	0.6	-0.2
11/1/2020 2:36 AM	-0.3	1.5	---	0.6	-0.2
11/1/2020 2:42 AM	-0.3	1.5	---	0.6	-0.2
11/1/2020 2:48 AM	-0.3	1.5	---	0.6	-0.2
11/1/2020 2:54 AM	-0.3	1.5	---	0.6	-0.2
11/1/2020 3:00 AM	-0.3	1.5	---	0.5	-0.2
11/1/2020 3:06 AM	-0.3	1.5	---	0.5	-0.2
11/1/2020 3:12 AM	-0.3	1.6	---	0.5	-0.2
11/1/2020 3:18 AM	-0.3	1.6	---	0.5	-0.2
11/1/2020 3:24 AM	-0.3	1.6	---	1.5	-0.2
11/1/2020 3:30 AM	-0.3	1.6	---	2.3	-0.2
11/1/2020 3:36 AM	-0.3	1.6	---	2.1	-0.2
11/1/2020 3:42 AM	-0.3	1.5	---	1.5	-0.2
11/1/2020 3:48 AM	-0.3	1.6	---	0.8	-0.2
11/1/2020 3:54 AM	-0.3	1.6	---	0.7	-0.2
11/1/2020 4:00 AM	-0.3	1.6	---	0.8	-0.2
11/1/2020 4:06 AM	-0.3	1.6	---	0.8	-0.2
11/1/2020 4:12 AM	-0.3	1.6	---	0.8	-0.2
11/1/2020 4:18 AM	-0.3	1.6	---	0.8	-0.2
11/1/2020 4:24 AM	5.7	1.6	---	0.7	-0.2
11/1/2020 4:30 AM	10.0	1.6	---	0.7	-0.2
11/1/2020 4:36 AM	4.6	1.6	---	0.7	-0.2
11/1/2020 4:42 AM	1.9	1.6	---	0.7	-0.2
11/1/2020 4:48 AM	3.6	1.6	---	0.7	-0.2
11/1/2020 4:54 AM	5.0	1.6	---	0.7	-0.2
11/1/2020 5:00 AM	3.6	1.6	---	0.7	7.2
11/1/2020 5:06 AM	1.9	1.6	---	0.7	9.3
11/1/2020 5:12 AM	0.6	1.6	---	0.8	1.9
11/1/2020 5:18 AM	0.2	1.6	---	0.8	0.5
11/1/2020 5:24 AM	0.0	1.5	---	0.8	0.1
11/1/2020 5:30 AM	-0.1	1.5	---	0.8	0.0
11/1/2020 5:36 AM	-0.1	1.5	---	0.8	-0.1
11/1/2020 5:42 AM	-0.2	1.5	---	0.8	-0.1
11/1/2020 5:48 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 5:54 AM	-0.2	1.5	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/1/2020 6:00 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 6:06 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 6:12 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 6:18 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 6:24 AM	-0.2	1.5	---	0.9	-0.2
11/1/2020 6:30 AM	-0.2	1.4	---	0.9	-0.2
11/1/2020 6:36 AM	-0.2	1.4	---	0.8	-0.2
11/1/2020 6:42 AM	-0.2	1.4	---	0.8	-0.2
11/1/2020 6:48 AM	-0.2	1.4	---	0.8	-0.2
11/1/2020 6:54 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 7:00 AM	-0.2	1.4	---	0.7	-0.2
11/1/2020 7:06 AM	-0.2	1.4	---	0.8	-0.2
11/1/2020 7:12 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 7:18 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 7:24 AM	-0.2	1.5	---	0.8	-0.2
11/1/2020 7:30 AM	-0.2	1.6	---	0.8	-0.2
11/1/2020 7:36 AM	-0.2	1.6	---	0.8	-0.2
11/1/2020 7:42 AM	-0.2	1.6	---	0.8	-0.2
11/1/2020 7:48 AM	-0.2	1.7	---	0.9	-0.2
11/1/2020 7:54 AM	-0.2	1.7	---	0.8	-0.2
11/1/2020 8:00 AM	-0.2	1.7	---	0.8	-0.2
11/1/2020 8:06 AM	-0.2	1.7	---	0.8	-0.2
11/1/2020 8:12 AM	-0.2	1.7	---	0.8	-0.2
11/1/2020 8:18 AM	-0.2	1.7	---	0.7	-0.2
11/1/2020 8:24 AM	-0.2	1.8	---	0.8	-0.2
11/1/2020 8:30 AM	-0.2	1.8	---	0.8	-0.2
11/1/2020 8:36 AM	-0.2	1.8	---	0.8	-0.2
11/1/2020 8:42 AM	-0.2	1.8	---	0.8	-0.2
11/1/2020 8:48 AM	-0.1	1.9	---	1.2	-0.2
11/1/2020 8:54 AM	-0.2	1.9	---	2.6	-0.2
11/1/2020 9:00 AM	-0.2	1.9	---	3.1	-0.2
11/1/2020 9:06 AM	-0.1	2.0	---	3.0	-0.2
11/1/2020 9:12 AM	-0.1	2.0	---	2.9	-0.2
11/1/2020 9:18 AM	-0.1	2.0	---	2.9	-0.2
11/1/2020 9:24 AM	-0.1	2.1	---	3.0	-0.2
11/1/2020 9:30 AM	-0.1	2.1	---	3.0	-0.2
11/1/2020 9:36 AM	-0.1	2.1	---	2.9	-0.2
11/1/2020 9:42 AM	-0.1	2.1	---	2.9	-0.2
11/1/2020 9:48 AM	-0.1	2.1	---	3.0	-0.2
11/1/2020 9:54 AM	-0.1	2.1	---	3.0	-0.2
11/1/2020 10:00 AM	-0.1	2.0	---	2.9	-0.2
11/1/2020 10:06 AM	-0.1	2.0	---	2.9	-0.2
11/1/2020 10:12 AM	-0.1	2.1	---	2.4	-0.2
11/1/2020 10:18 AM	-0.1	2.1	---	1.0	-0.2
11/1/2020 10:24 AM	-0.1	2.1	---	1.8	-0.2
11/1/2020 10:30 AM	-0.1	2.1	---	4.2	-0.2
11/1/2020 10:36 AM	-0.1	2.1	---	2.5	-0.2
11/1/2020 10:42 AM	-0.1	2.1	---	0.3	-0.2
11/1/2020 10:48 AM	-0.1	2.1	---	0.4	-0.2
11/1/2020 10:54 AM	-0.1	2.1	---	0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/1/2020 11:00 AM	-0.1	2.0	---	0.5	-0.2
11/1/2020 11:06 AM	-0.1	1.9	---	0.5	-0.2
11/1/2020 11:12 AM	-0.1	1.8	---	0.5	-0.2
11/1/2020 11:18 AM	-0.1	1.8	---	0.5	-0.2
11/1/2020 11:24 AM	-0.1	1.8	---	0.6	-0.2
11/1/2020 11:30 AM	-0.1	1.8	---	0.5	-0.2
11/1/2020 11:36 AM	-0.1	1.7	---	0.5	-0.2
11/1/2020 11:42 AM	-0.1	1.7	---	0.5	-0.2
11/1/2020 11:48 AM	-0.1	1.6	---	0.5	-0.2
11/1/2020 11:54 AM	-0.1	1.6	---	0.6	-0.2
11/1/2020 12:00 PM	-0.1	1.7	---	0.6	-0.2
11/1/2020 12:06 PM	-0.2	2.1	---	0.6	-0.2
11/1/2020 12:12 PM	-0.2	2.2	---	0.6	-0.2
11/1/2020 12:18 PM	-0.2	2.3	---	0.6	-0.2
11/1/2020 12:24 PM	-0.2	2.4	---	0.6	-0.2
11/1/2020 12:30 PM	-0.2	2.5	---	0.7	-0.2
11/1/2020 12:36 PM	-0.2	2.6	---	0.7	-0.2
11/1/2020 12:42 PM	-0.2	2.6	---	0.6	2.8
11/1/2020 12:48 PM	-0.2	2.6	---	1.7	9.8
11/1/2020 12:54 PM	-0.2	2.5	---	2.9	6.7
11/1/2020 1:00 PM	-0.2	2.5	---	2.4	1.6
11/1/2020 1:06 PM	-0.2	2.5	---	2.2	0.3
11/1/2020 1:12 PM	-0.2	2.4	---	2.1	0.1
11/1/2020 1:18 PM	-0.2	2.4	---	2.0	-0.1
11/1/2020 1:24 PM	-0.2	2.4	---	1.9	-0.1
11/1/2020 1:30 PM	-0.2	2.4	---	1.9	-0.1
11/1/2020 1:36 PM	-0.2	2.4	---	1.8	-0.1
11/1/2020 1:42 PM	1.7	2.3	---	1.7	-0.1
11/1/2020 1:48 PM	5.4	2.3	---	2.5	-0.1
11/1/2020 1:54 PM	2.6	2.3	---	3.3	-0.1
11/1/2020 2:00 PM	2.0	2.3	---	3.1	-0.1
11/1/2020 2:06 PM	2.0	2.2	---	3.0	-0.1
11/1/2020 2:12 PM	1.8	2.2	---	3.1	-0.1
11/1/2020 2:18 PM	1.7	2.1	---	4.3	-0.1
11/1/2020 2:24 PM	1.5	2.1	---	5.6	-0.1
11/1/2020 2:30 PM	1.1	2.0	---	5.2	0.0
11/1/2020 2:36 PM	0.8	2.0	---	5.2	0.0
11/1/2020 2:42 PM	0.6	2.0	---	5.3	0.0
11/1/2020 2:48 PM	0.5	2.0	---	5.3	0.1
11/1/2020 2:54 PM	0.4	2.0	---	5.7	0.1
11/1/2020 3:00 PM	0.4	2.0	---	5.8	0.1
11/1/2020 3:06 PM	3.8	2.1	---	5.8	0.1
11/1/2020 3:12 PM	7.1	2.1	---	6.1	0.1
11/1/2020 3:18 PM	5.0	2.1	---	6.4	0.1
11/1/2020 3:24 PM	3.6	2.1	---	6.3	0.1
11/1/2020 3:30 PM	3.4	2.1	---	6.2	0.1
11/1/2020 3:36 PM	2.6	2.2	---	6.2	0.1
11/1/2020 3:42 PM	1.8	2.2	---	6.3	0.1
11/1/2020 3:48 PM	2.5	2.1	---	6.3	0.1
11/1/2020 3:54 PM	2.5	2.2	---	6.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/1/2020 4:00 PM	1.8	2.2	---	6.3	0.0
11/1/2020 4:06 PM	1.6	2.2	---	6.3	0.0
11/1/2020 4:12 PM	1.5	2.2	---	6.1	0.0
11/1/2020 4:18 PM	1.6	2.2	---	6.0	0.0
11/1/2020 4:24 PM	1.7	2.2	---	5.9	0.0
11/1/2020 4:30 PM	1.4	2.2	---	5.9	0.0
11/1/2020 4:36 PM	1.2	2.2	---	6.2	0.0
11/1/2020 4:42 PM	1.1	2.2	---	6.6	0.0
11/1/2020 4:48 PM	1.1	2.2	---	6.9	0.0
11/1/2020 4:54 PM	1.1	2.2	---	7.0	0.0
11/1/2020 5:00 PM	1.0	2.2	---	6.9	0.0
11/1/2020 5:06 PM	1.0	2.2	---	6.7	0.0
11/1/2020 5:12 PM	1.0	2.2	---	6.6	0.0
11/1/2020 5:18 PM	0.9	2.2	---	6.5	0.0
11/1/2020 5:24 PM	0.9	2.2	---	6.1	0.0
11/1/2020 5:30 PM	0.9	2.2	---	2.7	0.0
11/1/2020 5:36 PM	0.9	2.2	---	0.4	0.0
11/1/2020 5:42 PM	0.8	2.2	---	0.5	0.0
11/1/2020 5:48 PM	0.6	2.2	---	-0.1	0.0
11/1/2020 5:54 PM	0.5	2.2	---	-0.7	0.0
11/1/2020 6:00 PM	0.5	2.2	---	-0.8	0.0
11/1/2020 6:06 PM	0.6	2.2	---	-0.8	0.0
11/1/2020 6:12 PM	0.6	2.2	---	-0.8	0.0
11/1/2020 6:18 PM	0.6	2.1	---	-0.8	0.0
11/1/2020 6:24 PM	0.6	2.1	---	-0.8	0.0
11/1/2020 6:30 PM	0.6	2.1	---	-0.8	0.0
11/1/2020 6:36 PM	0.7	2.1	---	-0.8	0.0
11/1/2020 6:42 PM	0.6	2.1	---	-0.8	-0.1
11/1/2020 6:48 PM	0.6	2.1	---	-0.8	-0.1
11/1/2020 6:54 PM	0.6	2.0	---	-0.8	-0.1
11/1/2020 7:00 PM	0.6	2.0	---	-0.8	-0.1
11/1/2020 7:06 PM	0.6	2.0	---	-0.8	-0.1
11/1/2020 7:12 PM	0.6	1.9	---	-0.8	-0.1
11/1/2020 7:18 PM	0.6	1.7	---	-0.8	-0.1
11/1/2020 7:24 PM	0.6	1.6	---	-0.8	-0.1
11/1/2020 7:30 PM	0.6	1.5	---	-0.8	-0.1
11/1/2020 7:36 PM	0.6	1.4	---	-0.8	-0.2
11/1/2020 7:42 PM	0.5	1.2	---	-0.8	-0.2
11/1/2020 7:48 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 7:54 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:00 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:06 PM	0.5	1.2	---	-0.8	-0.2
11/1/2020 8:12 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:18 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:24 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:30 PM	0.5	1.1	---	-0.8	-0.2
11/1/2020 8:36 PM	0.5	1.0	---	-0.8	-0.2
11/1/2020 8:42 PM	0.5	1.0	---	-0.8	-0.2
11/1/2020 8:48 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 8:54 PM	0.5	0.9	---	-0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/1/2020 9:00 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:06 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:12 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:18 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:24 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:30 PM	0.5	0.9	---	-0.8	-0.2
11/1/2020 9:36 PM	0.5	0.8	---	-0.8	-0.2
11/1/2020 9:42 PM	0.5	0.6	---	-0.8	-0.2
11/1/2020 9:48 PM	0.4	0.4	---	-0.7	-0.2
11/1/2020 9:54 PM	0.4	0.3	---	-0.7	-0.2
11/1/2020 10:00 PM	0.4	0.4	---	-0.7	-0.2
11/1/2020 10:06 PM	0.4	0.4	---	-0.7	-0.2
11/1/2020 10:12 PM	0.4	0.5	---	-0.7	-0.2
11/1/2020 10:18 PM	0.4	0.5	---	-0.7	-0.2
11/1/2020 10:24 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 10:30 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 10:36 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 10:42 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 10:48 PM	0.3	0.6	---	-0.8	-0.2
11/1/2020 10:54 PM	0.3	0.5	---	-0.8	-0.2
11/1/2020 11:00 PM	0.3	0.5	---	-0.8	-0.2
11/1/2020 11:06 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 11:12 PM	0.4	0.5	---	-0.7	-0.2
11/1/2020 11:18 PM	0.4	0.5	---	-0.8	-0.2
11/1/2020 11:24 PM	0.3	0.6	---	-0.7	-0.2
11/1/2020 11:30 PM	0.3	0.6	---	-0.7	-0.2
11/1/2020 11:36 PM	0.3	0.5	---	-0.7	-0.2
11/1/2020 11:42 PM	0.3	0.5	---	-0.7	-0.2
11/1/2020 11:48 PM	0.3	0.5	---	-0.7	-0.2
11/1/2020 11:54 PM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:00 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:06 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:12 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:18 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:24 AM	0.3	0.4	---	-0.7	-0.2
11/2/2020 12:30 AM	0.3	0.4	---	-0.7	-0.2
11/2/2020 12:36 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:42 AM	0.3	0.5	---	-0.7	-0.2
11/2/2020 12:48 AM	0.3	0.6	---	-0.7	-0.2
11/2/2020 12:54 AM	0.4	0.6	---	-0.7	-0.2
11/2/2020 1:00 AM	0.3	0.6	---	-0.7	-0.2
11/2/2020 1:06 AM	0.3	0.6	---	-0.7	-0.2
11/2/2020 1:12 AM	0.2	0.5	---	-0.7	-0.2
11/2/2020 1:18 AM	0.2	0.5	---	-0.7	-0.2
11/2/2020 1:24 AM	0.2	0.5	---	-0.7	-0.2
11/2/2020 1:30 AM	0.2	0.5	---	-0.7	-0.2
11/2/2020 1:36 AM	0.2	0.5	---	-0.7	-0.3
11/2/2020 1:42 AM	0.2	0.5	---	-0.7	-0.3
11/2/2020 1:48 AM	0.3	0.4	---	-0.7	-0.3
11/2/2020 1:54 AM	0.3	0.4	---	-0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/2/2020 2:00 AM	0.4	0.4	---	-0.7	-0.2
11/2/2020 2:06 AM	0.4	0.4	---	-0.7	-0.2
11/2/2020 2:12 AM	0.5	0.4	---	-0.7	-0.3
11/2/2020 2:18 AM	0.5	0.4	---	-0.7	-0.2
11/2/2020 2:24 AM	0.5	0.5	---	-0.7	-0.3
11/2/2020 2:30 AM	0.5	0.5	---	-0.7	-0.3
11/2/2020 2:36 AM	0.5	0.5	---	-0.7	-0.3
11/2/2020 2:42 AM	0.5	0.5	---	-0.7	-0.3
11/2/2020 2:48 AM	0.5	0.5	---	-0.7	-0.3
11/2/2020 2:54 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:00 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:06 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:12 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:18 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:24 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 3:30 AM	0.5	0.7	---	-0.7	-0.3
11/2/2020 3:36 AM	0.5	0.7	---	-0.7	-0.3
11/2/2020 3:42 AM	0.5	0.7	---	-0.7	-0.3
11/2/2020 3:48 AM	0.5	0.8	---	-0.7	-0.3
11/2/2020 3:54 AM	0.5	0.8	---	-0.7	-0.3
11/2/2020 4:00 AM	0.5	0.7	---	-0.7	-0.3
11/2/2020 4:06 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 4:12 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 4:18 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 4:24 AM	0.5	0.6	---	-0.7	-0.3
11/2/2020 4:30 AM	0.5	0.7	---	-0.7	-0.3
11/2/2020 4:36 AM	0.4	0.7	---	-0.7	-0.3
11/2/2020 4:42 AM	0.4	0.7	---	-0.7	-0.3
11/2/2020 4:48 AM	0.4	0.8	---	-0.7	-0.3
11/2/2020 4:54 AM	0.5	0.9	---	-0.7	-0.3
11/2/2020 5:00 AM	0.3	0.9	---	-0.7	-0.3
11/2/2020 5:06 AM	0.0	0.9	---	-0.7	-0.3
11/2/2020 5:12 AM	0.0	0.9	---	-0.7	-0.3
11/2/2020 5:18 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 5:24 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 5:30 AM	0.0	0.9	---	-0.7	-0.3
11/2/2020 5:36 AM	0.0	0.9	---	-0.7	-0.3
11/2/2020 5:42 AM	0.0	0.9	---	-0.7	-0.3
11/2/2020 5:48 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 5:54 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:00 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:06 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:12 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:18 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:24 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:30 AM	0.0	0.8	---	-0.6	-0.3
11/2/2020 6:36 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 6:42 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 6:48 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 6:54 AM	0.0	0.9	---	-0.6	-0.3

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/2/2020 7:00 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 7:06 AM	0.0	0.9	---	-0.6	-0.3
11/2/2020 7:12 AM	0.1	0.9	---	-0.6	-0.3
11/2/2020 7:18 AM	0.2	0.9	---	-0.6	-0.3
11/2/2020 7:24 AM	0.1	0.9	---	-0.6	-0.3
11/2/2020 7:30 AM	0.1	1.0	---	-0.6	-0.3
11/2/2020 7:36 AM	0.1	1.0	---	-0.6	-0.3
11/2/2020 7:42 AM	0.1	1.0	---	-0.6	-0.3
11/2/2020 7:48 AM	0.1	0.9	---	-0.6	-0.3
11/2/2020 7:54 AM	0.1	0.8	---	-0.6	-0.3
11/2/2020 8:00 AM	0.1	0.7	---	-0.6	-0.3
11/2/2020 8:06 AM	0.1	0.6	---	-0.6	-0.3
11/2/2020 8:12 AM	0.0	0.5	---	-0.6	-0.3
11/2/2020 8:18 AM	0.0	0.2	---	-0.6	11.9
11/2/2020 8:24 AM	-0.3	0.1	---	-0.6	16.8
11/2/2020 8:30 AM	-0.5	0.2	---	-0.6	8.8
11/2/2020 8:36 AM	-0.6	0.2	---	-0.6	5.4
11/2/2020 8:42 AM	-0.7	0.3	---	-0.6	4.5
11/2/2020 8:48 AM	-0.7	0.4	---	-0.6	4.5
11/2/2020 8:54 AM	-0.7	0.4	---	-0.6	4.6
11/2/2020 9:00 AM	-0.7	0.5	---	-0.6	4.3
11/2/2020 9:06 AM	-0.6	0.6	---	-0.6	3.5
11/2/2020 9:12 AM	-0.7	0.5	---	-0.6	2.9
11/2/2020 9:18 AM	-0.7	0.5	---	-0.6	2.5
11/2/2020 9:24 AM	-0.7	0.6	---	-0.6	2.3
11/2/2020 9:30 AM	-0.6	0.7	---	-0.6	2.2
11/2/2020 9:36 AM	-0.6	0.8	---	-0.6	2.1
11/2/2020 9:42 AM	-0.6	0.8	---	-0.6	2.0
11/2/2020 9:48 AM	-0.6	0.9	---	-0.6	2.0
11/2/2020 9:54 AM	-0.6	0.9	---	-0.6	1.9
11/2/2020 10:00 AM	-0.6	0.9	---	-0.6	1.9
11/2/2020 10:06 AM	-0.6	0.9	---	-0.6	1.9
11/2/2020 10:12 AM	-0.6	0.9	---	-0.6	1.8
11/2/2020 10:18 AM	-0.6	0.9	---	-0.6	1.8
11/2/2020 10:24 AM	-0.6	0.8	---	-0.6	1.8
11/2/2020 10:30 AM	-0.6	0.8	---	-0.6	1.7
11/2/2020 10:36 AM	-0.6	0.7	---	-0.6	1.7
11/2/2020 10:42 AM	-0.6	0.7	---	-0.6	1.7
11/2/2020 10:48 AM	-0.6	0.8	---	-0.6	1.8
11/2/2020 10:54 AM	-0.6	0.8	---	-0.6	1.7
11/2/2020 11:00 AM	-0.6	0.7	---	-0.6	1.7
11/2/2020 11:06 AM	-0.6	0.6	---	-0.6	1.7
11/2/2020 11:12 AM	-0.6	0.6	---	-0.6	1.7
11/2/2020 11:18 AM	-0.6	0.7	---	-0.6	1.8
11/2/2020 11:24 AM	-0.6	0.7	---	-0.6	1.8
11/2/2020 11:30 AM	-0.6	0.8	---	-0.6	1.8
11/2/2020 11:36 AM	-0.6	0.8	---	-0.6	1.8
11/2/2020 11:42 AM	-0.6	0.8	---	-0.6	1.8
11/2/2020 11:48 AM	-0.6	0.9	---	-0.6	1.8
11/2/2020 11:54 AM	-0.6	0.8	---	-0.6	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/2/2020 12:00 PM	-0.4	0.6	---	-0.5	1.8
11/2/2020 12:06 PM	0.3	0.3	---	-0.3	1.9
11/2/2020 12:12 PM	0.3	0.2	---	-0.3	1.9
11/2/2020 12:18 PM	0.3	0.1	---	-0.3	1.8
11/2/2020 12:24 PM	0.3	0.1	---	-0.3	1.8
11/2/2020 12:30 PM	0.3	0.1	---	-0.3	1.8
11/2/2020 12:36 PM	0.3	0.0	---	-0.3	1.8
11/2/2020 12:42 PM	0.3	0.0	---	-0.3	1.7
11/2/2020 12:48 PM	0.3	0.1	---	-0.3	1.7
11/2/2020 12:54 PM	0.3	0.1	---	-0.3	1.7
11/2/2020 1:00 PM	0.3	0.2	---	-0.3	1.8
11/2/2020 1:06 PM	0.3	0.4	---	-0.3	1.8
11/2/2020 1:12 PM	0.3	0.5	---	-0.3	1.8
11/2/2020 1:18 PM	0.3	0.6	---	-0.3	1.7
11/2/2020 1:24 PM	0.3	0.7	---	-0.4	1.7
11/2/2020 1:30 PM	0.3	0.8	---	-0.4	1.7
11/2/2020 1:36 PM	0.3	0.9	---	-0.4	1.7
11/2/2020 1:42 PM	0.3	0.9	---	-0.4	1.7
11/2/2020 1:48 PM	0.3	0.8	---	-0.4	1.7
11/2/2020 1:54 PM	0.3	0.7	---	-0.4	1.7
11/2/2020 2:00 PM	0.3	0.6	---	-0.4	1.7
11/2/2020 2:06 PM	0.3	0.6	---	-0.4	1.6
11/2/2020 2:12 PM	0.3	0.5	---	-0.4	1.6
11/2/2020 2:18 PM	0.3	0.4	---	-0.4	1.7
11/2/2020 2:24 PM	0.3	0.3	---	-0.4	1.7
11/2/2020 2:30 PM	0.3	0.2	---	-0.4	1.7
11/2/2020 2:36 PM	0.3	0.1	---	-0.4	1.7
11/2/2020 2:42 PM	0.4	0.1	---	-0.4	1.7
11/2/2020 2:48 PM	0.4	0.1	---	-0.4	1.7
11/2/2020 2:54 PM	0.4	0.2	---	-0.4	1.7
11/2/2020 3:00 PM	0.4	0.3	---	-0.4	1.7
11/2/2020 3:06 PM	0.4	0.4	---	-0.4	1.7
11/2/2020 3:12 PM	0.4	0.6	---	-0.4	1.7
11/2/2020 3:18 PM	0.4	0.6	---	-0.4	1.8
11/2/2020 3:24 PM	0.4	0.7	---	-0.4	1.8
11/2/2020 3:30 PM	0.4	0.8	---	-0.4	1.8
11/2/2020 3:36 PM	0.4	0.8	---	-0.4	1.8
11/2/2020 3:42 PM	0.4	0.9	---	-0.4	1.8
11/2/2020 3:48 PM	0.4	0.9	---	-0.4	1.8
11/2/2020 3:54 PM	0.4	0.9	---	-0.4	1.8
11/2/2020 4:00 PM	0.4	0.9	---	-0.4	1.8
11/2/2020 4:06 PM	0.4	0.8	---	-0.4	1.8
11/2/2020 4:12 PM	0.4	0.8	---	-0.4	1.7
11/2/2020 4:18 PM	0.4	0.7	---	-0.4	1.7
11/2/2020 4:24 PM	0.4	0.7	---	-0.4	1.7
11/2/2020 4:30 PM	0.4	0.7	---	-0.4	1.7
11/2/2020 4:36 PM	0.3	0.8	---	-0.4	1.7
11/2/2020 4:42 PM	0.4	0.8	---	-0.4	1.7
11/2/2020 4:48 PM	0.4	0.9	---	-0.4	1.7
11/2/2020 4:54 PM	0.3	1.0	---	-0.4	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/2/2020 5:00 PM	0.3	1.0	---	-0.4	1.7
11/2/2020 5:06 PM	0.3	1.0	---	-0.3	1.7
11/2/2020 5:12 PM	0.3	1.0	---	-0.3	1.8
11/2/2020 5:18 PM	0.3	1.0	---	-0.3	1.8
11/2/2020 5:24 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 5:30 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 5:36 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 5:42 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 5:48 PM	0.3	1.1	---	-0.3	1.9
11/2/2020 5:54 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 6:00 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 6:06 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 6:12 PM	0.3	1.1	---	-0.3	1.8
11/2/2020 6:18 PM	0.3	1.2	---	-0.3	1.8
11/2/2020 6:24 PM	0.3	1.2	---	-0.3	1.8
11/2/2020 6:30 PM	0.3	1.2	---	-0.3	1.8
11/2/2020 6:36 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 6:42 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 6:48 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 6:54 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 7:00 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 7:06 PM	0.3	1.3	---	-0.3	1.7
11/2/2020 7:12 PM	0.3	1.4	---	-0.3	1.7
11/2/2020 7:18 PM	0.3	1.4	---	-0.3	1.7
11/2/2020 7:24 PM	0.3	1.4	---	-0.3	1.7
11/2/2020 7:30 PM	0.3	1.5	---	-0.3	1.7
11/2/2020 7:36 PM	0.3	1.5	---	-0.3	1.8
11/2/2020 7:42 PM	0.3	1.5	---	-0.3	1.8
11/2/2020 7:48 PM	0.3	1.5	---	-0.3	1.8
11/2/2020 7:54 PM	0.3	1.6	---	-0.3	1.8
11/2/2020 8:00 PM	0.3	1.6	---	-0.3	1.8
11/2/2020 8:06 PM	0.3	1.6	---	-0.3	1.8
11/2/2020 8:12 PM	0.3	1.6	---	-0.3	1.9
11/2/2020 8:18 PM	0.3	1.6	---	-0.3	1.9
11/2/2020 8:24 PM	0.3	1.6	---	-0.3	1.9
11/2/2020 8:30 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 8:36 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 8:42 PM	0.3	1.6	---	-0.3	1.8
11/2/2020 8:48 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 8:54 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 9:00 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 9:06 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:12 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:18 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 9:24 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:30 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:36 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:42 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:48 PM	0.2	1.6	---	-0.3	1.7
11/2/2020 9:54 PM	0.2	1.6	---	-0.3	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/2/2020 10:00 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:06 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:12 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:18 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:24 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:30 PM	0.2	1.7	---	-0.3	1.8
11/2/2020 10:36 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:42 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:48 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 10:54 PM	0.2	1.7	---	-0.3	1.8
11/2/2020 11:00 PM	0.2	1.7	---	-0.3	1.8
11/2/2020 11:06 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:12 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:18 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:24 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:30 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:36 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:42 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:48 PM	0.2	1.6	---	-0.3	1.8
11/2/2020 11:54 PM	0.2	1.5	---	-0.3	1.8
11/3/2020 12:00 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 12:06 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 12:12 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:18 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:24 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:30 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:36 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:42 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:48 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 12:54 AM	0.2	1.5	---	-0.3	1.7
11/3/2020 1:00 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:06 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:12 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:18 AM	0.2	1.5	---	-0.3	1.9
11/3/2020 1:24 AM	0.2	1.5	---	-0.3	1.9
11/3/2020 1:30 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:36 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 1:42 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:48 AM	0.2	1.5	---	-0.3	1.8
11/3/2020 1:54 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 2:00 AM	0.2	1.4	---	-0.3	1.9
11/3/2020 2:06 AM	0.2	1.4	---	-0.3	1.9
11/3/2020 2:12 AM	0.2	1.4	---	-0.3	1.9
11/3/2020 2:18 AM	0.2	1.4	---	-0.3	1.9
11/3/2020 2:24 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 2:30 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 2:36 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 2:42 AM	0.2	1.4	---	-0.3	1.9
11/3/2020 2:48 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 2:54 AM	0.2	1.4	---	-0.3	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/3/2020 3:00 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 3:06 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 3:12 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 3:18 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 3:24 AM	0.2	1.4	---	-0.3	1.8
11/3/2020 3:30 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 3:36 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 3:42 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 3:48 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 3:54 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 4:00 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 4:06 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 4:12 AM	0.2	1.3	---	-0.3	1.8
11/3/2020 4:18 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 4:24 AM	0.2	1.2	---	-0.3	2.3
11/3/2020 4:30 AM	0.2	1.2	---	-0.3	2.2
11/3/2020 4:36 AM	0.2	1.2	---	-0.3	2.1
11/3/2020 4:42 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 4:48 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 4:54 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:00 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:06 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:12 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:18 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:24 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:30 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:36 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:42 AM	0.2	1.3	---	-0.3	2.0
11/3/2020 5:48 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 5:54 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:00 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:06 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:12 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:18 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:24 AM	0.2	1.2	---	-0.3	2.0
11/3/2020 6:30 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 6:36 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 6:42 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 6:48 AM	0.2	1.3	---	-0.3	2.0
11/3/2020 6:54 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 7:00 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 7:06 AM	0.3	1.3	---	-0.3	2.0
11/3/2020 7:12 AM	0.3	1.3	---	-0.3	2.1
11/3/2020 7:18 AM	0.3	1.3	---	-0.3	2.1
11/3/2020 7:24 AM	0.3	1.3	---	-0.3	2.1
11/3/2020 7:30 AM	0.3	1.4	---	-0.3	2.1
11/3/2020 7:36 AM	0.3	1.4	---	-0.3	2.1
11/3/2020 7:42 AM	0.3	1.4	---	-0.3	2.1
11/3/2020 7:48 AM	0.3	1.4	---	-0.3	2.0
11/3/2020 7:54 AM	0.3	1.3	---	-0.3	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/3/2020 8:00 AM	0.3	1.1	---	-0.3	2.1
11/3/2020 8:06 AM	0.3	1.0	---	-0.3	2.1
11/3/2020 8:12 AM	0.3	1.0	---	-0.3	2.1
11/3/2020 8:18 AM	0.3	1.1	---	-0.3	2.1
11/3/2020 8:24 AM	0.3	1.3	---	-0.3	2.1
11/3/2020 8:30 AM	0.3	1.4	---	-0.3	2.1
11/3/2020 8:36 AM	0.3	1.5	---	-0.3	2.1
11/3/2020 8:42 AM	0.3	1.6	---	-0.3	2.0
11/3/2020 8:48 AM	0.3	1.7	---	-0.3	2.1
11/3/2020 8:54 AM	0.3	1.8	---	-0.4	2.1
11/3/2020 9:00 AM	0.4	1.8	---	-0.4	2.0
11/3/2020 9:06 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:12 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:18 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:24 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:30 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:36 AM	0.4	1.9	---	-0.4	2.0
11/3/2020 9:42 AM	0.4	1.8	---	-0.4	1.9
11/3/2020 9:48 AM	0.4	1.7	---	-0.4	1.9
11/3/2020 9:54 AM	0.5	1.7	---	-0.4	1.9
11/3/2020 10:00 AM	0.5	1.7	---	-0.4	1.9
11/3/2020 10:06 AM	0.5	1.7	---	-0.4	1.9
11/3/2020 10:12 AM	0.5	1.6	---	-0.4	1.9
11/3/2020 10:18 AM	0.5	1.6	---	-0.4	1.9
11/3/2020 10:24 AM	0.5	1.7	---	-0.4	1.9
11/3/2020 10:30 AM	0.5	1.7	---	-0.4	1.9
11/3/2020 10:36 AM	0.5	1.6	---	-0.4	1.9
11/3/2020 10:42 AM	0.5	1.6	---	-0.4	1.9
11/3/2020 10:48 AM	0.5	1.5	---	-0.4	1.9
11/3/2020 10:54 AM	0.5	1.5	---	-0.4	1.9
11/3/2020 11:00 AM	0.6	1.5	---	-0.4	1.9
11/3/2020 11:06 AM	0.6	1.4	---	-0.4	1.9
11/3/2020 11:12 AM	0.6	1.4	---	-0.4	1.9
11/3/2020 11:18 AM	0.6	1.4	---	-0.4	1.9
11/3/2020 11:24 AM	0.6	1.3	---	-0.4	1.9
11/3/2020 11:30 AM	0.6	1.3	---	-0.4	1.9
11/3/2020 11:36 AM	0.6	1.3	---	-0.4	1.9
11/3/2020 11:42 AM	0.6	1.2	---	-0.4	2.0
11/3/2020 11:48 AM	0.6	1.2	---	-0.4	2.0
11/3/2020 11:54 AM	0.6	1.2	---	-0.4	1.9
11/3/2020 12:00 PM	0.5	1.2	---	-0.4	1.9
11/3/2020 12:06 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 12:12 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 12:18 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 12:24 PM	0.3	1.1	---	-0.4	2.1
11/3/2020 12:30 PM	0.3	1.1	---	-0.4	2.1
11/3/2020 12:36 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 12:42 PM	0.3	1.1	---	-0.4	2.1
11/3/2020 12:48 PM	0.3	1.0	---	-0.4	2.1
11/3/2020 12:54 PM	0.4	1.0	---	-0.4	2.1

Opacity Data Summary Report

Company:

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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/3/2020 1:00 PM	0.3	1.0	---	-0.4	2.0
11/3/2020 1:06 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 1:12 PM	0.3	1.1	---	-0.4	2.0
11/3/2020 1:18 PM	0.4	1.2	---	-0.4	2.0
11/3/2020 1:24 PM	0.3	1.2	---	-0.4	2.0
11/3/2020 1:30 PM	0.3	1.2	---	-0.4	2.0
11/3/2020 1:36 PM	0.3	1.3	---	-0.4	2.0
11/3/2020 1:42 PM	0.3	1.4	---	-0.4	2.0
11/3/2020 1:48 PM	0.3	1.4	---	-0.4	1.9
11/3/2020 1:54 PM	0.3	1.2	---	-0.4	1.9
11/3/2020 2:00 PM	0.3	1.0	---	-0.4	1.9
11/3/2020 2:06 PM	0.3	1.0	---	-0.4	1.9
11/3/2020 2:12 PM	0.3	0.9	---	-0.4	2.0
11/3/2020 2:18 PM	0.3	0.8	---	-0.3	2.0
11/3/2020 2:24 PM	0.3	0.7	---	-0.3	2.0
11/3/2020 2:30 PM	0.3	0.6	---	-0.4	2.0
11/3/2020 2:36 PM	0.3	0.6	---	-0.4	2.0
11/3/2020 2:42 PM	0.4	0.6	---	-0.3	2.0
11/3/2020 2:48 PM	0.4	0.6	---	-0.3	2.0
11/3/2020 2:54 PM	0.4	0.6	---	-0.3	1.9
11/3/2020 3:00 PM	0.4	0.8	---	-0.3	1.9
11/3/2020 3:06 PM	0.3	0.9	---	-0.3	1.9
11/3/2020 3:12 PM	0.4	0.9	---	-0.3	1.9
11/3/2020 3:18 PM	0.4	1.0	---	-0.3	1.9
11/3/2020 3:24 PM	0.3	1.0	---	-0.3	1.9
11/3/2020 3:30 PM	0.3	1.0	---	-0.3	1.9
11/3/2020 3:36 PM	0.3	1.0	---	-0.3	1.9
11/3/2020 3:42 PM	0.4	1.0	---	-0.3	1.9
11/3/2020 3:48 PM	0.4	1.0	---	-0.3	2.0
11/3/2020 3:54 PM	0.3	1.0	---	-0.3	2.0
11/3/2020 4:00 PM	0.3	1.0	---	-0.3	2.0
11/3/2020 4:06 PM	0.3	1.0	---	-0.3	2.0
11/3/2020 4:12 PM	0.3	1.0	---	-0.3	2.0
11/3/2020 4:18 PM	0.3	1.0	---	-0.3	1.9
11/3/2020 4:24 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 4:30 PM	0.3	1.1	---	-0.3	2.0
11/3/2020 4:36 PM	0.3	1.2	---	-0.3	2.0
11/3/2020 4:42 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 4:48 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 4:54 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 5:00 PM	0.3	1.1	---	-0.3	2.0
11/3/2020 5:06 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 5:12 PM	0.3	1.1	---	-0.3	1.9
11/3/2020 5:18 PM	0.3	1.2	---	-0.3	1.9
11/3/2020 5:24 PM	0.3	1.2	---	-0.3	1.9
11/3/2020 5:30 PM	0.3	1.3	---	-0.3	1.9
11/3/2020 5:36 PM	0.3	1.3	---	-0.3	1.9
11/3/2020 5:42 PM	0.3	1.4	---	-0.3	1.9
11/3/2020 5:48 PM	0.3	1.5	---	-0.3	1.9
11/3/2020 5:54 PM	0.3	1.5	---	-0.3	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/3/2020 6:00 PM	0.3	1.6	---	-0.3	2.0
11/3/2020 6:06 PM	0.3	1.6	---	-0.3	2.0
11/3/2020 6:12 PM	0.3	1.7	---	-0.3	2.0
11/3/2020 6:18 PM	0.3	1.7	---	-0.3	2.0
11/3/2020 6:24 PM	0.3	1.7	---	-0.3	1.9
11/3/2020 6:30 PM	0.3	1.7	---	-0.3	1.9
11/3/2020 6:36 PM	0.3	1.8	---	-0.3	1.9
11/3/2020 6:42 PM	0.3	1.8	---	-0.3	1.9
11/3/2020 6:48 PM	0.3	1.8	---	-0.3	1.9
11/3/2020 6:54 PM	0.3	1.8	---	-0.4	1.9
11/3/2020 7:00 PM	0.3	1.9	---	-0.4	1.9
11/3/2020 7:06 PM	0.3	1.9	---	-0.4	1.9
11/3/2020 7:12 PM	0.3	2.0	---	-0.4	1.9
11/3/2020 7:18 PM	0.3	2.0	---	-0.4	2.0
11/3/2020 7:24 PM	0.3	2.0	---	-0.3	1.9
11/3/2020 7:30 PM	0.3	2.0	---	-0.3	1.9
11/3/2020 7:36 PM	0.3	2.1	---	-0.3	2.0
11/3/2020 7:42 PM	0.3	2.1	---	-0.3	2.0
11/3/2020 7:48 PM	0.3	2.1	---	-0.3	2.0
11/3/2020 7:54 PM	0.3	2.1	---	-0.3	2.0
11/3/2020 8:00 PM	0.3	2.1	---	-0.3	1.9
11/3/2020 8:06 PM	0.3	2.1	---	-0.3	1.9
11/3/2020 8:12 PM	0.3	2.1	---	-0.3	1.9
11/3/2020 8:18 PM	0.3	2.1	---	-0.3	1.9
11/3/2020 8:24 PM	0.3	2.2	---	-0.3	1.9
11/3/2020 8:30 PM	0.3	2.2	---	-0.3	1.9
11/3/2020 8:36 PM	0.3	2.2	---	-0.3	1.8
11/3/2020 8:42 PM	0.3	2.2	---	-0.3	1.8
11/3/2020 8:48 PM	0.3	2.2	---	-0.3	1.8
11/3/2020 8:54 PM	0.3	2.2	---	-0.3	1.8
11/3/2020 9:00 PM	0.2	2.2	---	-0.3	1.8
11/3/2020 9:06 PM	0.2	2.2	---	-0.3	1.8
11/3/2020 9:12 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:18 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:24 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:30 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:36 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:42 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:48 PM	0.2	2.3	---	-0.3	1.9
11/3/2020 9:54 PM	0.2	2.3	---	-0.3	1.8
11/3/2020 10:00 PM	0.2	2.3	---	-0.3	1.8
11/3/2020 10:06 PM	0.2	2.2	---	-0.3	1.8
11/3/2020 10:12 PM	0.2	2.2	---	-0.3	1.9
11/3/2020 10:18 PM	0.2	2.1	---	-0.3	1.9
11/3/2020 10:24 PM	0.2	2.1	---	-0.3	1.8
11/3/2020 10:30 PM	0.2	2.1	---	-0.3	1.8
11/3/2020 10:36 PM	0.2	2.0	---	-0.3	1.8
11/3/2020 10:42 PM	0.2	2.0	---	-0.3	1.8
11/3/2020 10:48 PM	0.2	2.0	---	-0.3	1.8
11/3/2020 10:54 PM	0.2	2.0	---	-0.3	1.9

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/3/2020 11:00 PM	0.2	2.0	---	-0.3	1.9
11/3/2020 11:06 PM	0.2	2.0	---	-0.3	1.8
11/3/2020 11:12 PM	0.2	2.0	---	-0.3	1.9
11/3/2020 11:18 PM	0.2	2.0	---	-0.3	1.9
11/3/2020 11:24 PM	0.2	2.0	---	-0.3	1.9
11/3/2020 11:30 PM	0.2	2.0	---	-0.3	1.9
11/3/2020 11:36 PM	0.2	1.9	---	-0.3	1.9
11/3/2020 11:42 PM	0.2	1.9	---	-0.3	1.9
11/3/2020 11:48 PM	0.2	1.9	---	-0.3	2.0
11/3/2020 11:54 PM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:00 AM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:06 AM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:12 AM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:18 AM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:24 AM	0.2	1.9	---	-0.3	1.9
11/4/2020 12:30 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 12:36 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 12:42 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 12:48 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 12:54 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 1:00 AM	0.1	1.9	---	-0.3	2.0
11/4/2020 1:06 AM	0.1	1.9	---	-0.3	2.0
11/4/2020 1:12 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 1:18 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 1:24 AM	0.1	1.9	---	-0.3	2.0
11/4/2020 1:30 AM	0.1	1.9	---	-0.3	2.0
11/4/2020 1:36 AM	0.1	2.0	---	-0.3	2.0
11/4/2020 1:42 AM	0.1	2.0	---	-0.3	2.0
11/4/2020 1:48 AM	0.1	2.0	---	-0.3	1.9
11/4/2020 1:54 AM	0.1	2.0	---	-0.3	1.9
11/4/2020 2:00 AM	0.1	2.0	---	-0.3	1.9
11/4/2020 2:06 AM	0.1	1.9	---	-0.3	1.9
11/4/2020 2:12 AM	0.1	1.9	---	-0.3	1.2
11/4/2020 2:18 AM	0.1	1.9	---	-0.3	0.1
11/4/2020 2:24 AM	0.1	1.9	---	-0.3	-0.2
11/4/2020 2:30 AM	0.1	1.9	---	-0.3	-0.2
11/4/2020 2:36 AM	0.1	1.8	---	-0.3	-0.2
11/4/2020 2:42 AM	0.1	1.8	---	-0.3	-0.2
11/4/2020 2:48 AM	0.1	1.8	---	-0.3	-0.2
11/4/2020 2:54 AM	0.1	1.7	---	-0.3	-0.2
11/4/2020 3:00 AM	0.1	1.7	---	-0.3	-0.2
11/4/2020 3:06 AM	0.1	1.6	---	-0.3	-0.2
11/4/2020 3:12 AM	0.1	1.6	---	-0.3	-0.1
11/4/2020 3:18 AM	0.1	1.6	---	-0.3	-0.1
11/4/2020 3:24 AM	0.1	1.6	---	-0.3	-0.2
11/4/2020 3:30 AM	0.1	1.5	---	-0.3	-0.2
11/4/2020 3:36 AM	0.1	1.5	---	-0.3	-0.2
11/4/2020 3:42 AM	0.1	1.5	---	-0.3	-0.1
11/4/2020 3:48 AM	0.0	1.5	---	-0.3	-0.2
11/4/2020 3:54 AM	0.0	1.4	---	-0.3	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/4/2020 4:00 AM	0.0	1.4	---	-0.3	-0.2
11/4/2020 4:06 AM	0.0	1.4	---	-0.3	-0.2
11/4/2020 4:12 AM	0.0	1.4	---	-0.3	-0.2
11/4/2020 4:18 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:24 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:30 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:36 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:42 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:48 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 4:54 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 5:00 AM	0.0	1.3	---	-0.3	-0.2
11/4/2020 5:06 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 5:12 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 5:18 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:24 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:30 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:36 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:42 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:48 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 5:54 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:00 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:06 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:12 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:18 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:24 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:30 AM	0.1	1.2	---	-0.3	-0.1
11/4/2020 6:36 AM	0.1	1.2	---	-0.3	-0.1
11/4/2020 6:42 AM	0.1	1.2	---	-0.3	-0.1
11/4/2020 6:48 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 6:54 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 7:00 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 7:06 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 7:12 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 7:18 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 7:24 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 7:30 AM	0.1	1.4	---	-0.3	-0.2
11/4/2020 7:36 AM	0.1	1.4	---	-0.3	-0.2
11/4/2020 7:42 AM	0.1	1.5	---	-0.3	-0.2
11/4/2020 7:48 AM	0.1	1.4	---	-0.3	-0.2
11/4/2020 7:54 AM	0.1	1.2	---	-0.3	-0.1
11/4/2020 8:00 AM	0.1	1.0	---	-0.3	-0.2
11/4/2020 8:06 AM	0.1	0.8	---	-0.3	-0.2
11/4/2020 8:12 AM	0.1	0.7	---	-0.3	-0.1
11/4/2020 8:18 AM	0.1	0.6	---	-0.3	-0.1
11/4/2020 8:24 AM	0.1	0.6	---	-0.3	-0.1
11/4/2020 8:30 AM	0.1	0.7	---	-0.3	-0.1
11/4/2020 8:36 AM	0.1	0.8	---	-0.3	-0.1
11/4/2020 8:42 AM	0.1	0.9	---	-0.3	-0.1
11/4/2020 8:48 AM	0.1	1.0	---	-0.3	-0.1
11/4/2020 8:54 AM	0.1	1.1	---	-0.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/4/2020 9:00 AM	0.1	1.1	---	-0.3	-0.1
11/4/2020 9:06 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 9:12 AM	0.1	1.2	---	-0.3	-0.2
11/4/2020 9:18 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 9:24 AM	0.1	1.3	---	-0.3	-0.2
11/4/2020 9:30 AM	0.2	1.3	---	-0.3	-0.2
11/4/2020 9:36 AM	0.2	1.3	---	-0.3	-0.2
11/4/2020 9:42 AM	0.2	1.3	---	-0.3	-0.2
11/4/2020 9:48 AM	0.2	1.4	---	-0.3	-0.2
11/4/2020 9:54 AM	0.2	1.4	---	-0.3	-0.2
11/4/2020 10:00 AM	0.2	1.3	---	-0.3	-0.2
11/4/2020 10:06 AM	0.2	1.3	---	-0.3	-0.1
11/4/2020 10:12 AM	0.2	11.3	---	-0.4	-0.1
11/4/2020 10:18 AM	0.2	26.2	---	-0.4	-0.2
11/4/2020 10:24 AM	0.3	18.4	---	-0.4	-0.2
11/4/2020 10:30 AM	0.3	12.9	---	-0.4	-0.2
11/4/2020 10:36 AM	0.3	13.0	---	-0.4	-0.2
11/4/2020 10:42 AM	0.3	7.4	---	-0.4	-0.2
11/4/2020 10:48 AM	0.3	10.7	---	-0.3	-0.2
11/4/2020 10:54 AM	0.4	7.2	---	-0.2	-0.2
11/4/2020 11:00 AM	0.4	6.5	---	0.1	-0.1
11/4/2020 11:06 AM	0.4	10.4	---	0.2	-0.1
11/4/2020 11:12 AM	0.4	7.7	---	0.2	-0.1
11/4/2020 11:18 AM	0.5	3.1	---	10.6	-0.1
11/4/2020 11:24 AM	0.5	0.6	---	17.1	-0.1
11/4/2020 11:30 AM	0.5	0.8	---	8.3	-0.1
11/4/2020 11:36 AM	0.5	0.6	---	3.8	-0.1
11/4/2020 11:42 AM	0.5	0.5	---	4.0	-0.1
11/4/2020 11:48 AM	0.5	0.4	---	3.9	-0.1
11/4/2020 11:54 AM	0.5	0.3	---	2.6	-0.1
11/4/2020 12:00 PM	0.5	0.2	---	2.1	-0.1
11/4/2020 12:06 PM	0.3	0.1	---	1.7	-0.2
11/4/2020 12:12 PM	0.3	0.1	---	1.5	-0.2
11/4/2020 12:18 PM	0.3	0.0	---	1.4	-0.2
11/4/2020 12:24 PM	0.3	0.0	---	1.5	-0.2
11/4/2020 12:30 PM	0.3	4.9	---	1.6	-0.2
11/4/2020 12:36 PM	0.3	12.3	---	1.6	-0.2
11/4/2020 12:42 PM	0.3	10.3	---	0.4	-0.2
11/4/2020 12:48 PM	0.3	4.6	---	-0.7	-0.2
11/4/2020 12:54 PM	0.3	3.6	---	-0.8	-0.2
11/4/2020 1:00 PM	0.3	3.6	---	-0.8	-0.2
11/4/2020 1:06 PM	0.3	3.7	---	-0.7	-0.2
11/4/2020 1:12 PM	0.3	3.4	---	-0.7	-0.2
11/4/2020 1:18 PM	0.3	2.9	---	-0.7	-0.2
11/4/2020 1:24 PM	0.3	2.2	---	-0.7	-0.1
11/4/2020 1:30 PM	0.3	1.7	---	-0.7	-0.1
11/4/2020 1:36 PM	0.3	1.4	---	-0.7	4.1
11/4/2020 1:42 PM	0.3	1.1	---	-0.8	4.7
11/4/2020 1:48 PM	0.3	1.0	---	-0.8	0.1
11/4/2020 1:54 PM	0.3	0.9	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/4/2020 2:00 PM	0.3	0.7	---	-0.7	-0.1
11/4/2020 2:06 PM	0.3	0.7	---	-0.7	-0.2
11/4/2020 2:12 PM	0.3	0.6	---	-0.7	-0.2
11/4/2020 2:18 PM	0.3	0.6	---	-0.7	-0.2
11/4/2020 2:24 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 2:30 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 2:36 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 2:42 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 2:48 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 2:54 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 3:00 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 3:06 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 3:12 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 3:18 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 3:24 PM	0.4	0.4	---	-0.7	-0.2
11/4/2020 3:30 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 3:36 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 3:42 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 3:48 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 3:54 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 4:00 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 4:06 PM	0.3	0.2	---	-0.7	-0.2
11/4/2020 4:12 PM	0.3	0.2	---	-0.7	-0.2
11/4/2020 4:18 PM	0.3	0.2	---	-0.7	-0.2
11/4/2020 4:24 PM	0.3	0.3	---	-0.7	-0.2
11/4/2020 4:30 PM	0.3	0.4	---	-0.7	-0.2
11/4/2020 4:36 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 4:42 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 4:48 PM	0.3	0.4	---	-0.7	-0.1
11/4/2020 4:54 PM	0.3	0.4	---	-0.7	-0.1
11/4/2020 5:00 PM	0.3	0.5	---	-0.7	-0.2
11/4/2020 5:06 PM	0.3	0.4	---	-0.6	-0.2
11/4/2020 5:12 PM	0.3	0.4	---	-0.6	-0.2
11/4/2020 5:18 PM	0.3	0.4	---	-0.6	-0.2
11/4/2020 5:24 PM	0.3	0.4	---	-0.6	-0.2
11/4/2020 5:30 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 5:36 PM	0.2	0.4	---	-0.6	-0.1
11/4/2020 5:42 PM	0.2	0.4	---	-0.6	-0.1
11/4/2020 5:48 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 5:54 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 6:00 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 6:06 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:12 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:18 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:24 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:30 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:36 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 6:42 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:48 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 6:54 PM	0.2	0.5	---	-0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/4/2020 7:00 PM	0.2	0.5	---	-0.7	-0.1
11/4/2020 7:06 PM	0.2	0.4	---	-0.6	-0.1
11/4/2020 7:12 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:18 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:24 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:30 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:36 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:42 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 7:48 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 7:54 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 8:00 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 8:06 PM	0.2	0.5	---	-0.6	-0.2
11/4/2020 8:12 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 8:18 PM	0.2	0.4	---	-0.6	-0.2
11/4/2020 8:24 PM	0.2	0.4	---	-0.6	-0.1
11/4/2020 8:30 PM	0.2	0.3	---	-0.6	-0.1
11/4/2020 8:36 PM	0.2	0.3	---	-0.6	-0.2
11/4/2020 8:42 PM	0.2	0.3	---	-0.6	-0.2
11/4/2020 8:48 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 8:54 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 9:00 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 9:06 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:12 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:18 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:24 PM	0.1	0.3	---	-0.6	-0.1
11/4/2020 9:30 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:36 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:42 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:48 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 9:54 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:00 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:06 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:12 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:18 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:24 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 10:30 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 10:36 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 10:42 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:48 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 10:54 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 11:00 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:06 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:12 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:18 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:24 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 11:30 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:36 PM	0.1	0.4	---	-0.6	-0.2
11/4/2020 11:42 PM	0.1	0.3	---	-0.6	-0.2
11/4/2020 11:48 PM	0.1	0.3	---	-0.5	-0.2
11/4/2020 11:54 PM	0.1	0.4	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

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Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/5/2020 12:00 AM	0.1	0.4	---	-0.5	-0.2
11/5/2020 12:06 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:12 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:18 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:24 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:30 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:36 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:42 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:48 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 12:54 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:00 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:06 AM	0.1	0.4	---	-0.5	-0.2
11/5/2020 1:12 AM	0.1	0.4	---	-0.5	-0.2
11/5/2020 1:18 AM	0.1	0.4	---	-0.5	-0.2
11/5/2020 1:24 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:30 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:36 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:42 AM	0.1	0.4	---	-0.5	-0.2
11/5/2020 1:48 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 1:54 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 2:00 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 2:06 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 2:12 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 2:18 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 2:24 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 2:30 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 2:36 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 2:42 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 2:48 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 2:54 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 3:00 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 3:06 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 3:12 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 3:18 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 3:24 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 3:30 AM	0.1	0.3	---	-0.5	-0.2
11/5/2020 3:36 AM	0.1	0.2	---	-0.5	-0.2
11/5/2020 3:42 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 3:48 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 3:54 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:00 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:06 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:12 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:18 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:24 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 4:30 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 4:36 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:42 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 4:48 AM	0.1	0.1	---	-0.5	-0.1
11/5/2020 4:54 AM	0.1	0.2	---	-0.5	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/5/2020 5:00 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 5:06 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 5:12 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:18 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:24 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:30 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:36 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:42 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:48 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 5:54 AM	0.1	0.4	---	-0.5	-0.1
11/5/2020 6:00 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:06 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:12 AM	0.1	0.4	---	-0.5	-0.1
11/5/2020 6:18 AM	0.1	0.4	---	-0.5	-0.1
11/5/2020 6:24 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:30 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:36 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:42 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 6:48 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 6:54 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 7:00 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 7:06 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 7:12 AM	0.1	0.2	---	-0.5	-0.1
11/5/2020 7:18 AM	0.1	0.3	---	-0.5	-0.1
11/5/2020 7:24 AM	0.1	0.1	---	-0.5	-0.1
11/5/2020 7:30 AM	0.1	-0.1	---	-0.5	-0.1
11/5/2020 7:36 AM	0.1	-0.1	---	-0.5	-0.1
11/5/2020 7:42 AM	0.1	-0.5	---	-0.5	-0.1
11/5/2020 7:48 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 7:54 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:00 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:06 AM	0.1	-0.5	---	-0.5	-0.1
11/5/2020 8:12 AM	0.1	-0.5	---	-0.5	-0.1
11/5/2020 8:18 AM	0.1	-0.5	---	-0.5	-0.1
11/5/2020 8:24 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:30 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:36 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:42 AM	0.1	-0.6	---	-0.5	-0.1
11/5/2020 8:48 AM	0.1	-0.7	---	-0.5	-0.1
11/5/2020 8:54 AM	0.1	-0.7	---	-0.5	-0.1
11/5/2020 9:00 AM	0.1	-0.8	---	-0.5	-0.1
11/5/2020 9:06 AM	0.1	-0.8	---	-0.5	-0.1
11/5/2020 9:12 AM	0.1	-0.7	---	-0.5	-0.1
11/5/2020 9:18 AM	0.1	-0.8	---	-0.5	-0.1
11/5/2020 9:24 AM	0.1	2.3	---	-0.5	-0.1
11/5/2020 9:30 AM	0.1	4.8	---	-0.5	-0.1
11/5/2020 9:36 AM	0.1	1.9	---	-0.5	-0.1
11/5/2020 9:42 AM	0.1	0.8	---	-0.5	-0.1
11/5/2020 9:48 AM	0.1	0.7	---	-0.5	-0.1
11/5/2020 9:54 AM	0.1	0.6	---	-0.5	9.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/5/2020 10:00 AM	0.1	0.6	---	-0.5	17.7
11/5/2020 10:06 AM	0.1	0.5	---	-0.5	11.2
11/5/2020 10:12 AM	0.2	0.5	---	-0.5	6.6
11/5/2020 10:18 AM	0.2	0.4	---	-0.5	5.4
11/5/2020 10:24 AM	0.2	0.4	---	-0.5	5.5
11/5/2020 10:30 AM	0.2	0.3	---	-0.5	5.8
11/5/2020 10:36 AM	0.2	0.3	---	-0.5	5.4
11/5/2020 10:42 AM	0.2	0.3	---	-0.5	4.7
11/5/2020 10:48 AM	0.2	0.4	---	-0.5	3.9
11/5/2020 10:54 AM	0.2	0.3	---	-0.5	3.5
11/5/2020 11:00 AM	0.2	0.3	---	-0.5	3.1
11/5/2020 11:06 AM	0.2	0.3	---	-0.5	2.9
11/5/2020 11:12 AM	0.2	0.3	---	-0.5	2.8
11/5/2020 11:18 AM	0.3	0.3	---	-0.5	2.8
11/5/2020 11:24 AM	0.3	0.3	---	-0.5	2.7
11/5/2020 11:30 AM	0.3	0.3	---	-0.5	2.7
11/5/2020 11:36 AM	0.3	0.2	---	-0.5	2.6
11/5/2020 11:42 AM	0.3	0.2	---	-0.5	2.5
11/5/2020 11:48 AM	0.3	0.2	---	-0.5	2.5
11/5/2020 11:54 AM	0.3	0.2	---	-0.5	2.4
11/5/2020 12:00 PM	0.2	0.2	---	-0.6	2.4
11/5/2020 12:06 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 12:12 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 12:18 PM	-0.4	0.3	---	-0.7	2.2
11/5/2020 12:24 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 12:30 PM	-0.4	0.4	---	-0.7	2.3
11/5/2020 12:36 PM	-0.4	0.4	---	-0.7	2.3
11/5/2020 12:42 PM	-0.4	0.5	---	-0.7	2.2
11/5/2020 12:48 PM	-0.4	0.4	---	-0.7	2.3
11/5/2020 12:54 PM	-0.4	0.4	---	-0.7	2.3
11/5/2020 1:00 PM	<Samp	<Samp	---	<Samp	<Samp
11/5/2020 1:06 PM	Maintain	Maintain	---	Maintain	Maintain
11/5/2020 1:12 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 1:18 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 1:24 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 1:30 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 1:36 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 1:42 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 1:48 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 1:54 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 2:00 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 2:06 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 2:12 PM	-0.4	0.1	---	-0.7	2.3
11/5/2020 2:18 PM	-0.4	0.1	---	-0.7	2.3
11/5/2020 2:24 PM	-0.3	0.1	---	-0.7	2.3
11/5/2020 2:30 PM	-0.3	0.1	---	-0.7	2.3
11/5/2020 2:36 PM	-0.3	0.1	---	-0.7	2.3
11/5/2020 2:42 PM	-0.3	0.1	---	-0.7	2.3
11/5/2020 2:48 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 2:54 PM	-0.4	0.3	---	-0.7	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/5/2020 3:00 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 3:06 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 3:12 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 3:18 PM	-0.4	0.3	---	-0.7	2.3
11/5/2020 3:24 PM	-0.4	0.3	---	-0.7	2.4
11/5/2020 3:30 PM	-0.4	0.3	---	-0.7	2.4
11/5/2020 3:36 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 3:42 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 3:48 PM	-0.4	0.2	---	-0.7	2.3
11/5/2020 3:54 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 4:00 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 4:06 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 4:12 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 4:18 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 4:24 PM	-0.4	0.1	---	-0.7	2.3
11/5/2020 4:30 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 4:36 PM	-0.4	0.1	---	-0.7	1.9
11/5/2020 4:42 PM	-0.4	0.1	---	-0.7	2.0
11/5/2020 4:48 PM	-0.4	0.1	---	-0.7	2.0
11/5/2020 4:54 PM	-0.4	0.2	---	-0.7	2.0
11/5/2020 5:00 PM	-0.4	0.2	---	-0.7	2.0
11/5/2020 5:06 PM	-0.4	0.1	---	-0.7	2.0
11/5/2020 5:12 PM	-0.4	0.1	---	-0.7	2.0
11/5/2020 5:18 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 5:24 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 5:30 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 5:36 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 5:42 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 5:48 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 5:54 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 6:00 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:06 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:12 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:18 PM	-0.4	0.1	---	-0.7	2.2
11/5/2020 6:24 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:30 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:36 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:42 PM	-0.4	0.1	---	-0.7	2.1
11/5/2020 6:48 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 6:54 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 7:00 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 7:06 PM	-0.4	0.2	---	-0.7	2.1
11/5/2020 7:12 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 7:18 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 7:24 PM	-0.4	0.2	---	-0.7	2.2
11/5/2020 7:30 PM	-0.4	0.2	---	-0.6	2.2
11/5/2020 7:36 PM	-0.4	0.2	---	-0.6	2.2
11/5/2020 7:42 PM	-0.4	0.2	---	-0.6	2.2
11/5/2020 7:48 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 7:54 PM	-0.5	0.2	---	-0.6	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/5/2020 8:00 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:06 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:12 PM	-0.5	0.3	---	-0.6	2.2
11/5/2020 8:18 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:24 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:30 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:36 PM	-0.5	0.1	---	-0.6	2.2
11/5/2020 8:42 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:48 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 8:54 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 9:00 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 9:06 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 9:12 PM	-0.5	0.1	---	-0.6	2.1
11/5/2020 9:18 PM	-0.5	0.2	---	-0.7	2.1
11/5/2020 9:24 PM	-0.5	0.2	---	-0.7	2.1
11/5/2020 9:30 PM	-0.5	0.2	---	-0.7	2.2
11/5/2020 9:36 PM	-0.5	0.2	---	-0.7	2.2
11/5/2020 9:42 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 9:48 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 9:54 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 10:00 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 10:06 PM	-0.5	0.2	---	-0.6	2.1
11/5/2020 10:12 PM	-0.5	0.2	---	-0.6	2.1
11/5/2020 10:18 PM	-0.5	0.2	---	-0.6	2.1
11/5/2020 10:24 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 10:30 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 10:36 PM	-0.5	0.2	---	-0.6	2.1
11/5/2020 10:42 PM	-0.5	0.3	---	-0.6	2.2
11/5/2020 10:48 PM	-0.5	0.3	---	-0.6	2.2
11/5/2020 10:54 PM	-0.5	0.3	---	-0.6	2.2
11/5/2020 11:00 PM	-0.5	0.3	---	-0.6	2.1
11/5/2020 11:06 PM	-0.5	0.3	---	-0.6	2.2
11/5/2020 11:12 PM	-0.5	0.2	---	-0.6	2.2
11/5/2020 11:18 PM	-0.6	0.2	---	-0.6	2.2
11/5/2020 11:24 PM	-0.6	0.2	---	-0.6	2.2
11/5/2020 11:30 PM	-0.6	0.2	---	-0.6	2.1
11/5/2020 11:36 PM	-0.6	0.1	---	-0.6	2.1
11/5/2020 11:42 PM	-0.6	0.1	---	-0.6	2.1
11/5/2020 11:48 PM	-0.6	0.2	---	-0.6	2.1
11/5/2020 11:54 PM	-0.6	0.3	---	-0.6	1.7
11/6/2020 12:00 AM	-0.6	0.7	---	-0.6	0.5
11/6/2020 12:06 AM	-0.6	0.8	---	-0.6	-0.1
11/6/2020 12:12 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 12:18 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 12:24 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 12:30 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 12:36 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 12:42 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 12:48 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 12:54 AM	-0.6	0.6	---	-0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/6/2020 1:00 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 1:06 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 1:12 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 1:18 AM	-0.6	0.6	---	-0.6	-0.1
11/6/2020 1:24 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 1:30 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 1:36 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 1:42 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 1:48 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 1:54 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 2:00 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 2:06 AM	-0.6	0.5	---	-0.6	-0.1
11/6/2020 2:12 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 2:18 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 2:24 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 2:30 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 2:36 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 2:42 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 2:48 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 2:54 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:00 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:06 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:12 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:18 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:24 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:30 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:36 AM	-0.6	0.4	---	-0.6	-0.2
11/6/2020 3:42 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:48 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 3:54 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:00 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:06 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:12 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:18 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 4:24 AM	-0.6	0.4	---	-0.6	-0.1
11/6/2020 4:30 AM	-0.6	0.4	---	-0.6	-0.2
11/6/2020 4:36 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:42 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:48 AM	-0.6	0.3	---	-0.6	-0.1
11/6/2020 4:54 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 5:00 AM	-0.6	0.1	---	-0.6	-0.2
11/6/2020 5:06 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:12 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:18 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:24 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:30 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:36 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:42 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:48 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 5:54 AM	-0.6	0.1	---	-0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/6/2020 6:00 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:06 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:12 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:18 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:24 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:30 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:36 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:42 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:48 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 6:54 AM	-0.6	0.0	---	-0.6	-0.1
11/6/2020 7:00 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 7:06 AM	-0.6	0.1	---	-0.6	-0.2
11/6/2020 7:12 AM	-0.6	0.1	---	-0.6	-0.2
11/6/2020 7:18 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 7:24 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 7:30 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 7:36 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 7:42 AM	-0.6	0.1	---	-0.6	-0.1
11/6/2020 7:48 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 7:54 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 8:00 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 8:06 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 8:12 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 8:18 AM	-0.6	0.2	---	-0.6	-0.1
11/6/2020 8:24 AM	5.0	0.3	---	-0.6	-0.1
11/6/2020 8:30 AM	6.2	0.3	---	-0.6	4.6
11/6/2020 8:36 AM	3.5	0.1	---	12.5	5.2
11/6/2020 8:42 AM	3.2	0.1	---	12.3	0.0
11/6/2020 8:48 AM	2.4	0.1	---	0.9	-0.1
11/6/2020 8:54 AM	2.4	0.1	---	0.2	-0.1
11/6/2020 9:00 AM	2.2	0.1	---	-0.1	-0.1
11/6/2020 9:06 AM	1.3	0.1	---	-0.3	-0.2
11/6/2020 9:12 AM	1.0	0.1	---	-0.4	-0.2
11/6/2020 9:18 AM	0.8	0.1	---	-0.5	-0.2
11/6/2020 9:24 AM	0.8	0.1	---	-0.5	-0.2
11/6/2020 9:30 AM	0.7	0.1	---	-0.5	-0.2
11/6/2020 9:36 AM	0.7	0.0	---	-0.5	-0.2
11/6/2020 9:42 AM	0.6	1.0	---	-0.5	-0.2
11/6/2020 9:48 AM	0.6	1.3	---	-0.6	-0.2
11/6/2020 9:54 AM	0.6	0.3	---	-0.6	-0.1
11/6/2020 10:00 AM	0.6	0.3	---	-0.6	-0.1
11/6/2020 10:06 AM	0.5	0.2	---	-0.6	-0.2
11/6/2020 10:12 AM	0.5	0.3	---	-0.6	-0.1
11/6/2020 10:18 AM	0.5	0.3	---	-0.6	-0.1
11/6/2020 10:24 AM	0.4	0.3	---	-0.6	-0.2
11/6/2020 10:30 AM	0.6	0.3	---	-0.7	-0.2
11/6/2020 10:36 AM	0.9	0.3	---	-0.7	-0.1
11/6/2020 10:42 AM	1.0	0.3	---	-0.7	-0.1
11/6/2020 10:48 AM	1.1	0.3	---	-0.7	-0.1
11/6/2020 10:54 AM	1.1	0.3	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/6/2020 11:00 AM	1.1	0.6	---	-0.6	-0.1
11/6/2020 11:06 AM	1.1	0.5	---	-0.6	-0.1
11/6/2020 11:12 AM	1.1	0.3	---	-0.6	-0.1
11/6/2020 11:18 AM	1.0	0.3	---	-0.6	-0.1
11/6/2020 11:24 AM	1.0	0.3	---	-0.6	-0.1
11/6/2020 11:30 AM	0.9	0.2	---	-0.6	-0.1
11/6/2020 11:36 AM	0.8	0.2	---	-0.6	-0.1
11/6/2020 11:42 AM	0.7	0.3	---	-0.6	-0.1
11/6/2020 11:48 AM	0.7	0.3	---	-0.6	-0.1
11/6/2020 11:54 AM	0.6	0.3	---	-0.6	-0.1
11/6/2020 12:00 PM	0.5	0.3	---	-0.6	-0.1
11/6/2020 12:06 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:12 PM	0.3	0.3	---	-0.6	-0.2
11/6/2020 12:18 PM	0.3	0.3	---	-0.6	-0.2
11/6/2020 12:24 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:30 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:36 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:42 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:48 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 12:54 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 1:00 PM	0.3	0.4	---	-0.6	-0.2
11/6/2020 1:06 PM	0.3	0.0	---	-0.6	-0.2
11/6/2020 1:12 PM	0.3	-0.2	---	-0.6	-0.2
11/6/2020 1:18 PM	0.3	0.0	---	-0.6	-0.2
11/6/2020 1:24 PM	0.3	-0.2	---	-0.6	-0.2
11/6/2020 1:30 PM	0.3	-0.4	---	-0.6	-0.2
11/6/2020 1:36 PM	0.3	-0.5	---	-0.6	-0.2
11/6/2020 1:42 PM	0.3	-0.5	---	-0.6	4.7
11/6/2020 1:48 PM	0.3	-0.5	---	-0.6	7.8
11/6/2020 1:54 PM	0.3	-0.5	---	-0.6	2.4
11/6/2020 2:00 PM	0.3	2.9	---	-0.6	0.0
11/6/2020 2:06 PM	0.3	3.4	---	-0.6	-0.1
11/6/2020 2:12 PM	0.3	0.7	---	-0.6	-0.2
11/6/2020 2:18 PM	0.3	0.5	---	-0.6	-0.2
11/6/2020 2:24 PM	0.4	0.4	---	8.5	-0.2
11/6/2020 2:30 PM	0.3	0.0	---	15.7	-0.2
11/6/2020 2:36 PM	0.3	-0.5	---	10.0	-0.2
11/6/2020 2:42 PM	0.3	-0.6	---	4.9	-0.2
11/6/2020 2:48 PM	0.3	-0.6	---	4.0	-0.2
11/6/2020 2:54 PM	0.3	-0.6	---	4.0	-0.2
11/6/2020 3:00 PM	0.3	-0.6	---	2.8	-0.2
11/6/2020 3:06 PM	0.3	-0.6	---	1.9	-0.2
11/6/2020 3:12 PM	0.4	-0.7	---	1.8	-0.2
11/6/2020 3:18 PM	0.4	-0.7	---	1.7	-0.2
11/6/2020 3:24 PM	0.4	-0.7	---	1.7	-0.2
11/6/2020 3:30 PM	0.4	-0.7	---	1.6	-0.2
11/6/2020 3:36 PM	0.3	-0.7	---	1.7	-0.2
11/6/2020 3:42 PM	0.3	-0.7	---	1.9	-0.2
11/6/2020 3:48 PM	0.3	-0.7	---	1.9	-0.2
11/6/2020 3:54 PM	0.4	-0.8	---	1.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/6/2020 4:00 PM	0.4	-0.8	---	1.9	-0.2
11/6/2020 4:06 PM	0.3	-0.7	---	1.9	-0.2
11/6/2020 4:12 PM	0.4	-0.7	---	1.8	-0.2
11/6/2020 4:18 PM	0.4	-0.8	---	1.6	-0.2
11/6/2020 4:24 PM	0.3	-0.8	---	1.4	-0.2
11/6/2020 4:30 PM	0.3	-0.8	---	0.9	-0.2
11/6/2020 4:36 PM	0.3	-0.8	---	0.6	-0.2
11/6/2020 4:42 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 4:48 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 4:54 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 5:00 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 5:06 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 5:12 PM	0.3	-0.7	---	0.6	-0.2
11/6/2020 5:18 PM	0.3	-0.8	---	0.5	-0.2
11/6/2020 5:24 PM	0.3	-0.8	---	0.5	-0.2
11/6/2020 5:30 PM	0.3	-0.8	---	0.6	-0.2
11/6/2020 5:36 PM	0.2	-0.8	---	0.6	-0.2
11/6/2020 5:42 PM	0.2	-0.8	---	0.6	-0.2
11/6/2020 5:48 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 5:54 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:00 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:06 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:12 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:18 PM	0.2	-0.8	---	0.5	-0.2
11/6/2020 6:24 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:30 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:36 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:42 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 6:48 PM	0.2	-0.7	---	0.6	-0.2
11/6/2020 6:54 PM	0.2	-0.7	---	0.6	-0.2
11/6/2020 7:00 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 7:06 PM	0.1	-0.7	---	0.5	-0.2
11/6/2020 7:12 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 7:18 PM	0.2	-0.7	---	0.6	-0.2
11/6/2020 7:24 PM	0.2	-0.7	---	0.6	-0.2
11/6/2020 7:30 PM	0.2	-0.7	---	0.6	-0.2
11/6/2020 7:36 PM	0.2	-0.7	---	0.5	-0.2
11/6/2020 7:42 PM	0.1	-0.7	---	0.5	-0.2
11/6/2020 7:48 PM	0.1	-0.7	---	0.4	-0.2
11/6/2020 7:54 PM	0.1	-0.7	---	0.3	-0.2
11/6/2020 8:00 PM	0.1	-0.7	---	0.4	-0.2
11/6/2020 8:06 PM	0.1	-0.7	---	0.4	-0.2
11/6/2020 8:12 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 8:18 PM	0.1	-0.7	---	0.4	-0.2
11/6/2020 8:24 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 8:30 PM	0.1	-0.7	---	0.5	-0.2
11/6/2020 8:36 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 8:42 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 8:48 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 8:54 PM	0.1	-0.6	---	0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/6/2020 9:00 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:06 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:12 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:18 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:24 PM	0.1	-0.7	---	0.5	-0.2
11/6/2020 9:30 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:36 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:42 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:48 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 9:54 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 10:00 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 10:06 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 10:12 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 10:18 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 10:24 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 10:30 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 10:36 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 10:42 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 10:48 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 10:54 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:00 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:06 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:12 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 11:18 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 11:24 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 11:30 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:36 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:42 PM	0.1	-0.6	---	0.4	-0.2
11/6/2020 11:48 PM	0.1	-0.6	---	0.5	-0.2
11/6/2020 11:54 PM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:00 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:06 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:12 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:18 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:24 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:30 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:36 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:42 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:48 AM	0.1	-0.6	---	0.5	-0.2
11/7/2020 12:54 AM	0.0	-0.6	---	0.5	-0.2
11/7/2020 1:00 AM	0.0	-0.6	---	0.5	-0.2
11/7/2020 1:06 AM	0.0	-0.6	---	0.5	-0.2
11/7/2020 1:12 AM	0.0	-0.6	---	0.5	-0.2
11/7/2020 1:18 AM	0.0	-0.6	---	0.6	-0.2
11/7/2020 1:24 AM	-0.3	-0.6	---	2.2	-0.2
11/7/2020 1:30 AM	-0.6	-0.5	---	3.0	-0.2
11/7/2020 1:36 AM	-0.7	-0.5	---	2.4	-0.2
11/7/2020 1:42 AM	-0.7	-0.6	---	2.2	-0.2
11/7/2020 1:48 AM	-0.7	-0.6	---	2.1	-0.2
11/7/2020 1:54 AM	-0.7	-0.6	---	2.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Start of Report:

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/7/2020 2:00 AM	-0.7	-0.5	---	1.9	-0.2
11/7/2020 2:06 AM	-0.7	-0.5	---	1.9	-0.2
11/7/2020 2:12 AM	-0.7	-0.5	---	1.8	-0.2
11/7/2020 2:18 AM	-0.7	-0.5	---	1.8	-0.2
11/7/2020 2:24 AM	-0.7	-0.5	---	1.6	-0.2
11/7/2020 2:30 AM	-0.7	-0.5	---	1.5	-0.2
11/7/2020 2:36 AM	-0.7	-0.6	---	1.4	-0.2
11/7/2020 2:42 AM	-0.6	-0.6	---	1.4	-0.2
11/7/2020 2:48 AM	-0.6	-0.6	---	1.3	-0.2
11/7/2020 2:54 AM	-0.7	-0.5	---	1.2	-0.2
11/7/2020 3:00 AM	-0.6	-0.5	---	1.2	-0.2
11/7/2020 3:06 AM	-0.7	-0.5	---	1.2	-0.2
11/7/2020 3:12 AM	-0.7	-0.5	---	1.2	-0.2
11/7/2020 3:18 AM	-0.7	-0.5	---	1.1	-0.2
11/7/2020 3:24 AM	-0.7	-0.5	---	1.1	-0.2
11/7/2020 3:30 AM	-0.6	-0.5	---	1.0	-0.2
11/7/2020 3:36 AM	-0.6	-0.5	---	1.0	-0.2
11/7/2020 3:42 AM	-0.7	-0.5	---	1.1	-0.2
11/7/2020 3:48 AM	-0.7	-0.5	---	1.1	-0.2
11/7/2020 3:54 AM	-0.7	-0.5	---	0.9	-0.2
11/7/2020 4:00 AM	-0.6	-0.5	---	0.6	-0.2
11/7/2020 4:06 AM	-0.6	-0.5	---	0.7	-0.2
11/7/2020 4:12 AM	-0.6	-0.5	---	0.7	-0.2
11/7/2020 4:18 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 4:24 AM	-0.6	-0.5	---	0.7	-0.2
11/7/2020 4:30 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 4:36 AM	-0.6	-0.5	---	0.7	-0.2
11/7/2020 4:42 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 4:48 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 4:54 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 5:00 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 5:06 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 5:12 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:18 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:24 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 5:30 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:36 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:42 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:48 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 5:54 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:00 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:06 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:12 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:18 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:24 AM	-0.7	-0.5	---	0.8	-0.2
11/7/2020 6:30 AM	-0.8	-0.5	---	0.7	-0.2
11/7/2020 6:36 AM	-0.8	-0.5	---	0.7	-0.2
11/7/2020 6:42 AM	-0.8	-0.5	---	0.7	-0.2
11/7/2020 6:48 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 6:54 AM	-0.7	-0.5	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/7/2020 7:00 AM	-0.7	-0.5	---	0.7	-0.2
11/7/2020 7:06 AM	-0.8	-0.5	---	0.7	-0.2
11/7/2020 7:12 AM	-0.8	-0.5	---	0.7	-0.2
11/7/2020 7:18 AM	-0.8	-0.5	---	0.8	-0.2
11/7/2020 7:24 AM	-0.8	-0.5	---	2.0	-0.2
11/7/2020 7:30 AM	-0.8	-0.5	---	2.6	-0.2
11/7/2020 7:36 AM	-0.8	-0.5	---	2.3	-0.2
11/7/2020 7:42 AM	-0.7	-0.5	---	2.3	-0.2
11/7/2020 7:48 AM	-0.7	-0.5	---	2.2	-0.2
11/7/2020 7:54 AM	-0.7	-0.5	---	2.2	-0.2
11/7/2020 8:00 AM	-0.8	-0.5	---	2.1	-0.2
11/7/2020 8:06 AM	-0.7	-0.5	---	2.0	-0.2
11/7/2020 8:12 AM	-0.7	-0.5	---	1.8	-0.2
11/7/2020 8:18 AM	-0.7	-0.5	---	1.7	-0.2
11/7/2020 8:24 AM	-0.7	-0.5	---	1.7	-0.2
11/7/2020 8:30 AM	-0.7	-0.5	---	1.4	-0.2
11/7/2020 8:36 AM	-0.7	-0.4	---	1.3	-0.2
11/7/2020 8:42 AM	-0.7	-0.4	---	1.3	-0.2
11/7/2020 8:48 AM	-0.7	-0.4	---	1.3	-0.2
11/7/2020 8:54 AM	-0.7	-0.4	---	1.4	-0.2
11/7/2020 9:00 AM	-0.7	-0.4	---	1.3	-0.2
11/7/2020 9:06 AM	-0.7	-0.4	---	1.3	-0.2
11/7/2020 9:12 AM	-0.6	-0.4	---	1.3	-0.2
11/7/2020 9:18 AM	-0.6	-0.4	---	1.3	-0.2
11/7/2020 9:24 AM	-0.6	-0.4	---	1.3	-0.2
11/7/2020 9:30 AM	-0.6	-0.4	---	1.4	-0.2
11/7/2020 9:36 AM	-0.6	-0.4	---	1.7	-0.2
11/7/2020 9:42 AM	-0.6	-0.4	---	2.6	-0.2
11/7/2020 9:48 AM	-0.6	-0.4	---	3.1	-0.2
11/7/2020 9:54 AM	-0.5	-0.4	---	2.9	-0.2
11/7/2020 10:00 AM	-0.5	-0.4	---	2.7	-0.2
11/7/2020 10:06 AM	-0.5	-0.4	---	2.7	-0.2
11/7/2020 10:12 AM	-0.5	-0.4	---	4.3	-0.2
11/7/2020 10:18 AM	-0.5	-0.4	---	4.9	-0.2
11/7/2020 10:24 AM	-0.5	-0.4	---	4.2	-0.2
11/7/2020 10:30 AM	-0.5	-0.4	---	3.8	-0.2
11/7/2020 10:36 AM	-0.4	-0.4	---	4.0	-0.2
11/7/2020 10:42 AM	-0.4	-0.4	---	4.2	-0.2
11/7/2020 10:48 AM	-0.4	-0.4	---	4.1	-0.2
11/7/2020 10:54 AM	-0.4	-0.4	---	4.0	-0.2
11/7/2020 11:00 AM	-0.3	-0.4	---	4.1	-0.2
11/7/2020 11:06 AM	-0.3	-0.4	---	4.1	-0.2
11/7/2020 11:12 AM	-0.3	-0.4	---	4.1	-0.2
11/7/2020 11:18 AM	-0.3	-0.4	---	4.1	-0.2
11/7/2020 11:24 AM	-0.3	-0.3	---	4.3	-0.2
11/7/2020 11:30 AM	-0.3	-0.4	---	4.4	-0.2
11/7/2020 11:36 AM	-0.3	-0.4	---	4.3	-0.2
11/7/2020 11:42 AM	-0.3	-0.4	---	4.2	-0.2
11/7/2020 11:48 AM	-0.3	-0.4	---	4.1	-0.2
11/7/2020 11:54 AM	-0.3	-0.4	---	4.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/7/2020 12:00 PM	-0.3	-0.4	---	3.9	-0.2
11/7/2020 12:06 PM	-0.3	-0.4	---	4.1	-0.1
11/7/2020 12:12 PM	-0.3	-0.4	---	4.4	-0.1
11/7/2020 12:18 PM	-0.3	-0.4	---	4.5	-0.1
11/7/2020 12:24 PM	-0.3	-0.3	---	4.5	-0.1
11/7/2020 12:30 PM	-0.3	-0.3	---	4.5	-0.1
11/7/2020 12:36 PM	-0.3	-0.3	---	4.5	-0.1
11/7/2020 12:42 PM	-0.3	8.4	---	4.5	-0.1
11/7/2020 12:48 PM	-0.3	13.2	---	4.5	-0.1
11/7/2020 12:54 PM	-0.3	8.9	---	3.2	-0.1
11/7/2020 1:00 PM	-0.3	7.2	---	1.0	-0.1
11/7/2020 1:06 PM	-0.3	5.2	---	0.7	-0.1
11/7/2020 1:12 PM	-0.3	4.5	---	0.7	-0.1
11/7/2020 1:18 PM	-0.4	4.0	---	0.7	-0.1
11/7/2020 1:24 PM	-0.3	3.8	---	0.8	-0.1
11/7/2020 1:30 PM	-0.4	3.4	---	0.8	-0.1
11/7/2020 1:36 PM	-0.4	3.0	---	0.8	-0.1
11/7/2020 1:42 PM	-0.4	2.6	---	0.8	-0.1
11/7/2020 1:48 PM	-0.4	1.9	---	0.8	-0.1
11/7/2020 1:54 PM	-0.4	1.6	---	0.8	-0.1
11/7/2020 2:00 PM	-0.4	1.3	---	0.8	-0.1
11/7/2020 2:06 PM	-0.4	1.1	---	0.8	-0.1
11/7/2020 2:12 PM	-0.4	1.0	---	0.9	-0.1
11/7/2020 2:18 PM	-0.3	0.9	---	0.8	-0.1
11/7/2020 2:24 PM	-0.3	0.8	---	0.6	-0.1
11/7/2020 2:30 PM	-0.4	0.8	---	0.5	-0.1
11/7/2020 2:36 PM	-0.4	0.7	---	0.5	-0.1
11/7/2020 2:42 PM	-0.4	0.6	---	0.5	-0.1
11/7/2020 2:48 PM	-0.3	0.6	---	0.6	-0.1
11/7/2020 2:54 PM	-0.4	0.6	---	0.6	-0.1
11/7/2020 3:00 PM	-0.4	0.5	---	0.6	-0.1
11/7/2020 3:06 PM	-0.4	0.5	---	0.6	-0.1
11/7/2020 3:12 PM	-0.4	0.5	---	0.5	-0.1
11/7/2020 3:18 PM	-0.4	0.5	---	0.4	-0.1
11/7/2020 3:24 PM	-0.4	0.5	---	0.4	-0.1
11/7/2020 3:30 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 3:36 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 3:42 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 3:48 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 3:54 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:00 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:06 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:12 PM	-0.4	0.5	---	0.5	-0.1
11/7/2020 4:18 PM	-0.4	0.4	---	0.6	-0.1
11/7/2020 4:24 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:30 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:36 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:42 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:48 PM	-0.4	0.4	---	0.5	-0.1
11/7/2020 4:54 PM	-0.4	0.3	---	0.5	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/7/2020 5:00 PM	-0.4	0.3	---	0.5	-0.1
11/7/2020 5:06 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:12 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:18 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:24 PM	-0.4	0.3	---	0.5	-0.1
11/7/2020 5:30 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:36 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:42 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 5:48 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 5:54 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 6:00 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 6:06 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 6:12 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 6:18 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 6:24 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 6:30 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 6:36 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 6:42 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 6:48 PM	-0.5	0.2	---	0.6	-0.1
11/7/2020 6:54 PM	-0.5	0.3	---	0.6	-0.1
11/7/2020 7:00 PM	-0.5	0.3	---	0.6	-0.1
11/7/2020 7:06 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 7:12 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 7:18 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 7:24 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 7:30 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 7:36 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 7:42 PM	-0.5	0.3	---	0.6	-0.1
11/7/2020 7:48 PM	-0.5	0.2	---	0.6	-0.1
11/7/2020 7:54 PM	-0.5	0.2	---	0.6	-0.1
11/7/2020 8:00 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 8:06 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 8:12 PM	-0.6	0.2	---	0.5	-0.1
11/7/2020 8:18 PM	-0.5	0.2	---	0.6	-0.1
11/7/2020 8:24 PM	-0.5	0.2	---	0.6	-0.1
11/7/2020 8:30 PM	-0.5	0.2	---	0.5	-0.1
11/7/2020 8:36 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 8:42 PM	-0.5	0.3	---	0.5	-0.1
11/7/2020 8:48 PM	-0.5	0.3	---	0.8	-0.1
11/7/2020 8:54 PM	-0.5	0.1	---	2.6	5.0
11/7/2020 9:00 PM	-0.6	-0.5	---	3.3	7.2
11/7/2020 9:06 PM	-0.5	-0.7	---	2.9	1.0
11/7/2020 9:12 PM	-0.5	-0.7	---	2.8	0.2
11/7/2020 9:18 PM	-0.5	-0.6	---	2.8	0.1
11/7/2020 9:24 PM	-0.6	-0.7	---	2.8	0.1
11/7/2020 9:30 PM	-0.6	-0.8	---	2.9	0.0
11/7/2020 9:36 PM	-0.6	-0.7	---	2.9	0.0
11/7/2020 9:42 PM	-0.6	-0.7	---	2.9	0.0
11/7/2020 9:48 PM	-0.6	-0.8	---	2.9	-0.1
11/7/2020 9:54 PM	-0.6	-0.8	---	3.0	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/7/2020 10:00 PM	-0.6	-0.8	---	2.9	-0.1
11/7/2020 10:06 PM	-0.6	-0.8	---	2.8	-0.1
11/7/2020 10:12 PM	-0.6	-0.8	---	2.9	-0.1
11/7/2020 10:18 PM	-0.6	-0.8	---	3.0	-0.1
11/7/2020 10:24 PM	-0.6	-0.8	---	3.1	-0.1
11/7/2020 10:30 PM	-0.6	-0.8	---	3.1	-0.1
11/7/2020 10:36 PM	-0.6	-0.8	---	3.2	-0.1
11/7/2020 10:42 PM	-0.6	-0.8	---	3.0	-0.2
11/7/2020 10:48 PM	-0.6	-0.8	---	2.9	-0.2
11/7/2020 10:54 PM	-0.6	-0.8	---	3.0	-0.2
11/7/2020 11:00 PM	-0.6	-0.8	---	2.8	-0.2
11/7/2020 11:06 PM	-0.6	-0.8	---	2.7	-0.2
11/7/2020 11:12 PM	-0.6	-0.8	---	2.8	-0.2
11/7/2020 11:18 PM	-0.6	-0.7	---	2.8	-0.2
11/7/2020 11:24 PM	-0.6	-0.8	---	2.7	-0.2
11/7/2020 11:30 PM	-0.6	-0.8	---	2.8	-0.2
11/7/2020 11:36 PM	-0.6	-0.8	---	2.8	-0.2
11/7/2020 11:42 PM	-0.6	-0.8	---	2.8	-0.2
11/7/2020 11:48 PM	-0.6	-0.8	---	2.7	-0.2
11/7/2020 11:54 PM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:00 AM	-0.6	-0.8	---	2.6	-0.2
11/8/2020 12:06 AM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:12 AM	-0.6	-0.8	---	2.8	-0.2
11/8/2020 12:18 AM	-0.6	-0.8	---	2.8	-0.2
11/8/2020 12:24 AM	-0.6	-0.8	---	2.8	-0.2
11/8/2020 12:30 AM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:36 AM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:42 AM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:48 AM	-0.6	-0.8	---	2.7	-0.2
11/8/2020 12:54 AM	-0.6	-0.7	---	2.7	-0.2
11/8/2020 1:00 AM	-0.6	-0.7	---	2.7	-0.2
11/8/2020 1:06 AM	-0.7	-0.8	---	2.7	-0.2
11/8/2020 1:12 AM	-0.7	-0.8	---	2.8	-0.2
11/8/2020 1:18 AM	-0.6	-0.8	---	2.9	-0.2
11/8/2020 1:24 AM	-0.7	-0.8	---	3.0	-0.2
11/8/2020 1:30 AM	-0.6	-0.8	---	3.2	-0.2
11/8/2020 1:36 AM	-0.6	-0.7	---	3.2	-0.2
11/8/2020 1:42 AM	-0.7	-0.7	---	3.0	-0.2
11/8/2020 1:48 AM	-0.7	-0.7	---	3.0	-0.2
11/8/2020 1:54 AM	-0.7	-0.7	---	2.9	-0.2
11/8/2020 2:00 AM	-0.7	-0.7	---	2.0	-0.2
11/8/2020 2:06 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 2:12 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 2:18 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 2:24 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 2:30 AM	-0.7	-0.8	---	0.7	-0.2
11/8/2020 2:36 AM	-0.7	-0.8	---	0.7	-0.2
11/8/2020 2:42 AM	-0.7	-0.8	---	0.8	-0.2
11/8/2020 2:48 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 2:54 AM	-0.7	-0.8	---	0.8	-0.2

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North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/8/2020 3:00 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:06 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:12 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:18 AM	-0.7	-0.8	---	0.8	-0.2
11/8/2020 3:24 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:30 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:36 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:42 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:48 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 3:54 AM	-0.7	-0.8	---	0.9	-0.2
11/8/2020 4:00 AM	-0.7	-0.8	---	0.9	-0.2
11/8/2020 4:06 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 4:12 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 4:18 AM	-0.7	-0.7	---	0.8	-0.2
11/8/2020 4:24 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 4:30 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 4:36 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 4:42 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 4:48 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 4:54 AM	-0.7	-0.7	---	0.9	-0.2
11/8/2020 5:00 AM	-0.7	-0.8	---	0.7	-0.2
11/8/2020 5:06 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:12 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:18 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:24 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:30 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 5:36 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:42 AM	-0.7	-0.7	---	0.6	-0.2
11/8/2020 5:48 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 5:54 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:00 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:06 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:12 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 6:18 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:24 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:30 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:36 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:42 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:48 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 6:54 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 7:00 AM	-0.7	-0.7	---	0.7	-0.2
11/8/2020 7:06 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 7:12 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 7:18 AM	-0.8	-0.6	---	0.7	-0.2
11/8/2020 7:24 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 7:30 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 7:36 AM	-0.7	-0.6	---	0.7	-0.2
11/8/2020 7:42 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 7:48 AM	-0.7	-0.6	---	1.1	-0.2
11/8/2020 7:54 AM	-0.7	-0.6	---	1.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/8/2020 8:00 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:06 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:12 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:18 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:24 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:30 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:36 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 8:42 AM	-0.7	-0.6	---	0.9	-0.1
11/8/2020 8:48 AM	-0.7	-0.6	---	0.9	-0.1
11/8/2020 8:54 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 9:00 AM	-0.7	-0.6	---	0.9	-0.2
11/8/2020 9:06 AM	-0.7	-0.6	---	1.5	-0.2
11/8/2020 9:12 AM	-0.7	-0.6	---	2.8	-0.2
11/8/2020 9:18 AM	-0.7	-0.6	---	2.7	-0.2
11/8/2020 9:24 AM	-0.7	-0.6	---	2.7	-0.2
11/8/2020 9:30 AM	-0.7	-0.6	---	2.7	-0.2
11/8/2020 9:36 AM	-0.7	-0.6	---	2.7	-0.2
11/8/2020 9:42 AM	-0.7	-0.6	---	2.8	-0.2
11/8/2020 9:48 AM	-0.7	-0.6	---	2.8	-0.2
11/8/2020 9:54 AM	-0.7	-0.6	---	3.5	-0.2
11/8/2020 10:00 AM	-0.7	-0.5	---	4.6	-0.2
11/8/2020 10:06 AM	-0.7	-0.6	---	4.5	-0.2
11/8/2020 10:12 AM	-0.7	-0.5	---	4.5	-0.2
11/8/2020 10:18 AM	-0.7	-0.5	---	4.5	-0.2
11/8/2020 10:24 AM	-0.6	-0.5	---	4.4	-0.2
11/8/2020 10:30 AM	-0.6	-0.5	---	4.3	-0.2
11/8/2020 10:36 AM	-0.6	-0.6	---	4.3	-0.2
11/8/2020 10:42 AM	-0.6	-0.5	---	4.6	-0.2
11/8/2020 10:48 AM	-0.6	-0.5	---	4.3	-0.2
11/8/2020 10:54 AM	-0.6	-0.5	---	4.3	-0.2
11/8/2020 11:00 AM	-0.6	-0.5	---	4.4	-0.2
11/8/2020 11:06 AM	-0.6	-0.5	---	4.3	-0.2
11/8/2020 11:12 AM	-0.5	-0.5	---	4.4	-0.2
11/8/2020 11:18 AM	-0.5	-0.5	---	4.4	-0.2
11/8/2020 11:24 AM	-0.5	-0.5	---	4.3	-0.1
11/8/2020 11:30 AM	-0.5	-0.5	---	4.3	-0.1
11/8/2020 11:36 AM	-0.5	-0.5	---	4.3	-0.1
11/8/2020 11:42 AM	-0.5	-0.5	---	4.1	-0.1
11/8/2020 11:48 AM	-0.5	-0.5	---	4.1	-0.1
11/8/2020 11:54 AM	-0.4	-0.5	---	4.1	-0.1
11/8/2020 12:00 PM	-0.4	-0.5	---	4.2	-0.1
11/8/2020 12:06 PM	-0.4	-0.5	---	4.4	-0.1
11/8/2020 12:12 PM	-0.4	-0.5	---	4.3	-0.1
11/8/2020 12:18 PM	-0.4	-0.5	---	4.4	-0.1
11/8/2020 12:24 PM	-0.4	-0.5	---	4.5	-0.1
11/8/2020 12:30 PM	-0.4	-0.5	---	4.4	-0.1
11/8/2020 12:36 PM	-0.4	-0.5	---	4.4	-0.1
11/8/2020 12:42 PM	-0.3	-0.4	---	4.5	-0.1
11/8/2020 12:48 PM	-0.3	-0.4	---	4.3	-0.1
11/8/2020 12:54 PM	-0.3	-0.4	---	4.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/8/2020 1:00 PM	-0.3	-0.5	---	4.1	-0.1
11/8/2020 1:06 PM	-0.3	-0.5	---	4.2	-0.1
11/8/2020 1:12 PM	-0.3	-0.5	---	4.3	-0.1
11/8/2020 1:18 PM	-0.3	-0.5	---	4.4	-0.1
11/8/2020 1:24 PM	-0.3	-0.5	---	4.6	-0.1
11/8/2020 1:30 PM	-0.3	-0.5	---	2.6	-0.1
11/8/2020 1:36 PM	-0.3	-0.5	---	0.6	-0.1
11/8/2020 1:42 PM	-0.3	-0.5	---	0.6	-0.1
11/8/2020 1:48 PM	-0.3	-0.5	---	0.7	-0.1
11/8/2020 1:54 PM	-0.3	-0.5	---	0.7	-0.1
11/8/2020 2:00 PM	-0.3	-0.5	---	0.8	-0.1
11/8/2020 2:06 PM	-0.3	-0.5	---	0.8	-0.1
11/8/2020 2:12 PM	-0.3	-0.5	---	0.8	-0.1
11/8/2020 2:18 PM	-0.3	-0.5	---	0.9	-0.1
11/8/2020 2:24 PM	-0.3	-0.5	---	0.9	-0.1
11/8/2020 2:30 PM	-0.3	-0.5	---	1.0	-0.1
11/8/2020 2:36 PM	-0.3	-0.5	---	1.0	-0.1
11/8/2020 2:42 PM	-0.4	-0.5	---	1.1	-0.1
11/8/2020 2:48 PM	-0.4	-0.5	---	1.1	-0.1
11/8/2020 2:54 PM	-0.3	-0.5	---	1.1	-0.1
11/8/2020 3:00 PM	-0.3	-0.5	---	1.1	-0.1
11/8/2020 3:06 PM	-0.4	-0.5	---	1.2	-0.1
11/8/2020 3:12 PM	-0.4	-0.5	---	1.1	-0.1
11/8/2020 3:18 PM	-0.4	-0.5	---	1.2	-0.1
11/8/2020 3:24 PM	-0.4	-0.5	---	1.2	-0.1
11/8/2020 3:30 PM	-0.4	-0.5	---	1.2	-0.1
11/8/2020 3:36 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 3:42 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 3:48 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 3:54 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:00 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:06 PM	-0.4	-0.5	---	1.4	-0.1
11/8/2020 4:12 PM	-0.4	-0.5	---	1.4	-0.1
11/8/2020 4:18 PM	-0.4	-0.5	---	1.4	-0.1
11/8/2020 4:24 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:30 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:36 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:42 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:48 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 4:54 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 5:00 PM	-0.4	-0.5	---	1.3	-0.1
11/8/2020 5:06 PM	-0.5	-0.5	---	1.3	-0.1
11/8/2020 5:12 PM	-0.5	-0.5	---	1.3	-0.1
11/8/2020 5:18 PM	-0.5	-0.5	---	1.3	-0.1
11/8/2020 5:24 PM	-0.5	-0.5	---	0.9	-0.1
11/8/2020 5:30 PM	-0.5	-0.5	---	0.4	-0.1
11/8/2020 5:36 PM	-0.5	-0.5	---	0.4	-0.1
11/8/2020 5:42 PM	-0.5	-0.5	---	0.5	-0.1
11/8/2020 5:48 PM	-0.5	-0.5	---	0.5	-0.1
11/8/2020 5:54 PM	-0.5	-0.5	---	0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/8/2020 6:00 PM	-0.5	-0.5	---	0.6	-0.1
11/8/2020 6:06 PM	-0.5	-0.4	---	0.6	-0.1
11/8/2020 6:12 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:18 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:24 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:30 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:36 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:42 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:48 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 6:54 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 7:00 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 7:06 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 7:12 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 7:18 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 7:24 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 7:30 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 7:36 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 7:42 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 7:48 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 7:54 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 8:00 PM	-0.6	-0.4	---	0.6	-0.1
11/8/2020 8:06 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:12 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:18 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:24 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:30 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:36 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 8:42 PM	-0.6	-0.3	---	0.6	-0.2
11/8/2020 8:48 PM	-0.6	-0.3	---	0.6	-0.2
11/8/2020 8:54 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 9:00 PM	-0.6	-0.4	---	0.6	-0.2
11/8/2020 9:06 PM	-0.6	-0.4	---	0.7	-0.2
11/8/2020 9:12 PM	-0.6	-0.3	---	0.7	-0.2
11/8/2020 9:18 PM	-0.6	-0.3	---	0.6	-0.2
11/8/2020 9:24 PM	-0.6	-0.3	---	0.7	-0.2
11/8/2020 9:30 PM	-0.7	-0.3	---	0.7	-0.2
11/8/2020 9:36 PM	-0.7	-0.3	---	0.6	-0.2
11/8/2020 9:42 PM	-0.7	-0.3	---	0.6	-0.2
11/8/2020 9:48 PM	-0.7	-0.3	---	0.6	-0.2
11/8/2020 9:54 PM	-0.7	-0.3	---	0.7	-0.2
11/8/2020 10:00 PM	-0.7	-0.2	---	0.6	-0.2
11/8/2020 10:06 PM	-0.7	-0.2	---	0.6	-0.2
11/8/2020 10:12 PM	-0.7	-0.2	---	0.7	-0.2
11/8/2020 10:18 PM	-0.7	-0.2	---	0.7	-0.2
11/8/2020 10:24 PM	-0.7	-0.2	---	0.6	-0.2
11/8/2020 10:30 PM	-0.7	-0.2	---	0.6	-0.2
11/8/2020 10:36 PM	-0.7	-0.2	---	0.6	-0.2
11/8/2020 10:42 PM	-0.7	-0.2	---	0.7	-0.2
11/8/2020 10:48 PM	-0.7	-0.2	---	0.7	-0.2
11/8/2020 10:54 PM	-0.7	-0.2	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/8/2020 11:00 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:06 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:12 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:18 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:24 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:30 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:36 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:42 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:48 PM	-0.7	-0.1	---	0.7	-0.2
11/8/2020 11:54 PM	-0.7	-0.1	---	0.7	-0.2
11/9/2020 12:00 AM	-0.7	-0.1	---	0.7	-0.2
11/9/2020 12:06 AM	-0.7	-0.1	---	0.7	-0.2
11/9/2020 12:12 AM	-0.7	-0.1	---	0.6	-0.2
11/9/2020 12:18 AM	-0.7	-0.1	---	0.6	-0.2
11/9/2020 12:24 AM	-0.7	-0.1	---	0.6	-0.2
11/9/2020 12:30 AM	-0.7	-0.1	---	0.7	-0.2
11/9/2020 12:36 AM	-0.7	-0.1	---	0.7	-0.2
11/9/2020 12:42 AM	-0.7	0.0	---	1.1	-0.2
11/9/2020 12:48 AM	-0.7	-0.1	---	1.9	-0.2
11/9/2020 12:54 AM	-0.8	0.0	---	2.0	-0.2
11/9/2020 1:00 AM	-0.8	0.0	---	1.9	-0.2
11/9/2020 1:06 AM	-0.8	0.0	---	1.7	-0.2
11/9/2020 1:12 AM	-0.8	0.0	---	1.6	-0.2
11/9/2020 1:18 AM	-0.8	0.0	---	1.5	-0.2
11/9/2020 1:24 AM	-0.8	0.0	---	1.4	-0.2
11/9/2020 1:30 AM	-0.8	0.0	---	1.4	-0.2
11/9/2020 1:36 AM	-0.8	0.0	---	1.4	-0.2
11/9/2020 1:42 AM	-0.8	0.0	---	1.3	-0.2
11/9/2020 1:48 AM	-0.8	0.0	---	1.3	-0.2
11/9/2020 1:54 AM	-0.8	0.0	---	1.3	-0.2
11/9/2020 2:00 AM	-0.8	0.0	---	1.2	-0.2
11/9/2020 2:06 AM	-0.8	0.1	---	1.2	-0.2
11/9/2020 2:12 AM	-0.8	0.1	---	1.2	-0.2
11/9/2020 2:18 AM	-0.8	0.1	---	1.2	-0.2
11/9/2020 2:24 AM	-0.8	0.1	---	1.2	-0.2
11/9/2020 2:30 AM	-0.8	0.1	---	1.1	-0.2
11/9/2020 2:36 AM	-0.8	0.1	---	1.1	-0.2
11/9/2020 2:42 AM	-0.8	0.1	---	1.1	-0.2
11/9/2020 2:48 AM	-0.8	0.1	---	1.1	-0.2
11/9/2020 2:54 AM	-0.8	0.1	---	1.2	-0.2
11/9/2020 3:00 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:06 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:12 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:18 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:24 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:30 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:36 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 3:42 AM	-0.8	0.2	---	1.0	-0.2
11/9/2020 3:48 AM	-0.8	0.2	---	1.0	-0.2
11/9/2020 3:54 AM	-0.8	0.2	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/9/2020 4:00 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 4:06 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 4:12 AM	-0.8	0.2	---	1.1	-0.2
11/9/2020 4:18 AM	-0.8	0.2	---	1.2	-0.2
11/9/2020 4:24 AM	-0.8	0.2	---	1.2	-0.2
11/9/2020 4:30 AM	-0.8	0.2	---	1.7	-0.2
11/9/2020 4:36 AM	-0.8	0.2	---	1.9	-0.2
11/9/2020 4:42 AM	-0.8	0.3	---	1.8	-0.2
11/9/2020 4:48 AM	-0.8	0.3	---	1.6	-0.2
11/9/2020 4:54 AM	-0.8	0.3	---	1.2	-0.2
11/9/2020 5:00 AM	-0.8	0.3	---	0.7	-0.2
11/9/2020 5:06 AM	-0.8	0.3	---	0.7	-0.2
11/9/2020 5:12 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:18 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:24 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:30 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:36 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:42 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 5:48 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 5:54 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:00 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 6:06 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 6:12 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 6:18 AM	-0.8	0.3	---	0.8	-0.2
11/9/2020 6:24 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:30 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:36 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:42 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:48 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 6:54 AM	-0.8	0.3	---	0.9	-0.2
11/9/2020 7:00 AM	-0.8	0.4	---	0.9	-0.2
11/9/2020 7:06 AM	-0.8	0.4	---	0.9	-0.2
11/9/2020 7:12 AM	-0.8	0.4	---	1.0	-0.2
11/9/2020 7:18 AM	-0.8	0.4	---	0.9	-0.2
11/9/2020 7:24 AM	-0.8	0.4	---	0.9	-0.2
11/9/2020 7:30 AM	-0.8	0.4	---	0.8	-0.2
11/9/2020 7:36 AM	-0.8	0.5	---	0.8	-0.2
11/9/2020 7:42 AM	-0.8	0.4	---	0.8	-0.2
11/9/2020 7:48 AM	-0.8	0.3	---	4.1	-0.2
11/9/2020 7:54 AM	-0.8	0.2	---	7.7	-0.2
11/9/2020 8:00 AM	-0.8	8.3	---	6.8	-0.1
11/9/2020 8:06 AM	-0.8	9.8	---	5.6	-0.1
11/9/2020 8:12 AM	-0.8	2.5	---	5.2	-0.1
11/9/2020 8:18 AM	-0.8	1.4	---	5.3	-0.1
11/9/2020 8:24 AM	-0.8	1.2	---	5.7	-0.1
11/9/2020 8:30 AM	-0.8	0.9	---	5.2	-0.1
11/9/2020 8:36 AM	-0.8	0.6	---	5.5	-0.1
11/9/2020 8:42 AM	-0.7	0.4	---	5.5	-0.1
11/9/2020 8:48 AM	-0.7	0.3	---	6.9	-0.1
11/9/2020 8:54 AM	-0.7	0.3	---	7.9	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/9/2020 9:00 AM	-0.7	0.3	---	8.0	-0.1
11/9/2020 9:06 AM	-0.7	0.3	---	8.5	-0.1
11/9/2020 9:12 AM	-0.7	0.3	---	8.5	-0.1
11/9/2020 9:18 AM	-0.7	0.3	---	8.4	-0.1
11/9/2020 9:24 AM	-0.7	0.3	---	8.7	-0.1
11/9/2020 9:30 AM	-0.7	0.3	---	8.9	-0.1
11/9/2020 9:36 AM	-0.7	0.3	---	9.2	-0.1
11/9/2020 9:42 AM	-0.7	0.3	---	9.3	-0.1
11/9/2020 9:48 AM	-0.7	0.3	---	9.5	-0.1
11/9/2020 9:54 AM	-0.7	0.4	---	9.2	-0.1
11/9/2020 10:00 AM	-0.7	0.4	---	8.7	-0.1
11/9/2020 10:06 AM	-0.7	10.8	---	6.0	-0.1
11/9/2020 10:12 AM	-0.7	16.2	---	1.9	-0.1
11/9/2020 10:18 AM	-0.6	7.9	---	1.0	-0.1
11/9/2020 10:24 AM	-0.6	5.1	---	1.1	-0.1
11/9/2020 10:30 AM	-0.6	3.5	---	1.1	-0.1
11/9/2020 10:36 AM	-0.6	3.3	---	1.1	-0.1
11/9/2020 10:42 AM	-0.6	3.3	---	1.1	-0.1
11/9/2020 10:48 AM	-0.6	3.2	---	1.1	-0.1
11/9/2020 10:54 AM	-0.6	2.8	---	1.1	-0.1
11/9/2020 11:00 AM	-0.5	2.2	---	1.1	-0.1
11/9/2020 11:06 AM	-0.5	1.6	---	1.2	-0.1
11/9/2020 11:12 AM	-0.5	1.3	---	1.2	-0.1
11/9/2020 11:18 AM	-0.5	1.2	---	1.2	-0.1
11/9/2020 11:24 AM	-0.5	1.0	---	1.2	-0.1
11/9/2020 11:30 AM	-0.4	0.9	---	1.2	-0.1
11/9/2020 11:36 AM	-0.4	0.8	---	1.2	-0.1
11/9/2020 11:42 AM	-0.4	0.7	---	1.2	-0.1
11/9/2020 11:48 AM	-0.4	0.6	---	1.2	-0.1
11/9/2020 11:54 AM	-0.4	0.5	---	1.3	-0.1
11/9/2020 12:00 PM	-0.4	0.5	---	1.3	-0.1
11/9/2020 12:06 PM	-0.4	0.4	---	1.4	-0.1
11/9/2020 12:12 PM	-0.4	0.4	---	1.4	-0.1
11/9/2020 12:18 PM	-0.4	0.5	---	1.3	-0.1
11/9/2020 12:24 PM	-0.4	0.6	---	1.4	-0.1
11/9/2020 12:30 PM	-0.4	0.5	---	1.4	-0.1
11/9/2020 12:36 PM	-0.4	0.5	---	1.4	-0.1
11/9/2020 12:42 PM	3.5	0.5	---	1.4	-0.1
11/9/2020 12:48 PM	6.0	0.2	---	1.5	-0.1
11/9/2020 12:54 PM	3.8	-0.4	---	1.6	-0.1
11/9/2020 1:00 PM	3.5	-0.7	---	1.6	-0.1
11/9/2020 1:06 PM	2.9	-0.7	---	1.6	-0.1
11/9/2020 1:12 PM	2.5	-0.8	---	1.6	-0.1
11/9/2020 1:18 PM	2.4	-0.8	---	1.7	-0.1
11/9/2020 1:24 PM	1.7	-0.8	---	1.7	-0.1
11/9/2020 1:30 PM	1.2	-0.8	---	1.6	-0.1
11/9/2020 1:36 PM	1.0	-0.8	---	1.5	-0.1
11/9/2020 1:42 PM	0.9	-0.7	---	1.5	-0.1
11/9/2020 1:48 PM	0.9	-0.8	---	1.0	-0.1
11/9/2020 1:54 PM	0.8	-0.8	---	0.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/9/2020 2:00 PM	0.8	-0.8	---	0.4	-0.1
11/9/2020 2:06 PM	0.7	-0.8	---	0.4	-0.1
11/9/2020 2:12 PM	0.7	-0.8	---	0.5	-0.1
11/9/2020 2:18 PM	0.6	-0.8	---	0.5	-0.1
11/9/2020 2:24 PM	0.6	-0.7	---	0.5	-0.1
11/9/2020 2:30 PM	0.5	-0.7	---	0.5	-0.1
11/9/2020 2:36 PM	0.5	-0.7	---	0.5	-0.1
11/9/2020 2:42 PM	0.5	-0.7	---	0.6	-0.1
11/9/2020 2:48 PM	0.5	-0.7	---	0.6	-0.1
11/9/2020 2:54 PM	0.7	-0.7	---	0.6	-0.1
11/9/2020 3:00 PM	0.9	-0.7	---	0.6	-0.1
11/9/2020 3:06 PM	1.0	-0.7	---	0.7	-0.1
11/9/2020 3:12 PM	1.1	-0.7	---	0.7	-0.1
11/9/2020 3:18 PM	1.1	-0.7	---	0.6	-0.1
11/9/2020 3:24 PM	1.1	-0.7	---	0.6	-0.1
11/9/2020 3:30 PM	1.0	-0.7	---	0.6	-0.1
11/9/2020 3:36 PM	1.0	-0.7	---	0.6	-0.1
11/9/2020 3:42 PM	1.0	-0.7	---	0.6	-0.1
11/9/2020 3:48 PM	0.9	-0.7	---	0.6	-0.1
11/9/2020 3:54 PM	0.8	-0.7	---	0.6	-0.1
11/9/2020 4:00 PM	0.7	-0.7	---	0.7	-0.1
11/9/2020 4:06 PM	0.6	-0.7	---	0.6	-0.1
11/9/2020 4:12 PM	0.5	-0.7	---	0.6	-0.1
11/9/2020 4:18 PM	0.5	-0.8	---	0.6	-0.1
11/9/2020 4:24 PM	0.4	-0.8	---	0.6	-0.1
11/9/2020 4:30 PM	0.3	-0.7	---	0.6	-0.1
11/9/2020 4:36 PM	0.3	-0.7	---	0.7	-0.1
11/9/2020 4:42 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 4:48 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 4:54 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 5:00 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 5:06 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 5:12 PM	0.2	-0.8	---	0.6	-0.1
11/9/2020 5:18 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 5:24 PM	0.2	-0.7	---	0.7	-0.1
11/9/2020 5:30 PM	0.2	-0.7	---	0.7	-0.1
11/9/2020 5:36 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 5:42 PM	0.2	-0.8	---	0.7	-0.1
11/9/2020 5:48 PM	0.2	-0.7	---	0.7	-0.1
11/9/2020 5:54 PM	0.2	-0.7	---	0.7	-0.1
11/9/2020 6:00 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 6:06 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 6:12 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 6:18 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 6:24 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 6:30 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 6:36 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 6:42 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 6:48 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 6:54 PM	0.2	-0.7	---	0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/9/2020 7:00 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 7:06 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 7:12 PM	0.2	-0.7	---	0.7	-0.1
11/9/2020 7:18 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 7:24 PM	0.2	-0.7	---	0.6	-0.1
11/9/2020 7:30 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 7:36 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 7:42 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 7:48 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 7:54 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 8:00 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:06 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:12 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:18 PM	0.1	-0.6	---	0.7	-0.1
11/9/2020 8:24 PM	0.1	-0.6	---	0.6	-0.1
11/9/2020 8:30 PM	0.1	-0.7	---	0.6	-0.1
11/9/2020 8:36 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:42 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:48 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 8:54 PM	0.1	-0.6	---	0.7	-0.2
11/9/2020 9:00 PM	0.1	-0.7	---	0.7	-0.2
11/9/2020 9:06 PM	0.1	-0.7	---	0.7	-0.2
11/9/2020 9:12 PM	0.1	-0.7	---	0.7	-0.2
11/9/2020 9:18 PM	0.1	-0.6	---	0.7	-0.2
11/9/2020 9:24 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 9:30 PM	0.1	-0.7	---	0.7	0.1
11/9/2020 9:36 PM	0.1	-0.6	---	0.7	0.4
11/9/2020 9:42 PM	0.1	-0.6	---	0.6	0.1
11/9/2020 9:48 PM	0.1	-0.6	---	0.6	-0.1
11/9/2020 9:54 PM	0.1	-0.6	---	0.7	-0.1
11/9/2020 10:00 PM	0.1	-0.7	---	0.7	-0.1
11/9/2020 10:06 PM	0.1	-0.6	---	0.6	-0.1
11/9/2020 10:12 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:18 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:24 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:30 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:36 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:42 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:48 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 10:54 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:00 PM	0.1	-0.7	---	0.6	-0.2
11/9/2020 11:06 PM	0.1	-0.7	---	0.6	-0.2
11/9/2020 11:12 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:18 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:24 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:30 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:36 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:42 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:48 PM	0.1	-0.6	---	0.6	-0.2
11/9/2020 11:54 PM	0.1	-0.6	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/10/2020 12:00 AM	0.1	-0.6	---	0.5	-0.2
11/10/2020 12:06 AM	0.0	-0.6	---	0.6	-0.2
11/10/2020 12:12 AM	0.0	-0.6	---	0.6	-0.2
11/10/2020 12:18 AM	0.0	-0.6	---	0.6	-0.2
11/10/2020 12:24 AM	0.0	-0.6	---	0.5	-0.2
11/10/2020 12:30 AM	0.0	-0.6	---	0.5	-0.1
11/10/2020 12:36 AM	0.0	-0.6	---	0.5	-0.1
11/10/2020 12:42 AM	0.0	-0.6	---	0.5	-0.1
11/10/2020 12:48 AM	0.1	-0.6	---	0.5	-0.1
11/10/2020 12:54 AM	0.2	-0.6	---	0.1	-0.1
11/10/2020 1:00 AM	0.1	-0.5	---	-0.6	-0.1
11/10/2020 1:06 AM	0.1	-0.6	---	-0.8	-0.1
11/10/2020 1:12 AM	0.0	-0.6	---	-0.8	-0.1
11/10/2020 1:18 AM	0.1	-0.5	---	-0.8	-0.1
11/10/2020 1:24 AM	0.2	-0.5	---	-0.8	-0.1
11/10/2020 1:30 AM	0.3	-0.5	---	-0.8	-0.1
11/10/2020 1:36 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 1:42 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 1:48 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 1:54 AM	0.5	-0.4	---	-0.8	-0.1
11/10/2020 2:00 AM	0.5	-0.5	---	-0.8	-0.1
11/10/2020 2:06 AM	0.5	-0.5	---	-0.8	-0.1
11/10/2020 2:12 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 2:18 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 2:24 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 2:30 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 2:36 AM	0.4	-0.5	---	-0.8	-0.1
11/10/2020 2:42 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 2:48 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 2:54 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:00 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:06 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:12 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:18 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:24 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:30 AM	0.3	-0.4	---	-0.8	-0.1
11/10/2020 3:36 AM	0.2	-0.3	---	-0.8	-0.1
11/10/2020 3:42 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 3:48 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 3:54 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 4:00 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 4:06 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 4:12 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 4:18 AM	0.2	-0.4	---	-0.7	-0.1
11/10/2020 4:24 AM	0.2	-0.3	---	-0.7	-0.1
11/10/2020 4:30 AM	0.2	-0.3	---	-0.8	0.0
11/10/2020 4:36 AM	0.2	-0.3	---	-0.7	0.0
11/10/2020 4:42 AM	0.1	-0.3	---	-0.7	-0.1
11/10/2020 4:48 AM	0.1	-0.3	---	-0.7	0.0
11/10/2020 4:54 AM	0.1	-0.3	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/10/2020 5:00 AM	0.1	-0.3	---	-0.7	-0.1
11/10/2020 5:06 AM	0.1	-0.3	---	-0.7	0.0
11/10/2020 5:12 AM	0.1	-0.3	---	-0.7	-0.1
11/10/2020 5:18 AM	0.1	-0.3	---	-0.8	0.0
11/10/2020 5:24 AM	0.2	-0.3	---	-0.7	0.0
11/10/2020 5:30 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 5:36 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 5:42 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 5:48 AM	0.1	-0.2	---	-0.7	0.0
11/10/2020 5:54 AM	0.0	-0.2	---	-0.7	0.0
11/10/2020 6:00 AM	0.1	-0.2	---	-0.7	0.0
11/10/2020 6:06 AM	0.1	-0.2	---	-0.7	0.0
11/10/2020 6:12 AM	0.1	-0.2	---	-0.7	0.0
11/10/2020 6:18 AM	0.1	-0.2	---	-0.7	0.0
11/10/2020 6:24 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 6:30 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 6:36 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 6:42 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 6:48 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 6:54 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:00 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:06 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:12 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:18 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:24 AM	0.2	-0.2	---	-0.7	0.0
11/10/2020 7:30 AM	0.2	-0.1	---	-0.7	0.0
11/10/2020 7:36 AM	0.2	-0.1	---	-0.7	-0.1
11/10/2020 7:42 AM	0.2	-0.1	---	-0.7	0.0
11/10/2020 7:48 AM	0.2	-0.2	---	-0.7	-0.1
11/10/2020 7:54 AM	0.2	-0.2	---	-0.7	9.4
11/10/2020 8:00 AM	0.2	-0.2	---	-0.7	13.6
11/10/2020 8:06 AM	0.2	-0.3	---	-0.7	4.5
11/10/2020 8:12 AM	0.2	-0.3	---	-0.7	1.6
11/10/2020 8:18 AM	0.2	-0.3	---	-0.8	0.7
11/10/2020 8:24 AM	0.2	-0.3	---	-0.7	0.3
11/10/2020 8:30 AM	0.2	-0.3	---	-0.8	0.2
11/10/2020 8:36 AM	0.2	-0.2	---	-0.8	0.1
11/10/2020 8:42 AM	0.2	-0.2	---	-0.8	0.0
11/10/2020 8:48 AM	0.2	-0.2	---	-0.8	0.0
11/10/2020 8:54 AM	0.2	-0.2	---	-0.8	4.3
11/10/2020 9:00 AM	0.3	-0.1	---	-0.8	17.2
11/10/2020 9:06 AM	0.3	-0.1	---	-0.8	18.4
11/10/2020 9:12 AM	0.3	0.0	---	-0.8	9.4
11/10/2020 9:18 AM	0.3	-0.1	---	-0.8	7.2
11/10/2020 9:24 AM	0.3	0.0	---	-0.8	6.6
11/10/2020 9:30 AM	0.3	0.0	---	-0.8	6.7
11/10/2020 9:36 AM	0.3	0.0	---	-0.8	6.4
11/10/2020 9:42 AM	0.3	0.0	---	-0.8	5.6
11/10/2020 9:48 AM	0.3	0.0	---	-0.8	4.6
11/10/2020 9:54 AM	0.3	0.0	---	-0.8	4.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/10/2020 10:00 AM	0.3	0.0	---	-0.8	3.7
11/10/2020 10:06 AM	0.3	0.1	---	-0.8	3.5
11/10/2020 10:12 AM	0.3	0.1	---	-0.8	3.3
11/10/2020 10:18 AM	0.3	7.1	---	-0.8	3.0
11/10/2020 10:24 AM	-0.2	13.6	---	-0.8	2.8
11/10/2020 10:30 AM	-0.6	7.8	---	-0.8	2.8
11/10/2020 10:36 AM	-0.6	5.3	---	-0.8	2.7
11/10/2020 10:42 AM	-0.7	4.1	---	-0.8	2.7
11/10/2020 10:48 AM	-0.7	2.8	---	-0.8	2.6
11/10/2020 10:54 AM	-0.7	2.2	---	-0.8	2.6
11/10/2020 11:00 AM	-0.7	2.1	---	-0.8	2.6
11/10/2020 11:06 AM	-0.6	2.2	---	-0.8	2.6
11/10/2020 11:12 AM	-0.6	2.2	---	-0.8	2.6
11/10/2020 11:18 AM	-0.7	1.9	---	-0.8	2.6
11/10/2020 11:24 AM	-0.6	1.6	---	-0.8	2.5
11/10/2020 11:30 AM	-0.6	1.3	---	-0.8	2.5
11/10/2020 11:36 AM	-0.6	1.0	---	-0.8	2.5
11/10/2020 11:42 AM	-0.6	0.8	---	-0.8	2.5
11/10/2020 11:48 AM	-0.6	0.7	---	-0.8	2.6
11/10/2020 11:54 AM	-0.6	0.6	---	-0.8	2.6
11/10/2020 12:00 PM	-0.5	0.6	---	-0.8	2.5
11/10/2020 12:06 PM	-0.4	0.4	---	-0.9	2.5
11/10/2020 12:12 PM	-0.4	0.4	---	-0.9	2.4
11/10/2020 12:18 PM	-0.4	0.5	---	-0.9	2.4
11/10/2020 12:24 PM	-0.4	0.5	---	-0.9	2.4
11/10/2020 12:30 PM	-0.4	0.5	---	-0.9	2.5
11/10/2020 12:36 PM	-0.4	0.5	---	-0.9	2.5
11/10/2020 12:42 PM	-0.4	0.5	---	-0.9	2.4
11/10/2020 12:48 PM	-0.3	0.5	---	-0.9	2.5
11/10/2020 12:54 PM	-0.4	0.4	---	-0.9	2.4
11/10/2020 1:00 PM	-0.4	0.4	---	-0.9	2.5
11/10/2020 1:06 PM	-0.4	0.3	---	-0.9	2.5
11/10/2020 1:12 PM	-0.4	0.3	---	-0.9	2.6
11/10/2020 1:18 PM	-0.3	0.3	---	-0.9	2.7
11/10/2020 1:24 PM	-0.3	0.3	---	-0.9	2.6
11/10/2020 1:30 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 1:36 PM	-0.3	0.3	---	-0.9	2.7
11/10/2020 1:42 PM	-0.3	0.3	---	-0.9	2.6
11/10/2020 1:48 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 1:54 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 2:00 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 2:06 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 2:12 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 2:18 PM	-0.3	0.2	---	-0.9	2.8
11/10/2020 2:24 PM	-0.3	0.3	---	-0.9	2.7
11/10/2020 2:30 PM	-0.3	0.3	---	-0.9	2.5
11/10/2020 2:36 PM	-0.3	0.2	---	-0.9	2.5
11/10/2020 2:42 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 2:48 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 2:54 PM	-0.3	0.2	---	-0.9	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Start of Report:

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/10/2020 3:00 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 3:06 PM	-0.3	0.2	---	-0.9	2.6
11/10/2020 3:12 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 3:18 PM	-0.3	0.2	---	-0.9	2.7
11/10/2020 3:24 PM	-0.3	0.2	---	-0.8	2.7
11/10/2020 3:30 PM	-0.3	0.2	---	-0.8	2.7
11/10/2020 3:36 PM	-0.3	0.2	---	-0.8	2.6
11/10/2020 3:42 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 3:48 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 3:54 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 4:00 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 4:06 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 4:12 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 4:18 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 4:24 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 4:30 PM	-0.4	0.2	---	-0.8	2.5
11/10/2020 4:36 PM	-0.4	0.2	---	-0.8	2.5
11/10/2020 4:42 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 4:48 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 4:54 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:00 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:06 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:12 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:18 PM	-0.3	0.2	---	-0.8	2.5
11/10/2020 5:24 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:30 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:36 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:42 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:48 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 5:54 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:00 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:06 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:12 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:18 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:24 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:30 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 6:36 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:42 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 6:48 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 6:54 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 7:00 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 7:06 PM	-0.3	0.2	---	-0.8	2.4
11/10/2020 7:12 PM	-0.3	0.3	---	-0.8	2.4
11/10/2020 7:18 PM	-0.4	0.3	---	-0.8	2.4
11/10/2020 7:24 PM	-0.4	0.3	---	-0.8	2.4
11/10/2020 7:30 PM	-0.3	0.3	---	-0.8	2.4
11/10/2020 7:36 PM	-0.4	0.3	---	-0.8	2.5
11/10/2020 7:42 PM	-0.4	0.3	---	-0.8	2.4
11/10/2020 7:48 PM	-0.4	0.3	---	-0.8	2.3
11/10/2020 7:54 PM	-0.4	0.3	---	-0.8	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/10/2020 8:00 PM	-0.4	0.3	---	-0.8	2.3
11/10/2020 8:06 PM	-0.4	0.3	---	-0.8	2.3
11/10/2020 8:12 PM	-0.4	0.3	---	-0.8	2.3
11/10/2020 8:18 PM	-0.4	0.2	---	-0.8	2.3
11/10/2020 8:24 PM	-0.4	0.2	---	-0.7	2.3
11/10/2020 8:30 PM	-0.4	0.2	---	-0.7	2.4
11/10/2020 8:36 PM	-0.4	0.2	---	-0.8	2.4
11/10/2020 8:42 PM	-0.4	0.2	---	-0.8	2.3
11/10/2020 8:48 PM	-0.4	0.3	---	-0.8	2.3
11/10/2020 8:54 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:00 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:06 PM	-0.4	0.2	---	-0.7	2.3
11/10/2020 9:12 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:18 PM	-0.4	0.3	---	-0.7	2.2
11/10/2020 9:24 PM	-0.4	0.2	---	-0.7	2.2
11/10/2020 9:30 PM	-0.4	0.2	---	-0.7	2.3
11/10/2020 9:36 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:42 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:48 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 9:54 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:00 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:06 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:12 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:18 PM	-0.4	0.3	---	-0.7	2.4
11/10/2020 10:24 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:30 PM	-0.5	0.3	---	-0.7	2.3
11/10/2020 10:36 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:42 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:48 PM	-0.4	0.3	---	-0.7	2.3
11/10/2020 10:54 PM	-0.5	0.3	---	-0.7	2.3
11/10/2020 11:00 PM	-0.5	0.3	---	-0.7	2.3
11/10/2020 11:06 PM	-0.5	0.3	---	-0.7	2.3
11/10/2020 11:12 PM	-0.5	0.5	---	-0.7	1.2
11/10/2020 11:18 PM	-0.5	0.6	---	-0.7	0.0
11/10/2020 11:24 PM	-0.5	0.5	---	-0.7	-0.1
11/10/2020 11:30 PM	-0.5	0.5	---	-0.7	-0.1
11/10/2020 11:36 PM	-0.5	0.4	---	-0.7	-0.1
11/10/2020 11:42 PM	-0.4	0.5	---	-0.7	-0.1
11/10/2020 11:48 PM	-0.5	0.5	---	-0.7	-0.1
11/10/2020 11:54 PM	-0.5	0.4	---	-0.7	-0.1
11/11/2020 12:00 AM	-0.5	0.7	---	-0.7	-0.1
11/11/2020 12:06 AM	-0.5	0.8	---	-0.7	-0.1
11/11/2020 12:12 AM	-0.5	0.7	---	-0.7	-0.1
11/11/2020 12:18 AM	-0.5	0.8	---	-0.7	-0.1
11/11/2020 12:24 AM	-0.5	1.0	---	-0.7	-0.1
11/11/2020 12:30 AM	-0.4	0.9	---	-0.7	-0.1
11/11/2020 12:36 AM	-0.4	0.9	---	-0.7	-0.1
11/11/2020 12:42 AM	-0.4	0.9	---	-0.7	-0.1
11/11/2020 12:48 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 12:54 AM	-0.4	0.8	---	-0.7	-0.1

Opacity Data Summary Report

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North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/11/2020 1:00 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:06 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:12 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:18 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:24 AM	-0.5	0.9	---	-0.7	-0.1
11/11/2020 1:30 AM	-0.4	0.9	---	-0.7	-0.1
11/11/2020 1:36 AM	-0.4	0.9	---	-0.7	-0.1
11/11/2020 1:42 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:48 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 1:54 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 2:00 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 2:06 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 2:12 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 2:18 AM	-0.4	0.8	---	-0.7	-0.1
11/11/2020 2:24 AM	-0.5	0.7	---	-0.7	-0.1
11/11/2020 2:30 AM	-0.5	0.7	---	-0.7	-0.1
11/11/2020 2:36 AM	-0.4	0.7	---	-0.7	-0.1
11/11/2020 2:42 AM	-0.4	0.7	---	-0.7	-0.1
11/11/2020 2:48 AM	-0.4	0.7	---	-0.7	-0.1
11/11/2020 2:54 AM	-0.4	0.7	---	-0.7	-0.1
11/11/2020 3:00 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 3:06 AM	-0.4	0.3	---	-0.7	-0.1
11/11/2020 3:12 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 3:18 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 3:24 AM	-0.4	0.3	---	-0.7	-0.1
11/11/2020 3:30 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 3:36 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 3:42 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 3:48 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 3:54 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:00 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:06 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:12 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:18 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 4:24 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:30 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:36 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:42 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 4:48 AM	-0.4	0.4	---	-0.7	-0.1
11/11/2020 4:54 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:00 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:06 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:12 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:18 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:24 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:30 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:36 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:42 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:48 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 5:54 AM	-0.4	0.5	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

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Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/11/2020 6:00 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 6:06 AM	-0.4	0.5	---	-0.7	-0.1
11/11/2020 6:12 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:18 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:24 AM	-0.4	0.6	---	-0.7	-0.1
11/11/2020 6:30 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:36 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:42 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:48 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 6:54 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 7:00 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:06 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:12 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:18 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:24 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:30 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:36 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 7:42 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 7:48 AM	-0.3	0.6	---	-0.7	-0.1
11/11/2020 7:54 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 8:00 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 8:06 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 8:12 AM	-0.3	0.6	---	-0.7	0.0
11/11/2020 8:18 AM	-0.3	0.8	---	-0.7	0.0
11/11/2020 8:24 AM	-0.3	1.1	---	-0.7	3.8
11/11/2020 8:30 AM	-0.3	1.1	---	-0.7	5.1
11/11/2020 8:36 AM	-0.3	1.0	---	-0.7	0.9
11/11/2020 8:42 AM	-0.3	0.9	---	-0.7	0.1
11/11/2020 8:48 AM	-0.3	0.9	---	-0.7	0.0
11/11/2020 8:54 AM	-0.3	1.3	---	-0.7	0.0
11/11/2020 9:00 AM	-0.3	2.3	---	-0.7	0.0
11/11/2020 9:06 AM	-0.3	2.5	---	-0.7	0.0
11/11/2020 9:12 AM	-0.3	2.4	---	-0.7	0.0
11/11/2020 9:18 AM	-0.3	2.4	---	-0.7	0.0
11/11/2020 9:24 AM	-0.3	2.3	---	-0.7	0.0
11/11/2020 9:30 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 9:36 AM	-0.3	2.0	---	-0.7	0.0
11/11/2020 9:42 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 9:48 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 9:54 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:00 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:06 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:12 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:18 AM	-0.3	2.0	---	-0.7	0.0
11/11/2020 10:24 AM	-0.3	2.0	---	-0.7	0.0
11/11/2020 10:30 AM	-0.3	2.0	---	-0.7	0.0
11/11/2020 10:36 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:42 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:48 AM	-0.3	2.1	---	-0.7	0.0
11/11/2020 10:54 AM	-0.3	2.1	---	10.3	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/11/2020 11:00 AM	-0.3	1.7	---	17.5	0.0
11/11/2020 11:06 AM	-0.3	0.9	---	10.7	0.0
11/11/2020 11:12 AM	-0.3	0.7	---	6.8	0.0
11/11/2020 11:18 AM	-0.3	0.8	---	5.5	0.0
11/11/2020 11:24 AM	-0.3	0.7	---	5.4	0.0
11/11/2020 11:30 AM	-0.3	0.6	---	3.8	0.0
11/11/2020 11:36 AM	-0.3	0.6	---	2.9	0.0
11/11/2020 11:42 AM	-0.3	0.7	---	2.5	0.0
11/11/2020 11:48 AM	-0.3	0.7	---	2.4	0.0
11/11/2020 11:54 AM	-0.2	0.8	---	2.4	0.0
11/11/2020 12:00 PM	-0.4	0.7	---	2.4	0.0
11/11/2020 12:06 PM	-1.5	0.5	---	2.2	-0.2
11/11/2020 12:12 PM	-1.5	0.5	---	2.3	-0.2
11/11/2020 12:18 PM	-1.5	0.5	---	2.4	-0.2
11/11/2020 12:24 PM	-1.5	0.5	---	2.4	-0.2
11/11/2020 12:30 PM	-1.5	0.5	---	2.2	-0.2
11/11/2020 12:36 PM	-1.4	0.5	---	1.6	-0.2
11/11/2020 12:42 PM	-1.4	0.5	---	1.0	-0.2
11/11/2020 12:48 PM	-1.4	0.5	---	0.9	-0.2
11/11/2020 12:54 PM	-1.4	0.5	---	0.8	-0.2
11/11/2020 1:00 PM	-1.4	0.6	---	0.9	-0.1
11/11/2020 1:06 PM	-1.4	0.6	---	0.9	-0.2
11/11/2020 1:12 PM	2.0	0.6	---	0.9	-0.2
11/11/2020 1:18 PM	2.6	0.7	---	0.8	-0.2
11/11/2020 1:24 PM	-0.2	0.7	---	0.8	-0.2
11/11/2020 1:30 PM	-0.1	0.6	---	0.7	-0.2
11/11/2020 1:36 PM	-0.1	0.6	---	0.7	-0.2
11/11/2020 1:42 PM	-0.3	0.6	---	0.7	-0.2
11/11/2020 1:48 PM	-0.5	0.6	---	0.7	-0.2
11/11/2020 1:54 PM	-0.7	0.5	---	0.7	-0.2
11/11/2020 2:00 PM	-0.9	0.5	---	0.7	-0.2
11/11/2020 2:06 PM	-1.0	0.6	---	0.7	-0.2
11/11/2020 2:12 PM	-1.1	0.5	---	0.8	-0.2
11/11/2020 2:18 PM	-1.2	0.4	---	0.8	-0.2
11/11/2020 2:24 PM	-1.3	0.4	---	0.8	-0.2
11/11/2020 2:30 PM	-1.3	0.4	---	0.8	-0.2
11/11/2020 2:36 PM	-1.4	0.4	---	0.8	-0.2
11/11/2020 2:42 PM	-1.4	0.3	---	0.8	-0.2
11/11/2020 2:48 PM	-1.4	0.4	---	0.7	-0.2
11/11/2020 2:54 PM	-1.4	0.4	---	0.7	-0.2
11/11/2020 3:00 PM	-1.4	0.4	---	0.7	-0.1
11/11/2020 3:06 PM	-1.4	0.4	---	0.8	-0.1
11/11/2020 3:12 PM	-1.4	0.4	---	0.8	-0.1
11/11/2020 3:18 PM	-1.5	0.4	---	0.7	-0.1
11/11/2020 3:24 PM	-1.5	0.4	---	0.7	-0.1
11/11/2020 3:30 PM	-1.5	0.4	---	0.7	-0.1
11/11/2020 3:36 PM	-1.5	0.4	---	0.7	-0.1
11/11/2020 3:42 PM	-1.4	0.4	---	0.7	-0.1
11/11/2020 3:48 PM	-1.4	0.4	---	0.7	-0.1
11/11/2020 3:54 PM	-1.4	0.5	---	1.0	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/11/2020 4:00 PM	-1.4	0.6	---	2.2	-0.1
11/11/2020 4:06 PM	-1.4	0.6	---	2.6	-0.1
11/11/2020 4:12 PM	-1.4	0.6	---	2.3	-0.1
11/11/2020 4:18 PM	-1.4	0.6	---	2.2	-0.1
11/11/2020 4:24 PM	-1.3	0.7	---	1.9	0.0
11/11/2020 4:30 PM	-1.3	0.6	---	2.0	0.0
11/11/2020 4:36 PM	-1.3	0.6	---	2.0	0.0
11/11/2020 4:42 PM	-1.3	0.5	---	2.0	0.0
11/11/2020 4:48 PM	-1.4	0.7	---	1.9	0.0
11/11/2020 4:54 PM	-1.4	0.8	---	2.9	0.0
11/11/2020 5:00 PM	-1.4	0.7	---	4.0	-0.1
11/11/2020 5:06 PM	-1.4	0.7	---	3.7	-0.1
11/11/2020 5:12 PM	-1.4	0.7	---	3.4	-0.1
11/11/2020 5:18 PM	-1.4	0.9	---	3.9	-0.1
11/11/2020 5:24 PM	-1.4	1.2	---	4.7	-0.1
11/11/2020 5:30 PM	-1.4	1.1	---	4.6	-0.1
11/11/2020 5:36 PM	-1.4	1.0	---	4.3	0.0
11/11/2020 5:42 PM	-1.4	0.9	---	4.3	0.0
11/11/2020 5:48 PM	-1.4	0.8	---	4.2	0.0
11/11/2020 5:54 PM	-1.4	0.8	---	4.2	0.0
11/11/2020 6:00 PM	-1.4	0.8	---	4.4	0.0
11/11/2020 6:06 PM	-1.4	0.8	---	4.8	0.0
11/11/2020 6:12 PM	-1.4	0.9	---	4.7	0.0
11/11/2020 6:18 PM	-1.4	0.9	---	4.4	0.0
11/11/2020 6:24 PM	-1.3	1.0	---	8.4	0.0
11/11/2020 6:30 PM	-1.4	0.9	---	14.0	0.0
11/11/2020 6:36 PM	-1.4	0.9	---	13.2	0.0
11/11/2020 6:42 PM	-1.4	0.8	---	11.7	0.0
11/11/2020 6:48 PM	-1.4	0.8	---	9.9	0.0
11/11/2020 6:54 PM	-1.4	1.0	---	9.0	0.0
11/11/2020 7:00 PM	-1.4	1.9	---	8.8	0.0
11/11/2020 7:06 PM	-1.4	2.4	---	8.4	0.0
11/11/2020 7:12 PM	-1.4	2.3	---	8.1	0.0
11/11/2020 7:18 PM	-1.3	2.2	---	8.0	0.0
11/11/2020 7:24 PM	2.8	2.2	---	7.7	0.1
11/11/2020 7:30 PM	4.7	2.3	---	7.2	0.1
11/11/2020 7:36 PM	1.6	2.4	---	8.7	0.1
11/11/2020 7:42 PM	2.8	2.5	---	10.2	0.1
11/11/2020 7:48 PM	2.6	2.5	---	9.5	0.1
11/11/2020 7:54 PM	1.3	2.6	---	9.7	0.1
11/11/2020 8:00 PM	1.0	2.5	---	9.3	8.9
11/11/2020 8:06 PM	0.1	2.2	---	29.1	18.8
11/11/2020 8:12 PM	-1.0	2.2	---	78.1	11.2
11/11/2020 8:18 PM	-1.2	2.2	---	62.1	11.2
11/11/2020 8:24 PM	-1.2	2.1	---	10.9	13.7
11/11/2020 8:30 PM	-1.2	2.1	---	7.7	10.7
11/11/2020 8:36 PM	-1.1	2.1	---	8.2	9.4
11/11/2020 8:42 PM	-1.1	2.2	---	9.1	8.7
11/11/2020 8:48 PM	-1.1	2.3	---	9.5	8.7
11/11/2020 8:54 PM	-1.2	2.4	---	10.0	9.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/11/2020 9:00 PM	-1.2	2.3	---	10.2	9.7
11/11/2020 9:06 PM	-1.2	2.1	---	25.9	9.5
11/11/2020 9:12 PM	-1.3	1.9	---	49.2	9.9
11/11/2020 9:18 PM	-1.3	1.9	---	45.5	9.8
11/11/2020 9:24 PM	-1.3	2.0	---	14.9	8.8
11/11/2020 9:30 PM	-1.3	2.1	---	5.0	8.5
11/11/2020 9:36 PM	-1.3	2.2	---	4.8	8.2
11/11/2020 9:42 PM	-1.3	2.3	---	5.4	8.0
11/11/2020 9:48 PM	-1.3	2.3	---	5.4	7.8
11/11/2020 9:54 PM	-1.4	2.1	---	5.7	7.8
11/11/2020 10:00 PM	-1.4	2.2	---	6.1	7.8
11/11/2020 10:06 PM	-1.3	2.2	---	6.3	7.5
11/11/2020 10:12 PM	-1.3	2.2	---	6.1	7.4
11/11/2020 10:18 PM	-1.3	2.2	---	5.8	7.3
11/11/2020 10:24 PM	-1.3	2.1	---	5.5	7.2
11/11/2020 10:30 PM	-1.3	2.1	---	5.1	7.4
11/11/2020 10:36 PM	-1.3	2.2	---	4.7	7.2
11/11/2020 10:42 PM	-1.3	2.3	---	4.7	6.9
11/11/2020 10:48 PM	-1.3	2.1	---	4.6	6.9
11/11/2020 10:54 PM	-1.3	2.0	---	4.6	7.2
11/11/2020 11:00 PM	-1.3	1.9	---	5.1	7.2
11/11/2020 11:06 PM	-1.3	1.9	---	5.6	7.0
11/11/2020 11:12 PM	-1.3	1.9	---	5.7	7.0
11/11/2020 11:18 PM	-1.4	1.9	---	5.8	7.1
11/11/2020 11:24 PM	-1.3	1.8	---	5.9	6.9
11/11/2020 11:30 PM	-1.3	1.8	---	5.7	6.8
11/11/2020 11:36 PM	-1.3	1.8	---	5.4	6.6
11/11/2020 11:42 PM	-1.3	1.8	---	5.1	6.3
11/11/2020 11:48 PM	-1.3	1.7	---	4.4	6.3
11/11/2020 11:54 PM	-1.3	1.7	---	4.2	6.3
11/12/2020 12:00 AM	-1.3	1.6	---	5.0	6.4
11/12/2020 12:06 AM	-1.3	1.6	---	4.5	6.4
11/12/2020 12:12 AM	-1.3	1.7	---	3.4	5.6
11/12/2020 12:18 AM	-1.3	1.8	---	0.6	3.6
11/12/2020 12:24 AM	-1.3	1.9	---	-1.1	1.2
11/12/2020 12:30 AM	-1.3	1.9	---	-1.1	-0.1
11/12/2020 12:36 AM	-1.3	1.8	---	-1.1	-0.2
11/12/2020 12:42 AM	-1.3	1.7	---	-1.2	-0.2
11/12/2020 12:48 AM	-1.3	1.7	---	-1.2	-0.1
11/12/2020 12:54 AM	-1.3	1.7	---	-1.2	-0.1
11/12/2020 1:00 AM	-1.3	1.6	---	-1.2	-0.1
11/12/2020 1:06 AM	-1.3	0.9	---	-1.2	-0.1
11/12/2020 1:12 AM	-1.3	0.3	---	-1.2	-0.2
11/12/2020 1:18 AM	-1.3	0.3	---	-1.2	-0.2
11/12/2020 1:24 AM	-1.3	0.4	---	-1.2	-0.2
11/12/2020 1:30 AM	-1.3	0.4	---	-1.2	-0.2
11/12/2020 1:36 AM	-1.3	0.3	---	-1.2	-0.2
11/12/2020 1:42 AM	-1.3	0.3	---	-1.2	-0.2
11/12/2020 1:48 AM	-1.3	0.4	---	-1.2	-0.1
11/12/2020 1:54 AM	-1.3	0.5	---	-1.2	-0.1

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

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Start of Report:

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0:00

End of Report:

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/12/2020 2:00 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 2:06 AM	-1.3	0.6	---	-1.2	-0.2
11/12/2020 2:12 AM	-1.3	0.6	---	-1.2	-0.2
11/12/2020 2:18 AM	-1.3	0.7	---	-1.2	-0.2
11/12/2020 2:24 AM	-1.3	0.7	---	-1.2	-0.2
11/12/2020 2:30 AM	-1.3	0.6	---	-1.2	-0.2
11/12/2020 2:36 AM	-1.3	0.6	---	-1.2	-0.2
11/12/2020 2:42 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 2:48 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 2:54 AM	-1.3	0.6	---	-1.1	-0.1
11/12/2020 3:00 AM	-1.3	0.5	---	-1.1	-0.1
11/12/2020 3:06 AM	-1.3	0.5	---	-1.2	-0.1
11/12/2020 3:12 AM	-1.3	0.6	---	-1.1	-0.1
11/12/2020 3:18 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 3:24 AM	-1.3	0.5	---	-1.2	-0.1
11/12/2020 3:30 AM	-1.3	0.5	---	-1.2	-0.1
11/12/2020 3:36 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 3:42 AM	-1.3	0.6	---	-1.2	-0.1
11/12/2020 3:48 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 3:54 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 4:00 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 4:06 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 4:12 AM	-1.4	0.5	---	-1.2	-0.2
11/12/2020 4:18 AM	-1.4	0.5	---	-1.2	-0.2
11/12/2020 4:24 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 4:30 AM	-1.4	0.6	---	-1.2	-0.2
11/12/2020 4:36 AM	-1.3	0.6	---	-1.2	-0.2
11/12/2020 4:42 AM	-1.3	0.7	---	-1.2	-0.2
11/12/2020 4:48 AM	-1.3	0.8	---	-1.2	-0.2
11/12/2020 4:54 AM	-1.3	1.1	---	-1.2	-0.2
11/12/2020 5:00 AM	-1.3	1.6	---	-1.2	-0.2
11/12/2020 5:06 AM	-1.3	1.6	---	-1.2	-0.2
11/12/2020 5:12 AM	-1.3	1.5	---	-1.2	-0.1
11/12/2020 5:18 AM	-1.3	1.5	---	-1.2	-0.1
11/12/2020 5:24 AM	-1.3	1.4	---	-1.2	-0.2
11/12/2020 5:30 AM	-1.4	1.3	---	-1.2	-0.2
11/12/2020 5:36 AM	-1.4	1.3	---	-1.2	-0.2
11/12/2020 5:42 AM	-1.4	1.4	---	-1.2	-0.2
11/12/2020 5:48 AM	-1.4	1.4	---	-1.1	1.5
11/12/2020 5:54 AM	-1.4	1.2	---	-1.1	5.9
11/12/2020 6:00 AM	-1.4	0.8	---	-1.1	7.4
11/12/2020 6:06 AM	-1.3	0.8	---	-1.1	5.5
11/12/2020 6:12 AM	-1.3	0.8	---	-1.1	4.2
11/12/2020 6:18 AM	-1.3	0.8	---	-1.1	3.7
11/12/2020 6:24 AM	-1.3	0.8	---	-1.1	3.3
11/12/2020 6:30 AM	-1.3	0.7	---	-1.1	3.1
11/12/2020 6:36 AM	-1.3	0.7	---	-1.1	3.0
11/12/2020 6:42 AM	-1.3	0.6	---	-1.1	2.9
11/12/2020 6:48 AM	-1.4	0.6	---	-1.1	2.8
11/12/2020 6:54 AM	-1.4	0.6	---	-1.1	2.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/12/2020 7:00 AM	-1.4	0.7	---	-1.1	2.6
11/12/2020 7:06 AM	-1.3	0.7	---	-1.0	2.6
11/12/2020 7:12 AM	-1.3	0.7	---	-1.0	2.6
11/12/2020 7:18 AM	-1.4	0.7	---	-1.0	2.5
11/12/2020 7:24 AM	-1.4	0.7	---	-1.0	2.5
11/12/2020 7:30 AM	-1.4	0.6	---	-1.0	2.7
11/12/2020 7:36 AM	-1.5	0.6	---	-1.0	2.8
11/12/2020 7:42 AM	-1.5	0.6	---	-1.0	2.7
11/12/2020 7:48 AM	-1.5	0.6	---	-1.0	2.6
11/12/2020 7:54 AM	-1.5	0.6	---	-1.0	2.5
11/12/2020 8:00 AM	-1.5	0.6	---	-1.0	2.4
11/12/2020 8:06 AM	-1.5	0.8	---	-1.0	2.5
11/12/2020 8:12 AM	-1.6	0.9	---	-1.0	2.6
11/12/2020 8:18 AM	-1.6	0.9	---	-1.0	2.6
11/12/2020 8:24 AM	-1.6	0.9	---	-1.0	2.5
11/12/2020 8:30 AM	-1.6	0.9	---	-1.0	2.6
11/12/2020 8:36 AM	-1.7	0.8	---	-1.0	2.5
11/12/2020 8:42 AM	-1.6	0.8	---	-1.0	2.7
11/12/2020 8:48 AM	-1.6	0.7	---	-1.0	2.8
11/12/2020 8:54 AM	-1.6	0.7	---	-1.0	2.7
11/12/2020 9:00 AM	-1.6	0.7	---	-1.0	2.6
11/12/2020 9:06 AM	-1.7	0.9	---	-1.0	3.0
11/12/2020 9:12 AM	-1.7	1.2	---	-1.0	3.5
11/12/2020 9:18 AM	-1.7	1.2	---	-1.0	3.6
11/12/2020 9:24 AM	-1.7	1.1	---	-1.0	3.6
11/12/2020 9:30 AM	-1.6	1.1	---	-1.0	3.6
11/12/2020 9:36 AM	-1.6	1.1	---	-1.0	3.7
11/12/2020 9:42 AM	-1.6	1.2	---	-1.0	3.7
11/12/2020 9:48 AM	-1.6	1.2	---	-1.0	3.8
11/12/2020 9:54 AM	-1.7	1.2	---	-1.0	3.7
11/12/2020 10:00 AM	-1.7	1.1	---	-1.1	3.6
11/12/2020 10:06 AM	-1.7	1.1	---	-1.1	3.5
11/12/2020 10:12 AM	-1.7	1.1	---	-1.1	3.4
11/12/2020 10:18 AM	-1.7	1.4	---	13.4	3.5
11/12/2020 10:24 AM	-1.7	0.5	---	58.1	3.6
11/12/2020 10:30 AM	-1.8	1.5	---	70.1	3.5
11/12/2020 10:36 AM	-1.7	2.7	---	23.1	3.5
11/12/2020 10:42 AM	-1.7	0.9	---	1.7	3.4
11/12/2020 10:48 AM	-1.7	0.5	---	-0.4	2.8
11/12/2020 10:54 AM	-1.8	0.4	---	-1.0	2.3
11/12/2020 11:00 AM	-1.8	0.3	---	-1.1	2.3
11/12/2020 11:06 AM	-1.7	0.4	---	-1.1	2.3
11/12/2020 11:12 AM	-1.7	0.4	---	-1.2	2.2
11/12/2020 11:18 AM	-1.8	0.3	---	-1.2	2.1
11/12/2020 11:24 AM	-1.8	0.3	---	-1.2	1.9
11/12/2020 11:30 AM	-1.8	0.2	---	-1.2	2.0
11/12/2020 11:36 AM	-1.8	0.2	---	-1.2	2.0
11/12/2020 11:42 AM	-1.8	0.3	---	-1.1	2.0
11/12/2020 11:48 AM	-1.8	0.3	---	-1.1	1.9
11/12/2020 11:54 AM	-1.8	0.3	---	-1.1	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Report Name:

4th Quarter 2020

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/12/2020 12:00 PM	-1.5	0.3	---	-1.1	2.0
11/12/2020 12:06 PM	-0.7	0.5	---	-0.9	2.0
11/12/2020 12:12 PM	-0.7	0.5	---	-0.9	2.0
11/12/2020 12:18 PM	-0.6	0.6	---	-0.9	2.0
11/12/2020 12:24 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 12:30 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 12:36 PM	-0.6	0.5	---	-0.9	2.1
11/12/2020 12:42 PM	-0.6	0.5	---	-0.9	2.1
11/12/2020 12:48 PM	-0.6	0.6	---	-0.9	2.1
11/12/2020 12:54 PM	-0.6	0.6	---	-0.9	2.1
11/12/2020 1:00 PM	-0.6	0.6	---	-0.9	2.1
11/12/2020 1:06 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 1:12 PM	-0.7	0.5	---	-0.9	2.1
11/12/2020 1:18 PM	-0.7	0.5	---	-0.9	2.1
11/12/2020 1:24 PM	-0.7	0.5	---	-0.9	2.1
11/12/2020 1:30 PM	-0.7	0.5	---	-0.9	2.1
11/12/2020 1:36 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 1:42 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 1:48 PM	-0.7	0.6	---	-0.9	2.1
11/12/2020 1:54 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:00 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:06 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:12 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:18 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:24 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:30 PM	<Samp	<Samp	---	<Samp	<Samp
11/12/2020 2:36 PM	Maintain	Maintain	---	Maintain	Maintain
11/12/2020 2:42 PM	-0.7	0.6	---	-0.8	2.1
11/12/2020 2:48 PM	-0.7	0.5	---	-0.8	2.1
11/12/2020 2:54 PM	-0.7	0.5	---	-0.8	2.1
11/12/2020 3:00 PM	-0.7	0.4	---	-0.8	2.0
11/12/2020 3:06 PM	-0.7	0.4	---	-0.8	2.0
11/12/2020 3:12 PM	-0.8	0.4	---	-0.7	2.0
11/12/2020 3:18 PM	-0.8	0.5	---	-0.7	2.0
11/12/2020 3:24 PM	-0.8	0.5	---	-0.7	2.0
11/12/2020 3:30 PM	-0.7	0.5	---	-0.7	2.1
11/12/2020 3:36 PM	-0.7	0.5	---	-0.7	2.1
11/12/2020 3:42 PM	-0.8	0.5	---	-0.7	2.1
11/12/2020 3:48 PM	-0.8	0.5	---	-0.7	2.1
11/12/2020 3:54 PM	-0.8	0.5	---	-0.7	2.2
11/12/2020 4:00 PM	-0.8	0.5	---	-0.7	2.2
11/12/2020 4:06 PM	-0.8	0.6	---	-0.7	2.2
11/12/2020 4:12 PM	-0.8	0.6	---	-0.7	2.2
11/12/2020 4:18 PM	-0.7	0.6	---	-0.7	2.1
11/12/2020 4:24 PM	-0.7	0.6	---	-0.7	2.1
11/12/2020 4:30 PM	-0.7	0.6	---	-0.7	2.1
11/12/2020 4:36 PM	-0.7	0.6	---	-0.7	2.2
11/12/2020 4:42 PM	-0.7	0.6	---	-0.7	2.2
11/12/2020 4:48 PM	-0.7	0.5	---	-0.6	2.2
11/12/2020 4:54 PM	-0.7	0.5	---	-0.6	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/12/2020 5:00 PM	-0.7	0.5	---	-0.6	2.2
11/12/2020 5:06 PM	-0.7	0.7	---	-0.6	2.2
11/12/2020 5:12 PM	-0.7	0.8	---	-0.6	2.2
11/12/2020 5:18 PM	-0.7	0.8	---	-0.6	2.2
11/12/2020 5:24 PM	-0.8	1.1	---	-0.7	2.2
11/12/2020 5:30 PM	-0.8	1.1	---	-0.7	2.3
11/12/2020 5:36 PM	-0.8	1.0	---	-0.7	2.3
11/12/2020 5:42 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 5:48 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 5:54 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:00 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:06 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:12 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:18 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:24 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 6:30 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 6:36 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:42 PM	-0.8	0.8	---	-0.7	2.3
11/12/2020 6:48 PM	-0.8	0.9	---	-0.7	2.3
11/12/2020 6:54 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 7:00 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 7:06 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 7:12 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 7:18 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 7:24 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 7:30 PM	-0.8	0.9	---	-0.7	2.2
11/12/2020 7:36 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 7:42 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 7:48 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 7:54 PM	-0.8	0.8	---	-0.7	2.4
11/12/2020 8:00 PM	-0.8	0.8	---	-0.7	2.4
11/12/2020 8:06 PM	-0.8	0.8	---	-0.7	2.2
11/12/2020 8:12 PM	-0.8	0.8	---	-0.7	2.0
11/12/2020 8:18 PM	-0.8	0.7	---	-0.7	1.9
11/12/2020 8:24 PM	-0.8	0.5	---	-0.7	2.0
11/12/2020 8:30 PM	-0.8	0.4	---	-0.7	2.0
11/12/2020 8:36 PM	-0.8	0.4	---	-0.7	2.0
11/12/2020 8:42 PM	-0.8	0.3	---	-0.7	2.0
11/12/2020 8:48 PM	-0.8	0.3	---	-0.7	2.0
11/12/2020 8:54 PM	-0.8	0.3	---	-0.7	2.1
11/12/2020 9:00 PM	-0.8	0.2	---	-0.7	2.1
11/12/2020 9:06 PM	-0.8	0.1	---	-0.7	2.1
11/12/2020 9:12 PM	-0.8	0.1	---	-0.7	2.1
11/12/2020 9:18 PM	-0.7	0.1	---	-0.7	2.2
11/12/2020 9:24 PM	-0.8	0.1	---	-0.7	2.2
11/12/2020 9:30 PM	-0.8	0.2	---	-0.7	2.2
11/12/2020 9:36 PM	-0.8	0.2	---	-0.7	2.2
11/12/2020 9:42 PM	-0.8	0.1	---	-0.7	2.3
11/12/2020 9:48 PM	-0.8	0.2	---	-0.7	2.4
11/12/2020 9:54 PM	-0.8	0.1	---	-0.7	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/12/2020 10:00 PM	-0.8	0.1	---	-0.7	2.4
11/12/2020 10:06 PM	-0.8	0.1	---	-0.7	2.3
11/12/2020 10:12 PM	-0.8	0.1	---	-0.7	2.3
11/12/2020 10:18 PM	-0.8	0.1	---	-0.7	2.4
11/12/2020 10:24 PM	-0.8	0.1	---	-0.7	2.4
11/12/2020 10:30 PM	-0.8	0.2	---	-0.7	2.4
11/12/2020 10:36 PM	-0.8	0.1	---	-0.7	2.3
11/12/2020 10:42 PM	-0.8	0.1	---	-0.7	2.1
11/12/2020 10:48 PM	-0.8	0.2	---	-0.7	2.0
11/12/2020 10:54 PM	-0.8	0.2	---	-0.7	2.0
11/12/2020 11:00 PM	-0.8	0.2	---	-0.7	2.0
11/12/2020 11:06 PM	-0.8	0.2	---	-0.7	1.9
11/12/2020 11:12 PM	-0.8	0.2	---	-0.7	1.8
11/12/2020 11:18 PM	-0.8	0.2	---	-0.7	1.9
11/12/2020 11:24 PM	-0.8	0.2	---	-0.7	1.9
11/12/2020 11:30 PM	-0.8	0.2	---	-0.7	1.9
11/12/2020 11:36 PM	-0.8	0.2	---	-0.7	1.9
11/12/2020 11:42 PM	-0.8	0.1	---	-0.7	1.9
11/12/2020 11:48 PM	-0.7	0.1	---	-0.7	1.9
11/12/2020 11:54 PM	-0.8	0.1	---	-0.7	1.8
11/13/2020 12:00 AM	-0.8	0.2	---	-0.7	1.8
11/13/2020 12:06 AM	-0.8	0.2	---	-0.7	1.8
11/13/2020 12:12 AM	-0.8	0.2	---	-0.7	1.8
11/13/2020 12:18 AM	-0.8	0.2	---	-0.7	1.8
11/13/2020 12:24 AM	-0.7	0.2	---	-0.7	1.9
11/13/2020 12:30 AM	-0.7	0.2	---	-0.7	1.9
11/13/2020 12:36 AM	-0.8	0.3	---	-0.7	1.9
11/13/2020 12:42 AM	-0.8	0.3	---	-0.7	1.9
11/13/2020 12:48 AM	-0.8	0.2	---	-0.7	1.9
11/13/2020 12:54 AM	-0.8	0.2	---	-0.7	2.0
11/13/2020 1:00 AM	-0.8	0.2	---	-0.7	1.9
11/13/2020 1:06 AM	-0.7	0.2	---	-0.7	1.9
11/13/2020 1:12 AM	-0.8	0.1	---	-0.7	2.0
11/13/2020 1:18 AM	-0.7	-0.1	---	-0.7	2.5
11/13/2020 1:24 AM	-0.8	-0.2	---	-0.7	2.6
11/13/2020 1:30 AM	-0.8	-0.2	---	-0.7	2.4
11/13/2020 1:36 AM	-0.8	-0.5	---	-0.7	2.4
11/13/2020 1:42 AM	-0.8	-0.6	---	-0.7	2.4
11/13/2020 1:48 AM	-0.8	-0.6	---	-0.7	2.5
11/13/2020 1:54 AM	-0.8	-0.6	---	-0.7	2.4
11/13/2020 2:00 AM	-0.8	-0.7	---	-0.7	2.4
11/13/2020 2:06 AM	-0.7	-0.7	---	-0.7	2.4
11/13/2020 2:12 AM	-0.8	-0.7	---	-0.7	2.4
11/13/2020 2:18 AM	-0.8	-0.7	---	-0.7	2.4
11/13/2020 2:24 AM	-0.8	-0.7	---	-0.7	2.5
11/13/2020 2:30 AM	-0.8	-0.7	---	-0.7	2.5
11/13/2020 2:36 AM	-0.8	-0.7	---	-0.7	2.4
11/13/2020 2:42 AM	-0.8	-0.7	---	-0.7	2.3
11/13/2020 2:48 AM	-0.8	-0.7	---	-0.7	2.3
11/13/2020 2:54 AM	-0.7	-0.7	---	-0.7	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/13/2020 3:00 AM	-0.7	-0.7	---	-0.7	2.3
11/13/2020 3:06 AM	-0.7	-0.7	---	-0.6	2.3
11/13/2020 3:12 AM	-0.7	-0.7	---	-0.6	2.3
11/13/2020 3:18 AM	-0.7	-0.7	---	-0.6	2.4
11/13/2020 3:24 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 3:30 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 3:36 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 3:42 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 3:48 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 3:54 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:00 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:06 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:12 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:18 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:24 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:30 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:36 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 4:42 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 4:48 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 4:54 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:00 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 5:06 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:12 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:18 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:24 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:30 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:36 AM	-0.7	-0.6	---	-0.6	2.4
11/13/2020 5:42 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 5:48 AM	-0.7	-0.6	---	-0.6	2.6
11/13/2020 5:54 AM	-0.7	-0.6	---	-0.6	2.6
11/13/2020 6:00 AM	-0.7	-0.6	---	-0.6	2.6
11/13/2020 6:06 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 6:12 AM	-0.7	-0.6	---	-0.6	2.6
11/13/2020 6:18 AM	-0.7	-0.6	---	-0.6	2.6
11/13/2020 6:24 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 6:30 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 6:36 AM	-0.7	-0.6	---	-0.6	2.5
11/13/2020 6:42 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 6:48 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 6:54 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:00 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:06 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:12 AM	-0.7	-0.5	---	-0.6	2.6
11/13/2020 7:18 AM	-0.7	-0.5	---	-0.6	2.6
11/13/2020 7:24 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:30 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:36 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:42 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 7:48 AM	-0.7	-0.5	---	-0.6	2.6
11/13/2020 7:54 AM	-0.7	-0.5	---	-0.6	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/13/2020 8:00 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 8:06 AM	-0.7	-0.5	---	-0.6	2.5
11/13/2020 8:12 AM	-0.7	5.7	---	-0.6	2.5
11/13/2020 8:18 AM	5.2	6.4	---	-0.6	2.5
11/13/2020 8:24 AM	5.3	4.1	---	-0.6	2.4
11/13/2020 8:30 AM	1.4	3.4	---	-0.6	2.2
11/13/2020 8:36 AM	1.3	2.6	---	-0.6	2.3
11/13/2020 8:42 AM	0.8	2.0	---	-0.6	2.3
11/13/2020 8:48 AM	0.2	1.8	---	-0.6	2.4
11/13/2020 8:54 AM	-0.1	2.0	---	-0.6	2.5
11/13/2020 9:00 AM	-0.2	2.0	---	-0.6	2.5
11/13/2020 9:06 AM	-0.4	1.6	---	-0.6	2.5
11/13/2020 9:12 AM	-0.5	1.6	---	-0.6	2.5
11/13/2020 9:18 AM	-0.5	2.2	---	-0.6	2.8
11/13/2020 9:24 AM	-0.5	2.3	---	-0.6	2.8
11/13/2020 9:30 AM	-0.6	2.7	---	-0.6	2.8
11/13/2020 9:36 AM	-0.6	3.1	---	-0.6	2.8
11/13/2020 9:42 AM	-0.6	2.7	---	-0.6	2.7
11/13/2020 9:48 AM	-0.6	2.7	---	-0.6	2.7
11/13/2020 9:54 AM	-0.6	2.5	---	-0.6	2.8
11/13/2020 10:00 AM	-0.6	2.2	---	-0.6	2.7
11/13/2020 10:06 AM	-0.6	2.0	---	-0.6	2.8
11/13/2020 10:12 AM	-0.6	1.9	---	-0.6	2.9
11/13/2020 10:18 AM	-0.6	1.9	---	-0.6	3.8
11/13/2020 10:24 AM	-0.6	1.8	---	-0.6	5.0
11/13/2020 10:30 AM	-0.6	1.7	---	-0.6	4.9
11/13/2020 10:36 AM	-0.6	1.7	---	-0.6	4.6
11/13/2020 10:42 AM	-0.6	1.7	---	-0.6	4.5
11/13/2020 10:48 AM	-0.6	1.7	---	-0.6	4.3
11/13/2020 10:54 AM	-0.6	1.7	---	-0.6	4.2
11/13/2020 11:00 AM	-0.6	1.0	---	-0.6	3.2
11/13/2020 11:06 AM	-0.6	0.4	---	-0.6	2.0
11/13/2020 11:12 AM	-0.6	0.5	---	-0.6	2.0
11/13/2020 11:18 AM	-0.6	0.5	---	-0.6	2.1
11/13/2020 11:24 AM	-0.6	0.5	---	-0.6	2.2
11/13/2020 11:30 AM	-0.6	0.6	---	-0.6	2.2
11/13/2020 11:36 AM	-0.6	0.6	---	-0.6	2.2
11/13/2020 11:42 AM	-0.6	0.7	---	-0.6	2.3
11/13/2020 11:48 AM	-0.6	0.7	---	-0.6	2.3
11/13/2020 11:54 AM	-0.6	0.7	---	-0.6	2.2
11/13/2020 12:00 PM	-1.0	0.6	---	-0.7	2.4
11/13/2020 12:06 PM	-1.8	0.4	---	-0.8	2.9
11/13/2020 12:12 PM	-1.8	0.4	---	-0.8	2.9
11/13/2020 12:18 PM	-1.8	0.4	---	-0.8	2.8
11/13/2020 12:24 PM	-1.8	0.4	---	-0.8	2.9
11/13/2020 12:30 PM	-1.8	0.4	---	-0.8	2.9
11/13/2020 12:36 PM	-1.8	0.4	---	-0.7	2.9
11/13/2020 12:42 PM	-1.8	0.7	---	-0.7	2.9
11/13/2020 12:48 PM	-1.8	1.0	---	-0.7	3.1
11/13/2020 12:54 PM	-1.7	1.0	---	-0.7	3.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/13/2020 1:00 PM	-1.7	1.0	---	-0.7	3.0
11/13/2020 1:06 PM	-1.7	0.9	---	-0.7	3.1
11/13/2020 1:12 PM	-1.7	0.9	---	-0.7	3.1
11/13/2020 1:18 PM	-1.8	0.8	---	-0.7	2.9
11/13/2020 1:24 PM	-1.8	0.8	---	-0.7	2.9
11/13/2020 1:30 PM	-1.8	0.7	---	-0.7	3.0
11/13/2020 1:36 PM	-1.8	0.6	---	-0.7	3.0
11/13/2020 1:42 PM	-1.8	0.6	---	-0.7	3.0
11/13/2020 1:48 PM	-1.8	0.7	---	-0.7	2.9
11/13/2020 1:54 PM	-1.7	0.7	---	-0.7	2.9
11/13/2020 2:00 PM	-1.7	0.7	---	-0.7	2.9
11/13/2020 2:06 PM	-1.7	0.5	---	-0.7	2.6
11/13/2020 2:12 PM	-1.7	0.3	---	-0.7	2.3
11/13/2020 2:18 PM	-1.7	0.3	---	-0.7	2.3
11/13/2020 2:24 PM	-1.8	0.3	---	-0.7	2.2
11/13/2020 2:30 PM	-1.8	0.3	---	-0.7	2.2
11/13/2020 2:36 PM	-1.8	0.3	---	-0.7	2.3
11/13/2020 2:42 PM	-1.8	0.2	---	-0.7	2.3
11/13/2020 2:48 PM	-1.8	0.2	---	-0.8	2.3
11/13/2020 2:54 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 3:00 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 3:06 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 3:12 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 3:18 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 3:24 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 3:30 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 3:36 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 3:42 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 3:48 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 3:54 PM	-1.8	0.4	---	-0.8	2.1
11/13/2020 4:00 PM	-1.7	0.4	---	-0.8	2.1
11/13/2020 4:06 PM	-1.7	0.4	---	-0.8	2.1
11/13/2020 4:12 PM	-1.7	0.4	---	-0.8	2.1
11/13/2020 4:18 PM	-1.7	0.3	---	-0.8	2.1
11/13/2020 4:24 PM	-1.7	0.3	---	-0.8	2.2
11/13/2020 4:30 PM	-1.7	0.3	---	-0.8	2.2
11/13/2020 4:36 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 4:42 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 4:48 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 4:54 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 5:00 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 5:06 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 5:12 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 5:18 PM	-1.8	0.3	---	-0.7	2.1
11/13/2020 5:24 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 5:30 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 5:36 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 5:42 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 5:48 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 5:54 PM	-1.8	0.2	---	-0.8	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/13/2020 6:00 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:06 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:12 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:18 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:24 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:30 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:36 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:42 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 6:48 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 6:54 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 7:00 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 7:06 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 7:12 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 7:18 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 7:24 PM	-1.8	0.2	---	-0.8	2.1
11/13/2020 7:30 PM	-1.8	0.3	---	-0.8	2.1
11/13/2020 7:36 PM	-1.8	0.3	---	-0.8	2.1
11/13/2020 7:42 PM	-1.8	0.4	---	-0.8	2.1
11/13/2020 7:48 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 7:54 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 8:00 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 8:06 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 8:12 PM	-1.8	0.4	---	-0.8	2.2
11/13/2020 8:18 PM	-1.8	0.4	---	-0.8	2.2
11/13/2020 8:24 PM	-1.8	0.3	---	-0.8	2.3
11/13/2020 8:30 PM	-1.8	0.3	---	-0.8	2.3
11/13/2020 8:36 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 8:42 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 8:48 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 8:54 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:00 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:06 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 9:12 PM	-1.8	0.3	---	-0.8	2.2
11/13/2020 9:18 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:24 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:30 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:36 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:42 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:48 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 9:54 PM	-1.8	0.2	---	-0.8	2.2
11/13/2020 10:00 PM	-1.8	0.2	---	-0.7	2.2
11/13/2020 10:06 PM	-1.8	0.2	---	-0.7	2.2
11/13/2020 10:12 PM	-1.8	0.2	---	-0.7	2.1
11/13/2020 10:18 PM	-1.8	0.1	---	-0.7	2.0
11/13/2020 10:24 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 10:30 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 10:36 PM	-1.9	0.1	---	-0.7	2.2
11/13/2020 10:42 PM	-1.9	0.1	---	-0.7	2.2
11/13/2020 10:48 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 10:54 PM	-1.9	0.1	---	-0.7	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/13/2020 11:00 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:06 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:12 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:18 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:24 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:30 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:36 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:42 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:48 PM	-1.9	0.1	---	-0.7	2.1
11/13/2020 11:54 PM	-1.9	0.1	---	-0.7	2.1
11/14/2020 12:00 AM	-1.9	0.1	---	-0.7	2.1
11/14/2020 12:06 AM	-1.9	0.2	---	-0.7	2.1
11/14/2020 12:12 AM	-1.9	0.1	---	-0.7	2.1
11/14/2020 12:18 AM	-1.9	0.1	---	-0.7	2.1
11/14/2020 12:24 AM	-1.9	0.1	---	-0.7	2.1
11/14/2020 12:30 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 12:36 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 12:42 AM	-1.9	0.0	---	-0.7	2.2
11/14/2020 12:48 AM	-1.9	0.0	---	-0.7	2.2
11/14/2020 12:54 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 1:00 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 1:06 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 1:12 AM	-1.9	0.0	---	-0.7	2.2
11/14/2020 1:18 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 1:24 AM	-1.9	0.0	---	-0.7	2.1
11/14/2020 1:30 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 1:36 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 1:42 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 1:48 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 1:54 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 2:00 AM	-1.9	0.0	---	-0.7	2.0
11/14/2020 2:06 AM	-1.9	0.0	---	-0.7	1.9
11/14/2020 2:12 AM	-1.9	0.3	---	-0.7	0.8
11/14/2020 2:18 AM	-1.9	0.3	---	-0.7	-0.2
11/14/2020 2:24 AM	-1.9	0.2	---	-0.7	-0.3
11/14/2020 2:30 AM	-1.9	0.1	---	-0.7	-0.3
11/14/2020 2:36 AM	-1.9	0.1	---	-0.7	-0.2
11/14/2020 2:42 AM	-1.9	0.1	---	-0.7	-0.2
11/14/2020 2:48 AM	-1.9	0.1	---	-0.7	-0.2
11/14/2020 2:54 AM	-1.9	0.1	---	-0.7	-0.3
11/14/2020 3:00 AM	-1.9	0.1	---	-0.7	-0.3
11/14/2020 3:06 AM	-1.9	0.0	---	-0.7	-0.3
11/14/2020 3:12 AM	-1.9	0.0	---	-0.7	-0.3
11/14/2020 3:18 AM	-1.9	0.0	---	-0.7	-0.2
11/14/2020 3:24 AM	-1.9	0.0	---	-0.7	-0.3
11/14/2020 3:30 AM	-1.9	0.0	---	-0.7	-0.3
11/14/2020 3:36 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 3:42 AM	-2.0	-0.1	---	-0.7	-0.2
11/14/2020 3:48 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 3:54 AM	-2.0	0.0	---	-0.7	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/14/2020 4:00 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 4:06 AM	-2.0	0.1	---	-0.7	-0.3
11/14/2020 4:12 AM	-2.0	0.2	---	-0.7	-0.3
11/14/2020 4:18 AM	-2.0	0.1	---	-0.7	-0.3
11/14/2020 4:24 AM	-2.0	0.0	---	-0.7	-0.2
11/14/2020 4:30 AM	-2.0	-0.1	---	-0.7	-0.2
11/14/2020 4:36 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 4:42 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 4:48 AM	-2.0	-0.1	---	-0.7	-0.2
11/14/2020 4:54 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 5:00 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 5:06 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 5:12 AM	-1.9	-0.1	---	-0.7	-0.3
11/14/2020 5:18 AM	-1.9	-0.1	---	-0.7	-0.3
11/14/2020 5:24 AM	-1.9	-0.1	---	-0.7	-0.2
11/14/2020 5:30 AM	-1.9	-0.1	---	-0.7	-0.2
11/14/2020 5:36 AM	-1.9	-0.1	---	-0.7	-0.3
11/14/2020 5:42 AM	-1.9	0.0	---	-0.7	-0.2
11/14/2020 5:48 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 5:54 AM	-1.9	-0.1	---	-0.7	-0.3
11/14/2020 6:00 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:06 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:12 AM	-2.0	-0.1	---	-0.7	-0.2
11/14/2020 6:18 AM	-2.0	-0.1	---	-0.7	-0.2
11/14/2020 6:24 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:30 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:36 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:42 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:48 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 6:54 AM	-2.0	-0.2	---	-0.7	-0.3
11/14/2020 7:00 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 7:06 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 7:12 AM	-2.0	-0.2	---	-0.7	-0.3
11/14/2020 7:18 AM	-2.0	-0.2	---	-0.7	-0.3
11/14/2020 7:24 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 7:30 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 7:36 AM	-2.0	-0.2	---	-0.7	-0.3
11/14/2020 7:42 AM	-2.0	-0.1	---	-0.7	-0.3
11/14/2020 7:48 AM	-2.0	0.0	---	-0.7	-0.2
11/14/2020 7:54 AM	-2.0	0.0	---	-0.7	-0.2
11/14/2020 8:00 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 8:06 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 8:12 AM	-2.0	0.0	---	-0.7	-0.3
11/14/2020 8:18 AM	-2.0	0.0	---	-0.7	-0.2
11/14/2020 8:24 AM	-2.0	0.6	---	-0.7	-0.3
11/14/2020 8:30 AM	-2.0	1.0	---	-0.7	-0.2
11/14/2020 8:36 AM	-2.0	0.8	---	-0.7	-0.2
11/14/2020 8:42 AM	-2.0	0.6	---	-0.7	-0.2
11/14/2020 8:48 AM	-2.0	0.5	---	-0.7	-0.3
11/14/2020 8:54 AM	-2.0	0.4	---	-0.8	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/14/2020 9:00 AM	-2.0	0.3	---	-0.7	-0.3
11/14/2020 9:06 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 9:12 AM	-1.9	0.4	---	-0.7	-0.3
11/14/2020 9:18 AM	-1.9	0.4	---	-0.7	-0.3
11/14/2020 9:24 AM	-1.9	0.4	---	-0.7	-0.3
11/14/2020 9:30 AM	-1.9	0.4	---	-0.7	-0.3
11/14/2020 9:36 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 9:42 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 9:48 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 9:54 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 10:00 AM	-1.9	0.3	---	-0.7	-0.3
11/14/2020 10:06 AM	-1.9	0.3	---	-0.7	4.6
11/14/2020 10:12 AM	-1.9	0.2	---	-0.7	8.4
11/14/2020 10:18 AM	-1.9	0.1	---	-0.8	6.5
11/14/2020 10:24 AM	-1.9	0.1	---	-0.8	5.8
11/14/2020 10:30 AM	-1.9	0.1	---	-0.8	5.4
11/14/2020 10:36 AM	-1.9	0.1	---	-0.8	4.6
11/14/2020 10:42 AM	-1.9	0.1	---	-0.8	3.7
11/14/2020 10:48 AM	-1.9	0.1	---	-0.8	3.2
11/14/2020 10:54 AM	-1.9	0.1	---	-0.8	3.0
11/14/2020 11:00 AM	-1.9	0.1	---	-0.8	2.7
11/14/2020 11:06 AM	-1.8	0.2	---	-0.8	2.6
11/14/2020 11:12 AM	-1.8	0.2	---	-0.8	2.5
11/14/2020 11:18 AM	-1.8	0.2	---	-0.8	2.4
11/14/2020 11:24 AM	-1.8	0.2	---	-0.7	2.3
11/14/2020 11:30 AM	-1.8	0.2	---	-0.7	2.3
11/14/2020 11:36 AM	-1.8	0.2	---	-0.7	2.2
11/14/2020 11:42 AM	-1.8	0.3	---	-0.7	2.1
11/14/2020 11:48 AM	-1.8	0.3	---	-0.8	2.1
11/14/2020 11:54 AM	-1.7	0.2	---	-0.8	2.1
11/14/2020 12:00 PM	-1.2	0.2	---	-0.7	2.1
11/14/2020 12:06 PM	0.7	0.6	---	-0.4	2.3
11/14/2020 12:12 PM	0.7	0.6	---	-0.4	2.3
11/14/2020 12:18 PM	0.7	0.7	---	-0.5	2.3
11/14/2020 12:24 PM	0.7	0.8	---	-0.5	2.3
11/14/2020 12:30 PM	0.7	0.9	---	-0.5	2.3
11/14/2020 12:36 PM	0.7	0.9	---	-0.5	2.3
11/14/2020 12:42 PM	0.7	0.9	---	-0.5	2.3
11/14/2020 12:48 PM	0.7	0.9	---	-0.5	2.2
11/14/2020 12:54 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 1:00 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 1:06 PM	0.7	0.7	---	-0.5	2.2
11/14/2020 1:12 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 1:18 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 1:24 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 1:30 PM	0.7	0.7	---	-0.5	2.3
11/14/2020 1:36 PM	0.6	0.6	---	-0.5	2.4
11/14/2020 1:42 PM	0.6	0.6	---	-0.5	2.4
11/14/2020 1:48 PM	0.6	0.6	---	-0.5	2.3
11/14/2020 1:54 PM	0.6	0.6	---	-0.5	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/14/2020 2:00 PM	0.6	0.6	---	-0.5	2.2
11/14/2020 2:06 PM	0.6	0.5	---	-0.5	2.2
11/14/2020 2:12 PM	0.6	0.4	---	-0.5	2.2
11/14/2020 2:18 PM	0.6	0.4	---	-0.5	2.3
11/14/2020 2:24 PM	0.6	0.4	---	-0.5	2.3
11/14/2020 2:30 PM	0.6	0.4	---	-0.5	2.3
11/14/2020 2:36 PM	0.6	0.5	---	-0.5	2.3
11/14/2020 2:42 PM	0.6	0.6	---	-0.5	2.2
11/14/2020 2:48 PM	0.6	0.8	---	-0.5	2.2
11/14/2020 2:54 PM	0.6	0.8	---	-0.5	2.2
11/14/2020 3:00 PM	0.6	0.7	---	-0.5	2.2
11/14/2020 3:06 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 3:12 PM	0.7	0.8	---	-0.5	2.2
11/14/2020 3:18 PM	0.7	0.7	---	-0.5	2.1
11/14/2020 3:24 PM	0.7	0.7	---	-0.5	2.1
11/14/2020 3:30 PM	0.7	0.7	---	-0.5	2.2
11/14/2020 3:36 PM	0.7	0.7	---	-0.5	2.2
11/14/2020 3:42 PM	0.7	0.6	---	-0.5	2.2
11/14/2020 3:48 PM	0.7	0.6	---	-0.5	2.2
11/14/2020 3:54 PM	0.7	0.5	---	-0.5	2.2
11/14/2020 4:00 PM	0.7	0.5	---	-0.5	2.2
11/14/2020 4:06 PM	0.7	0.5	---	-0.5	2.2
11/14/2020 4:12 PM	0.6	0.4	---	-0.5	2.2
11/14/2020 4:18 PM	0.6	0.3	---	-0.5	2.2
11/14/2020 4:24 PM	0.6	0.3	---	-0.5	2.1
11/14/2020 4:30 PM	0.6	0.3	---	-0.5	2.1
11/14/2020 4:36 PM	0.6	0.3	---	-0.5	2.1
11/14/2020 4:42 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 4:48 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 4:54 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 5:00 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 5:06 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 5:12 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 5:18 PM	0.6	0.2	---	-0.5	2.3
11/14/2020 5:24 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 5:30 PM	0.6	0.3	---	-0.5	2.2
11/14/2020 5:36 PM	0.6	0.3	---	-0.5	2.2
11/14/2020 5:42 PM	0.6	0.3	---	-0.5	2.2
11/14/2020 5:48 PM	0.6	0.3	---	-0.5	2.2
11/14/2020 5:54 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 6:00 PM	0.6	0.2	---	-0.5	2.2
11/14/2020 6:06 PM	0.5	0.3	---	-0.4	2.2
11/14/2020 6:12 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 6:18 PM	0.5	0.3	---	-0.4	2.2
11/14/2020 6:24 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 6:30 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 6:36 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 6:42 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 6:48 PM	0.5	0.3	---	-0.5	2.3
11/14/2020 6:54 PM	0.5	0.4	---	-0.5	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/14/2020 7:00 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 7:06 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 7:12 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 7:18 PM	0.5	0.4	---	-0.5	2.1
11/14/2020 7:24 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 7:30 PM	0.5	0.2	---	-0.4	2.1
11/14/2020 7:36 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 7:42 PM	0.5	0.4	---	-0.4	2.1
11/14/2020 7:48 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 7:54 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 8:00 PM	0.5	0.4	---	-0.4	2.1
11/14/2020 8:06 PM	0.5	0.4	---	-0.5	2.1
11/14/2020 8:12 PM	0.5	0.4	---	-0.5	2.0
11/14/2020 8:18 PM	0.5	0.4	---	-0.5	2.1
11/14/2020 8:24 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 8:30 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 8:36 PM	0.5	0.3	---	-0.5	2.2
11/14/2020 8:42 PM	0.5	0.2	---	-0.5	2.2
11/14/2020 8:48 PM	0.5	0.2	---	-0.5	2.0
11/14/2020 8:54 PM	0.5	0.2	---	-0.5	2.0
11/14/2020 9:00 PM	0.5	0.3	---	-0.5	2.0
11/14/2020 9:06 PM	0.5	0.3	---	-0.5	2.0
11/14/2020 9:12 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 9:18 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 9:24 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 9:30 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 9:36 PM	0.5	0.3	---	-0.5	2.1
11/14/2020 9:42 PM	0.5	0.3	---	-0.4	2.1
11/14/2020 9:48 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 9:54 PM	0.5	0.4	---	-0.4	2.0
11/14/2020 10:00 PM	0.5	0.4	---	-0.4	2.0
11/14/2020 10:06 PM	0.5	0.4	---	-0.4	2.0
11/14/2020 10:12 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 10:18 PM	0.5	0.2	---	-0.4	2.0
11/14/2020 10:24 PM	0.5	0.2	---	-0.4	1.9
11/14/2020 10:30 PM	0.5	0.2	---	-0.4	2.0
11/14/2020 10:36 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 10:42 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 10:48 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 10:54 PM	0.5	0.3	---	-0.4	2.0
11/14/2020 11:00 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:06 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:12 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:18 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:24 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:30 PM	0.4	0.4	---	-0.4	1.9
11/14/2020 11:36 PM	0.4	0.4	---	-0.4	1.9
11/14/2020 11:42 PM	0.4	0.3	---	-0.4	1.9
11/14/2020 11:48 PM	0.4	0.3	---	-0.4	2.0
11/14/2020 11:54 PM	0.4	0.3	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 12:00 AM	0.4	0.3	---	-0.4	2.0
11/15/2020 12:06 AM	0.4	0.7	---	-0.4	1.3
11/15/2020 12:12 AM	0.4	0.9	---	-0.4	0.2
11/15/2020 12:18 AM	0.4	0.7	---	-0.4	-0.1
11/15/2020 12:24 AM	0.4	0.6	---	-0.4	-0.1
11/15/2020 12:30 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 12:36 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 12:42 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 12:48 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 12:54 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:00 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:06 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:12 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:18 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:24 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 1:30 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 1:36 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 1:42 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 1:48 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 1:54 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 2:00 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 2:06 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:12 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:18 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:24 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:30 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 2:36 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 2:42 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:48 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 2:54 AM	0.4	0.5	---	-0.4	-0.2
11/15/2020 3:00 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:06 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:12 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:18 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:24 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:30 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:36 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:42 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 3:48 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 3:54 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 4:00 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 4:06 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 4:12 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 4:18 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 4:24 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 4:30 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 4:36 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 4:42 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 4:48 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 4:54 AM	0.4	0.4	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 5:00 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:06 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:12 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 5:18 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 5:24 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:30 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:36 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:42 AM	0.4	0.3	---	-0.4	-0.2
11/15/2020 5:48 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 5:54 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 6:00 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 6:06 AM	0.4	0.4	---	-0.4	-0.2
11/15/2020 6:12 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:18 AM	0.4	0.3	---	-0.5	-0.3
11/15/2020 6:24 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:30 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:36 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:42 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:48 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 6:54 AM	0.4	0.3	---	-0.5	-0.3
11/15/2020 7:00 AM	0.4	0.3	---	-0.5	-0.3
11/15/2020 7:06 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:12 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:18 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:24 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:30 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:36 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:42 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:48 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 7:54 AM	0.4	0.3	---	-0.5	-0.3
11/15/2020 8:00 AM	0.4	0.3	---	-0.5	-0.2
11/15/2020 8:06 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 8:12 AM	0.4	0.7	---	-0.5	-0.3
11/15/2020 8:18 AM	0.4	0.6	---	-0.5	-0.2
11/15/2020 8:24 AM	0.4	0.5	---	-0.5	-0.2
11/15/2020 8:30 AM	0.4	0.5	---	-0.5	-0.2
11/15/2020 8:36 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 8:42 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 8:48 AM	0.4	0.4	---	-0.5	-0.3
11/15/2020 8:54 AM	0.4	0.4	---	-0.5	-0.3
11/15/2020 9:00 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 9:06 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 9:12 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 9:18 AM	0.4	0.4	---	-0.5	-0.2
11/15/2020 9:24 AM	0.5	0.4	---	-0.5	-0.2
11/15/2020 9:30 AM	0.5	0.4	---	-0.5	-0.2
11/15/2020 9:36 AM	0.5	0.4	---	-0.5	-0.2
11/15/2020 9:42 AM	0.5	0.4	---	-0.5	-0.2
11/15/2020 9:48 AM	0.5	0.4	---	-0.5	-0.2
11/15/2020 9:54 AM	0.5	0.4	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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4th Quarter 2020

Start of Report:

10/1/2020

0:00

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 10:00 AM	0.5	0.4	---	-0.5	3.8
11/15/2020 10:06 AM	0.5	0.3	---	-0.5	7.9
11/15/2020 10:12 AM	28.1	0.3	---	-0.6	6.3
11/15/2020 10:18 AM	57.8	0.2	---	-0.6	5.9
11/15/2020 10:24 AM	52.9	0.3	---	-0.6	5.9
11/15/2020 10:30 AM	43.4	0.3	---	-0.6	5.4
11/15/2020 10:36 AM	31.0	0.2	---	-0.6	4.5
11/15/2020 10:42 AM	22.4	0.2	---	-0.6	3.7
11/15/2020 10:48 AM	15.8	0.2	---	-0.6	3.2
11/15/2020 10:54 AM	10.2	0.2	---	-0.6	2.9
11/15/2020 11:00 AM	4.8	0.2	---	-0.6	2.7
11/15/2020 11:06 AM	2.1	0.2	---	-0.6	2.6
11/15/2020 11:12 AM	1.4	0.2	---	-0.6	2.6
11/15/2020 11:18 AM	1.1	0.2	---	-0.6	2.5
11/15/2020 11:24 AM	1.0	0.2	---	-0.6	2.5
11/15/2020 11:30 AM	0.9	0.2	---	-0.6	2.5
11/15/2020 11:36 AM	0.8	0.2	---	-0.6	2.5
11/15/2020 11:42 AM	0.8	0.2	---	-0.6	2.4
11/15/2020 11:48 AM	0.8	0.2	---	-0.6	2.4
11/15/2020 11:54 AM	0.8	0.2	---	-0.6	2.3
11/15/2020 12:00 PM	0.7	0.2	---	-0.6	2.3
11/15/2020 12:06 PM	0.7	0.2	---	-0.5	2.4
11/15/2020 12:12 PM	0.7	0.2	---	-0.5	2.4
11/15/2020 12:18 PM	0.7	0.2	---	-0.5	2.3
11/15/2020 12:24 PM	0.7	0.2	---	-0.5	2.3
11/15/2020 12:30 PM	0.7	0.2	---	-0.5	2.3
11/15/2020 12:36 PM	0.7	0.2	---	-0.5	2.3
11/15/2020 12:42 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 12:48 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 12:54 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:00 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:06 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:12 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:18 PM	0.6	0.3	---	-0.5	2.3
11/15/2020 1:24 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:30 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:36 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:42 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:48 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 1:54 PM	0.6	0.2	---	-0.5	2.3
11/15/2020 2:00 PM	15.6	0.2	---	-0.5	2.3
11/15/2020 2:06 PM	40.2	0.0	---	-0.5	2.3
11/15/2020 2:12 PM	29.4	-0.6	---	-0.5	2.3
11/15/2020 2:18 PM	15.8	-0.7	---	-0.5	2.3
11/15/2020 2:24 PM	10.6	-0.7	---	-0.5	2.3
11/15/2020 2:30 PM	9.6	-0.7	---	-0.5	2.4
11/15/2020 2:36 PM	6.5	-0.7	---	-0.5	2.4
11/15/2020 2:42 PM	3.6	-0.6	---	-0.5	2.4
11/15/2020 2:48 PM	2.6	-0.7	---	-0.5	2.5
11/15/2020 2:54 PM	2.2	-0.7	---	-0.5	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

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4th Quarter 2020

Start of Report:

10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 3:00 PM	2.0	-0.7	---	-0.5	2.4
11/15/2020 3:06 PM	1.8	-0.7	---	-0.5	2.4
11/15/2020 3:12 PM	1.8	-0.7	---	-0.5	2.3
11/15/2020 3:18 PM	1.8	-0.7	---	-0.5	2.2
11/15/2020 3:24 PM	1.7	-0.7	---	-0.5	2.2
11/15/2020 3:30 PM	1.7	-0.7	---	-0.5	2.2
11/15/2020 3:36 PM	1.7	-0.7	---	-0.5	2.3
11/15/2020 3:42 PM	1.7	-0.7	---	-0.5	2.3
11/15/2020 3:48 PM	1.6	-0.7	---	-0.5	2.3
11/15/2020 3:54 PM	1.5	-0.7	---	-0.5	2.4
11/15/2020 4:00 PM	1.5	-0.7	---	-0.5	2.3
11/15/2020 4:06 PM	1.5	-0.7	---	-0.5	2.3
11/15/2020 4:12 PM	1.7	-0.8	---	-0.5	2.3
11/15/2020 4:18 PM	1.9	-0.8	---	-0.5	2.3
11/15/2020 4:24 PM	2.0	-0.8	---	-0.5	2.3
11/15/2020 4:30 PM	2.1	-0.7	---	-0.5	2.3
11/15/2020 4:36 PM	2.1	-0.7	---	-0.5	2.3
11/15/2020 4:42 PM	2.1	-0.7	---	-0.5	2.3
11/15/2020 4:48 PM	2.1	-0.7	---	-0.5	2.2
11/15/2020 4:54 PM	2.0	-0.6	---	-0.5	2.2
11/15/2020 5:00 PM	2.0	-0.6	---	-0.5	2.2
11/15/2020 5:06 PM	2.0	-0.7	---	-0.5	2.2
11/15/2020 5:12 PM	1.9	-0.7	---	-0.5	2.3
11/15/2020 5:18 PM	1.8	-0.7	---	-0.5	2.4
11/15/2020 5:24 PM	1.8	-0.7	---	-0.5	2.4
11/15/2020 5:30 PM	1.7	-0.6	---	-0.5	2.3
11/15/2020 5:36 PM	1.6	-0.6	---	-0.5	2.3
11/15/2020 5:42 PM	1.5	-0.6	---	-0.5	2.4
11/15/2020 5:48 PM	1.5	-0.6	---	-0.5	2.4
11/15/2020 5:54 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:00 PM	1.4	-0.7	---	-0.5	2.4
11/15/2020 6:06 PM	1.4	-0.7	---	-0.5	2.4
11/15/2020 6:12 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:18 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:24 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:30 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:36 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 6:42 PM	1.4	-0.6	---	-0.5	2.5
11/15/2020 6:48 PM	1.4	-0.6	---	-0.5	2.5
11/15/2020 6:54 PM	1.4	-0.6	---	-0.5	2.6
11/15/2020 7:00 PM	1.4	-0.7	---	-0.5	2.6
11/15/2020 7:06 PM	1.4	-0.6	---	-0.5	2.5
11/15/2020 7:12 PM	1.6	-0.6	---	-0.5	2.5
11/15/2020 7:18 PM	1.8	-0.6	---	-0.5	2.6
11/15/2020 7:24 PM	1.8	-0.6	---	-0.5	2.6
11/15/2020 7:30 PM	1.8	-0.6	---	-0.5	2.6
11/15/2020 7:36 PM	1.9	-0.6	---	-0.5	2.5
11/15/2020 7:42 PM	1.9	-0.7	---	-0.5	2.5
11/15/2020 7:48 PM	1.9	-0.7	---	-0.5	2.4
11/15/2020 7:54 PM	1.9	-0.6	---	-0.5	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/15/2020 8:00 PM	1.9	-0.6	---	-0.5	2.5
11/15/2020 8:06 PM	1.9	-0.6	---	-0.5	2.5
11/15/2020 8:12 PM	1.9	-0.7	---	-0.5	2.4
11/15/2020 8:18 PM	1.9	-0.6	---	-0.5	2.4
11/15/2020 8:24 PM	1.9	-0.6	---	-0.5	2.3
11/15/2020 8:30 PM	1.9	-0.6	---	-0.4	2.4
11/15/2020 8:36 PM	1.9	-0.6	---	-0.4	2.6
11/15/2020 8:42 PM	2.0	-0.6	---	-0.4	2.7
11/15/2020 8:48 PM	1.9	-0.5	---	-0.4	2.6
11/15/2020 8:54 PM	1.7	-0.5	---	-0.4	3.0
11/15/2020 9:00 PM	1.4	-0.6	---	-0.4	3.3
11/15/2020 9:06 PM	1.4	-0.6	---	-0.4	2.9
11/15/2020 9:12 PM	1.4	-0.6	---	-0.4	2.8
11/15/2020 9:18 PM	1.3	-0.6	---	-0.5	2.7
11/15/2020 9:24 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 9:30 PM	1.5	-0.7	---	-0.5	2.2
11/15/2020 9:36 PM	1.4	-0.6	---	-0.5	2.4
11/15/2020 9:42 PM	1.3	-0.7	---	-0.5	2.6
11/15/2020 9:48 PM	1.5	-0.7	---	-0.5	4.1
11/15/2020 9:54 PM	1.6	-0.7	---	-0.5	5.4
11/15/2020 10:00 PM	1.4	-0.7	---	-0.5	4.8
11/15/2020 10:06 PM	1.3	-0.7	---	-0.5	4.8
11/15/2020 10:12 PM	1.3	-0.7	---	-0.5	4.8
11/15/2020 10:18 PM	1.3	-0.7	---	-0.5	4.5
11/15/2020 10:24 PM	1.3	-0.6	---	-0.5	4.4
11/15/2020 10:30 PM	1.3	-0.7	---	-0.5	4.4
11/15/2020 10:36 PM	1.3	-0.7	---	-0.5	4.3
11/15/2020 10:42 PM	1.3	-0.7	---	-0.5	4.1
11/15/2020 10:48 PM	1.3	-0.6	---	-0.5	3.9
11/15/2020 10:54 PM	1.3	-0.6	---	-0.5	4.0
11/15/2020 11:00 PM	1.2	-0.7	---	-0.5	4.1
11/15/2020 11:06 PM	1.5	-0.7	---	-0.5	4.1
11/15/2020 11:12 PM	1.6	-0.7	---	-0.5	3.0
11/15/2020 11:18 PM	1.6	-0.6	---	-0.5	2.0
11/15/2020 11:24 PM	1.6	-0.7	---	-0.5	2.1
11/15/2020 11:30 PM	1.6	-0.6	---	-0.5	2.2
11/15/2020 11:36 PM	1.5	-0.7	---	-0.5	2.2
11/15/2020 11:42 PM	1.3	-0.7	---	-0.5	2.4
11/15/2020 11:48 PM	1.2	-0.6	---	-0.5	2.5
11/15/2020 11:54 PM	1.2	-0.6	---	-0.5	2.5
11/16/2020 12:00 AM	1.2	-0.6	---	-0.5	2.5
11/16/2020 12:06 AM	1.3	-0.6	---	-0.5	2.3
11/16/2020 12:12 AM	1.1	-0.6	---	-0.5	2.1
11/16/2020 12:18 AM	0.7	-0.6	---	-0.5	2.2
11/16/2020 12:24 AM	0.7	-0.7	---	-0.5	2.7
11/16/2020 12:30 AM	0.7	-0.7	---	-0.5	3.0
11/16/2020 12:36 AM	0.7	-0.7	---	-0.5	2.8
11/16/2020 12:42 AM	0.7	-0.7	---	-0.5	2.8
11/16/2020 12:48 AM	0.6	-0.7	---	-0.5	2.8
11/16/2020 12:54 AM	0.6	-0.6	---	-0.5	2.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/16/2020 1:00 AM	0.7	-0.6	---	-0.5	2.8
11/16/2020 1:06 AM	0.6	-0.6	---	-0.5	3.1
11/16/2020 1:12 AM	0.6	-0.6	---	-0.5	3.5
11/16/2020 1:18 AM	0.6	-0.6	---	-0.5	4.0
11/16/2020 1:24 AM	0.6	-0.7	---	-0.5	4.6
11/16/2020 1:30 AM	0.6	-0.6	---	-0.5	4.6
11/16/2020 1:36 AM	0.6	-0.6	---	-0.5	4.5
11/16/2020 1:42 AM	0.6	-0.7	---	-0.5	4.3
11/16/2020 1:48 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 1:54 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 2:00 AM	0.6	-0.6	---	-0.5	4.2
11/16/2020 2:06 AM	0.6	-0.6	---	-0.5	4.2
11/16/2020 2:12 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 2:18 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 2:24 AM	0.6	-0.6	---	-0.5	4.2
11/16/2020 2:30 AM	0.6	-0.6	---	-0.4	4.2
11/16/2020 2:36 AM	0.6	-0.6	---	-0.4	4.0
11/16/2020 2:42 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 2:48 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 2:54 AM	0.6	-0.7	---	-0.5	4.1
11/16/2020 3:00 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 3:06 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 3:12 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 3:18 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 3:24 AM	0.6	-0.6	---	-0.5	4.0
11/16/2020 3:30 AM	0.5	-0.6	---	-0.5	4.0
11/16/2020 3:36 AM	0.6	-0.6	---	-0.5	4.1
11/16/2020 3:42 AM	0.6	-0.6	---	-0.5	4.2
11/16/2020 3:48 AM	0.5	-0.6	---	-0.5	4.1
11/16/2020 3:54 AM	0.5	-0.6	---	-0.5	4.1
11/16/2020 4:00 AM	0.5	-0.6	---	-0.4	4.1
11/16/2020 4:06 AM	0.6	-0.6	---	-0.4	4.0
11/16/2020 4:12 AM	0.5	-0.6	---	-0.4	4.0
11/16/2020 4:18 AM	0.6	-0.6	---	-0.4	3.8
11/16/2020 4:24 AM	0.6	-0.6	---	-0.4	2.8
11/16/2020 4:30 AM	0.6	-0.6	---	-0.4	2.1
11/16/2020 4:36 AM	0.6	-0.6	---	-0.4	2.0
11/16/2020 4:42 AM	0.6	-0.6	---	-0.4	1.9
11/16/2020 4:48 AM	0.6	-0.6	---	-0.4	2.0
11/16/2020 4:54 AM	0.5	-0.6	---	-0.4	2.0
11/16/2020 5:00 AM	0.5	-0.6	---	-0.4	2.0
11/16/2020 5:06 AM	0.5	-0.6	---	-0.4	2.0
11/16/2020 5:12 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 5:18 AM	0.6	-0.7	---	-0.4	2.1
11/16/2020 5:24 AM	0.6	-0.6	---	-0.4	2.1
11/16/2020 5:30 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 5:36 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 5:42 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 5:48 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 5:54 AM	0.5	-0.6	---	-0.4	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/16/2020 6:00 AM	0.6	-0.6	---	-0.4	2.1
11/16/2020 6:06 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 6:12 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 6:18 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 6:24 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 6:30 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 6:36 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 6:42 AM	0.5	-0.5	---	-0.4	2.1
11/16/2020 6:48 AM	0.5	-0.5	---	-0.4	2.1
11/16/2020 6:54 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 7:00 AM	0.4	-0.6	---	-0.4	2.1
11/16/2020 7:06 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 7:12 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 7:18 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 7:24 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 7:30 AM	0.5	-0.6	---	-0.4	2.2
11/16/2020 7:36 AM	0.5	-0.6	---	-0.4	2.1
11/16/2020 7:42 AM	0.5	-0.5	---	-0.4	4.0
11/16/2020 7:48 AM	0.5	-0.6	---	-0.4	6.5
11/16/2020 7:54 AM	0.5	-0.6	---	-0.4	6.3
11/16/2020 8:00 AM	0.5	-0.6	---	-0.4	6.1
11/16/2020 8:06 AM	0.5	-0.6	---	-0.4	5.9
11/16/2020 8:12 AM	0.5	-0.6	---	-0.5	5.4
11/16/2020 8:18 AM	0.5	-0.6	---	-0.5	5.2
11/16/2020 8:24 AM	0.5	-0.6	---	-0.5	5.2
11/16/2020 8:30 AM	0.5	-0.6	---	-0.5	5.2
11/16/2020 8:36 AM	0.5	-0.5	---	-0.5	5.2
11/16/2020 8:42 AM	0.5	-0.5	---	-0.5	5.1
11/16/2020 8:48 AM	0.5	-0.5	---	-0.5	5.0
11/16/2020 8:54 AM	0.5	-0.5	---	-0.4	5.0
11/16/2020 9:00 AM	0.5	-0.4	---	-0.4	4.9
11/16/2020 9:06 AM	0.5	-0.4	---	-0.4	4.9
11/16/2020 9:12 AM	0.5	-0.4	---	-0.4	4.9
11/16/2020 9:18 AM	0.5	-0.4	---	-0.5	5.0
11/16/2020 9:24 AM	0.5	-0.4	---	-0.5	5.0
11/16/2020 9:30 AM	0.5	-0.4	---	-0.5	5.0
11/16/2020 9:36 AM	0.5	-0.4	---	-0.5	4.9
11/16/2020 9:42 AM	3.0	-0.4	---	-0.5	4.8
11/16/2020 9:48 AM	4.0	-0.4	---	-0.5	4.9
11/16/2020 9:54 AM	2.0	-0.3	---	-0.5	3.1
11/16/2020 10:00 AM	2.0	-0.3	---	-0.5	1.6
11/16/2020 10:06 AM	1.9	-0.3	---	-0.5	1.8
11/16/2020 10:12 AM	1.9	-0.3	---	-0.5	1.8
11/16/2020 10:18 AM	1.8	-0.3	---	-0.5	1.9
11/16/2020 10:24 AM	1.7	-0.3	---	-0.5	1.9
11/16/2020 10:30 AM	1.7	-0.3	---	-0.5	1.9
11/16/2020 10:36 AM	1.7	-0.4	---	-0.5	2.0
11/16/2020 10:42 AM	1.7	-0.4	---	-0.5	2.0
11/16/2020 10:48 AM	1.6	-0.4	---	-0.5	2.0
11/16/2020 10:54 AM	1.6	-0.4	---	-0.5	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/16/2020 11:00 AM	1.6	-0.5	---	-0.5	2.0
11/16/2020 11:06 AM	1.6	-0.5	---	-0.5	2.0
11/16/2020 11:12 AM	1.6	-0.5	---	-0.5	1.9
11/16/2020 11:18 AM	1.6	-0.5	---	-0.5	1.9
11/16/2020 11:24 AM	1.6	-0.5	---	-0.5	2.0
11/16/2020 11:30 AM	1.7	-0.5	---	-0.5	2.0
11/16/2020 11:36 AM	1.9	-0.4	---	-0.5	2.0
11/16/2020 11:42 AM	2.0	-0.4	---	-0.5	2.0
11/16/2020 11:48 AM	2.1	-0.3	---	-0.5	2.0
11/16/2020 11:54 AM	2.1	-0.3	---	-0.5	2.0
11/16/2020 12:00 PM	2.0	-0.4	---	-0.5	2.0
11/16/2020 12:06 PM	1.4	-0.4	---	-0.5	2.0
11/16/2020 12:12 PM	1.4	-0.4	---	-0.5	2.0
11/16/2020 12:18 PM	1.4	-0.5	---	-0.5	2.0
11/16/2020 12:24 PM	1.3	-0.5	---	-0.5	2.0
11/16/2020 12:30 PM	1.3	-0.5	---	-0.5	2.1
11/16/2020 12:36 PM	1.2	-0.4	---	-0.5	2.1
11/16/2020 12:42 PM	1.1	-0.5	---	-0.5	2.1
11/16/2020 12:48 PM	1.2	-0.5	---	-0.5	2.1
11/16/2020 12:54 PM	1.3	-0.5	---	-0.5	2.1
11/16/2020 1:00 PM	1.3	-0.5	---	-0.5	2.1
11/16/2020 1:06 PM	1.3	-0.4	---	-0.5	2.1
11/16/2020 1:12 PM	1.2	-0.1	---	-0.5	2.1
11/16/2020 1:18 PM	1.2	8.4	---	-0.5	2.1
11/16/2020 1:24 PM	1.2	5.1	---	-0.5	2.1
11/16/2020 1:30 PM	1.2	1.1	---	-0.5	2.1
11/16/2020 1:36 PM	1.1	0.2	---	-0.5	2.2
11/16/2020 1:42 PM	1.0	0.0	---	-0.5	2.2
11/16/2020 1:48 PM	0.8	-0.1	---	-0.5	2.1
11/16/2020 1:54 PM	0.7	-0.1	---	-0.5	2.1
11/16/2020 2:00 PM	0.8	-0.1	---	-0.5	2.1
11/16/2020 2:06 PM	0.9	-0.2	---	-0.5	2.2
11/16/2020 2:12 PM	0.9	-0.2	---	-0.5	2.2
11/16/2020 2:18 PM	0.9	-0.3	---	-0.5	2.1
11/16/2020 2:24 PM	0.9	-0.3	---	-0.5	2.1
11/16/2020 2:30 PM	1.0	-0.3	---	-0.5	2.2
11/16/2020 2:36 PM	1.0	-0.4	---	-0.5	2.2
11/16/2020 2:42 PM	1.0	-0.4	---	-0.5	2.2
11/16/2020 2:48 PM	1.1	-0.4	---	-0.5	2.2
11/16/2020 2:54 PM	1.1	-0.4	---	-0.5	2.2
11/16/2020 3:00 PM	1.0	-0.4	---	-0.5	2.2
11/16/2020 3:06 PM	1.0	-0.4	---	-0.5	2.1
11/16/2020 3:12 PM	1.0	-0.4	---	-0.5	2.1
11/16/2020 3:18 PM	1.0	-0.3	---	-0.5	2.1
11/16/2020 3:24 PM	1.0	-0.3	---	-0.5	2.1
11/16/2020 3:30 PM	1.0	-0.2	---	-0.5	2.2
11/16/2020 3:36 PM	1.0	-0.2	---	-0.5	2.1
11/16/2020 3:42 PM	1.0	-0.1	---	-0.5	2.1
11/16/2020 3:48 PM	1.0	-0.1	---	-0.5	2.2
11/16/2020 3:54 PM	1.0	-0.1	---	-0.5	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/16/2020 4:00 PM	1.0	-0.1	---	-0.5	2.2
11/16/2020 4:06 PM	1.0	-0.1	---	-0.5	2.2
11/16/2020 4:12 PM	1.0	-0.1	---	-0.5	2.2
11/16/2020 4:18 PM	0.9	-0.1	---	-0.5	2.1
11/16/2020 4:24 PM	0.9	-0.1	---	-0.5	2.2
11/16/2020 4:30 PM	0.9	-0.1	---	-0.5	2.2
11/16/2020 4:36 PM	0.9	0.0	---	-0.5	2.2
11/16/2020 4:42 PM	0.9	0.0	---	-0.5	2.1
11/16/2020 4:48 PM	0.8	0.0	---	-0.5	2.1
11/16/2020 4:54 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:00 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:06 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:12 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:18 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:24 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:30 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:36 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 5:42 PM	0.5	0.0	---	-0.5	2.0
11/16/2020 5:48 PM	0.5	0.0	---	-0.5	2.0
11/16/2020 5:54 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:00 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:06 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:12 PM	0.5	0.0	---	-0.5	2.0
11/16/2020 6:18 PM	0.5	0.0	---	-0.5	2.0
11/16/2020 6:24 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:30 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:36 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:42 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:48 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 6:54 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:00 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:06 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:12 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:18 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:24 PM	0.4	0.0	---	-0.5	2.1
11/16/2020 7:30 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:36 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 7:42 PM	0.5	0.0	---	-0.5	2.2
11/16/2020 7:48 PM	0.5	0.0	---	-0.5	2.2
11/16/2020 7:54 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 8:00 PM	0.5	0.0	---	-0.5	2.1
11/16/2020 8:06 PM	0.4	0.0	---	-0.5	2.0
11/16/2020 8:12 PM	0.4	0.0	---	-0.5	2.0
11/16/2020 8:18 PM	0.4	0.0	---	-0.5	2.1
11/16/2020 8:24 PM	0.4	0.0	---	-0.5	2.1
11/16/2020 8:30 PM	0.4	0.0	---	-0.5	2.0
11/16/2020 8:36 PM	0.4	0.1	---	-0.5	2.1
11/16/2020 8:42 PM	0.4	0.1	---	-0.5	2.1
11/16/2020 8:48 PM	0.4	0.1	---	-0.5	2.1
11/16/2020 8:54 PM	0.4	0.1	---	-0.5	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/16/2020 9:00 PM	0.4	0.1	---	-0.5	2.1
11/16/2020 9:06 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:12 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:18 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:24 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:30 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:36 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:42 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:48 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 9:54 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 10:00 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 10:06 PM	0.4	0.1	---	-0.5	2.0
11/16/2020 10:12 PM	0.5	0.1	---	-0.5	2.0
11/16/2020 10:18 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:24 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:30 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:36 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:42 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:48 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 10:54 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:00 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:06 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:12 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:18 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:24 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:30 PM	0.5	0.1	---	-0.4	2.1
11/16/2020 11:36 PM	0.5	0.1	---	-0.4	2.1
11/16/2020 11:42 PM	0.5	0.1	---	-0.4	2.2
11/16/2020 11:48 PM	0.5	0.1	---	-0.5	2.1
11/16/2020 11:54 PM	0.5	0.1	---	-0.5	2.1
11/17/2020 12:00 AM	0.5	0.1	---	-0.4	2.1
11/17/2020 12:06 AM	0.5	0.1	---	-0.4	2.1
11/17/2020 12:12 AM	0.4	0.1	---	-0.5	2.1
11/17/2020 12:18 AM	0.4	0.1	---	-0.5	2.1
11/17/2020 12:24 AM	0.4	0.1	---	-0.5	2.1
11/17/2020 12:30 AM	0.6	0.1	---	-0.5	1.3
11/17/2020 12:36 AM	0.6	0.2	---	-0.5	0.2
11/17/2020 12:42 AM	0.5	0.2	---	-0.4	-0.1
11/17/2020 12:48 AM	0.4	0.2	---	-0.4	-0.1
11/17/2020 12:54 AM	0.4	0.2	---	-0.4	-0.1
11/17/2020 1:00 AM	0.4	0.2	---	-0.4	-0.1
11/17/2020 1:06 AM	0.3	0.2	---	-0.4	-0.1
11/17/2020 1:12 AM	0.3	0.2	---	-0.4	-0.2
11/17/2020 1:18 AM	0.3	0.2	---	-0.4	-0.1
11/17/2020 1:24 AM	0.3	0.2	---	-0.4	-0.1
11/17/2020 1:30 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 1:36 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 1:42 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 1:48 AM	0.2	0.3	---	-0.4	-0.2
11/17/2020 1:54 AM	0.2	0.2	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/17/2020 2:00 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:06 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:12 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:18 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:24 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:30 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:36 AM	0.2	0.3	---	-0.4	-0.1
11/17/2020 2:42 AM	0.2	0.4	---	-0.4	-0.1
11/17/2020 2:48 AM	0.2	0.4	---	-0.5	-0.1
11/17/2020 2:54 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 3:00 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 3:06 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 3:12 AM	0.2	0.5	---	-0.5	-0.1
11/17/2020 3:18 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 3:24 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 3:30 AM	0.2	0.5	---	-0.5	-0.1
11/17/2020 3:36 AM	0.2	0.5	---	-0.5	-0.1
11/17/2020 3:42 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 3:48 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 3:54 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 4:00 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 4:06 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:12 AM	0.2	0.5	---	-0.4	-0.1
11/17/2020 4:18 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:24 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:30 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:36 AM	0.1	0.5	---	-0.4	-0.2
11/17/2020 4:42 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:48 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 4:54 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 5:00 AM	0.2	0.4	---	-0.4	-0.2
11/17/2020 5:06 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 5:12 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 5:18 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 5:24 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 5:30 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 5:36 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 5:42 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 5:48 AM	0.2	0.5	---	-0.4	-0.2
11/17/2020 5:54 AM	0.2	0.5	---	-0.5	-0.2
11/17/2020 6:00 AM	0.3	0.6	---	-0.5	-0.2
11/17/2020 6:06 AM	0.3	0.6	---	-0.5	-0.2
11/17/2020 6:12 AM	0.3	0.6	---	-0.5	-0.2
11/17/2020 6:18 AM	0.3	0.7	---	-0.5	-0.2
11/17/2020 6:24 AM	0.3	0.7	---	-0.5	-0.2
11/17/2020 6:30 AM	0.3	0.7	---	-0.5	-0.2
11/17/2020 6:36 AM	0.3	0.8	---	-0.5	-0.2
11/17/2020 6:42 AM	0.3	0.8	---	-0.5	-0.2
11/17/2020 6:48 AM	0.3	0.8	---	-0.5	-0.2
11/17/2020 6:54 AM	0.3	0.8	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/17/2020 7:00 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:06 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:12 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:18 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:24 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:30 AM	0.3	0.9	---	-0.5	-0.2
11/17/2020 7:36 AM	0.3	1.0	---	-0.5	-0.2
11/17/2020 7:42 AM	0.3	1.0	---	-0.5	-0.2
11/17/2020 7:48 AM	0.3	1.0	---	-0.5	-0.2
11/17/2020 7:54 AM	0.3	1.0	---	-0.5	-0.2
11/17/2020 8:00 AM	0.3	1.1	---	-0.5	-0.2
11/17/2020 8:06 AM	0.3	1.1	---	-0.5	-0.2
11/17/2020 8:12 AM	0.5	1.1	---	-0.5	-0.2
11/17/2020 8:18 AM	0.5	1.1	---	-0.5	-0.2
11/17/2020 8:24 AM	0.4	1.1	---	-0.5	-0.2
11/17/2020 8:30 AM	0.4	1.1	---	-0.5	-0.2
11/17/2020 8:36 AM	0.4	1.2	---	-0.5	-0.2
11/17/2020 8:42 AM	0.5	1.2	---	-0.5	-0.2
11/17/2020 8:48 AM	1.0	1.2	---	-0.5	-0.2
11/17/2020 8:54 AM	1.0	1.3	---	-0.5	-0.2
11/17/2020 9:00 AM	0.8	1.3	---	-0.5	-0.2
11/17/2020 9:06 AM	0.8	1.3	---	-0.5	-0.2
11/17/2020 9:12 AM	0.8	1.3	---	-0.5	-0.2
11/17/2020 9:18 AM	0.8	1.3	---	-0.5	-0.2
11/17/2020 9:24 AM	0.8	1.4	---	-0.5	-0.2
11/17/2020 9:30 AM	0.7	1.4	---	-0.5	-0.2
11/17/2020 9:36 AM	0.7	1.4	---	-0.5	-0.2
11/17/2020 9:42 AM	0.7	1.5	---	-0.5	-0.2
11/17/2020 9:48 AM	0.7	1.5	---	-0.5	-0.2
11/17/2020 9:54 AM	0.7	1.5	---	-0.5	-0.2
11/17/2020 10:00 AM	0.7	1.6	---	-0.5	-0.2
11/17/2020 10:06 AM	0.6	1.6	---	-0.5	5.9
11/17/2020 10:12 AM	0.3	1.5	---	-0.5	9.8
11/17/2020 10:18 AM	0.1	1.5	---	-0.5	6.0
11/17/2020 10:24 AM	0.2	1.5	---	-0.5	5.3
11/17/2020 10:30 AM	0.2	1.5	---	-0.5	5.2
11/17/2020 10:36 AM	0.2	1.5	---	-0.5	5.0
11/17/2020 10:42 AM	0.2	1.5	---	-0.5	4.3
11/17/2020 10:48 AM	0.2	1.5	---	-0.5	3.6
11/17/2020 10:54 AM	0.3	1.5	---	-0.5	3.1
11/17/2020 11:00 AM	0.3	1.4	---	-0.5	2.9
11/17/2020 11:06 AM	0.2	1.4	---	-0.5	2.7
11/17/2020 11:12 AM	0.3	1.4	---	-0.5	2.5
11/17/2020 11:18 AM	0.3	1.4	---	-0.5	2.4
11/17/2020 11:24 AM	0.3	1.4	---	-0.5	2.4
11/17/2020 11:30 AM	0.3	1.5	---	-0.5	2.4
11/17/2020 11:36 AM	0.4	1.5	---	-0.5	2.3
11/17/2020 11:42 AM	0.4	1.5	---	-0.5	2.3
11/17/2020 11:48 AM	0.5	1.5	---	-0.5	2.2
11/17/2020 11:54 AM	0.5	1.5	---	-0.5	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/17/2020 12:00 PM	0.6	1.4	---	-0.5	2.2
11/17/2020 12:06 PM	0.7	1.4	---	-0.5	2.1
11/17/2020 12:12 PM	0.7	1.5	---	-0.5	2.1
11/17/2020 12:18 PM	0.8	1.5	---	-0.5	2.1
11/17/2020 12:24 PM	0.8	1.5	---	-0.5	2.1
11/17/2020 12:30 PM	0.8	1.4	---	-0.5	2.1
11/17/2020 12:36 PM	0.8	1.3	---	-0.5	2.2
11/17/2020 12:42 PM	0.9	1.2	---	-0.5	2.1
11/17/2020 12:48 PM	0.9	1.1	---	-0.5	2.1
11/17/2020 12:54 PM	0.7	1.0	---	-0.5	2.1
11/17/2020 1:00 PM	0.5	1.0	---	-0.5	2.0
11/17/2020 1:06 PM	0.5	1.0	---	-0.5	2.0
11/17/2020 1:12 PM	0.5	1.0	---	-0.5	2.0
11/17/2020 1:18 PM	0.6	1.0	---	-0.5	2.0
11/17/2020 1:24 PM	0.6	0.9	---	-0.5	2.0
11/17/2020 1:30 PM	0.5	0.8	---	-0.5	2.0
11/17/2020 1:36 PM	0.5	0.8	---	-0.4	2.0
11/17/2020 1:42 PM	0.6	0.9	---	-0.5	2.0
11/17/2020 1:48 PM	0.6	0.9	---	-0.5	2.0
11/17/2020 1:54 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:00 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:06 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:12 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:18 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:24 PM	0.6	0.8	---	-0.4	2.0
11/17/2020 2:30 PM	0.6	0.7	---	-0.4	2.0
11/17/2020 2:36 PM	0.5	0.7	---	-0.4	2.0
11/17/2020 2:42 PM	0.5	0.7	---	-0.4	1.9
11/17/2020 2:48 PM	0.5	0.7	---	-0.4	2.0
11/17/2020 2:54 PM	0.5	0.7	---	-0.4	2.0
11/17/2020 3:00 PM	0.5	0.8	---	-0.4	2.0
11/17/2020 3:06 PM	0.5	0.8	---	-0.4	2.1
11/17/2020 3:12 PM	0.5	0.8	---	-0.4	2.1
11/17/2020 3:18 PM	0.5	0.8	---	-0.4	2.1
11/17/2020 3:24 PM	0.5	0.8	---	-0.4	2.1
11/17/2020 3:30 PM	0.5	0.7	---	-0.4	2.1
11/17/2020 3:36 PM	0.5	0.8	---	-0.4	2.1
11/17/2020 3:42 PM	0.5	0.8	---	-0.4	2.0
11/17/2020 3:48 PM	0.5	0.8	---	-0.4	2.0
11/17/2020 3:54 PM	0.5	0.7	---	-0.4	2.0
11/17/2020 4:00 PM	0.5	0.7	---	-0.4	2.0
11/17/2020 4:06 PM	0.4	0.6	---	-0.4	1.9
11/17/2020 4:12 PM	0.4	0.6	---	-0.4	2.0
11/17/2020 4:18 PM	0.5	0.5	---	-0.4	2.0
11/17/2020 4:24 PM	0.5	0.6	---	-0.4	2.0
11/17/2020 4:30 PM	0.5	0.6	---	-0.4	2.0
11/17/2020 4:36 PM	0.5	0.8	---	-0.4	2.0
11/17/2020 4:42 PM	0.5	0.9	---	-0.4	2.1
11/17/2020 4:48 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 4:54 PM	0.4	1.0	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/17/2020 5:00 PM	0.4	1.0	---	-0.4	2.0
11/17/2020 5:06 PM	0.5	1.0	---	-0.4	2.0
11/17/2020 5:12 PM	0.5	0.9	---	-0.4	2.0
11/17/2020 5:18 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 5:24 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 5:30 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 5:36 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 5:42 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 5:48 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 5:54 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 6:00 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:06 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:12 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:18 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 6:24 PM	0.4	0.9	---	-0.4	2.1
11/17/2020 6:30 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:36 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:42 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:48 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 6:54 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 7:00 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 7:06 PM	0.4	0.8	---	-0.4	2.1
11/17/2020 7:12 PM	0.4	0.8	---	-0.4	2.1
11/17/2020 7:18 PM	0.4	0.8	---	-0.4	2.0
11/17/2020 7:24 PM	0.3	0.8	---	-0.4	2.0
11/17/2020 7:30 PM	0.3	0.9	---	-0.4	2.0
11/17/2020 7:36 PM	0.4	0.9	---	-0.4	2.0
11/17/2020 7:42 PM	0.3	0.9	---	-0.4	2.0
11/17/2020 7:48 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 7:54 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:00 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:06 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:12 PM	0.4	1.0	---	-0.4	2.0
11/17/2020 8:18 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:24 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:30 PM	0.4	1.0	---	-0.4	1.9
11/17/2020 8:36 PM	0.3	1.0	---	-0.4	1.9
11/17/2020 8:42 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:48 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 8:54 PM	0.3	1.0	---	-0.4	1.9
11/17/2020 9:00 PM	0.3	1.0	---	-0.4	1.9
11/17/2020 9:06 PM	0.3	1.0	---	-0.4	1.9
11/17/2020 9:12 PM	0.4	1.1	---	-0.4	1.9
11/17/2020 9:18 PM	0.3	1.1	---	-0.4	2.0
11/17/2020 9:24 PM	0.3	1.0	---	-0.4	1.9
11/17/2020 9:30 PM	0.3	1.0	---	-0.4	2.0
11/17/2020 9:36 PM	0.3	0.9	---	-0.4	2.0
11/17/2020 9:42 PM	0.3	0.8	---	-0.4	1.9
11/17/2020 9:48 PM	0.3	0.8	---	-0.4	1.9
11/17/2020 9:54 PM	0.3	0.8	---	-0.4	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/17/2020 10:00 PM	0.3	0.8	---	-0.4	1.9
11/17/2020 10:06 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:12 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:18 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:24 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:30 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:36 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:42 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:48 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 10:54 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 11:00 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 11:06 PM	0.3	0.7	---	-0.4	1.9
11/17/2020 11:12 PM	0.2	0.7	---	-0.4	1.9
11/17/2020 11:18 PM	0.2	0.8	---	-0.4	1.9
11/17/2020 11:24 PM	0.0	0.8	---	-0.4	1.9
11/17/2020 11:30 PM	-0.4	0.8	---	-0.4	1.9
11/17/2020 11:36 PM	-0.5	0.7	---	-0.4	1.9
11/17/2020 11:42 PM	-0.5	0.7	---	-0.4	2.0
11/17/2020 11:48 PM	-0.4	0.7	---	-0.4	2.8
11/17/2020 11:54 PM	-0.5	0.7	---	-0.4	4.9
11/18/2020 12:00 AM	-0.5	0.7	---	-0.4	5.5
11/18/2020 12:06 AM	-0.5	0.7	---	-0.4	4.7
11/18/2020 12:12 AM	-0.5	0.7	---	-0.4	4.3
11/18/2020 12:18 AM	-0.5	0.7	---	-0.4	4.0
11/18/2020 12:24 AM	-0.5	0.8	---	-0.4	3.9
11/18/2020 12:30 AM	-0.5	0.8	---	-0.4	2.8
11/18/2020 12:36 AM	-0.5	0.9	---	-0.4	1.5
11/18/2020 12:42 AM	-0.5	0.9	---	-0.4	1.5
11/18/2020 12:48 AM	-0.5	0.9	---	-0.4	1.6
11/18/2020 12:54 AM	-0.5	0.9	---	-0.4	1.6
11/18/2020 1:00 AM	-0.6	0.9	---	-0.4	1.6
11/18/2020 1:06 AM	-0.5	0.9	---	-0.4	1.7
11/18/2020 1:12 AM	-0.5	0.9	---	-0.4	1.7
11/18/2020 1:18 AM	-0.5	1.0	---	-0.4	1.7
11/18/2020 1:24 AM	-0.5	1.0	---	-0.4	1.7
11/18/2020 1:30 AM	-0.5	0.9	---	-0.4	1.7
11/18/2020 1:36 AM	-0.5	0.9	---	-0.4	1.7
11/18/2020 1:42 AM	-0.5	0.9	---	-0.4	1.7
11/18/2020 1:48 AM	-0.5	1.0	---	-0.4	1.8
11/18/2020 1:54 AM	-0.4	1.0	---	-0.4	1.8
11/18/2020 2:00 AM	-0.5	1.0	---	-0.4	1.6
11/18/2020 2:06 AM	-0.6	1.0	---	-0.4	0.6
11/18/2020 2:12 AM	-0.5	1.0	---	-0.4	-0.1
11/18/2020 2:18 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 2:24 AM	-0.4	1.1	---	-0.4	-0.1
11/18/2020 2:30 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 2:36 AM	-0.5	1.0	---	-0.4	-0.1
11/18/2020 2:42 AM	-0.5	1.0	---	-0.4	-0.1
11/18/2020 2:48 AM	-0.5	1.0	---	-0.4	-0.2
11/18/2020 2:54 AM	-0.5	1.0	---	-0.4	-0.2

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/18/2020 3:00 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 3:06 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 3:12 AM	-0.4	1.1	---	-0.4	-0.1
11/18/2020 3:18 AM	-0.4	1.1	---	-0.4	-0.2
11/18/2020 3:24 AM	-0.5	1.1	---	-0.4	-0.2
11/18/2020 3:30 AM	-0.5	1.1	---	-0.4	-0.2
11/18/2020 3:36 AM	-0.5	1.2	---	-0.4	-0.1
11/18/2020 3:42 AM	-0.4	1.2	---	-0.4	-0.1
11/18/2020 3:48 AM	-0.4	1.2	---	-0.4	-0.2
11/18/2020 3:54 AM	-0.4	1.2	---	-0.4	-0.2
11/18/2020 4:00 AM	-0.4	1.2	---	-0.4	-0.2
11/18/2020 4:06 AM	-0.5	1.2	---	-0.4	-0.1
11/18/2020 4:12 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 4:18 AM	-0.5	1.1	---	-0.4	-0.1
11/18/2020 4:24 AM	-0.5	1.0	---	-0.4	-0.1
11/18/2020 4:30 AM	-0.5	1.0	---	-0.4	-0.2
11/18/2020 4:36 AM	-0.5	0.9	---	-0.4	-0.2
11/18/2020 4:42 AM	-0.5	0.8	---	-0.4	-0.1
11/18/2020 4:48 AM	-0.5	0.8	---	-0.4	-0.1
11/18/2020 4:54 AM	-0.5	0.7	---	-0.4	-0.2
11/18/2020 5:00 AM	-0.5	0.7	---	-0.3	-0.2
11/18/2020 5:06 AM	-0.5	0.6	---	-0.3	-0.1
11/18/2020 5:12 AM	-0.5	0.6	---	-0.3	-0.2
11/18/2020 5:18 AM	-0.5	0.6	---	-0.3	-0.2
11/18/2020 5:24 AM	-0.5	0.6	---	-0.4	-0.2
11/18/2020 5:30 AM	-0.5	0.6	---	-0.3	-0.2
11/18/2020 5:36 AM	-0.5	0.5	---	-0.3	-0.2
11/18/2020 5:42 AM	-0.5	0.5	---	-0.3	-0.1
11/18/2020 5:48 AM	-0.5	0.5	---	-0.3	-0.1
11/18/2020 5:54 AM	-0.5	0.5	---	-0.3	-0.1
11/18/2020 6:00 AM	-0.6	0.5	---	-0.3	-0.2
11/18/2020 6:06 AM	-0.6	0.6	---	-0.3	-0.2
11/18/2020 6:12 AM	-0.6	0.6	---	-0.3	-0.2
11/18/2020 6:18 AM	-0.5	0.6	---	-0.3	-0.2
11/18/2020 6:24 AM	-0.5	0.5	---	-0.3	-0.2
11/18/2020 6:30 AM	-0.6	0.5	---	-0.3	-0.2
11/18/2020 6:36 AM	-0.6	0.4	---	-0.3	-0.2
11/18/2020 6:42 AM	-0.6	0.4	---	-0.3	-0.2
11/18/2020 6:48 AM	-0.6	0.5	---	-0.3	-0.2
11/18/2020 6:54 AM	-0.6	0.5	---	-0.3	-0.2
11/18/2020 7:00 AM	-0.6	0.5	---	-0.3	-0.2
11/18/2020 7:06 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 7:12 AM	-0.6	0.4	---	-0.3	-0.2
11/18/2020 7:18 AM	-0.6	0.4	---	-0.4	-0.2
11/18/2020 7:24 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 7:30 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 7:36 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 7:42 AM	-0.6	0.4	---	-0.4	-0.2
11/18/2020 7:48 AM	-0.6	0.3	---	-0.4	-0.2
11/18/2020 7:54 AM	-0.6	0.1	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/18/2020 8:00 AM	-0.6	0.0	---	-0.4	-0.1
11/18/2020 8:06 AM	-0.6	-0.1	---	-0.4	-0.2
11/18/2020 8:12 AM	-0.6	-0.1	---	-0.4	-0.2
11/18/2020 8:18 AM	-0.6	-0.1	---	-0.4	-0.2
11/18/2020 8:24 AM	-0.6	-0.1	---	-0.3	-0.2
11/18/2020 8:30 AM	-0.6	0.0	---	-0.3	-0.2
11/18/2020 8:36 AM	-0.6	0.1	---	-0.3	-0.2
11/18/2020 8:42 AM	-0.6	0.2	---	-0.3	-0.2
11/18/2020 8:48 AM	-0.6	0.3	---	-0.4	-0.2
11/18/2020 8:54 AM	-0.6	0.3	---	-0.4	-0.2
11/18/2020 9:00 AM	-0.6	0.3	---	-0.4	-0.2
11/18/2020 9:06 AM	-0.6	0.4	---	-0.4	-0.2
11/18/2020 9:12 AM	-0.6	0.4	---	-0.4	-0.2
11/18/2020 9:18 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 9:24 AM	-0.6	0.7	---	-0.4	-0.2
11/18/2020 9:30 AM	-0.6	0.7	---	-0.4	-0.2
11/18/2020 9:36 AM	-0.5	0.8	---	-0.4	-0.2
11/18/2020 9:42 AM	-0.5	0.8	---	-0.4	-0.2
11/18/2020 9:48 AM	-0.5	0.8	---	-0.4	-0.2
11/18/2020 9:54 AM	-0.5	0.8	---	-0.4	-0.2
11/18/2020 10:00 AM	-0.5	0.7	---	-0.4	-0.2
11/18/2020 10:06 AM	-0.5	0.7	---	-0.4	-0.2
11/18/2020 10:12 AM	-0.5	0.7	---	-0.4	-0.2
11/18/2020 10:18 AM	-0.5	0.6	---	-0.4	-0.2
11/18/2020 10:24 AM	-0.5	0.5	---	-0.4	-0.2
11/18/2020 10:30 AM	-0.5	0.5	---	-0.4	-0.2
11/18/2020 10:36 AM	-0.6	0.5	---	-0.4	-0.2
11/18/2020 10:42 AM	-0.5	0.6	---	-0.4	-0.2
11/18/2020 10:48 AM	-0.5	0.6	---	-0.4	-0.2
11/18/2020 10:54 AM	-0.5	0.6	---	-0.4	-0.2
11/18/2020 11:00 AM	-0.5	0.7	---	-0.4	-0.2
11/18/2020 11:06 AM	-0.5	0.7	---	-0.4	5.2
11/18/2020 11:12 AM	-0.5	0.7	---	-0.4	7.5
11/18/2020 11:18 AM	-0.5	0.7	---	-0.4	4.9
11/18/2020 11:24 AM	-0.5	0.7	---	-0.4	4.3
11/18/2020 11:30 AM	-0.5	0.7	---	-0.4	4.5
11/18/2020 11:36 AM	-0.5	0.7	---	-0.4	4.4
11/18/2020 11:42 AM	-0.5	0.7	---	-0.4	4.1
11/18/2020 11:48 AM	-0.5	0.6	---	-0.4	3.3
11/18/2020 11:54 AM	-0.5	0.5	---	-0.3	2.8
11/18/2020 12:00 PM	-0.4	0.4	---	-0.3	2.6
11/18/2020 12:06 PM	-0.1	0.3	---	-0.3	2.4
11/18/2020 12:12 PM	0.0	0.2	---	-0.3	2.4
11/18/2020 12:18 PM	-0.1	0.2	---	-0.3	2.2
11/18/2020 12:24 PM	-0.1	0.1	---	-0.3	2.1
11/18/2020 12:30 PM	0.0	-0.1	---	-0.3	2.0
11/18/2020 12:36 PM	0.0	-0.1	---	-0.3	2.0
11/18/2020 12:42 PM	0.0	-0.2	---	-0.3	2.0
11/18/2020 12:48 PM	0.0	-0.1	---	-0.3	2.0
11/18/2020 12:54 PM	0.0	-0.1	---	-0.3	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/18/2020 1:00 PM	0.0	0.0	---	-0.3	2.0
11/18/2020 1:06 PM	0.0	0.0	---	-0.3	2.0
11/18/2020 1:12 PM	0.0	0.1	---	-0.3	2.0
11/18/2020 1:18 PM	0.0	0.3	---	-0.3	2.0
11/18/2020 1:24 PM	0.0	0.4	---	-0.3	2.0
11/18/2020 1:30 PM	0.0	0.6	---	-0.3	2.0
11/18/2020 1:36 PM	0.0	0.7	---	-0.3	2.0
11/18/2020 1:42 PM	0.0	0.8	---	-0.3	2.0
11/18/2020 1:48 PM	0.0	0.7	---	-0.3	2.0
11/18/2020 1:54 PM	0.0	0.6	---	-0.3	1.9
11/18/2020 2:00 PM	-0.1	0.5	---	-0.3	1.9
11/18/2020 2:06 PM	-0.1	0.5	---	-0.3	2.0
11/18/2020 2:12 PM	0.0	0.5	---	-0.3	2.0
11/18/2020 2:18 PM	-0.1	0.5	---	-0.3	1.9
11/18/2020 2:24 PM	-0.1	0.4	---	-0.3	1.9
11/18/2020 2:30 PM	-0.1	0.3	---	-0.3	2.0
11/18/2020 2:36 PM	0.0	0.3	---	-0.3	1.9
11/18/2020 2:42 PM	0.0	0.3	---	-0.3	2.0
11/18/2020 2:48 PM	-0.1	0.3	---	-0.3	1.9
11/18/2020 2:54 PM	0.0	0.3	---	-0.3	1.9
11/18/2020 3:00 PM	0.0	0.3	---	-0.3	2.0
11/18/2020 3:06 PM	0.0	0.3	---	-0.3	2.0
11/18/2020 3:12 PM	-0.1	0.4	---	-0.3	1.9
11/18/2020 3:18 PM	0.0	0.6	---	-0.3	2.0
11/18/2020 3:24 PM	0.0	0.8	---	-0.3	2.0
11/18/2020 3:30 PM	0.0	0.9	---	-0.3	2.0
11/18/2020 3:36 PM	0.0	1.0	---	-0.3	2.0
11/18/2020 3:42 PM	0.0	1.1	---	-0.3	2.0
11/18/2020 3:48 PM	0.0	1.2	---	-0.3	2.0
11/18/2020 3:54 PM	0.0	1.2	---	-0.3	2.0
11/18/2020 4:00 PM	0.0	1.2	---	-0.3	2.0
11/18/2020 4:06 PM	0.0	1.2	---	-0.3	2.0
11/18/2020 4:12 PM	0.0	1.1	---	-0.3	2.0
11/18/2020 4:18 PM	0.0	1.1	---	-0.3	2.0
11/18/2020 4:24 PM	-0.1	1.1	---	-0.3	2.0
11/18/2020 4:30 PM	-0.1	1.2	---	-0.3	2.0
11/18/2020 4:36 PM	-0.1	1.3	---	-0.3	1.9
11/18/2020 4:42 PM	-0.1	1.3	---	-0.3	1.9
11/18/2020 4:48 PM	-0.1	1.3	---	-0.3	1.9
11/18/2020 4:54 PM	-0.1	1.3	---	-0.3	2.0
11/18/2020 5:00 PM	-0.1	1.3	---	-0.3	1.9
11/18/2020 5:06 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:12 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:18 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:24 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:30 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:36 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:42 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 5:48 PM	-0.1	1.4	---	-0.3	1.8
11/18/2020 5:54 PM	-0.1	1.4	---	-0.3	1.9

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/18/2020 6:00 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 6:06 PM	-0.1	1.4	---	-0.3	1.8
11/18/2020 6:12 PM	-0.1	1.4	---	-0.3	1.9
11/18/2020 6:18 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:24 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:30 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:36 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:42 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:48 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 6:54 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:00 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:06 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:12 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:18 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:24 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:30 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:36 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:42 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:48 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 7:54 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 8:00 PM	-0.2	1.5	---	-0.3	1.9
11/18/2020 8:06 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 8:12 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 8:18 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 8:24 PM	-0.2	1.5	---	-0.3	1.9
11/18/2020 8:30 PM	-0.2	1.5	---	-0.3	1.9
11/18/2020 8:36 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 8:42 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 8:48 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 8:54 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 9:00 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 9:06 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 9:12 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 9:18 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 9:24 PM	-0.2	1.6	---	-0.3	1.9
11/18/2020 9:30 PM	-0.2	1.5	---	-0.3	1.9
11/18/2020 9:36 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 9:42 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 9:48 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 9:54 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:00 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:06 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:12 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:18 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:24 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:30 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 10:36 PM	-0.1	1.5	---	-0.3	1.9
11/18/2020 10:42 PM	-0.1	1.6	---	-0.3	1.8
11/18/2020 10:48 PM	-0.1	1.6	---	-0.3	1.8
11/18/2020 10:54 PM	-0.1	1.6	---	-0.3	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/18/2020 11:00 PM	-0.2	1.6	---	-0.3	1.9
11/18/2020 11:06 PM	-0.1	1.6	---	-0.3	1.9
11/18/2020 11:12 PM	-0.1	1.6	---	-0.3	1.8
11/18/2020 11:18 PM	-0.2	1.6	---	-0.3	1.8
11/18/2020 11:24 PM	-0.1	1.5	---	-0.3	1.8
11/18/2020 11:30 PM	-0.1	1.5	---	-0.3	1.8
11/18/2020 11:36 PM	-0.2	1.5	---	-0.3	1.8
11/18/2020 11:42 PM	-0.2	1.6	---	-0.3	1.9
11/18/2020 11:48 PM	-0.2	1.5	---	-0.3	1.9
11/18/2020 11:54 PM	-0.1	1.5	---	-0.3	1.9
11/19/2020 12:00 AM	-0.1	1.5	---	-0.3	1.9
11/19/2020 12:06 AM	-0.1	1.6	---	-0.3	1.9
11/19/2020 12:12 AM	-0.1	1.6	---	-0.3	1.9
11/19/2020 12:18 AM	-0.1	1.6	---	-0.3	1.9
11/19/2020 12:24 AM	-0.1	1.6	---	-0.3	1.9
11/19/2020 12:30 AM	-0.1	1.6	---	-0.3	1.9
11/19/2020 12:36 AM	-0.2	1.6	---	-0.3	1.9
11/19/2020 12:42 AM	-0.1	1.6	---	-0.3	1.6
11/19/2020 12:48 AM	-0.1	1.6	---	-0.3	0.5
11/19/2020 12:54 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 1:00 AM	-0.1	1.6	---	-0.3	-0.2
11/19/2020 1:06 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 1:12 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 1:18 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 1:24 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 1:30 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 1:36 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 1:42 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 1:48 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 1:54 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:00 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:06 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:12 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:18 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:24 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 2:30 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 2:36 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 2:42 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 2:48 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 2:54 AM	-0.2	1.6	---	-0.3	-0.3
11/19/2020 3:00 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 3:06 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 3:12 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:18 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:24 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:30 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:36 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:42 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:48 AM	-0.2	1.7	---	-0.3	-0.2
11/19/2020 3:54 AM	-0.2	1.6	---	-0.3	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/19/2020 4:00 AM	-0.2	1.6	---	-0.3	-0.2
11/19/2020 4:06 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 4:12 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 4:18 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 4:24 AM	-0.2	1.5	---	-0.3	-0.2
11/19/2020 4:30 AM	-0.2	1.4	---	-0.3	-0.2
11/19/2020 4:36 AM	-0.2	1.4	---	-0.3	-0.2
11/19/2020 4:42 AM	-0.2	1.4	---	-0.3	-0.2
11/19/2020 4:48 AM	-0.2	1.3	---	-0.3	-0.2
11/19/2020 4:54 AM	-0.2	1.3	---	-0.3	-0.2
11/19/2020 5:00 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:06 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:12 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:18 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:24 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:30 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 5:36 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 5:42 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 5:48 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 5:54 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:00 AM	-0.2	1.1	---	-0.3	-0.3
11/19/2020 6:06 AM	-0.2	1.1	---	-0.3	-0.3
11/19/2020 6:12 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:18 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:24 AM	-0.2	1.1	---	-0.3	-0.3
11/19/2020 6:30 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:36 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:42 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:48 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 6:54 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 7:00 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 7:06 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 7:12 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 7:18 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 7:24 AM	-0.2	1.3	---	-0.3	-0.2
11/19/2020 7:30 AM	-0.2	1.3	---	-0.3	-0.2
11/19/2020 7:36 AM	-0.2	1.3	---	-0.3	-0.2
11/19/2020 7:42 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 7:48 AM	-0.2	1.0	---	-0.3	-0.3
11/19/2020 7:54 AM	-0.2	0.9	---	-0.3	-0.2
11/19/2020 8:00 AM	-0.2	0.8	---	-0.3	-0.2
11/19/2020 8:06 AM	-0.2	0.7	---	-0.3	-0.2
11/19/2020 8:12 AM	-0.2	0.8	---	-0.3	-0.2
11/19/2020 8:18 AM	-0.2	0.9	---	-0.3	-0.2
11/19/2020 8:24 AM	-0.2	1.0	---	-0.3	-0.2
11/19/2020 8:30 AM	-0.2	1.1	---	-0.3	-0.2
11/19/2020 8:36 AM	-0.2	1.2	---	-0.3	-0.2
11/19/2020 8:42 AM	-0.2	1.3	---	-0.4	-0.2
11/19/2020 8:48 AM	-0.2	1.4	---	-0.4	-0.2
11/19/2020 8:54 AM	-0.2	1.5	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/19/2020 9:00 AM	-0.2	1.6	---	-0.4	-0.2
11/19/2020 9:06 AM	-0.2	1.7	---	-0.4	-0.2
11/19/2020 9:12 AM	-0.2	1.7	---	-0.4	-0.2
11/19/2020 9:18 AM	-0.1	1.7	---	-0.4	-0.2
11/19/2020 9:24 AM	-0.1	1.7	---	-0.4	-0.2
11/19/2020 9:30 AM	-0.1	1.6	---	-0.4	-0.2
11/19/2020 9:36 AM	-0.1	1.6	---	-0.4	-0.2
11/19/2020 9:42 AM	-0.1	1.6	---	-0.4	-0.2
11/19/2020 9:48 AM	-0.1	1.6	---	-0.4	-0.2
11/19/2020 9:54 AM	-0.1	1.7	---	-0.4	4.2
11/19/2020 10:00 AM	-0.1	1.8	---	-0.4	11.1
11/19/2020 10:06 AM	3.8	1.8	---	-0.4	8.1
11/19/2020 10:12 AM	6.0	1.7	---	-0.4	4.3
11/19/2020 10:18 AM	3.0	1.7	---	-0.4	3.8
11/19/2020 10:24 AM	2.4	1.8	---	-0.4	4.4
11/19/2020 10:30 AM	2.4	1.8	---	-0.4	4.6
11/19/2020 10:36 AM	1.7	16.0	---	-0.4	3.8
11/19/2020 10:42 AM	0.7	18.8	---	-0.4	3.4
11/19/2020 10:48 AM	0.3	8.1	---	-0.4	3.6
11/19/2020 10:54 AM	0.1	6.1	---	-0.4	3.2
11/19/2020 11:00 AM	0.0	4.8	---	-0.4	2.8
11/19/2020 11:06 AM	0.0	4.1	---	-0.4	2.6
11/19/2020 11:12 AM	0.0	3.2	---	-0.4	2.5
11/19/2020 11:18 AM	0.0	2.5	---	-0.4	2.4
11/19/2020 11:24 AM	0.0	2.3	---	-0.4	2.4
11/19/2020 11:30 AM	0.0	2.3	---	-0.4	2.3
11/19/2020 11:36 AM	0.0	3.5	---	-0.4	4.9
11/19/2020 11:42 AM	0.0	5.2	---	-0.4	5.4
11/19/2020 11:48 AM	0.0	3.0	---	-0.4	2.6
11/19/2020 11:54 AM	0.0	1.3	---	-0.4	2.2
11/19/2020 12:00 PM	0.0	0.8	---	-0.4	2.0
11/19/2020 12:06 PM	-0.2	0.5	---	-0.4	2.0
11/19/2020 12:12 PM	-0.2	0.4	---	-0.5	2.0
11/19/2020 12:18 PM	-0.2	0.4	---	-0.5	1.9
11/19/2020 12:24 PM	-0.2	0.3	---	-0.5	1.9
11/19/2020 12:30 PM	-0.2	0.3	---	-0.5	1.9
11/19/2020 12:36 PM	-0.2	0.3	---	-0.5	2.0
11/19/2020 12:42 PM	-0.2	0.3	---	-0.5	1.9
11/19/2020 12:48 PM	-0.1	0.2	---	-0.5	1.9
11/19/2020 12:54 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:00 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:06 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:12 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:18 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:24 PM	-0.1	0.0	---	-0.5	1.9
11/19/2020 1:30 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:36 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:42 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:48 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 1:54 PM	-0.1	0.1	---	-0.5	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/19/2020 2:00 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 2:06 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 2:12 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 2:18 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 2:24 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 2:30 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 2:36 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 2:42 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 2:48 PM	Maintain	Maintain	---	Maintain	Maintain
11/19/2020 2:54 PM	-0.1	<Samp	---	<Samp	<Samp
11/19/2020 3:00 PM	-0.1	0.2	---	-0.5	2.1
11/19/2020 3:06 PM	-0.1	0.2	---	-0.5	2.1
11/19/2020 3:12 PM	-0.1	0.2	---	-0.5	2.1
11/19/2020 3:18 PM	-0.1	0.2	---	-0.5	2.1
11/19/2020 3:24 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 3:30 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 3:36 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 3:42 PM	0.0	0.2	---	-0.5	2.1
11/19/2020 3:48 PM	0.0	0.2	---	-0.5	2.1
11/19/2020 3:54 PM	0.0	0.2	---	-0.5	2.1
11/19/2020 4:00 PM	-0.1	0.2	---	-0.5	2.1
11/19/2020 4:06 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 4:12 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 4:18 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 4:24 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 4:30 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 4:36 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 4:42 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 4:48 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 4:54 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 5:00 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 5:06 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 5:12 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 5:18 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 5:24 PM	0.0	0.2	---	-0.5	2.0
11/19/2020 5:30 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 5:36 PM	-0.1	0.2	---	-0.5	1.9
11/19/2020 5:42 PM	0.0	0.2	---	-0.5	1.8
11/19/2020 5:48 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 5:54 PM	-0.1	0.1	---	-0.5	1.9
11/19/2020 6:00 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 6:06 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 6:12 PM	-0.1	0.1	---	-0.5	2.0
11/19/2020 6:18 PM	-0.1	0.2	---	-0.5	2.0
11/19/2020 6:24 PM	-0.1	0.2	---	-0.4	2.0
11/19/2020 6:30 PM	0.0	0.2	---	-0.4	2.0
11/19/2020 6:36 PM	4.9	0.2	---	-0.4	2.1
11/19/2020 6:42 PM	9.3	0.2	---	-0.4	2.1
11/19/2020 6:48 PM	7.6	0.2	---	-0.4	2.0
11/19/2020 6:54 PM	4.1	0.2	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/19/2020 7:00 PM	3.6	0.2	---	-0.4	2.1
11/19/2020 7:06 PM	4.5	0.2	---	-0.4	2.1
11/19/2020 7:12 PM	3.8	0.2	---	-0.4	2.1
11/19/2020 7:18 PM	3.9	0.2	---	-0.4	2.1
11/19/2020 7:24 PM	3.7	0.2	---	-0.4	2.1
11/19/2020 7:30 PM	3.4	0.2	---	-0.4	2.1
11/19/2020 7:36 PM	2.3	0.2	---	-0.4	2.1
11/19/2020 7:42 PM	1.3	0.2	---	-0.4	2.1
11/19/2020 7:48 PM	0.8	0.2	---	-0.4	2.1
11/19/2020 7:54 PM	0.5	0.2	---	-0.4	2.1
11/19/2020 8:00 PM	0.4	0.2	---	-0.4	2.1
11/19/2020 8:06 PM	0.3	0.2	---	-0.4	2.1
11/19/2020 8:12 PM	0.2	0.2	---	-0.4	2.1
11/19/2020 8:18 PM	0.2	0.2	---	-0.4	2.1
11/19/2020 8:24 PM	0.1	0.2	---	-0.5	2.1
11/19/2020 8:30 PM	0.1	0.1	---	-0.5	2.1
11/19/2020 8:36 PM	0.1	0.1	---	-0.4	2.1
11/19/2020 8:42 PM	0.1	0.1	---	-0.4	2.1
11/19/2020 8:48 PM	0.1	0.2	---	-0.4	2.1
11/19/2020 8:54 PM	0.1	0.2	---	-0.4	2.1
11/19/2020 9:00 PM	0.1	0.2	---	-0.4	2.1
11/19/2020 9:06 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 9:12 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 9:18 PM	0.0	0.2	---	-0.4	2.1
11/19/2020 9:24 PM	0.0	0.2	---	-0.4	2.1
11/19/2020 9:30 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 9:36 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 9:42 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 9:48 PM	0.0	0.1	---	-0.4	2.2
11/19/2020 9:54 PM	0.0	0.1	---	-0.4	2.1
11/19/2020 10:00 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:06 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:12 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:18 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:24 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:30 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:36 PM	0.0	0.1	---	-0.5	2.2
11/19/2020 10:42 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:48 PM	0.0	0.1	---	-0.5	2.1
11/19/2020 10:54 PM	-0.1	0.1	---	-0.5	2.2
11/19/2020 11:00 PM	-0.1	0.1	---	-0.5	2.2
11/19/2020 11:06 PM	0.0	0.1	---	-0.5	2.2
11/19/2020 11:12 PM	0.0	0.1	---	-0.5	2.2
11/19/2020 11:18 PM	0.0	0.1	---	-0.5	2.2
11/19/2020 11:24 PM	-0.1	0.1	---	-0.5	2.2
11/19/2020 11:30 PM	-0.1	0.1	---	-0.5	2.1
11/19/2020 11:36 PM	-0.1	0.1	---	-0.5	2.1
11/19/2020 11:42 PM	-0.1	0.1	---	-0.5	2.1
11/19/2020 11:48 PM	-0.1	0.1	---	-0.5	2.1
11/19/2020 11:54 PM	-0.1	0.1	---	-0.5	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

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Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/20/2020 12:00 AM	-0.1	0.1	---	-0.5	2.0
11/20/2020 12:06 AM	-0.1	0.1	---	-0.5	2.1
11/20/2020 12:12 AM	-0.1	0.1	---	-0.5	2.0
11/20/2020 12:18 AM	-0.1	0.1	---	-0.5	2.0
11/20/2020 12:24 AM	-0.1	0.1	---	-0.5	2.0
11/20/2020 12:30 AM	-0.1	0.1	---	-0.5	2.1
11/20/2020 12:36 AM	-0.1	0.1	---	-0.5	2.1
11/20/2020 12:42 AM	-0.1	0.1	---	-0.5	2.1
11/20/2020 12:48 AM	-0.1	0.1	---	-0.5	2.1
11/20/2020 12:54 AM	-0.1	0.3	---	-0.5	2.0
11/20/2020 1:00 AM	-0.1	0.7	---	-0.5	0.9
11/20/2020 1:06 AM	-0.1	0.4	---	-0.5	-0.1
11/20/2020 1:12 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:18 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:24 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:30 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:36 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:42 AM	-0.1	0.2	---	-0.5	-0.1
11/20/2020 1:48 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 1:54 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:00 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:06 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:12 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:18 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:24 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 2:30 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 2:36 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 2:42 AM	-0.1	0.1	---	-0.4	0.0
11/20/2020 2:48 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 2:54 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 3:00 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 3:06 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 3:12 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 3:18 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 3:24 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 3:30 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 3:36 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 3:42 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 3:48 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 3:54 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:00 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:06 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:12 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:18 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:24 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:30 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:36 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:42 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:48 AM	-0.1	0.0	---	-0.5	-0.1
11/20/2020 4:54 AM	-0.1	0.1	---	-0.5	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/20/2020 5:00 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:06 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:12 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:18 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:24 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:30 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:36 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:42 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:48 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 5:54 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 6:00 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 6:06 AM	-0.1	0.1	---	-0.5	-0.1
11/20/2020 6:12 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 6:18 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 6:24 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 6:30 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 6:36 AM	-0.1	0.0	---	-0.4	-0.1
11/20/2020 6:42 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 6:48 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 6:54 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:00 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:06 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:12 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:18 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:24 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:30 AM	-0.1	0.1	---	-0.4	-0.1
11/20/2020 7:36 AM	-0.1	0.1	---	-0.4	3.8
11/20/2020 7:42 AM	-0.1	-0.2	---	-0.5	8.1
11/20/2020 7:48 AM	-0.1	-0.3	---	-0.5	6.9
11/20/2020 7:54 AM	-0.1	-0.3	---	-0.5	5.8
11/20/2020 8:00 AM	-0.1	-0.5	---	-0.5	5.0
11/20/2020 8:06 AM	-0.1	-0.5	---	-0.5	4.2
11/20/2020 8:12 AM	-0.1	-0.5	---	-0.5	3.5
11/20/2020 8:18 AM	-0.1	-0.5	---	-0.5	3.7
11/20/2020 8:24 AM	-0.1	-0.6	---	-0.5	3.9
11/20/2020 8:30 AM	-0.1	-0.6	---	-0.5	3.3
11/20/2020 8:36 AM	-0.1	-0.6	---	-0.5	3.0
11/20/2020 8:42 AM	-0.1	-0.6	---	-0.5	2.8
11/20/2020 8:48 AM	-0.1	-0.6	---	-0.5	3.6
11/20/2020 8:54 AM	-0.1	-0.6	---	-0.5	4.8
11/20/2020 9:00 AM	-0.1	-0.7	---	-0.5	4.5
11/20/2020 9:06 AM	-0.1	-0.7	---	-0.5	3.9
11/20/2020 9:12 AM	-0.1	-0.6	---	-0.5	3.9
11/20/2020 9:18 AM	-0.1	-0.6	---	-0.5	4.1
11/20/2020 9:24 AM	-0.1	2.1	---	-0.5	3.6
11/20/2020 9:30 AM	-0.1	3.9	---	-0.5	2.2
11/20/2020 9:36 AM	-0.1	1.6	---	-0.5	1.8
11/20/2020 9:42 AM	0.0	0.7	---	-0.5	1.9
11/20/2020 9:48 AM	0.0	0.5	---	-0.5	1.9
11/20/2020 9:54 AM	0.0	0.4	---	-0.5	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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10/1/2020

0:00

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/20/2020 10:00 AM	0.0	0.3	---	-0.5	2.0
11/20/2020 10:06 AM	0.0	0.2	---	-0.5	2.0
11/20/2020 10:12 AM	0.0	0.2	---	-0.5	2.0
11/20/2020 10:18 AM	0.0	0.2	---	-0.5	2.0
11/20/2020 10:24 AM	0.0	0.2	---	-0.5	2.0
11/20/2020 10:30 AM	0.0	0.2	---	-0.5	2.0
11/20/2020 10:36 AM	0.1	0.2	---	-0.5	2.0
11/20/2020 10:42 AM	0.1	0.2	---	-0.5	2.0
11/20/2020 10:48 AM	0.1	0.2	---	-0.5	2.1
11/20/2020 10:54 AM	0.1	0.2	---	-0.5	2.1
11/20/2020 11:00 AM	0.1	0.2	---	-0.5	2.2
11/20/2020 11:06 AM	0.1	0.2	---	-0.5	2.2
11/20/2020 11:12 AM	0.2	0.2	---	-0.5	2.2
11/20/2020 11:18 AM	0.2	0.2	---	-0.5	2.1
11/20/2020 11:24 AM	0.2	0.2	---	-0.5	2.1
11/20/2020 11:30 AM	0.2	0.2	---	-0.5	2.1
11/20/2020 11:36 AM	0.2	0.1	---	-0.5	2.1
11/20/2020 11:42 AM	0.2	0.1	---	-0.5	2.1
11/20/2020 11:48 AM	0.2	0.1	---	-0.5	2.1
11/20/2020 11:54 AM	0.2	0.1	---	-0.5	2.1
11/20/2020 12:00 PM	0.2	0.1	---	-0.5	2.2
11/20/2020 12:06 PM	-0.2	0.1	---	-0.6	2.1
11/20/2020 12:12 PM	-0.2	0.2	---	-0.6	2.2
11/20/2020 12:18 PM	21.2	0.1	---	-0.6	2.2
11/20/2020 12:24 PM	21.8	-0.2	---	-0.6	2.2
11/20/2020 12:30 PM	7.7	-0.5	---	6.0	2.2
11/20/2020 12:36 PM	6.3	-0.4	---	13.4	2.2
11/20/2020 12:42 PM	6.5	-0.4	---	6.7	2.2
11/20/2020 12:48 PM	4.8	-0.5	---	2.2	2.2
11/20/2020 12:54 PM	2.1	-0.5	---	0.8	2.2
11/20/2020 1:00 PM	1.4	-0.6	---	0.1	2.3
11/20/2020 1:06 PM	1.2	-0.6	---	-0.2	2.3
11/20/2020 1:12 PM	1.2	-0.6	---	-0.4	2.3
11/20/2020 1:18 PM	1.1	-0.6	---	-0.5	2.3
11/20/2020 1:24 PM	1.0	-0.6	---	-0.5	2.3
11/20/2020 1:30 PM	1.0	-0.6	---	-0.5	2.2
11/20/2020 1:36 PM	1.0	-0.7	---	-0.5	2.2
11/20/2020 1:42 PM	1.0	-0.7	---	-0.5	2.2
11/20/2020 1:48 PM	0.9	-0.7	---	-0.5	2.2
11/20/2020 1:54 PM	0.9	-0.7	---	-0.5	2.2
11/20/2020 2:00 PM	0.8	-0.8	---	-0.5	2.2
11/20/2020 2:06 PM	0.8	-0.8	---	-0.6	2.2
11/20/2020 2:12 PM	0.7	-0.8	---	-0.6	2.2
11/20/2020 2:18 PM	0.9	-0.8	---	-0.6	2.2
11/20/2020 2:24 PM	1.1	-0.8	---	-0.6	2.2
11/20/2020 2:30 PM	1.2	-0.8	---	-0.6	2.2
11/20/2020 2:36 PM	1.4	-0.7	---	-0.6	2.2
11/20/2020 2:42 PM	1.4	-0.8	---	-0.5	2.2
11/20/2020 2:48 PM	1.4	-0.8	---	-0.5	2.2
11/20/2020 2:54 PM	1.4	-0.8	---	-0.5	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/20/2020 3:00 PM	1.4	-0.7	---	-0.5	2.2
11/20/2020 3:06 PM	1.4	-0.7	---	-0.5	2.2
11/20/2020 3:12 PM	1.3	-0.7	---	-0.5	2.2
11/20/2020 3:18 PM	1.3	-0.7	---	-0.5	2.2
11/20/2020 3:24 PM	1.2	-0.7	---	-0.5	2.2
11/20/2020 3:30 PM	1.1	-0.7	---	-0.5	2.2
11/20/2020 3:36 PM	1.0	-0.7	---	-0.5	2.2
11/20/2020 3:42 PM	0.9	-0.7	---	-0.5	2.2
11/20/2020 3:48 PM	0.9	-0.7	---	-0.5	2.2
11/20/2020 3:54 PM	0.8	-0.7	---	-0.5	2.1
11/20/2020 4:00 PM	0.8	-0.7	---	-0.5	1.9
11/20/2020 4:06 PM	0.7	-0.7	---	-0.5	1.9
11/20/2020 4:12 PM	0.7	-0.7	---	-0.5	1.9
11/20/2020 4:18 PM	0.7	-0.7	---	-0.5	1.9
11/20/2020 4:24 PM	0.7	-0.7	---	-0.5	2.0
11/20/2020 4:30 PM	0.6	-0.7	---	-0.5	2.0
11/20/2020 4:36 PM	0.6	-0.7	---	-0.5	2.0
11/20/2020 4:42 PM	0.6	-0.7	---	-0.5	2.0
11/20/2020 4:48 PM	0.6	-0.7	---	-0.5	2.0
11/20/2020 4:54 PM	0.6	-0.7	---	-0.5	2.0
11/20/2020 5:00 PM	0.6	-0.7	---	10.5	1.9
11/20/2020 5:06 PM	0.6	-0.8	---	12.8	0.7
11/20/2020 5:12 PM	0.6	-0.8	---	5.3	-0.1
11/20/2020 5:18 PM	0.6	-0.7	---	3.7	-0.2
11/20/2020 5:24 PM	0.6	-0.7	---	3.4	-0.2
11/20/2020 5:30 PM	0.6	-0.7	---	2.4	-0.2
11/20/2020 5:36 PM	0.6	-0.7	---	1.4	-0.2
11/20/2020 5:42 PM	0.6	-0.7	---	1.0	-0.2
11/20/2020 5:48 PM	0.6	-0.7	---	0.8	-0.2
11/20/2020 5:54 PM	0.5	-0.7	---	0.6	-0.2
11/20/2020 6:00 PM	0.6	-0.7	---	0.6	-0.2
11/20/2020 6:06 PM	0.6	-0.7	---	0.6	-0.2
11/20/2020 6:12 PM	0.5	-0.7	---	0.7	-0.2
11/20/2020 6:18 PM	0.5	-0.7	---	0.8	-0.2
11/20/2020 6:24 PM	0.5	-0.7	---	0.8	-0.2
11/20/2020 6:30 PM	0.5	-0.7	---	0.8	-0.2
11/20/2020 6:36 PM	0.5	-0.7	---	0.7	-0.2
11/20/2020 6:42 PM	0.5	-0.7	---	0.7	-0.2
11/20/2020 6:48 PM	0.5	-0.7	---	0.7	-0.2
11/20/2020 6:54 PM	0.5	-0.7	---	0.6	-0.2
11/20/2020 7:00 PM	0.5	-0.7	---	0.5	-0.2
11/20/2020 7:06 PM	0.5	-0.7	---	0.5	-0.2
11/20/2020 7:12 PM	0.5	-0.7	---	0.5	-0.2
11/20/2020 7:18 PM	0.5	-0.8	---	0.4	-0.2
11/20/2020 7:24 PM	0.5	-0.7	---	0.3	-0.2
11/20/2020 7:30 PM	0.5	-0.7	---	0.3	-0.2
11/20/2020 7:36 PM	0.5	-0.7	---	0.3	-0.2
11/20/2020 7:42 PM	0.5	-0.7	---	0.2	-0.2
11/20/2020 7:48 PM	0.5	-0.7	---	0.2	-0.2
11/20/2020 7:54 PM	0.5	-0.7	---	0.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/20/2020 8:00 PM	0.5	-0.7	---	0.2	-0.2
11/20/2020 8:06 PM	0.5	-0.7	---	0.2	-0.2
11/20/2020 8:12 PM	0.5	-0.7	---	0.2	-0.2
11/20/2020 8:18 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:24 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:30 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:36 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:42 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:48 PM	0.5	-0.7	---	0.1	-0.2
11/20/2020 8:54 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 9:00 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:06 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:12 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:18 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:24 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:30 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:36 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 9:42 PM	0.5	-0.7	---	0.0	-0.2
11/20/2020 9:48 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 9:54 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 10:00 PM	0.6	-0.6	---	0.0	-0.2
11/20/2020 10:06 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 10:12 PM	0.6	-0.6	---	0.0	-0.2
11/20/2020 10:18 PM	0.6	-0.6	---	0.0	-0.2
11/20/2020 10:24 PM	0.6	-0.6	---	0.0	-0.2
11/20/2020 10:30 PM	0.6	-0.7	---	0.0	-0.2
11/20/2020 10:36 PM	0.6	-0.6	---	0.0	-0.2
11/20/2020 10:42 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 10:48 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 10:54 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:00 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:06 PM	0.5	-0.6	---	0.1	-0.2
11/20/2020 11:12 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:18 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:24 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:30 PM	0.5	-0.6	---	0.0	-0.2
11/20/2020 11:36 PM	0.5	-0.6	---	0.1	-0.2
11/20/2020 11:42 PM	0.7	-0.6	---	-0.2	-0.2
11/20/2020 11:48 PM	0.8	-0.6	---	-0.7	-0.2
11/20/2020 11:54 PM	0.6	-0.6	---	-0.8	-0.2
11/21/2020 12:00 AM	0.5	-0.7	---	-0.8	-0.2
11/21/2020 12:06 AM	0.5	-0.6	---	-0.8	-0.2
11/21/2020 12:12 AM	0.5	-0.6	---	-0.7	-0.2
11/21/2020 12:18 AM	0.5	-0.6	---	-0.7	-0.2
11/21/2020 12:24 AM	0.5	-0.6	---	-0.7	-0.2
11/21/2020 12:30 AM	0.5	-0.6	---	-0.7	-0.2
11/21/2020 12:36 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 12:42 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 12:48 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 12:54 AM	0.4	-0.6	---	-0.7	-0.2

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/21/2020 1:00 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 1:06 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 1:12 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:18 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:24 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:30 AM	0.3	-0.6	---	-0.8	-0.2
11/21/2020 1:36 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:42 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:48 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 1:54 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:00 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:06 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:12 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:18 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:24 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:30 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 2:36 AM	0.3	-0.6	---	-0.8	-0.2
11/21/2020 2:42 AM	0.3	-0.5	---	-0.8	-0.2
11/21/2020 2:48 AM	0.3	-0.6	---	-0.8	-0.2
11/21/2020 2:54 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:00 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:06 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:12 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:18 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:24 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:30 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 3:36 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 3:42 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 3:48 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 3:54 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 4:00 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 4:06 AM	0.4	-0.6	---	-0.7	-0.2
11/21/2020 4:12 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 4:18 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 4:24 AM	0.3	-0.6	---	-0.7	-0.2
11/21/2020 4:30 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 4:36 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 4:42 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 4:48 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 4:54 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:00 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:06 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:12 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:18 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:24 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:30 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:36 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:42 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:48 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 5:54 AM	0.3	-0.5	---	-0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/21/2020 6:00 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:06 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:12 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:18 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:24 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:30 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:36 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:42 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:48 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 6:54 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:00 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:06 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:12 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:18 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:24 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:30 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:36 AM	0.2	-0.5	---	-0.7	-0.2
11/21/2020 7:42 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:48 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 7:54 AM	0.2	-0.5	---	-0.7	-0.2
11/21/2020 8:00 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:06 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:12 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:18 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:24 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:30 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:36 AM	0.3	-0.5	---	-0.7	-0.2
11/21/2020 8:42 AM	0.3	-0.4	---	-0.7	-0.2
11/21/2020 8:48 AM	0.3	-0.4	---	-0.7	-0.2
11/21/2020 8:54 AM	0.3	-0.3	---	-0.7	-0.2
11/21/2020 9:00 AM	0.3	-0.3	---	-0.7	-0.2
11/21/2020 9:06 AM	0.3	-0.3	---	-0.7	-0.2
11/21/2020 9:12 AM	0.4	-0.3	---	-0.7	-0.2
11/21/2020 9:18 AM	0.4	-0.3	---	-0.7	-0.2
11/21/2020 9:24 AM	0.5	-0.3	---	-0.8	-0.2
11/21/2020 9:30 AM	0.5	-0.3	---	-0.7	-0.2
11/21/2020 9:36 AM	0.5	-0.3	---	-0.7	-0.2
11/21/2020 9:42 AM	0.5	-0.3	---	-0.8	-0.2
11/21/2020 9:48 AM	0.5	-0.3	---	-0.8	-0.2
11/21/2020 9:54 AM	0.4	-0.3	---	-0.8	-0.2
11/21/2020 10:00 AM	0.6	-0.3	---	-0.8	-0.2
11/21/2020 10:06 AM	0.7	-0.2	---	-0.8	-0.2
11/21/2020 10:12 AM	0.6	-0.2	---	-0.8	-0.2
11/21/2020 10:18 AM	0.6	-0.2	---	1.4	-0.2
11/21/2020 10:24 AM	0.6	-0.2	---	3.7	-0.1
11/21/2020 10:30 AM	0.5	-0.3	---	1.9	-0.1
11/21/2020 10:36 AM	0.5	-0.3	---	1.1	-0.1
11/21/2020 10:42 AM	0.5	-0.3	---	0.9	-0.1
11/21/2020 10:48 AM	0.6	-0.3	---	0.7	-0.1
11/21/2020 10:54 AM	0.6	-0.3	---	0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/21/2020 11:00 AM	0.7	-0.4	---	0.5	-0.1
11/21/2020 11:06 AM	0.8	-0.4	---	0.5	-0.1
11/21/2020 11:12 AM	0.8	-0.4	---	0.6	-0.1
11/21/2020 11:18 AM	0.9	-0.4	---	0.7	-0.1
11/21/2020 11:24 AM	1.0	-0.4	---	0.7	-0.1
11/21/2020 11:30 AM	1.0	-0.4	---	0.7	-0.1
11/21/2020 11:36 AM	0.8	-0.3	---	0.7	-0.1
11/21/2020 11:42 AM	0.7	-0.3	---	0.7	-0.1
11/21/2020 11:48 AM	0.7	-0.3	---	0.6	-0.1
11/21/2020 11:54 AM	0.7	-0.3	---	0.6	-0.1
11/21/2020 12:00 PM	0.7	-0.3	---	0.6	-0.1
11/21/2020 12:06 PM	0.6	-0.3	---	0.5	-0.1
11/21/2020 12:12 PM	0.6	-0.3	---	0.4	-0.1
11/21/2020 12:18 PM	0.6	-0.4	---	0.4	-0.1
11/21/2020 12:24 PM	0.6	-0.4	---	0.4	-0.1
11/21/2020 12:30 PM	0.6	-0.4	---	0.6	-0.1
11/21/2020 12:36 PM	0.6	-0.4	---	0.7	-0.1
11/21/2020 12:42 PM	0.6	-0.4	---	0.6	-0.1
11/21/2020 12:48 PM	0.6	-0.3	---	0.6	-0.1
11/21/2020 12:54 PM	0.6	-0.3	---	0.6	-0.1
11/21/2020 1:00 PM	0.6	-0.3	---	0.5	-0.1
11/21/2020 1:06 PM	0.6	-0.3	---	0.5	-0.1
11/21/2020 1:12 PM	0.6	-0.4	---	0.5	-0.1
11/21/2020 1:18 PM	0.6	-0.3	---	0.5	-0.1
11/21/2020 1:24 PM	0.6	-0.3	---	0.5	-0.1
11/21/2020 1:30 PM	0.6	-0.2	---	0.4	-0.1
11/21/2020 1:36 PM	0.6	-0.2	---	0.4	-0.1
11/21/2020 1:42 PM	0.5	-0.2	---	0.3	-0.1
11/21/2020 1:48 PM	0.5	-0.1	---	0.3	-0.1
11/21/2020 1:54 PM	0.6	-0.1	---	0.2	-0.1
11/21/2020 2:00 PM	0.6	-0.1	---	0.1	-0.1
11/21/2020 2:06 PM	0.6	-0.1	---	0.1	-0.1
11/21/2020 2:12 PM	0.6	-0.1	---	0.1	-0.1
11/21/2020 2:18 PM	0.6	0.0	---	0.1	-0.1
11/21/2020 2:24 PM	0.6	0.0	---	0.1	-0.1
11/21/2020 2:30 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 2:36 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 2:42 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 2:48 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 2:54 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:00 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:06 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:12 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 3:18 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 3:24 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:30 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:36 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:42 PM	0.5	0.0	---	0.2	-0.1
11/21/2020 3:48 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 3:54 PM	0.5	0.0	---	0.1	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/21/2020 4:00 PM	0.5	0.0	---	0.1	-0.1
11/21/2020 4:06 PM	0.5	0.0	---	0.2	-0.1
11/21/2020 4:12 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:18 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:24 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:30 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:36 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:42 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:48 PM	0.5	0.1	---	0.2	-0.1
11/21/2020 4:54 PM	0.4	0.1	---	0.2	-0.1
11/21/2020 5:00 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 5:06 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 5:12 PM	0.4	0.1	---	0.2	-0.1
11/21/2020 5:18 PM	0.4	0.2	---	0.1	-0.1
11/21/2020 5:24 PM	0.4	0.1	---	0.1	-0.1
11/21/2020 5:30 PM	0.4	0.1	---	0.2	-0.1
11/21/2020 5:36 PM	0.4	0.1	---	0.2	-0.1
11/21/2020 5:42 PM	0.4	0.1	---	0.1	-0.1
11/21/2020 5:48 PM	0.4	0.1	---	0.1	-0.1
11/21/2020 5:54 PM	0.4	0.2	---	0.1	-0.1
11/21/2020 6:00 PM	0.4	0.2	---	0.1	-0.1
11/21/2020 6:06 PM	0.4	0.2	---	0.1	-0.1
11/21/2020 6:12 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 6:18 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 6:24 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 6:30 PM	0.4	0.2	---	0.2	-0.1
11/21/2020 6:36 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 6:42 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 6:48 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 6:54 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 7:00 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 7:06 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 7:12 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 7:18 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 7:24 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 7:30 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 7:36 PM	0.4	0.3	---	0.3	-0.1
11/21/2020 7:42 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 7:48 PM	0.4	0.4	---	0.2	-0.1
11/21/2020 7:54 PM	0.4	0.4	---	0.2	-0.2
11/21/2020 8:00 PM	0.4	0.4	---	0.2	-0.2
11/21/2020 8:06 PM	0.3	0.4	---	0.2	-0.1
11/21/2020 8:12 PM	0.4	0.4	---	0.2	-0.2
11/21/2020 8:18 PM	0.3	0.4	---	0.2	-0.2
11/21/2020 8:24 PM	0.4	0.4	---	0.2	-0.2
11/21/2020 8:30 PM	0.4	0.4	---	0.2	-0.2
11/21/2020 8:36 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 8:42 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 8:48 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 8:54 PM	0.4	0.4	---	0.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/21/2020 9:00 PM	0.3	0.3	---	0.2	-0.2
11/21/2020 9:06 PM	0.4	0.3	---	0.2	-0.2
11/21/2020 9:12 PM	0.4	0.3	---	0.2	-0.1
11/21/2020 9:18 PM	0.3	0.4	---	0.2	-0.2
11/21/2020 9:24 PM	0.3	0.4	---	0.2	-0.2
11/21/2020 9:30 PM	0.3	0.4	---	0.2	-0.1
11/21/2020 9:36 PM	0.3	0.4	---	0.2	-0.2
11/21/2020 9:42 PM	0.1	0.4	---	1.0	-0.2
11/21/2020 9:48 PM	-0.2	0.4	---	1.3	-0.2
11/21/2020 9:54 PM	-0.4	0.4	---	0.8	-0.2
11/21/2020 10:00 PM	-0.5	0.5	---	0.7	-0.2
11/21/2020 10:06 PM	-0.5	0.5	---	0.7	-0.2
11/21/2020 10:12 PM	-0.6	0.6	---	0.6	-0.2
11/21/2020 10:18 PM	-0.6	0.6	---	0.6	-0.2
11/21/2020 10:24 PM	-0.5	0.6	---	0.6	-0.2
11/21/2020 10:30 PM	-0.5	0.6	---	0.6	-0.2
11/21/2020 10:36 PM	-0.6	0.6	---	0.6	-0.2
11/21/2020 10:42 PM	-0.6	0.6	---	0.5	-0.2
11/21/2020 10:48 PM	-0.6	0.6	---	0.5	-0.2
11/21/2020 10:54 PM	-0.6	0.7	---	0.5	-0.2
11/21/2020 11:00 PM	-0.6	0.6	---	0.5	-0.2
11/21/2020 11:06 PM	-0.6	0.6	---	0.5	-0.2
11/21/2020 11:12 PM	-0.6	0.6	---	0.5	-0.2
11/21/2020 11:18 PM	-0.6	0.7	---	0.5	-0.2
11/21/2020 11:24 PM	-0.6	0.7	---	0.5	-0.2
11/21/2020 11:30 PM	-0.6	0.8	---	0.6	-0.2
11/21/2020 11:36 PM	-0.6	0.8	---	0.5	-0.2
11/21/2020 11:42 PM	-0.6	0.8	---	0.5	-0.2
11/21/2020 11:48 PM	-0.6	0.9	---	0.5	-0.2
11/21/2020 11:54 PM	-0.6	0.9	---	0.5	-0.2
11/22/2020 12:00 AM	-0.6	0.9	---	0.5	-0.2
11/22/2020 12:06 AM	-0.7	0.9	---	0.6	-0.2
11/22/2020 12:12 AM	-0.6	0.9	---	0.5	-0.2
11/22/2020 12:18 AM	-0.6	0.9	---	0.5	-0.2
11/22/2020 12:24 AM	-0.7	1.0	---	0.5	-0.2
11/22/2020 12:30 AM	-0.7	0.9	---	0.6	-0.2
11/22/2020 12:36 AM	-0.7	0.9	---	0.6	-0.2
11/22/2020 12:42 AM	-0.7	0.9	---	0.7	-0.2
11/22/2020 12:48 AM	-0.7	0.9	---	0.7	-0.2
11/22/2020 12:54 AM	-0.7	1.0	---	0.7	-0.2
11/22/2020 1:00 AM	-0.7	1.0	---	0.7	-0.2
11/22/2020 1:06 AM	-0.7	1.0	---	0.7	-0.2
11/22/2020 1:12 AM	-0.7	1.0	---	0.7	-0.2
11/22/2020 1:18 AM	-0.7	1.0	---	0.8	-0.2
11/22/2020 1:24 AM	-0.7	1.0	---	0.8	-0.2
11/22/2020 1:30 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 1:36 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 1:42 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 1:48 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 1:54 AM	-0.7	1.1	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/22/2020 2:00 AM	-0.7	1.0	---	0.8	-0.2
11/22/2020 2:06 AM	-0.8	1.0	---	0.8	-0.2
11/22/2020 2:12 AM	-0.7	1.0	---	0.8	-0.2
11/22/2020 2:18 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 2:24 AM	-0.8	1.1	---	0.8	-0.2
11/22/2020 2:30 AM	-0.8	1.2	---	0.8	-0.2
11/22/2020 2:36 AM	-0.7	1.2	---	0.8	-0.2
11/22/2020 2:42 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 2:48 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 2:54 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 3:00 AM	-0.7	1.1	---	0.7	-0.2
11/22/2020 3:06 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 3:12 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 3:18 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 3:24 AM	-0.7	1.1	---	0.8	-0.2
11/22/2020 3:30 AM	-0.7	1.1	---	0.7	-0.2
11/22/2020 3:36 AM	-0.7	1.1	---	0.7	-0.2
11/22/2020 3:42 AM	-0.8	1.1	---	0.7	-0.2
11/22/2020 3:48 AM	-0.7	1.1	---	0.7	-0.2
11/22/2020 3:54 AM	-0.7	1.1	---	0.7	-0.2
11/22/2020 4:00 AM	-0.8	1.1	---	0.7	-0.2
11/22/2020 4:06 AM	-0.8	1.1	---	0.7	-0.2
11/22/2020 4:12 AM	-0.8	1.1	---	0.7	-0.2
11/22/2020 4:18 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 4:24 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 4:30 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 4:36 AM	-0.7	1.2	---	0.8	-0.2
11/22/2020 4:42 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 4:48 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 4:54 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 5:00 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 5:06 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 5:12 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 5:18 AM	-0.7	1.2	---	0.7	-0.2
11/22/2020 5:24 AM	-0.7	1.2	---	0.5	-0.2
11/22/2020 5:30 AM	-0.7	1.2	---	0.5	-0.2
11/22/2020 5:36 AM	-0.7	1.2	---	0.5	-0.2
11/22/2020 5:42 AM	-0.7	1.2	---	0.5	-0.2
11/22/2020 5:48 AM	-0.7	1.2	---	0.5	-0.2
11/22/2020 5:54 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:00 AM	-0.7	1.3	---	0.5	-0.2
11/22/2020 6:06 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:12 AM	-0.7	1.3	---	0.5	-0.2
11/22/2020 6:18 AM	-0.7	1.3	---	0.5	-0.2
11/22/2020 6:24 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:30 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:36 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:42 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:48 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 6:54 AM	-0.7	1.3	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/22/2020 7:00 AM	-0.7	1.3	---	0.6	-0.2
11/22/2020 7:06 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:12 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:18 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:24 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:30 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:36 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:42 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:48 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 7:54 AM	-0.7	1.4	---	0.6	-0.2
11/22/2020 8:00 AM	-0.7	1.5	---	0.6	-0.2
11/22/2020 8:06 AM	-0.7	1.5	---	0.6	-0.2
11/22/2020 8:12 AM	-0.7	1.5	---	0.7	-0.2
11/22/2020 8:18 AM	-0.7	1.5	---	0.7	-0.2
11/22/2020 8:24 AM	-0.7	1.5	---	0.7	-0.2
11/22/2020 8:30 AM	-0.7	1.5	---	0.7	-0.2
11/22/2020 8:36 AM	-0.7	1.5	---	0.7	-0.2
11/22/2020 8:42 AM	-0.6	1.6	---	0.7	-0.2
11/22/2020 8:48 AM	-0.6	1.6	---	0.7	-0.2
11/22/2020 8:54 AM	-0.6	1.6	---	0.7	-0.2
11/22/2020 9:00 AM	-0.6	1.6	---	0.6	-0.2
11/22/2020 9:06 AM	-0.6	1.6	---	0.6	-0.2
11/22/2020 9:12 AM	-0.6	1.6	---	0.7	-0.2
11/22/2020 9:18 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 9:24 AM	-0.6	1.7	---	0.6	-0.2
11/22/2020 9:30 AM	-0.6	1.7	---	0.6	-0.2
11/22/2020 9:36 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 9:42 AM	-0.6	1.7	---	0.8	-0.2
11/22/2020 9:48 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 9:54 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 10:00 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 10:06 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 10:12 AM	-0.6	1.7	---	0.7	-0.2
11/22/2020 10:18 AM	-0.6	1.7	---	0.9	-0.2
11/22/2020 10:24 AM	-0.6	1.7	---	1.1	-0.2
11/22/2020 10:30 AM	-0.6	1.7	---	1.0	-0.2
11/22/2020 10:36 AM	-0.6	1.7	---	1.0	-0.2
11/22/2020 10:42 AM	-0.6	1.7	---	0.9	-0.2
11/22/2020 10:48 AM	3.3	1.7	---	0.8	-0.2
11/22/2020 10:54 AM	2.9	1.7	---	0.5	-0.2
11/22/2020 11:00 AM	1.9	1.7	---	0.3	-0.2
11/22/2020 11:06 AM	0.5	1.7	---	0.3	-0.2
11/22/2020 11:12 AM	-0.4	1.7	---	0.7	-0.2
11/22/2020 11:18 AM	-0.5	1.8	---	0.6	11.5
11/22/2020 11:24 AM	-0.5	1.8	---	0.3	15.9
11/22/2020 11:30 AM	-0.5	1.7	---	0.3	8.5
11/22/2020 11:36 AM	-0.5	1.8	---	0.4	5.3
11/22/2020 11:42 AM	-0.5	1.8	---	0.4	5.1
11/22/2020 11:48 AM	-0.5	1.8	---	0.4	5.4
11/22/2020 11:54 AM	-0.5	1.8	---	0.4	5.3

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/22/2020 12:00 PM	-0.4	1.8	---	0.4	4.7
11/22/2020 12:06 PM	-0.1	1.8	---	0.5	3.6
11/22/2020 12:12 PM	-0.1	1.8	---	0.5	3.3
11/22/2020 12:18 PM	-0.2	1.8	---	0.4	3.0
11/22/2020 12:24 PM	-0.2	1.8	---	0.4	2.8
11/22/2020 12:30 PM	-0.2	1.8	---	0.5	2.7
11/22/2020 12:36 PM	-0.1	1.8	---	0.5	2.6
11/22/2020 12:42 PM	-0.1	1.8	---	0.5	2.6
11/22/2020 12:48 PM	-0.1	1.7	---	0.5	2.5
11/22/2020 12:54 PM	-0.2	1.7	---	0.5	2.5
11/22/2020 1:00 PM	-0.1	1.7	---	0.5	2.4
11/22/2020 1:06 PM	-0.1	1.7	---	0.5	2.4
11/22/2020 1:12 PM	-0.2	1.7	---	0.5	2.4
11/22/2020 1:18 PM	-0.2	1.7	---	0.5	2.4
11/22/2020 1:24 PM	-0.1	1.7	---	0.5	2.4
11/22/2020 1:30 PM	-0.2	1.7	---	0.5	2.3
11/22/2020 1:36 PM	-0.1	1.7	---	0.5	2.3
11/22/2020 1:42 PM	-0.1	1.7	---	0.5	2.3
11/22/2020 1:48 PM	-0.1	1.7	---	0.5	2.3
11/22/2020 1:54 PM	-0.1	1.7	---	0.5	2.3
11/22/2020 2:00 PM	-0.1	1.7	---	0.6	2.3
11/22/2020 2:06 PM	-0.1	1.7	---	0.5	2.2
11/22/2020 2:12 PM	-0.1	1.7	---	0.5	2.3
11/22/2020 2:18 PM	-0.1	1.7	---	0.6	2.3
11/22/2020 2:24 PM	-0.1	1.7	---	0.5	2.2
11/22/2020 2:30 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 2:36 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 2:42 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 2:48 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 2:54 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 3:00 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 3:06 PM	-0.1	1.7	---	0.6	2.1
11/22/2020 3:12 PM	-0.1	1.7	---	0.6	2.1
11/22/2020 3:18 PM	-0.1	1.7	---	0.6	2.1
11/22/2020 3:24 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 3:30 PM	-0.1	1.7	---	0.6	2.1
11/22/2020 3:36 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 3:42 PM	-0.1	1.7	---	0.6	2.2
11/22/2020 3:48 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 3:54 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 4:00 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 4:06 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 4:12 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 4:18 PM	-0.1	1.6	---	0.6	2.1
11/22/2020 4:24 PM	-0.1	1.6	---	0.6	2.1
11/22/2020 4:30 PM	-0.1	1.6	---	0.6	2.1
11/22/2020 4:36 PM	0.0	1.6	---	0.6	2.2
11/22/2020 4:42 PM	-0.1	1.6	---	0.6	2.2
11/22/2020 4:48 PM	0.0	1.6	---	0.6	2.2
11/22/2020 4:54 PM	0.0	1.6	---	0.6	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/22/2020 5:00 PM	0.0	1.7	---	0.6	2.2
11/22/2020 5:06 PM	0.0	1.6	---	0.6	2.2
11/22/2020 5:12 PM	0.0	1.6	---	0.6	2.1
11/22/2020 5:18 PM	0.0	1.6	---	0.6	2.2
11/22/2020 5:24 PM	0.0	1.6	---	0.6	2.2
11/22/2020 5:30 PM	0.0	1.6	---	0.6	2.1
11/22/2020 5:36 PM	0.0	1.6	---	0.6	2.1
11/22/2020 5:42 PM	0.0	1.6	---	0.6	2.1
11/22/2020 5:48 PM	0.0	1.6	---	0.6	2.2
11/22/2020 5:54 PM	0.0	1.7	---	0.6	2.2
11/22/2020 6:00 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:06 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:12 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:18 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:24 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:30 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:36 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:42 PM	0.0	1.6	---	0.6	2.2
11/22/2020 6:48 PM	0.0	1.7	---	0.6	2.2
11/22/2020 6:54 PM	0.0	1.7	---	0.6	2.2
11/22/2020 7:00 PM	0.0	1.7	---	0.6	2.2
11/22/2020 7:06 PM	0.0	1.7	---	0.6	2.2
11/22/2020 7:12 PM	0.0	1.7	---	0.6	2.2
11/22/2020 7:18 PM	0.0	1.7	---	0.6	2.2
11/22/2020 7:24 PM	0.0	1.7	---	0.6	2.1
11/22/2020 7:30 PM	0.0	1.6	---	0.6	2.2
11/22/2020 7:36 PM	0.0	1.6	---	0.6	2.2
11/22/2020 7:42 PM	0.0	1.6	---	0.6	2.2
11/22/2020 7:48 PM	0.0	1.6	---	0.6	2.2
11/22/2020 7:54 PM	0.0	1.6	---	0.6	2.3
11/22/2020 8:00 PM	0.0	1.6	---	0.6	2.3
11/22/2020 8:06 PM	0.0	1.6	---	0.6	2.4
11/22/2020 8:12 PM	0.0	1.6	---	0.6	2.4
11/22/2020 8:18 PM	0.0	1.6	---	0.6	2.4
11/22/2020 8:24 PM	0.0	1.6	---	0.6	2.4
11/22/2020 8:30 PM	0.1	1.5	---	0.6	2.3
11/22/2020 8:36 PM	0.0	1.5	---	0.6	2.3
11/22/2020 8:42 PM	0.0	1.4	---	0.6	2.3
11/22/2020 8:48 PM	0.1	1.4	---	0.6	2.4
11/22/2020 8:54 PM	0.1	1.4	---	0.6	2.4
11/22/2020 9:00 PM	0.1	1.4	---	0.6	2.3
11/22/2020 9:06 PM	0.1	1.4	---	0.6	2.3
11/22/2020 9:12 PM	0.1	1.4	---	0.6	2.4
11/22/2020 9:18 PM	0.1	1.5	---	0.6	2.3
11/22/2020 9:24 PM	0.1	1.5	---	0.6	2.3
11/22/2020 9:30 PM	0.1	1.6	---	0.6	2.3
11/22/2020 9:36 PM	0.1	1.6	---	0.6	2.3
11/22/2020 9:42 PM	0.1	1.6	---	0.6	2.3
11/22/2020 9:48 PM	0.1	1.7	---	0.6	2.3
11/22/2020 9:54 PM	0.1	1.7	---	0.6	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/22/2020 10:00 PM	0.1	1.7	---	0.6	2.4
11/22/2020 10:06 PM	0.1	1.7	---	0.6	2.3
11/22/2020 10:12 PM	0.1	1.7	---	0.6	2.3
11/22/2020 10:18 PM	0.1	1.7	---	0.6	2.3
11/22/2020 10:24 PM	0.1	1.8	---	0.6	2.3
11/22/2020 10:30 PM	0.1	1.8	---	0.6	2.3
11/22/2020 10:36 PM	0.1	1.8	---	0.6	2.3
11/22/2020 10:42 PM	0.1	1.8	---	0.5	2.3
11/22/2020 10:48 PM	0.1	1.8	---	0.5	2.3
11/22/2020 10:54 PM	0.1	1.8	---	0.6	2.3
11/22/2020 11:00 PM	0.1	1.8	---	0.6	2.3
11/22/2020 11:06 PM	0.1	1.8	---	0.6	2.3
11/22/2020 11:12 PM	0.1	1.8	---	0.6	2.3
11/22/2020 11:18 PM	0.1	1.8	---	0.6	2.3
11/22/2020 11:24 PM	0.1	1.8	---	0.3	2.2
11/22/2020 11:30 PM	0.1	1.8	---	0.1	2.3
11/22/2020 11:36 PM	0.1	1.8	---	0.2	2.3
11/22/2020 11:42 PM	0.1	1.8	---	0.2	2.3
11/22/2020 11:48 PM	0.1	1.8	---	0.2	2.3
11/22/2020 11:54 PM	0.1	1.8	---	0.2	2.3
11/23/2020 12:00 AM	0.1	1.8	---	0.2	2.4
11/23/2020 12:06 AM	0.1	1.8	---	0.2	2.3
11/23/2020 12:12 AM	0.1	1.8	---	0.2	2.3
11/23/2020 12:18 AM	0.1	1.8	---	0.2	2.3
11/23/2020 12:24 AM	0.1	1.8	---	0.2	2.3
11/23/2020 12:30 AM	0.2	1.8	---	0.3	2.3
11/23/2020 12:36 AM	0.2	1.8	---	0.3	2.3
11/23/2020 12:42 AM	0.2	1.8	---	0.3	2.3
11/23/2020 12:48 AM	0.2	1.7	---	0.3	2.3
11/23/2020 12:54 AM	0.2	1.7	---	0.4	2.2
11/23/2020 1:00 AM	0.2	1.7	---	0.8	1.3
11/23/2020 1:06 AM	0.2	1.7	---	0.9	0.0
11/23/2020 1:12 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:18 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:24 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:30 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:36 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:42 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:48 AM	0.2	1.7	---	0.7	0.0
11/23/2020 1:54 AM	0.2	1.7	---	0.7	0.0
11/23/2020 2:00 AM	0.2	1.7	---	0.7	0.0
11/23/2020 2:06 AM	0.2	1.7	---	0.7	0.0
11/23/2020 2:12 AM	0.2	1.6	---	0.8	0.1
11/23/2020 2:18 AM	0.2	1.6	---	0.8	0.1
11/23/2020 2:24 AM	0.2	1.6	---	0.8	0.0
11/23/2020 2:30 AM	0.2	1.5	---	0.8	0.0
11/23/2020 2:36 AM	0.2	1.5	---	0.6	0.0
11/23/2020 2:42 AM	0.2	1.5	---	0.4	0.0
11/23/2020 2:48 AM	0.2	1.5	---	0.4	0.0
11/23/2020 2:54 AM	0.2	1.5	---	0.5	0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/23/2020 3:00 AM	0.2	1.5	---	0.5	0.0
11/23/2020 3:06 AM	0.2	1.5	---	0.4	0.1
11/23/2020 3:12 AM	0.2	1.5	---	0.4	0.0
11/23/2020 3:18 AM	0.2	1.4	---	0.5	0.0
11/23/2020 3:24 AM	0.2	1.4	---	0.5	0.0
11/23/2020 3:30 AM	0.2	1.4	---	0.5	0.0
11/23/2020 3:36 AM	0.2	1.4	---	0.5	0.0
11/23/2020 3:42 AM	0.2	1.4	---	0.6	0.0
11/23/2020 3:48 AM	0.2	1.4	---	0.6	0.0
11/23/2020 3:54 AM	0.2	1.3	---	0.6	0.0
11/23/2020 4:00 AM	0.2	1.4	---	0.6	0.0
11/23/2020 4:06 AM	0.2	1.4	---	0.6	0.1
11/23/2020 4:12 AM	0.2	1.4	---	0.6	0.1
11/23/2020 4:18 AM	0.2	1.4	---	0.6	0.1
11/23/2020 4:24 AM	0.2	1.5	---	0.6	0.0
11/23/2020 4:30 AM	0.2	1.6	---	0.6	0.0
11/23/2020 4:36 AM	0.2	1.7	---	0.6	0.1
11/23/2020 4:42 AM	0.3	1.7	---	0.7	0.1
11/23/2020 4:48 AM	0.3	1.7	---	0.7	0.1
11/23/2020 4:54 AM	0.3	1.7	---	0.7	0.1
11/23/2020 5:00 AM	0.2	1.6	---	0.7	0.1
11/23/2020 5:06 AM	0.3	1.6	---	0.8	0.1
11/23/2020 5:12 AM	0.3	1.6	---	1.0	0.1
11/23/2020 5:18 AM	0.3	1.6	---	0.9	0.1
11/23/2020 5:24 AM	0.3	1.7	---	0.9	0.1
11/23/2020 5:30 AM	0.4	1.7	---	0.9	0.2
11/23/2020 5:36 AM	0.4	1.7	---	1.1	0.2
11/23/2020 5:42 AM	0.4	1.7	---	1.2	0.2
11/23/2020 5:48 AM	0.4	1.7	---	1.1	0.2
11/23/2020 5:54 AM	0.4	1.8	---	1.1	0.2
11/23/2020 6:00 AM	0.4	1.8	---	1.1	0.3
11/23/2020 6:06 AM	0.4	1.8	---	1.4	7.9
11/23/2020 6:12 AM	0.4	1.9	---	1.7	12.9
11/23/2020 6:18 AM	0.4	1.9	---	1.6	7.6
11/23/2020 6:24 AM	0.4	1.9	---	1.5	5.9
11/23/2020 6:30 AM	0.4	2.0	---	1.4	5.1
11/23/2020 6:36 AM	0.4	2.1	---	1.5	4.5
11/23/2020 6:42 AM	0.4	2.1	---	1.5	6.4
11/23/2020 6:48 AM	0.4	2.2	---	1.5	8.9
11/23/2020 6:54 AM	0.4	2.1	---	1.6	8.7
11/23/2020 7:00 AM	0.3	2.0	---	1.6	7.9
11/23/2020 7:06 AM	0.2	2.1	---	1.6	7.7
11/23/2020 7:12 AM	0.2	2.0	---	1.4	7.9
11/23/2020 7:18 AM	0.2	2.0	---	1.4	6.2
11/23/2020 7:24 AM	0.2	2.0	---	1.3	4.1
11/23/2020 7:30 AM	0.1	2.0	---	1.0	3.7
11/23/2020 7:36 AM	0.1	2.0	---	0.8	3.0
11/23/2020 7:42 AM	0.1	2.0	---	1.0	4.1
11/23/2020 7:48 AM	0.2	2.0	---	1.0	5.4
11/23/2020 7:54 AM	0.2	2.1	---	0.9	5.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/23/2020 8:00 AM	0.2	2.1	---	0.9	5.1
11/23/2020 8:06 AM	0.2	2.1	---	0.8	3.9
11/23/2020 8:12 AM	0.2	2.1	---	0.9	3.6
11/23/2020 8:18 AM	0.2	2.1	---	1.1	4.8
11/23/2020 8:24 AM	3.8	2.2	---	1.2	5.8
11/23/2020 8:30 AM	6.0	2.2	---	1.2	5.2
11/23/2020 8:36 AM	4.0	2.2	---	1.1	5.4
11/23/2020 8:42 AM	3.9	2.2	---	1.2	5.9
11/23/2020 8:48 AM	3.3	2.1	---	1.3	5.7
11/23/2020 8:54 AM	2.3	2.1	---	1.3	5.7
11/23/2020 9:00 AM	2.0	2.1	---	1.4	5.7
11/23/2020 9:06 AM	1.7	2.1	---	1.4	5.7
11/23/2020 9:12 AM	1.4	2.1	---	1.3	5.6
11/23/2020 9:18 AM	1.3	2.1	---	1.2	5.5
11/23/2020 9:24 AM	1.5	2.1	---	1.2	5.4
11/23/2020 9:30 AM	1.5	1.9	---	1.2	5.2
11/23/2020 9:36 AM	1.3	1.7	---	1.3	4.9
11/23/2020 9:42 AM	1.1	1.6	---	1.3	4.9
11/23/2020 9:48 AM	1.1	1.5	---	1.2	4.7
11/23/2020 9:54 AM	1.0	1.5	---	1.3	4.7
11/23/2020 10:00 AM	1.0	1.5	---	1.3	4.8
11/23/2020 10:06 AM	0.9	1.4	---	1.3	4.7
11/23/2020 10:12 AM	0.8	1.4	---	1.3	4.1
11/23/2020 10:18 AM	0.6	1.4	---	1.2	3.8
11/23/2020 10:24 AM	0.5	1.4	---	1.2	4.0
11/23/2020 10:30 AM	0.4	1.3	---	1.1	4.3
11/23/2020 10:36 AM	0.4	1.3	---	1.0	4.4
11/23/2020 10:42 AM	0.5	1.3	---	1.0	4.2
11/23/2020 10:48 AM	0.5	1.3	---	0.9	4.3
11/23/2020 10:54 AM	0.6	1.1	---	1.0	4.9
11/23/2020 11:00 AM	0.6	1.1	---	1.0	4.9
11/23/2020 11:06 AM	0.6	1.2	---	0.8	4.7
11/23/2020 11:12 AM	0.6	1.2	---	0.7	4.2
11/23/2020 11:18 AM	0.5	1.2	---	0.5	4.2
11/23/2020 11:24 AM	0.2	1.2	---	0.4	4.6
11/23/2020 11:30 AM	0.0	1.1	---	0.7	4.4
11/23/2020 11:36 AM	-0.1	1.1	---	0.9	3.1
11/23/2020 11:42 AM	-0.1	1.0	---	0.9	2.5
11/23/2020 11:48 AM	-0.1	1.0	---	0.9	2.6
11/23/2020 11:54 AM	-0.1	1.0	---	0.9	2.6
11/23/2020 12:00 PM	0.1	0.9	---	0.9	2.6
11/23/2020 12:06 PM	0.6	0.6	---	1.0	2.5
11/23/2020 12:12 PM	0.5	0.6	---	1.0	2.5
11/23/2020 12:18 PM	0.5	0.5	---	1.0	2.6
11/23/2020 12:24 PM	0.5	0.3	---	0.9	2.3
11/23/2020 12:30 PM	0.5	0.2	---	1.0	2.1
11/23/2020 12:36 PM	0.5	0.2	---	0.9	2.2
11/23/2020 12:42 PM	0.5	0.1	---	1.0	2.2
11/23/2020 12:48 PM	0.5	0.1	---	1.0	2.2
11/23/2020 12:54 PM	0.4	0.1	---	1.0	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/23/2020 1:00 PM	0.4	0.1	---	1.0	2.2
11/23/2020 1:06 PM	0.5	0.1	---	1.0	2.2
11/23/2020 1:12 PM	0.5	0.2	---	1.0	2.1
11/23/2020 1:18 PM	0.5	0.3	---	1.0	2.2
11/23/2020 1:24 PM	0.5	0.4	---	1.0	2.2
11/23/2020 1:30 PM	0.4	0.5	---	1.0	2.0
11/23/2020 1:36 PM	0.5	0.6	---	1.0	1.9
11/23/2020 1:42 PM	0.5	0.6	---	1.0	1.9
11/23/2020 1:48 PM	0.5	0.5	---	1.0	1.8
11/23/2020 1:54 PM	0.5	0.5	---	1.0	1.8
11/23/2020 2:00 PM	0.5	0.6	---	1.1	1.8
11/23/2020 2:06 PM	0.5	0.6	---	1.0	1.8
11/23/2020 2:12 PM	0.5	0.5	---	1.0	1.8
11/23/2020 2:18 PM	0.5	0.4	---	0.9	1.8
11/23/2020 2:24 PM	0.5	0.3	---	1.0	1.8
11/23/2020 2:30 PM	0.5	0.2	---	1.0	1.8
11/23/2020 2:36 PM	0.5	0.1	---	1.0	1.8
11/23/2020 2:42 PM	0.4	0.0	---	0.9	1.8
11/23/2020 2:48 PM	0.4	-0.1	---	1.0	1.8
11/23/2020 2:54 PM	0.4	-0.1	---	1.0	1.7
11/23/2020 3:00 PM	0.4	-0.2	---	1.0	1.8
11/23/2020 3:06 PM	0.4	-0.1	---	1.0	1.8
11/23/2020 3:12 PM	0.4	-0.1	---	0.8	1.8
11/23/2020 3:18 PM	0.4	0.0	---	0.5	1.8
11/23/2020 3:24 PM	0.4	0.1	---	0.5	1.8
11/23/2020 3:30 PM	0.4	0.2	---	0.5	1.8
11/23/2020 3:36 PM	0.4	0.2	---	0.5	1.9
11/23/2020 3:42 PM	0.4	0.3	---	0.5	1.9
11/23/2020 3:48 PM	0.4	0.3	---	0.5	1.8
11/23/2020 3:54 PM	0.4	0.3	---	0.5	1.8
11/23/2020 4:00 PM	0.4	0.4	---	0.5	1.9
11/23/2020 4:06 PM	0.4	0.4	---	0.5	1.9
11/23/2020 4:12 PM	0.4	0.3	---	0.5	1.9
11/23/2020 4:18 PM	0.4	0.4	---	0.6	1.9
11/23/2020 4:24 PM	0.4	0.4	---	0.6	1.9
11/23/2020 4:30 PM	0.3	0.4	---	0.6	1.9
11/23/2020 4:36 PM	0.3	0.4	---	0.6	1.9
11/23/2020 4:42 PM	0.3	0.4	---	0.6	1.9
11/23/2020 4:48 PM	0.3	0.4	---	0.6	1.9
11/23/2020 4:54 PM	0.4	0.4	---	0.6	1.9
11/23/2020 5:00 PM	0.3	0.4	---	0.6	1.9
11/23/2020 5:06 PM	0.3	0.5	---	0.6	1.9
11/23/2020 5:12 PM	0.3	0.5	---	0.6	2.0
11/23/2020 5:18 PM	0.3	0.5	---	0.5	2.0
11/23/2020 5:24 PM	0.3	0.5	---	0.5	1.9
11/23/2020 5:30 PM	0.3	0.6	---	0.6	1.9
11/23/2020 5:36 PM	0.4	0.6	---	0.6	1.9
11/23/2020 5:42 PM	0.3	0.6	---	0.6	1.9
11/23/2020 5:48 PM	0.3	0.6	---	0.6	1.9
11/23/2020 5:54 PM	1.5	0.6	---	0.6	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/23/2020 6:00 PM	2.2	0.7	---	0.6	1.8
11/23/2020 6:06 PM	1.0	0.7	---	0.6	1.8
11/23/2020 6:12 PM	1.5	0.7	---	0.6	1.9
11/23/2020 6:18 PM	1.1	0.7	---	0.6	1.9
11/23/2020 6:24 PM	0.4	0.7	---	0.9	1.9
11/23/2020 6:30 PM	0.4	0.8	---	1.1	1.9
11/23/2020 6:36 PM	0.3	0.8	---	1.0	1.9
11/23/2020 6:42 PM	0.3	0.8	---	1.0	1.9
11/23/2020 6:48 PM	0.3	0.8	---	0.9	1.9
11/23/2020 6:54 PM	0.3	0.8	---	0.9	1.9
11/23/2020 7:00 PM	0.4	0.8	---	0.8	1.9
11/23/2020 7:06 PM	0.3	0.8	---	0.9	1.9
11/23/2020 7:12 PM	0.3	0.8	---	0.9	1.9
11/23/2020 7:18 PM	0.4	0.8	---	0.8	1.8
11/23/2020 7:24 PM	0.3	0.8	---	0.8	1.8
11/23/2020 7:30 PM	0.3	0.8	---	0.9	1.8
11/23/2020 7:36 PM	0.3	0.8	---	0.8	1.8
11/23/2020 7:42 PM	0.4	0.9	---	0.8	1.8
11/23/2020 7:48 PM	0.3	0.9	---	0.8	1.8
11/23/2020 7:54 PM	0.3	0.9	---	0.8	1.8
11/23/2020 8:00 PM	0.3	0.9	---	0.8	1.8
11/23/2020 8:06 PM	2.3	0.9	---	0.8	1.8
11/23/2020 8:12 PM	3.2	0.9	---	0.8	1.8
11/23/2020 8:18 PM	0.6	0.9	---	0.8	1.8
11/23/2020 8:24 PM	0.3	1.0	---	0.7	1.8
11/23/2020 8:30 PM	0.3	1.0	---	0.7	1.8
11/23/2020 8:36 PM	0.3	1.0	---	0.7	1.9
11/23/2020 8:42 PM	0.3	1.0	---	0.7	1.9
11/23/2020 8:48 PM	0.3	1.0	---	0.7	1.9
11/23/2020 8:54 PM	0.3	1.0	---	0.7	1.9
11/23/2020 9:00 PM	0.3	1.0	---	0.8	1.9
11/23/2020 9:06 PM	0.3	1.0	---	0.7	1.9
11/23/2020 9:12 PM	0.3	1.0	---	0.7	1.9
11/23/2020 9:18 PM	0.3	1.0	---	0.7	1.9
11/23/2020 9:24 PM	0.3	1.0	---	0.7	1.8
11/23/2020 9:30 PM	0.3	1.0	---	0.7	1.8
11/23/2020 9:36 PM	0.3	0.9	---	0.7	1.8
11/23/2020 9:42 PM	0.3	0.9	---	0.7	1.8
11/23/2020 9:48 PM	0.3	0.9	---	0.8	1.9
11/23/2020 9:54 PM	0.3	0.9	---	0.7	1.9
11/23/2020 10:00 PM	0.3	0.9	---	0.6	1.9
11/23/2020 10:06 PM	0.3	0.9	---	0.4	2.0
11/23/2020 10:12 PM	0.3	0.9	---	0.5	2.0
11/23/2020 10:18 PM	0.3	0.9	---	0.5	2.0
11/23/2020 10:24 PM	0.3	0.9	---	0.5	2.0
11/23/2020 10:30 PM	0.3	0.9	---	0.5	1.9
11/23/2020 10:36 PM	0.3	0.9	---	0.5	1.9
11/23/2020 10:42 PM	0.3	0.9	---	0.4	1.9
11/23/2020 10:48 PM	0.3	0.9	---	0.4	1.9
11/23/2020 10:54 PM	0.3	0.8	---	0.5	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/23/2020 11:00 PM	0.3	0.8	---	0.5	1.9
11/23/2020 11:06 PM	0.3	0.8	---	0.5	1.9
11/23/2020 11:12 PM	0.3	0.8	---	0.5	2.0
11/23/2020 11:18 PM	0.3	0.8	---	0.5	2.0
11/23/2020 11:24 PM	0.3	0.9	---	0.5	2.0
11/23/2020 11:30 PM	0.3	1.0	---	0.5	1.9
11/23/2020 11:36 PM	0.3	1.0	---	0.5	1.9
11/23/2020 11:42 PM	0.3	1.0	---	0.5	1.9
11/23/2020 11:48 PM	0.3	1.1	---	0.5	1.9
11/23/2020 11:54 PM	0.3	1.1	---	0.5	1.9
11/24/2020 12:00 AM	0.3	1.2	---	0.5	1.9
11/24/2020 12:06 AM	0.3	1.2	---	0.5	1.9
11/24/2020 12:12 AM	0.3	1.2	---	0.5	1.8
11/24/2020 12:18 AM	0.3	1.1	---	0.5	1.8
11/24/2020 12:24 AM	0.3	1.1	---	0.5	1.8
11/24/2020 12:30 AM	0.3	1.1	---	0.5	1.8
11/24/2020 12:36 AM	0.3	1.0	---	0.5	1.8
11/24/2020 12:42 AM	0.3	1.0	---	0.5	1.8
11/24/2020 12:48 AM	0.3	1.0	---	0.5	1.8
11/24/2020 12:54 AM	0.3	1.0	---	0.5	1.8
11/24/2020 1:00 AM	0.3	1.0	---	0.4	1.8
11/24/2020 1:06 AM	0.3	0.9	---	-0.1	1.3
11/24/2020 1:12 AM	0.3	0.9	---	-0.6	0.2
11/24/2020 1:18 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 1:24 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 1:30 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 1:36 AM	0.3	0.9	---	-0.6	-0.3
11/24/2020 1:42 AM	0.3	0.9	---	-0.6	-0.3
11/24/2020 1:48 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 1:54 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:00 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:06 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:12 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:18 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:24 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:30 AM	0.2	1.0	---	-0.6	-0.2
11/24/2020 2:36 AM	0.2	1.0	---	-0.6	-0.3
11/24/2020 2:42 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:48 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 2:54 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 3:00 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 3:06 AM	0.2	0.9	---	-0.6	-0.2
11/24/2020 3:12 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 3:18 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 3:24 AM	0.3	0.9	---	-0.6	-0.3
11/24/2020 3:30 AM	0.3	0.8	---	-0.6	-0.3
11/24/2020 3:36 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 3:42 AM	0.3	0.8	---	-0.6	-0.3
11/24/2020 3:48 AM	0.3	0.8	---	-0.6	-0.3
11/24/2020 3:54 AM	0.3	0.8	---	-0.6	-0.2

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/24/2020 4:00 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 4:06 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 4:12 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 4:18 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 4:24 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 4:30 AM	0.2	1.0	---	-0.6	-0.3
11/24/2020 4:36 AM	0.2	1.0	---	-0.6	-0.2
11/24/2020 4:42 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 4:48 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 4:54 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 5:00 AM	0.3	1.1	---	-0.6	-0.3
11/24/2020 5:06 AM	0.3	1.1	---	-0.6	-0.3
11/24/2020 5:12 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 5:18 AM	0.3	1.1	---	-0.6	-0.3
11/24/2020 5:24 AM	0.3	1.1	---	-0.6	-0.2
11/24/2020 5:30 AM	0.3	1.1	---	-0.6	-0.2
11/24/2020 5:36 AM	0.3	1.1	---	-0.6	-0.3
11/24/2020 5:42 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 5:48 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 5:54 AM	0.2	1.1	---	-0.6	-0.3
11/24/2020 6:00 AM	0.2	1.0	---	-0.6	-0.2
11/24/2020 6:06 AM	0.2	1.0	---	-0.6	-0.3
11/24/2020 6:12 AM	0.2	1.0	---	-0.6	-0.3
11/24/2020 6:18 AM	0.2	1.0	---	-0.6	-0.3
11/24/2020 6:24 AM	0.3	1.0	---	-0.6	-0.3
11/24/2020 6:30 AM	0.3	1.0	---	-0.6	-0.2
11/24/2020 6:36 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 6:42 AM	0.2	0.9	---	-0.6	-0.3
11/24/2020 6:48 AM	0.3	0.8	---	-0.6	-0.3
11/24/2020 6:54 AM	0.3	0.8	---	-0.6	-0.3
11/24/2020 7:00 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 7:06 AM	0.2	0.7	---	-0.6	-0.3
11/24/2020 7:12 AM	0.2	0.7	---	-0.6	-0.2
11/24/2020 7:18 AM	0.2	0.7	---	-0.6	-0.2
11/24/2020 7:24 AM	0.2	0.7	---	-0.6	-0.3
11/24/2020 7:30 AM	0.2	0.7	---	-0.6	-0.3
11/24/2020 7:36 AM	0.2	0.7	---	-0.6	-0.3
11/24/2020 7:42 AM	0.2	0.7	---	-0.6	-0.3
11/24/2020 7:48 AM	0.2	0.6	---	-0.6	-0.3
11/24/2020 7:54 AM	0.2	0.6	---	-0.6	-0.3
11/24/2020 8:00 AM	0.2	0.5	---	-0.6	-0.3
11/24/2020 8:06 AM	0.2	0.5	---	-0.6	-0.3
11/24/2020 8:12 AM	0.2	0.5	---	-0.6	-0.2
11/24/2020 8:18 AM	0.2	0.5	---	-0.6	-0.2
11/24/2020 8:24 AM	0.2	0.6	---	-0.6	-0.2
11/24/2020 8:30 AM	0.2	0.7	---	-0.6	-0.2
11/24/2020 8:36 AM	0.2	0.7	---	-0.6	-0.2
11/24/2020 8:42 AM	0.2	0.8	---	-0.6	-0.2
11/24/2020 8:48 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 8:54 AM	0.2	0.8	---	-0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/24/2020 9:00 AM	0.2	0.8	---	-0.6	-0.2
11/24/2020 9:06 AM	0.2	0.8	---	-0.6	-0.3
11/24/2020 9:12 AM	0.3	0.8	---	-0.6	-0.2
11/24/2020 9:18 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:24 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:30 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:36 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:42 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:48 AM	0.3	0.9	---	-0.6	-0.2
11/24/2020 9:54 AM	0.3	0.8	---	-0.6	-0.2
11/24/2020 10:00 AM	0.3	0.7	---	-0.6	-0.2
11/24/2020 10:06 AM	0.3	0.6	---	-0.6	-0.2
11/24/2020 10:12 AM	0.4	0.6	---	-0.6	-0.2
11/24/2020 10:18 AM	0.4	0.6	---	-0.6	5.7
11/24/2020 10:24 AM	0.4	0.5	---	-0.6	9.0
11/24/2020 10:30 AM	0.4	0.5	---	-0.6	5.3
11/24/2020 10:36 AM	0.4	0.5	---	-0.6	5.1
11/24/2020 10:42 AM	0.4	0.5	---	-0.6	4.9
11/24/2020 10:48 AM	0.4	0.4	---	-0.6	4.3
11/24/2020 10:54 AM	0.4	0.3	---	-0.6	3.6
11/24/2020 11:00 AM	0.4	0.2	---	-0.6	2.9
11/24/2020 11:06 AM	0.4	0.1	---	-0.6	2.6
11/24/2020 11:12 AM	0.4	0.0	---	-0.6	2.4
11/24/2020 11:18 AM	0.4	0.0	---	-0.6	2.2
11/24/2020 11:24 AM	0.4	0.0	---	-0.6	2.1
11/24/2020 11:30 AM	0.4	0.0	---	-0.6	2.1
11/24/2020 11:36 AM	0.5	0.1	---	-0.6	2.0
11/24/2020 11:42 AM	0.5	0.1	---	-0.6	2.0
11/24/2020 11:48 AM	0.5	0.1	---	-0.6	2.0
11/24/2020 11:54 AM	0.5	0.1	---	-0.6	1.9
11/24/2020 12:00 PM	0.6	0.1	---	-0.6	1.9
11/24/2020 12:06 PM	0.7	0.1	---	-0.5	2.0
11/24/2020 12:12 PM	0.7	0.0	---	-0.5	2.0
11/24/2020 12:18 PM	0.7	0.0	---	-0.5	2.0
11/24/2020 12:24 PM	0.7	0.0	---	-0.5	1.9
11/24/2020 12:30 PM	0.7	0.0	---	-0.5	1.9
11/24/2020 12:36 PM	0.7	-0.1	---	-0.5	1.9
11/24/2020 12:42 PM	0.8	-0.1	---	-0.5	1.9
11/24/2020 12:48 PM	<Samp	<Samp	---	<Samp	<Samp
11/24/2020 12:54 PM	Maintain	Maintain	---	Maintain	Maintain
11/24/2020 1:00 PM	0.7	0.0	---	-0.5	1.9
11/24/2020 1:06 PM	0.7	0.0	---	-0.5	2.0
11/24/2020 1:12 PM	0.7	0.1	---	-0.5	2.0
11/24/2020 1:18 PM	0.7	0.2	---	-0.5	2.0
11/24/2020 1:24 PM	0.7	0.3	---	-0.5	1.9
11/24/2020 1:30 PM	0.7	0.4	---	-0.5	1.9
11/24/2020 1:36 PM	0.7	0.5	---	-0.5	1.9
11/24/2020 1:42 PM	0.7	0.6	---	-0.5	1.9
11/24/2020 1:48 PM	0.7	0.6	---	-0.5	1.9
11/24/2020 1:54 PM	0.7	0.5	---	-0.4	1.9

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/24/2020 2:00 PM	0.7	0.5	---	-0.4	1.9
11/24/2020 2:06 PM	0.7	0.4	---	-0.4	1.9
11/24/2020 2:12 PM	0.7	0.4	---	-0.4	1.9
11/24/2020 2:18 PM	0.7	0.4	---	-0.4	1.9
11/24/2020 2:24 PM	0.7	0.2	---	-0.4	1.9
11/24/2020 2:30 PM	0.7	0.1	---	-0.5	1.9
11/24/2020 2:36 PM	0.7	0.2	---	-0.4	2.0
11/24/2020 2:42 PM	0.7	0.2	---	-0.4	2.0
11/24/2020 2:48 PM	0.7	0.2	---	-0.4	2.0
11/24/2020 2:54 PM	0.7	0.1	---	-0.4	2.0
11/24/2020 3:00 PM	0.7	0.1	---	-0.4	2.0
11/24/2020 3:06 PM	0.7	0.2	---	-0.4	1.9
11/24/2020 3:12 PM	0.7	0.3	---	-0.4	1.9
11/24/2020 3:18 PM	0.7	0.5	---	-0.4	1.9
11/24/2020 3:24 PM	0.7	0.6	---	-0.4	2.0
11/24/2020 3:30 PM	0.7	0.7	---	-0.4	2.0
11/24/2020 3:36 PM	0.7	0.9	---	-0.4	2.0
11/24/2020 3:42 PM	0.7	1.0	---	-0.4	2.0
11/24/2020 3:48 PM	0.7	1.1	---	-0.4	2.0
11/24/2020 3:54 PM	0.7	1.2	---	-0.4	2.0
11/24/2020 4:00 PM	0.7	1.2	---	-0.4	2.0
11/24/2020 4:06 PM	0.7	1.3	---	-0.4	2.0
11/24/2020 4:12 PM	0.7	1.3	---	-0.4	2.0
11/24/2020 4:18 PM	0.7	1.4	---	-0.4	2.0
11/24/2020 4:24 PM	0.7	1.5	---	-0.4	2.0
11/24/2020 4:30 PM	0.6	1.5	---	-0.4	2.0
11/24/2020 4:36 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 4:42 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 4:48 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 4:54 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 5:00 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 5:06 PM	0.6	1.7	---	-0.4	2.0
11/24/2020 5:12 PM	0.6	1.6	---	-0.4	2.0
11/24/2020 5:18 PM	0.6	1.6	---	-0.4	2.1
11/24/2020 5:24 PM	0.6	1.6	---	-0.4	2.1
11/24/2020 5:30 PM	0.6	1.7	---	-0.4	2.1
11/24/2020 5:36 PM	0.6	1.7	---	-0.4	2.1
11/24/2020 5:42 PM	0.6	1.7	---	-0.4	2.0
11/24/2020 5:48 PM	0.6	1.7	---	-0.4	2.0
11/24/2020 5:54 PM	4.6	1.7	---	-0.4	2.0
11/24/2020 6:00 PM	9.6	1.8	---	-0.4	2.0
11/24/2020 6:06 PM	4.2	1.8	---	-0.4	1.9
11/24/2020 6:12 PM	2.3	1.8	---	-0.4	1.9
11/24/2020 6:18 PM	2.5	1.8	---	-0.4	2.0
11/24/2020 6:24 PM	2.2	1.8	---	-0.4	2.0
11/24/2020 6:30 PM	2.0	1.8	---	-0.4	2.0
11/24/2020 6:36 PM	1.8	1.8	---	-0.4	2.0
11/24/2020 6:42 PM	1.6	1.8	---	-0.4	2.0
11/24/2020 6:48 PM	1.4	1.8	---	-0.4	2.1
11/24/2020 6:54 PM	1.2	1.8	---	-0.4	2.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/24/2020 7:00 PM	1.1	1.9	---	-0.4	2.0
11/24/2020 7:06 PM	1.0	1.9	---	-0.4	2.0
11/24/2020 7:12 PM	0.9	1.9	---	-0.4	2.0
11/24/2020 7:18 PM	0.9	1.9	---	-0.4	2.0
11/24/2020 7:24 PM	0.8	1.9	---	-0.4	2.0
11/24/2020 7:30 PM	0.8	1.9	---	-0.4	2.0
11/24/2020 7:36 PM	0.7	1.9	---	-0.4	1.9
11/24/2020 7:42 PM	0.7	1.9	---	-0.4	2.0
11/24/2020 7:48 PM	0.7	1.9	---	-0.4	2.0
11/24/2020 7:54 PM	0.7	1.9	---	-0.4	2.1
11/24/2020 8:00 PM	0.6	1.9	---	-0.4	2.1
11/24/2020 8:06 PM	0.6	1.9	---	-0.4	2.0
11/24/2020 8:12 PM	0.6	1.9	---	-0.4	2.0
11/24/2020 8:18 PM	0.6	1.9	---	-0.4	2.0
11/24/2020 8:24 PM	0.6	1.9	---	-0.4	2.1
11/24/2020 8:30 PM	0.6	1.9	---	-0.4	2.0
11/24/2020 8:36 PM	0.6	2.0	---	-0.4	2.0
11/24/2020 8:42 PM	0.6	2.0	---	-0.3	2.1
11/24/2020 8:48 PM	0.6	2.0	---	-0.3	2.1
11/24/2020 8:54 PM	0.5	2.1	---	-0.4	2.2
11/24/2020 9:00 PM	0.5	2.1	---	-0.4	2.2
11/24/2020 9:06 PM	0.5	2.1	---	-0.4	2.2
11/24/2020 9:12 PM	0.5	2.2	---	-0.4	2.2
11/24/2020 9:18 PM	0.5	2.3	---	-0.4	2.2
11/24/2020 9:24 PM	0.5	2.4	---	-0.4	2.2
11/24/2020 9:30 PM	0.5	2.4	---	-0.4	2.1
11/24/2020 9:36 PM	0.5	2.4	---	-0.4	2.1
11/24/2020 9:42 PM	0.5	2.5	---	-0.4	2.0
11/24/2020 9:48 PM	0.5	2.5	---	-0.4	2.1
11/24/2020 9:54 PM	0.5	2.5	---	-0.4	2.1
11/24/2020 10:00 PM	0.5	2.6	---	-0.4	2.0
11/24/2020 10:06 PM	0.5	2.6	---	-0.4	2.0
11/24/2020 10:12 PM	0.5	2.6	---	-0.4	2.0
11/24/2020 10:18 PM	0.5	2.6	---	-0.4	2.0
11/24/2020 10:24 PM	0.5	2.6	---	-0.4	2.0
11/24/2020 10:30 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 10:36 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 10:42 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 10:48 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 10:54 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:00 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:06 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:12 PM	0.5	2.7	---	-0.4	1.9
11/24/2020 11:18 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:24 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:30 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:36 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:42 PM	0.5	2.7	---	-0.4	2.0
11/24/2020 11:48 PM	0.5	2.7	---	-0.4	1.9
11/24/2020 11:54 PM	0.5	2.7	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/25/2020 12:00 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:06 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:12 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:18 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:24 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:30 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 12:36 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 12:42 AM	0.5	2.7	---	-0.4	2.4
11/25/2020 12:48 AM	0.5	2.7	---	-0.4	2.4
11/25/2020 12:54 AM	0.5	2.7	---	-0.4	2.3
11/25/2020 1:00 AM	0.5	2.7	---	-0.4	2.3
11/25/2020 1:06 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:12 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:18 AM	0.5	2.7	---	-0.4	2.3
11/25/2020 1:24 AM	0.5	2.7	---	-0.4	2.3
11/25/2020 1:30 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:36 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:42 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:48 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 1:54 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:00 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:06 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:12 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 2:18 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 2:24 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 2:30 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 2:36 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:42 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:48 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 2:54 AM	0.5	2.7	---	-0.4	2.2
11/25/2020 3:00 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 3:06 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 3:12 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 3:18 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 3:24 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 3:30 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 3:36 AM	0.5	2.7	---	-0.4	1.9
11/25/2020 3:42 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 3:48 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 3:54 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:00 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:06 AM	0.5	2.7	---	-0.4	2.0
11/25/2020 4:12 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:18 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:24 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:30 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:36 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:42 AM	0.5	2.7	---	-0.4	2.1
11/25/2020 4:48 AM	0.5	2.6	---	-0.4	2.1
11/25/2020 4:54 AM	0.5	2.6	---	-0.4	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/25/2020 5:00 AM	0.5	2.6	---	-0.4	2.0
11/25/2020 5:06 AM	0.5	2.5	---	-0.4	2.0
11/25/2020 5:12 AM	0.5	2.5	---	-0.4	2.0
11/25/2020 5:18 AM	0.5	2.4	---	-0.4	2.0
11/25/2020 5:24 AM	0.5	2.3	---	-0.4	2.0
11/25/2020 5:30 AM	0.5	2.2	---	-0.4	2.0
11/25/2020 5:36 AM	0.5	2.2	---	-0.4	2.1
11/25/2020 5:42 AM	0.5	2.2	---	-0.4	2.1
11/25/2020 5:48 AM	0.5	2.3	---	-0.4	2.1
11/25/2020 5:54 AM	0.5	2.4	---	-0.4	2.0
11/25/2020 6:00 AM	0.6	2.4	---	-0.4	2.0
11/25/2020 6:06 AM	0.6	2.4	---	-0.4	2.0
11/25/2020 6:12 AM	0.6	2.4	---	-0.4	2.0
11/25/2020 6:18 AM	0.6	2.4	---	-0.4	2.0
11/25/2020 6:24 AM	0.6	2.4	---	-0.4	2.1
11/25/2020 6:30 AM	0.6	2.4	---	-0.4	2.1
11/25/2020 6:36 AM	0.6	2.4	---	-0.4	2.1
11/25/2020 6:42 AM	0.6	2.3	---	-0.4	2.1
11/25/2020 6:48 AM	0.6	2.3	---	-0.4	2.1
11/25/2020 6:54 AM	0.6	2.3	---	-0.4	2.2
11/25/2020 7:00 AM	0.6	2.3	---	-0.4	2.1
11/25/2020 7:06 AM	0.6	2.3	---	-0.4	2.1
11/25/2020 7:12 AM	0.5	2.3	---	-0.4	2.1
11/25/2020 7:18 AM	0.5	2.4	---	-0.4	2.1
11/25/2020 7:24 AM	0.5	2.4	---	-0.4	2.3
11/25/2020 7:30 AM	0.5	2.4	---	-0.4	2.6
11/25/2020 7:36 AM	0.5	2.4	---	-0.4	2.7
11/25/2020 7:42 AM	0.5	2.4	---	-0.4	2.6
11/25/2020 7:48 AM	0.5	2.5	---	-0.4	2.6
11/25/2020 7:54 AM	0.6	2.5	---	-0.4	2.7
11/25/2020 8:00 AM	0.6	2.5	---	-0.4	2.7
11/25/2020 8:06 AM	0.6	2.5	---	-0.4	2.6
11/25/2020 8:12 AM	0.6	2.5	---	-0.4	2.6
11/25/2020 8:18 AM	0.6	2.5	---	-0.4	2.7
11/25/2020 8:24 AM	0.5	2.6	---	-0.4	2.8
11/25/2020 8:30 AM	0.5	2.6	---	-0.4	2.8
11/25/2020 8:36 AM	0.5	2.6	---	-0.4	2.7
11/25/2020 8:42 AM	0.5	2.6	---	-0.4	2.6
11/25/2020 8:48 AM	0.5	2.7	---	-0.4	2.6
11/25/2020 8:54 AM	0.5	2.7	---	-0.4	2.5
11/25/2020 9:00 AM	0.5	14.0	---	-0.4	2.4
11/25/2020 9:06 AM	0.5	17.9	---	-0.4	2.0
11/25/2020 9:12 AM	0.5	7.8	---	-0.4	1.8
11/25/2020 9:18 AM	0.5	6.6	---	-0.4	1.9
11/25/2020 9:24 AM	0.5	5.7	---	-0.4	1.9
11/25/2020 9:30 AM	0.5	3.9	---	-0.4	1.9
11/25/2020 9:36 AM	0.5	3.0	---	-0.4	1.8
11/25/2020 9:42 AM	0.5	2.9	---	-0.4	1.8
11/25/2020 9:48 AM	0.6	3.0	---	-0.4	1.9
11/25/2020 9:54 AM	0.6	2.9	---	-0.4	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/25/2020 10:00 AM	0.6	2.5	---	-0.4	2.0
11/25/2020 10:06 AM	0.6	1.9	---	-0.4	1.9
11/25/2020 10:12 AM	0.6	1.4	---	-0.4	1.9
11/25/2020 10:18 AM	0.6	1.0	---	-0.4	1.9
11/25/2020 10:24 AM	0.6	0.8	---	-0.4	1.9
11/25/2020 10:30 AM	0.6	0.6	---	-0.4	1.9
11/25/2020 10:36 AM	0.6	0.5	---	-0.4	1.9
11/25/2020 10:42 AM	0.6	0.5	---	-0.4	2.0
11/25/2020 10:48 AM	0.6	0.4	---	-0.4	2.0
11/25/2020 10:54 AM	0.6	0.4	---	-0.4	2.0
11/25/2020 11:00 AM	0.6	0.3	---	-0.4	1.9
11/25/2020 11:06 AM	0.6	0.3	---	-0.4	1.9
11/25/2020 11:12 AM	0.6	0.2	---	-0.4	1.9
11/25/2020 11:18 AM	0.6	0.2	---	-0.4	2.0
11/25/2020 11:24 AM	0.6	0.1	---	-0.4	2.0
11/25/2020 11:30 AM	0.6	0.1	---	-0.4	2.0
11/25/2020 11:36 AM	0.6	0.1	---	-0.4	2.0
11/25/2020 11:42 AM	0.7	0.1	---	-0.4	2.1
11/25/2020 11:48 AM	0.7	0.0	---	-0.4	2.0
11/25/2020 11:54 AM	0.7	0.1	---	-0.4	2.0
11/25/2020 12:00 PM	0.7	0.1	---	-0.4	2.0
11/25/2020 12:06 PM	0.6	0.1	---	-0.4	2.1
11/25/2020 12:12 PM	0.6	0.1	---	-0.4	2.0
11/25/2020 12:18 PM	0.6	0.1	---	-0.4	2.0
11/25/2020 12:24 PM	0.6	0.1	---	-0.4	2.0
11/25/2020 12:30 PM	0.6	0.1	---	-0.4	2.1
11/25/2020 12:36 PM	0.6	0.1	---	-0.4	2.1
11/25/2020 12:42 PM	0.6	0.1	---	-0.4	2.1
11/25/2020 12:48 PM	0.6	0.1	---	-0.4	2.2
11/25/2020 12:54 PM	0.6	0.0	---	-0.4	2.2
11/25/2020 1:00 PM	0.6	0.0	---	-0.4	2.2
11/25/2020 1:06 PM	0.6	0.0	---	-0.4	2.2
11/25/2020 1:12 PM	0.6	0.0	---	-0.4	2.1
11/25/2020 1:18 PM	0.6	0.1	---	-0.4	2.1
11/25/2020 1:24 PM	0.6	-0.2	---	-0.4	2.1
11/25/2020 1:30 PM	0.6	-0.4	---	-0.4	1.9
11/25/2020 1:36 PM	0.6	-0.3	---	-0.4	0.7
11/25/2020 1:42 PM	0.6	-0.4	---	-0.4	-0.1
11/25/2020 1:48 PM	0.6	-0.5	---	-0.4	-0.1
11/25/2020 1:54 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:00 PM	0.6	-0.6	---	-0.4	-0.2
11/25/2020 2:06 PM	0.6	-0.6	---	-0.4	-0.2
11/25/2020 2:12 PM	0.6	-0.6	---	-0.4	-0.2
11/25/2020 2:18 PM	0.6	-0.6	---	-0.4	-0.2
11/25/2020 2:24 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:30 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:36 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:42 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:48 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 2:54 PM	0.6	-0.6	---	-0.4	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/25/2020 3:00 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:06 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:12 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:18 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:24 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:30 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:36 PM	0.6	-0.6	---	-0.4	-0.1
11/25/2020 3:42 PM	0.6	-0.6	---	-0.4	-0.2
11/25/2020 3:48 PM	0.6	-0.6	---	-0.4	2.6
11/25/2020 3:54 PM	0.6	-0.6	---	-0.4	5.2
11/25/2020 4:00 PM	0.6	-0.6	---	-0.4	3.6
11/25/2020 4:06 PM	0.6	-0.6	---	-0.4	2.8
11/25/2020 4:12 PM	0.6	-0.6	---	-0.4	2.6
11/25/2020 4:18 PM	0.6	-0.6	---	-0.4	2.5
11/25/2020 4:24 PM	0.6	-0.6	---	-0.4	2.4
11/25/2020 4:30 PM	0.6	-0.6	---	-0.4	2.4
11/25/2020 4:36 PM	0.6	-0.6	---	-0.4	2.4
11/25/2020 4:42 PM	0.6	-0.5	---	-0.4	2.4
11/25/2020 4:48 PM	0.6	-0.5	---	-0.4	2.4
11/25/2020 4:54 PM	0.6	-0.6	---	-0.4	2.3
11/25/2020 5:00 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 5:06 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 5:12 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 5:18 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 5:24 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 5:30 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 5:36 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 5:42 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 5:48 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 5:54 PM	0.6	-0.5	---	-0.4	2.2
11/25/2020 6:00 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:06 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:12 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:18 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:24 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:30 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:36 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:42 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 6:48 PM	0.6	-0.5	---	-0.4	2.4
11/25/2020 6:54 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:00 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:06 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:12 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:18 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:24 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:30 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:36 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 7:42 PM	0.6	-0.5	---	-0.4	2.4
11/25/2020 7:48 PM	0.6	-0.4	---	-0.4	2.3
11/25/2020 7:54 PM	0.6	-0.5	---	-0.4	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/25/2020 8:00 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 8:06 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 8:12 PM	0.6	-0.4	---	-0.4	2.3
11/25/2020 8:18 PM	0.6	-0.4	---	-0.4	2.3
11/25/2020 8:24 PM	0.6	-0.5	---	-0.4	2.3
11/25/2020 8:30 PM	0.6	-0.4	---	-0.4	2.2
11/25/2020 8:36 PM	0.6	-0.4	---	-0.4	2.2
11/25/2020 8:42 PM	0.6	-0.4	---	-0.4	2.2
11/25/2020 8:48 PM	0.6	-0.4	---	-0.4	2.1
11/25/2020 8:54 PM	0.6	-0.4	---	-0.4	2.2
11/25/2020 9:00 PM	0.7	-0.4	---	-0.4	2.2
11/25/2020 9:06 PM	0.7	-0.4	---	-0.4	2.3
11/25/2020 9:12 PM	0.7	-0.4	---	-0.4	2.3
11/25/2020 9:18 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 9:24 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 9:30 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 9:36 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 9:42 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 9:48 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 9:54 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 10:00 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 10:06 PM	0.7	-0.4	---	-0.4	2.3
11/25/2020 10:12 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 10:18 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 10:24 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 10:30 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 10:36 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 10:42 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 10:48 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 10:54 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 11:00 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:06 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:12 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:18 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:24 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 11:30 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 11:36 PM	0.7	-0.4	---	-0.4	2.4
11/25/2020 11:42 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:48 PM	0.7	-0.4	---	-0.4	2.5
11/25/2020 11:54 PM	0.7	-0.4	---	-0.4	2.4
11/26/2020 12:00 AM	0.7	-0.4	---	-0.4	2.4
11/26/2020 12:06 AM	0.7	-0.4	---	-0.4	2.4
11/26/2020 12:12 AM	0.7	-0.4	---	-0.4	2.5
11/26/2020 12:18 AM	0.7	-0.4	---	-0.4	2.6
11/26/2020 12:24 AM	0.7	-0.4	---	-0.4	2.7
11/26/2020 12:30 AM	0.7	-0.4	---	-0.4	2.8
11/26/2020 12:36 AM	0.7	-0.4	---	-0.4	2.8
11/26/2020 12:42 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 12:48 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 12:54 AM	0.7	-0.3	---	-0.4	2.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/26/2020 1:00 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 1:06 AM	0.7	-0.3	---	-0.4	2.5
11/26/2020 1:12 AM	0.7	-0.3	---	-0.4	2.5
11/26/2020 1:18 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 1:24 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 1:30 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 1:36 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 1:42 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 1:48 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 1:54 AM	0.7	-0.3	---	-0.4	2.7
11/26/2020 2:00 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 2:06 AM	0.7	-0.3	---	-0.4	2.6
11/26/2020 2:12 AM	0.7	-0.3	---	-0.4	2.5
11/26/2020 2:18 AM	0.7	-0.3	---	-0.4	2.2
11/26/2020 2:24 AM	0.7	-0.3	---	-0.4	2.2
11/26/2020 2:30 AM	0.7	-0.3	---	-0.4	2.2
11/26/2020 2:36 AM	0.7	-0.3	---	-0.4	2.2
11/26/2020 2:42 AM	0.7	-0.3	---	-0.4	2.3
11/26/2020 2:48 AM	0.7	-0.3	---	-0.4	2.3
11/26/2020 2:54 AM	0.7	-0.3	---	-0.4	2.3
11/26/2020 3:00 AM	0.7	-0.3	---	-0.4	2.3
11/26/2020 3:06 AM	0.7	-0.3	---	-0.4	2.3
11/26/2020 3:12 AM	0.8	-0.3	---	-0.4	2.2
11/26/2020 3:18 AM	0.8	-0.3	---	-0.3	2.5
11/26/2020 3:24 AM	0.8	-0.3	---	-0.3	2.6
11/26/2020 3:30 AM	0.8	-0.3	---	-0.3	2.4
11/26/2020 3:36 AM	0.9	-0.2	---	-0.3	4.7
11/26/2020 3:42 AM	0.9	-0.2	---	-0.3	7.5
11/26/2020 3:48 AM	0.9	-0.2	---	-0.3	7.6
11/26/2020 3:54 AM	0.9	-0.2	---	-0.3	7.5
11/26/2020 4:00 AM	0.9	-0.2	---	-0.3	7.3
11/26/2020 4:06 AM	0.9	-0.1	---	-0.3	5.8
11/26/2020 4:12 AM	0.9	-0.1	---	-0.3	3.0
11/26/2020 4:18 AM	0.9	-0.2	---	-0.3	1.9
11/26/2020 4:24 AM	0.9	-0.2	---	-0.3	2.1
11/26/2020 4:30 AM	0.9	-0.2	---	-0.3	2.1
11/26/2020 4:36 AM	0.9	-0.2	---	-0.3	2.2
11/26/2020 4:42 AM	0.9	-0.2	---	-0.3	2.2
11/26/2020 4:48 AM	0.8	-0.2	---	-0.3	2.2
11/26/2020 4:54 AM	0.8	-0.2	---	-0.3	2.2
11/26/2020 5:00 AM	0.8	-0.2	---	-0.3	2.2
11/26/2020 5:06 AM	0.8	-0.2	---	-0.3	2.3
11/26/2020 5:12 AM	0.9	-0.2	---	-0.3	2.4
11/26/2020 5:18 AM	0.9	-0.1	---	-0.3	2.7
11/26/2020 5:24 AM	0.9	-0.1	---	-0.3	3.1
11/26/2020 5:30 AM	1.0	-0.1	---	-0.2	3.0
11/26/2020 5:36 AM	1.1	0.0	---	-0.2	3.0
11/26/2020 5:42 AM	1.1	0.0	---	-0.2	4.4
11/26/2020 5:48 AM	1.1	0.1	---	4.0	7.5
11/26/2020 5:54 AM	1.1	0.2	---	9.7	8.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/26/2020 6:00 AM	1.1	0.2	---	7.2	8.2
11/26/2020 6:06 AM	1.1	7.8	---	4.7	7.9
11/26/2020 6:12 AM	1.0	16.1	---	4.0	7.4
11/26/2020 6:18 AM	1.0	9.2	---	3.2	7.0
11/26/2020 6:24 AM	1.0	3.1	---	2.9	6.8
11/26/2020 6:30 AM	1.0	3.0	---	1.8	6.6
11/26/2020 6:36 AM	1.0	4.9	---	1.2	6.4
11/26/2020 6:42 AM	1.0	5.2	---	1.6	6.6
11/26/2020 6:48 AM	1.0	4.2	---	2.7	6.9
11/26/2020 6:54 AM	1.0	3.3	---	2.7	6.2
11/26/2020 7:00 AM	1.0	2.8	---	2.2	6.0
11/26/2020 7:06 AM	1.0	2.8	---	1.8	3.8
11/26/2020 7:12 AM	1.0	2.8	---	1.3	1.7
11/26/2020 7:18 AM	1.0	2.6	---	1.3	1.8
11/26/2020 7:24 AM	1.0	2.2	---	1.2	1.9
11/26/2020 7:30 AM	1.0	1.2	---	1.2	2.0
11/26/2020 7:36 AM	1.0	0.7	---	1.2	2.0
11/26/2020 7:42 AM	1.0	0.2	---	1.2	2.0
11/26/2020 7:48 AM	1.0	-0.1	---	1.1	1.7
11/26/2020 7:54 AM	0.9	-0.1	---	1.1	0.6
11/26/2020 8:00 AM	0.9	-0.2	---	1.1	0.2
11/26/2020 8:06 AM	0.9	-0.3	---	1.1	0.1
11/26/2020 8:12 AM	0.9	-0.3	---	1.1	0.1
11/26/2020 8:18 AM	0.9	-0.3	---	1.1	0.1
11/26/2020 8:24 AM	0.9	-0.3	---	1.1	0.1
11/26/2020 8:30 AM	1.0	-0.3	---	1.1	0.1
11/26/2020 8:36 AM	1.0	-0.3	---	1.0	0.1
11/26/2020 8:42 AM	1.0	-0.3	---	0.9	0.1
11/26/2020 8:48 AM	1.0	-0.4	---	0.9	0.1
11/26/2020 8:54 AM	1.0	-0.4	---	0.9	0.1
11/26/2020 9:00 AM	1.0	-0.4	---	1.0	0.1
11/26/2020 9:06 AM	1.0	-0.4	---	1.0	0.1
11/26/2020 9:12 AM	1.0	-0.4	---	1.1	0.1
11/26/2020 9:18 AM	1.0	-0.4	---	1.1	0.1
11/26/2020 9:24 AM	1.0	-0.4	---	1.0	0.1
11/26/2020 9:30 AM	1.0	-0.4	---	1.3	0.1
11/26/2020 9:36 AM	1.0	-0.4	---	1.5	0.1
11/26/2020 9:42 AM	1.0	-0.4	---	1.4	3.9
11/26/2020 9:48 AM	1.0	-0.4	---	1.3	5.3
11/26/2020 9:54 AM	0.9	-0.4	---	1.3	3.4
11/26/2020 10:00 AM	1.0	-0.4	---	1.3	2.9
11/26/2020 10:06 AM	0.9	-0.4	---	1.3	2.8
11/26/2020 10:12 AM	0.9	-0.4	---	1.3	2.7
11/26/2020 10:18 AM	0.9	-0.4	---	1.3	2.6
11/26/2020 10:24 AM	0.9	-0.4	---	1.3	2.6
11/26/2020 10:30 AM	0.9	-0.4	---	1.3	2.6
11/26/2020 10:36 AM	0.9	-0.4	---	1.3	2.5
11/26/2020 10:42 AM	1.0	-0.4	---	1.3	3.9
11/26/2020 10:48 AM	1.0	-0.3	---	1.3	6.8
11/26/2020 10:54 AM	1.0	-0.4	---	1.3	7.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/26/2020 11:00 AM	1.0	-0.4	---	1.3	6.6
11/26/2020 11:06 AM	1.0	-0.4	---	1.3	6.0
11/26/2020 11:12 AM	1.0	-0.3	---	1.3	5.6
11/26/2020 11:18 AM	1.0	-0.3	---	1.2	5.4
11/26/2020 11:24 AM	0.9	-0.3	---	1.2	5.3
11/26/2020 11:30 AM	1.0	-0.3	---	1.2	5.2
11/26/2020 11:36 AM	1.0	-0.3	---	1.2	5.3
11/26/2020 11:42 AM	0.9	-0.3	---	1.2	5.2
11/26/2020 11:48 AM	0.9	-0.3	---	1.3	5.1
11/26/2020 11:54 AM	0.9	-0.3	---	1.3	5.1
11/26/2020 12:00 PM	0.0	-0.5	---	1.1	5.0
11/26/2020 12:06 PM	-2.78B	-0.9	---	0.8	4.6
11/26/2020 12:12 PM	-2.783B	-0.9	---	0.8	4.7
11/26/2020 12:18 PM	-2.782B	-0.8	---	0.8	4.7
11/26/2020 12:24 PM	-2.776B	-0.8	---	0.8	4.6
11/26/2020 12:30 PM	-2.775B	-0.9	---	0.7	4.4
11/26/2020 12:36 PM	-2.782B	-0.9	---	0.7	4.4
11/26/2020 12:42 PM	-2.789B	-0.9	---	0.7	4.5
11/26/2020 12:48 PM	-2.796B	-0.9	---	0.8	4.5
11/26/2020 12:54 PM	-2.797B	-0.8	---	0.7	4.6
11/26/2020 1:00 PM	-2.799B	-0.8	---	0.7	4.6
11/26/2020 1:06 PM	-2.805B	-0.8	---	0.7	4.6
11/26/2020 1:12 PM	-2.804B	-0.8	---	0.6	4.6
11/26/2020 1:18 PM	-2.803B	-0.9	---	0.6	4.4
11/26/2020 1:24 PM	-2.805B	-0.9	---	0.6	4.1
11/26/2020 1:30 PM	-2.805B	-0.9	---	0.6	4.1
11/26/2020 1:36 PM	-2.804B	-0.9	---	0.6	4.2
11/26/2020 1:42 PM	-2.803B	-0.9	---	0.6	4.1
11/26/2020 1:48 PM	-2.802B	-0.9	---	0.6	4.0
11/26/2020 1:54 PM	-2.801B	-0.9	---	0.6	4.1
11/26/2020 2:00 PM	-2.802B	-0.9	---	0.7	4.1
11/26/2020 2:06 PM	-2.805B	-0.9	---	0.7	4.3
11/26/2020 2:12 PM	-2.824B	-0.9	---	0.6	4.4
11/26/2020 2:18 PM	-2.847B	-0.9	---	0.5	3.5
11/26/2020 2:24 PM	-2.852B	-0.9	---	0.4	2.3
11/26/2020 2:30 PM	-2.851B	-0.9	---	0.5	2.3
11/26/2020 2:36 PM	-2.849B	-0.9	---	0.5	2.3
11/26/2020 2:42 PM	-2.847B	-0.9	---	0.6	2.3
11/26/2020 2:48 PM	-2.847B	-0.9	---	0.5	2.3
11/26/2020 2:54 PM	-2.848B	-0.9	---	0.5	2.4
11/26/2020 3:00 PM	-2.847B	-0.9	---	0.6	2.4
11/26/2020 3:06 PM	-2.845B	-0.9	---	0.6	2.4
11/26/2020 3:12 PM	-2.841B	-0.9	---	0.6	2.3
11/26/2020 3:18 PM	-2.837B	-0.9	---	0.6	2.4
11/26/2020 3:24 PM	-2.836B	-0.9	---	0.6	2.4
11/26/2020 3:30 PM	-2.834B	-0.9	---	0.6	2.4
11/26/2020 3:36 PM	-2.832B	-0.9	---	0.6	2.4
11/26/2020 3:42 PM	-2.832B	-0.9	---	0.7	2.4
11/26/2020 3:48 PM	-2.833B	-0.9	---	0.7	2.5
11/26/2020 3:54 PM	-2.835B	-0.9	---	0.6	2.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/26/2020 4:00 PM	-2.837B	-0.9	---	0.7	2.4
11/26/2020 4:06 PM	-2.839B	-0.9	---	0.6	2.4
11/26/2020 4:12 PM	-2.842B	-0.9	---	0.6	2.4
11/26/2020 4:18 PM	-2.847B	-0.8	---	0.5	2.4
11/26/2020 4:24 PM	-2.85B	-0.9	---	0.6	2.4
11/26/2020 4:30 PM	-2.854B	-0.9	---	0.6	2.4
11/26/2020 4:36 PM	-2.86B	-0.9	---	0.5	2.5
11/26/2020 4:42 PM	-2.864B	-0.9	---	0.5	2.5
11/26/2020 4:48 PM	-2.868B	-0.9	---	0.6	2.5
11/26/2020 4:54 PM	-2.874B	-0.8	---	0.6	2.4
11/26/2020 5:00 PM	-2.879B	-0.8	---	0.5	2.4
11/26/2020 5:06 PM	-2.886B	-0.9	---	0.5	2.3
11/26/2020 5:12 PM	-2.891B	-0.9	---	0.5	2.4
11/26/2020 5:18 PM	-2.896B	-0.9	---	0.6	2.4
11/26/2020 5:24 PM	-2.9B	-0.9	---	0.6	2.5
11/26/2020 5:30 PM	-2.902B	-0.9	---	0.6	2.4
11/26/2020 5:36 PM	-2.907B	-0.9	---	0.5	2.4
11/26/2020 5:42 PM	-2.915B	-0.9	---	0.5	2.5
11/26/2020 5:48 PM	-2.92B	-0.9	---	0.5	2.5
11/26/2020 5:54 PM	-2.924B	-0.8	---	0.5	2.5
11/26/2020 6:00 PM	-2.928B	-0.9	---	0.5	2.5
11/26/2020 6:06 PM	-2.932B	-0.9	---	0.5	2.6
11/26/2020 6:12 PM	-2.936B	-0.9	---	0.6	2.6
11/26/2020 6:18 PM	-2.938B	-0.9	---	0.6	2.6
11/26/2020 6:24 PM	-2.941B	-0.8	---	0.6	2.5
11/26/2020 6:30 PM	-2.944B	-0.8	---	0.6	2.4
11/26/2020 6:36 PM	-2.945B	-0.8	---	0.6	2.4
11/26/2020 6:42 PM	-2.946B	-0.8	---	0.6	2.4
11/26/2020 6:48 PM	-2.945B	-0.9	---	0.6	2.4
11/26/2020 6:54 PM	-2.945B	-0.9	---	0.5	2.5
11/26/2020 7:00 PM	-2.946B	-0.9	---	0.5	2.5
11/26/2020 7:06 PM	-2.947B	-0.8	---	0.6	2.4
11/26/2020 7:12 PM	-2.947B	-0.8	---	0.6	2.4
11/26/2020 7:18 PM	-2.95B	-0.8	---	0.6	2.4
11/26/2020 7:24 PM	-2.954B	-0.8	---	0.6	2.3
11/26/2020 7:30 PM	-2.956B	-0.8	---	0.6	2.3
11/26/2020 7:36 PM	-2.96B	-0.8	---	0.7	2.3
11/26/2020 7:42 PM	-2.962B	-0.8	---	0.7	2.3
11/26/2020 7:48 PM	-2.963B	-0.8	---	0.6	2.2
11/26/2020 7:54 PM	-2.964B	-0.8	---	0.6	2.2
11/26/2020 8:00 PM	-2.967B	-0.8	---	0.6	2.2
11/26/2020 8:06 PM	-2.97B	-0.8	---	0.6	2.2
11/26/2020 8:12 PM	-2.972B	-0.8	---	0.6	2.3
11/26/2020 8:18 PM	-2.973B	-0.8	---	0.6	2.3
11/26/2020 8:24 PM	-2.974B	-0.8	---	0.5	2.3
11/26/2020 8:30 PM	-2.975B	-0.8	---	0.5	2.3
11/26/2020 8:36 PM	-2.976B	-0.8	---	0.5	2.3
11/26/2020 8:42 PM	-2.975B	-0.8	---	0.4	2.3
11/26/2020 8:48 PM	-2.976B	-0.8	---	0.4	2.3
11/26/2020 8:54 PM	-2.977B	-0.8	---	0.4	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/26/2020 9:00 PM	-2.978B	-0.8	---	0.4	2.3
11/26/2020 9:06 PM	-2.978B	-0.8	---	0.5	2.3
11/26/2020 9:12 PM	-2.98B	-0.8	---	0.5	2.2
11/26/2020 9:18 PM	-2.983B	-0.8	---	0.4	2.3
11/26/2020 9:24 PM	-2.983B	-0.8	---	0.4	2.3
11/26/2020 9:30 PM	-2.983B	-0.8	---	0.2	2.3
11/26/2020 9:36 PM	-2.984B	-0.8	---	0.1	2.3
11/26/2020 9:42 PM	-2.985B	-0.8	---	0.1	2.2
11/26/2020 9:48 PM	-2.986B	-0.8	---	0.2	2.2
11/26/2020 9:54 PM	-2.984B	-0.8	---	0.2	2.1
11/26/2020 10:00 PM	-2.984B	-0.8	---	0.3	1.9
11/26/2020 10:06 PM	-2.992B	-0.8	---	0.3	1.8
11/26/2020 10:12 PM	-3.004B	-0.8	---	0.4	1.8
11/26/2020 10:18 PM	-3.014B	-0.8	---	0.4	1.9
11/26/2020 10:24 PM	-3.02B	-0.8	---	0.4	2.0
11/26/2020 10:30 PM	-3.03B	-0.8	---	0.2	2.0
11/26/2020 10:36 PM	-3.039B	-0.8	---	0.0	2.0
11/26/2020 10:42 PM	-3.043B	-0.8	---	0.0	2.0
11/26/2020 10:48 PM	-3.047B	-0.8	---	0.0	1.9
11/26/2020 10:54 PM	-3.05B	-0.8	---	0.1	1.8
11/26/2020 11:00 PM	-3.052B	-0.8	---	0.1	1.8
11/26/2020 11:06 PM	-3.053B	-0.8	---	0.1	1.8
11/26/2020 11:12 PM	-3.054B	-0.8	---	0.1	1.8
11/26/2020 11:18 PM	-3.055B	-0.8	---	-0.3	2.4
11/26/2020 11:24 PM	-3.055B	-0.8	---	-1.0	2.9
11/26/2020 11:30 PM	-3.057B	-0.8	---	-1.2	2.7
11/26/2020 11:36 PM	-3.059B	-0.8	---	-1.1	2.6
11/26/2020 11:42 PM	-3.061B	-0.8	---	-1.2	2.5
11/26/2020 11:48 PM	-3.061B	-0.8	---	-1.2	2.4
11/26/2020 11:54 PM	-3.062B	-0.8	---	-1.2	2.4
11/27/2020 12:00 AM	-3.061B	-0.8	---	-1.2	2.4
11/27/2020 12:06 AM	-3.06B	-0.8	---	-1.1	2.4
11/27/2020 12:12 AM	-3.06B	-0.8	---	-1.2	2.5
11/27/2020 12:18 AM	-3.06B	-0.8	---	-1.2	2.5
11/27/2020 12:24 AM	-3.059B	-0.8	---	-1.2	2.5
11/27/2020 12:30 AM	-3.059B	-0.8	---	-1.1	2.5
11/27/2020 12:36 AM	-3.062B	-0.8	---	-1.1	2.5
11/27/2020 12:42 AM	-3.065B	-0.8	---	-1.2	2.5
11/27/2020 12:48 AM	-3.068B	-0.8	---	-1.2	2.9
11/27/2020 12:54 AM	-3.072B	-0.8	---	-1.1	3.3
11/27/2020 1:00 AM	-3.075B	-0.8	---	-1.1	3.2
11/27/2020 1:06 AM	-3.079B	-0.8	---	-1.1	3.1
11/27/2020 1:12 AM	-3.083B	-0.8	---	-1.1	3.1
11/27/2020 1:18 AM	-3.087B	-0.8	---	-1.1	3.1
11/27/2020 1:24 AM	-3.09B	-0.8	---	-1.1	3.1
11/27/2020 1:30 AM	-3.092B	-0.8	---	-1.2	3.0
11/27/2020 1:36 AM	-3.094B	-0.8	---	-1.2	3.0
11/27/2020 1:42 AM	-3.096B	-0.8	---	-1.2	3.0
11/27/2020 1:48 AM	-3.097B	-0.8	---	-1.2	2.9
11/27/2020 1:54 AM	-3.097B	-0.8	---	-1.2	2.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/27/2020 2:00 AM	-3.096B	-0.8	---	-1.2	2.8
11/27/2020 2:06 AM	-3.095B	-0.8	---	-1.2	2.8
11/27/2020 2:12 AM	-3.094B	-0.8	---	-1.2	2.8
11/27/2020 2:18 AM	-3.094B	-0.8	---	-1.2	2.8
11/27/2020 2:24 AM	-3.092B	-0.8	---	-1.2	2.9
11/27/2020 2:30 AM	-3.091B	-0.8	---	-1.2	2.9
11/27/2020 2:36 AM	-3.089B	-0.8	---	-1.1	2.8
11/27/2020 2:42 AM	-3.09B	-0.8	---	-1.1	2.8
11/27/2020 2:48 AM	-3.091B	-0.8	---	-1.1	2.8
11/27/2020 2:54 AM	-3.091B	-0.8	---	-1.1	2.7
11/27/2020 3:00 AM	-3.092B	-0.8	---	-1.1	2.3
11/27/2020 3:06 AM	-3.093B	-0.8	---	-1.1	2.2
11/27/2020 3:12 AM	-3.092B	-0.8	---	-1.1	2.3
11/27/2020 3:18 AM	-3.088B	-0.8	---	-1.2	2.3
11/27/2020 3:24 AM	-3.086B	-0.8	---	-1.2	2.3
11/27/2020 3:30 AM	-3.083B	-0.8	---	-1.2	2.3
11/27/2020 3:36 AM	-3.08B	-0.8	---	-1.2	2.3
11/27/2020 3:42 AM	-3.078B	-0.8	---	-1.1	2.3
11/27/2020 3:48 AM	-3.077B	-0.8	---	-1.1	2.3
11/27/2020 3:54 AM	-3.076B	-0.8	---	-1.1	2.3
11/27/2020 4:00 AM	-3.076B	-0.8	---	-1.1	2.3
11/27/2020 4:06 AM	-3.077B	-0.8	---	-1.1	2.3
11/27/2020 4:12 AM	-3.079B	-0.8	---	-1.1	2.3
11/27/2020 4:18 AM	-3.08B	-0.8	---	-1.1	2.3
11/27/2020 4:24 AM	-3.084B	-0.8	---	-1.1	2.2
11/27/2020 4:30 AM	-3.088B	-0.8	---	-1.1	2.0
11/27/2020 4:36 AM	-3.09B	-0.8	---	-1.1	2.0
11/27/2020 4:42 AM	-3.092B	-0.8	---	-1.1	2.0
11/27/2020 4:48 AM	-3.094B	-0.8	---	-1.1	2.0
11/27/2020 4:54 AM	-3.094B	-0.8	---	-1.1	2.0
11/27/2020 5:00 AM	-3.092B	-0.8	---	-1.1	2.0
11/27/2020 5:06 AM	-3.093B	-0.8	---	-1.1	2.0
11/27/2020 5:12 AM	-3.098B	-0.7	---	-1.1	2.0
11/27/2020 5:18 AM	-3.106B	-0.7	---	-1.1	2.0
11/27/2020 5:24 AM	-3.111B	-0.7	---	-1.1	2.0
11/27/2020 5:30 AM	-3.119B	-0.7	---	-1.1	2.0
11/27/2020 5:36 AM	-3.127B	-0.7	---	-1.1	2.0
11/27/2020 5:42 AM	-3.131B	-0.7	---	-1.1	2.0
11/27/2020 5:48 AM	-3.135B	-0.7	---	-1.1	2.1
11/27/2020 5:54 AM	-3.137B	-0.7	---	-1.1	2.1
11/27/2020 6:00 AM	-3.139B	-0.7	---	-1.1	2.0
11/27/2020 6:06 AM	-3.143B	-0.7	---	-1.1	2.0
11/27/2020 6:12 AM	-3.144B	-0.7	---	-1.1	2.1
11/27/2020 6:18 AM	-3.143B	-0.7	---	-1.2	2.0
11/27/2020 6:24 AM	-3.142B	-0.7	---	-1.1	2.0
11/27/2020 6:30 AM	-3.142B	-0.7	---	-1.1	2.0
11/27/2020 6:36 AM	-3.141B	-0.7	---	-1.1	2.0
11/27/2020 6:42 AM	-3.14B	-0.7	---	-1.1	2.1
11/27/2020 6:48 AM	-3.14B	-0.7	---	-1.1	2.1
11/27/2020 6:54 AM	-3.137B	-0.7	---	-1.2	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/27/2020 7:00 AM	-3.134B	-0.7	---	-1.2	2.1
11/27/2020 7:06 AM	-3.13B	-0.7	---	-1.2	2.1
11/27/2020 7:12 AM	-3.125B	-0.6	---	-1.2	2.1
11/27/2020 7:18 AM	-3.122B	-0.6	---	-1.2	2.1
11/27/2020 7:24 AM	-3.119B	-0.6	---	-1.2	2.1
11/27/2020 7:30 AM	-3.116B	-0.6	---	-1.2	2.0
11/27/2020 7:36 AM	-3.114B	-0.7	---	-1.2	2.0
11/27/2020 7:42 AM	-3.112B	-0.7	---	-1.2	2.0
11/27/2020 7:48 AM	-3.109B	-0.7	---	-1.2	2.1
11/27/2020 7:54 AM	-3.105B	-0.7	---	-1.2	2.9
11/27/2020 8:00 AM	-3.102B	-0.8	---	-1.2	3.5
11/27/2020 8:06 AM	-3.099B	-0.8	---	-1.2	3.2
11/27/2020 8:12 AM	-3.097B	-0.8	---	-1.1	3.2
11/27/2020 8:18 AM	-3.096B	-0.8	---	-1.1	3.1
11/27/2020 8:24 AM	-3.095B	-0.8	---	-1.2	3.1
11/27/2020 8:30 AM	-3.091B	-0.7	---	-1.2	3.1
11/27/2020 8:36 AM	-3.085B	-0.7	---	-1.2	3.1
11/27/2020 8:42 AM	-3.078B	-0.7	---	-1.2	3.1
11/27/2020 8:48 AM	-3.069B	-0.7	---	-1.2	3.1
11/27/2020 8:54 AM	-3.06B	-0.7	---	-1.2	3.1
11/27/2020 9:00 AM	-3.051B	-0.7	---	-1.2	3.1
11/27/2020 9:06 AM	-3.04B	-0.6	---	-1.2	3.1
11/27/2020 9:12 AM	-3.028B	-0.6	---	-1.2	3.0
11/27/2020 9:18 AM	-3.018B	-0.6	---	-1.2	3.1
11/27/2020 9:24 AM	-3.004B	-0.6	---	-1.2	3.5
11/27/2020 9:30 AM	-2.99B	1.8	---	2.3	5.2
11/27/2020 9:36 AM	-2.985B	8.7	---	0.7	5.8
11/27/2020 9:42 AM	-2.984B	4.4	---	-1.1	5.4
11/27/2020 9:48 AM	-2.976B	1.1	---	-1.2	5.4
11/27/2020 9:54 AM	-2.964B	0.2	---	-1.2	5.4
11/27/2020 10:00 AM	-2.953B	-0.2	---	-1.2	5.5
11/27/2020 10:06 AM	-2.942B	-0.4	---	-1.2	5.4
11/27/2020 10:12 AM	-2.93B	-0.5	---	-1.2	5.2
11/27/2020 10:18 AM	-2.92B	-0.6	---	-1.2	5.0
11/27/2020 10:24 AM	-2.912B	-0.6	---	-1.2	5.0
11/27/2020 10:30 AM	-2.903B	-0.6	---	-1.2	5.1
11/27/2020 10:36 AM	-2.895B	-0.7	---	-1.2	5.0
11/27/2020 10:42 AM	-2.882B	-0.7	---	-1.2	5.2
11/27/2020 10:48 AM	-2.868B	-0.8	---	-1.2	5.2
11/27/2020 10:54 AM	-2.849B	-0.8	---	-1.2	4.9
11/27/2020 11:00 AM	-2.835B	-0.8	---	-1.2	4.9
11/27/2020 11:06 AM	-2.819B	-0.8	---	-1.2	4.9
11/27/2020 11:12 AM	-2.798B	-0.8	---	-1.2	5.0
11/27/2020 11:18 AM	-2.78B	-0.8	---	-1.2	5.0
11/27/2020 11:24 AM	-2.761B	-0.8	---	-1.2	5.0
11/27/2020 11:30 AM	-2.743B	-0.8	---	-1.2	5.0
11/27/2020 11:36 AM	-2.733B	-0.8	---	-1.2	5.0
11/27/2020 11:42 AM	-2.728B	-0.8	---	-1.2	5.1
11/27/2020 11:48 AM	-2.724B	-0.8	---	-1.2	5.1
11/27/2020 11:54 AM	-2.725B	-0.8	---	-1.2	5.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/27/2020 12:00 PM	-2.0	-0.6	---	-1.1	5.1
11/27/2020 12:06 PM	0.6	-0.1	---	-0.7	5.1
11/27/2020 12:12 PM	0.5	-0.1	---	-0.7	5.1
11/27/2020 12:18 PM	0.5	-0.1	---	-0.7	5.1
11/27/2020 12:24 PM	0.5	0.0	---	-0.7	5.1
11/27/2020 12:30 PM	0.5	0.0	---	-0.7	5.2
11/27/2020 12:36 PM	0.5	0.1	---	3.9	5.1
11/27/2020 12:42 PM	0.5	0.1	---	7.3	3.2
11/27/2020 12:48 PM	0.5	0.1	---	4.5	1.5
11/27/2020 12:54 PM	0.5	0.1	---	2.2	1.7
11/27/2020 1:00 PM	0.4	0.2	---	1.3	1.8
11/27/2020 1:06 PM	0.4	0.2	---	1.1	1.8
11/27/2020 1:12 PM	0.4	0.2	---	1.0	1.9
11/27/2020 1:18 PM	0.4	0.1	---	1.0	1.9
11/27/2020 1:24 PM	0.4	0.1	---	1.0	2.0
11/27/2020 1:30 PM	0.4	0.1	---	1.0	2.0
11/27/2020 1:36 PM	0.4	0.1	---	1.1	2.0
11/27/2020 1:42 PM	0.4	0.1	---	1.2	2.0
11/27/2020 1:48 PM	0.4	0.1	---	1.3	2.0
11/27/2020 1:54 PM	0.4	0.1	---	1.3	2.1
11/27/2020 2:00 PM	0.4	0.1	---	1.4	2.0
11/27/2020 2:06 PM	0.4	0.1	---	1.3	2.0
11/27/2020 2:12 PM	0.4	0.1	---	1.3	2.1
11/27/2020 2:18 PM	0.4	0.1	---	1.2	2.1
11/27/2020 2:24 PM	0.4	0.0	---	1.2	2.1
11/27/2020 2:30 PM	0.4	0.0	---	1.2	2.1
11/27/2020 2:36 PM	0.4	0.0	---	1.2	2.1
11/27/2020 2:42 PM	0.4	0.1	---	1.1	2.1
11/27/2020 2:48 PM	0.4	0.1	---	1.1	2.0
11/27/2020 2:54 PM	0.4	0.1	---	1.0	2.0
11/27/2020 3:00 PM	0.4	0.1	---	1.0	2.0
11/27/2020 3:06 PM	0.4	0.1	---	1.0	2.0
11/27/2020 3:12 PM	0.4	0.1	---	1.0	2.0
11/27/2020 3:18 PM	0.4	0.1	---	0.9	2.0
11/27/2020 3:24 PM	0.4	0.1	---	0.9	2.0
11/27/2020 3:30 PM	0.4	0.1	---	0.8	2.0
11/27/2020 3:36 PM	16.4	0.1	---	0.8	1.9
11/27/2020 3:42 PM	21.8	0.2	---	0.8	2.0
11/27/2020 3:48 PM	19.5	0.2	---	0.8	2.0
11/27/2020 3:54 PM	19.2	0.2	---	0.8	2.0
11/27/2020 4:00 PM	16.7	0.2	---	0.8	2.0
11/27/2020 4:06 PM	13.7	0.2	---	0.7	2.0
11/27/2020 4:12 PM	10.7	0.2	---	0.7	2.0
11/27/2020 4:18 PM	10.4	0.2	---	0.7	2.0
11/27/2020 4:24 PM	19.2	0.2	---	0.8	2.0
11/27/2020 4:30 PM	21.3	0.1	---	0.7	2.0
11/27/2020 4:36 PM	17.7	0.1	---	0.7	2.0
11/27/2020 4:42 PM	13.9	0.1	---	0.6	2.0
11/27/2020 4:48 PM	9.0	0.1	---	0.6	2.0
11/27/2020 4:54 PM	7.0	0.1	---	0.6	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/27/2020 5:00 PM	5.1	0.1	---	0.6	2.0
11/27/2020 5:06 PM	5.4	0.1	---	0.5	2.0
11/27/2020 5:12 PM	4.6	0.1	---	0.6	2.0
11/27/2020 5:18 PM	5.9	0.1	---	0.5	1.9
11/27/2020 5:24 PM	6.4	0.1	---	0.5	1.9
11/27/2020 5:30 PM	3.6	0.1	---	0.5	2.0
11/27/2020 5:36 PM	4.5	0.1	---	0.5	2.0
11/27/2020 5:42 PM	4.6	0.1	---	0.5	2.0
11/27/2020 5:48 PM	4.9	0.1	---	0.5	2.0
11/27/2020 5:54 PM	9.1	0.1	---	0.5	2.0
11/27/2020 6:00 PM	8.3	0.0	---	0.5	1.9
11/27/2020 6:06 PM	6.4	0.1	---	0.5	1.9
11/27/2020 6:12 PM	5.0	0.1	---	0.5	1.9
11/27/2020 6:18 PM	4.3	0.1	---	0.5	2.0
11/27/2020 6:24 PM	3.2	0.1	---	0.5	2.0
11/27/2020 6:30 PM	2.8	0.1	---	0.5	2.0
11/27/2020 6:36 PM	2.6	0.1	---	0.5	2.0
11/27/2020 6:42 PM	2.2	0.1	---	0.5	2.0
11/27/2020 6:48 PM	1.5	0.1	---	0.5	2.0
11/27/2020 6:54 PM	0.9	0.1	---	0.5	2.0
11/27/2020 7:00 PM	0.7	0.1	---	0.5	2.1
11/27/2020 7:06 PM	0.6	0.1	---	0.5	2.0
11/27/2020 7:12 PM	0.5	0.1	---	0.5	2.0
11/27/2020 7:18 PM	0.5	0.1	---	0.5	2.0
11/27/2020 7:24 PM	0.4	0.1	---	0.5	2.0
11/27/2020 7:30 PM	0.4	0.1	---	0.5	2.0
11/27/2020 7:36 PM	0.4	0.1	---	0.5	2.0
11/27/2020 7:42 PM	0.4	0.1	---	0.5	2.0
11/27/2020 7:48 PM	0.4	0.1	---	0.5	2.0
11/27/2020 7:54 PM	0.4	0.1	---	0.5	2.0
11/27/2020 8:00 PM	0.4	0.1	---	0.5	2.0
11/27/2020 8:06 PM	0.4	0.1	---	0.6	2.0
11/27/2020 8:12 PM	0.3	0.1	---	0.6	2.0
11/27/2020 8:18 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:24 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:30 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:36 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:42 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:48 PM	0.3	0.1	---	0.5	2.0
11/27/2020 8:54 PM	0.3	0.1	---	0.5	2.0
11/27/2020 9:00 PM	0.3	0.0	---	0.5	2.0
11/27/2020 9:06 PM	0.3	0.0	---	0.5	1.9
11/27/2020 9:12 PM	0.3	0.0	---	0.5	1.9
11/27/2020 9:18 PM	0.3	0.1	---	0.5	1.9
11/27/2020 9:24 PM	0.3	0.1	---	0.6	1.9
11/27/2020 9:30 PM	0.3	0.1	---	0.6	1.9
11/27/2020 9:36 PM	0.3	0.1	---	0.5	1.9
11/27/2020 9:42 PM	0.3	0.1	---	0.6	1.9
11/27/2020 9:48 PM	0.3	0.1	---	0.6	2.0
11/27/2020 9:54 PM	0.3	0.1	---	0.6	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/27/2020 10:00 PM	0.3	0.1	---	0.6	2.0
11/27/2020 10:06 PM	0.2	0.1	---	0.6	2.0
11/27/2020 10:12 PM	0.2	0.1	---	0.6	2.0
11/27/2020 10:18 PM	0.2	0.1	---	0.6	1.9
11/27/2020 10:24 PM	0.2	0.1	---	0.6	1.9
11/27/2020 10:30 PM	0.2	0.1	---	0.6	1.9
11/27/2020 10:36 PM	0.2	0.1	---	0.6	1.9
11/27/2020 10:42 PM	0.2	0.2	---	0.6	1.9
11/27/2020 10:48 PM	0.2	0.2	---	0.6	1.9
11/27/2020 10:54 PM	0.2	0.2	---	0.8	1.8
11/27/2020 11:00 PM	0.2	0.2	---	1.2	1.0
11/27/2020 11:06 PM	0.2	0.2	---	1.1	0.0
11/27/2020 11:12 PM	0.2	0.3	---	1.1	-0.1
11/27/2020 11:18 PM	0.2	0.3	---	1.1	-0.1
11/27/2020 11:24 PM	0.2	0.3	---	1.1	-0.1
11/27/2020 11:30 PM	0.2	0.3	---	1.0	-0.1
11/27/2020 11:36 PM	0.2	0.3	---	1.0	-0.1
11/27/2020 11:42 PM	0.2	0.3	---	1.0	-0.1
11/27/2020 11:48 PM	0.2	0.3	---	1.0	-0.2
11/27/2020 11:54 PM	0.2	0.3	---	1.0	-0.2
11/28/2020 12:00 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:06 AM	0.2	0.3	---	1.1	-0.1
11/28/2020 12:12 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:18 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:24 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:30 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 12:36 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 12:42 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:48 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 12:54 AM	0.2	0.4	---	1.1	-0.2
11/28/2020 1:00 AM	0.2	0.4	---	1.1	-0.2
11/28/2020 1:06 AM	0.2	0.4	---	1.1	-0.2
11/28/2020 1:12 AM	0.2	0.3	---	1.1	-0.2
11/28/2020 1:18 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 1:24 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 1:30 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 1:36 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 1:42 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 1:48 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 1:54 AM	0.2	0.2	---	1.3	-0.2
11/28/2020 2:00 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 2:06 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 2:12 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 2:18 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 2:24 AM	0.2	0.2	---	1.2	-0.2
11/28/2020 2:30 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 2:36 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 2:42 AM	0.2	0.3	---	1.2	-0.2
11/28/2020 2:48 AM	0.2	0.3	---	1.2	-0.1
11/28/2020 2:54 AM	0.2	0.3	---	1.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/28/2020 3:00 AM	0.1	0.3	---	1.2	-0.2
11/28/2020 3:06 AM	0.1	0.3	---	1.1	-0.2
11/28/2020 3:12 AM	0.1	0.3	---	1.1	-0.2
11/28/2020 3:18 AM	0.1	0.3	---	1.1	-0.2
11/28/2020 3:24 AM	0.1	0.3	---	1.1	-0.2
11/28/2020 3:30 AM	0.1	0.3	---	1.1	-0.2
11/28/2020 3:36 AM	0.1	0.4	---	1.1	-0.2
11/28/2020 3:42 AM	0.1	0.4	---	1.1	-0.2
11/28/2020 3:48 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 3:54 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:00 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:06 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:12 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:18 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:24 AM	0.1	0.4	---	1.1	-0.2
11/28/2020 4:30 AM	0.1	0.4	---	1.1	-0.2
11/28/2020 4:36 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:42 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 4:48 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 4:54 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:00 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:06 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:12 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:18 AM	0.1	0.6	---	1.0	-0.2
11/28/2020 5:24 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:30 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:36 AM	0.1	0.6	---	1.1	-0.2
11/28/2020 5:42 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 5:48 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 5:54 AM	0.1	0.5	---	1.1	-0.2
11/28/2020 6:00 AM	0.1	0.6	---	1.2	-0.2
11/28/2020 6:06 AM	0.1	0.6	---	1.2	-0.2
11/28/2020 6:12 AM	0.1	0.6	---	1.2	-0.2
11/28/2020 6:18 AM	0.1	0.6	---	1.2	-0.2
11/28/2020 6:24 AM	0.1	0.7	---	1.2	-0.2
11/28/2020 6:30 AM	0.1	0.7	---	1.2	-0.2
11/28/2020 6:36 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 6:42 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 6:48 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 6:54 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 7:00 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 7:06 AM	0.1	0.7	---	1.1	-0.2
11/28/2020 7:12 AM	0.1	0.8	---	1.1	-0.3
11/28/2020 7:18 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 7:24 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 7:30 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 7:36 AM	0.1	0.9	---	1.1	-0.2
11/28/2020 7:42 AM	0.1	0.9	---	1.1	-0.2
11/28/2020 7:48 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 7:54 AM	0.1	0.8	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
11/28/2020 8:00 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:06 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:12 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:18 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:24 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:30 AM	0.1	0.8	---	1.1	-0.2
11/28/2020 8:36 AM	0.2	0.8	---	1.1	-0.2
11/28/2020 8:42 AM	0.2	0.8	---	1.1	-0.2
11/28/2020 8:48 AM	0.2	0.8	---	1.1	-0.2
11/28/2020 8:54 AM	0.2	0.8	---	1.1	-0.2
11/28/2020 9:00 AM	0.2	0.8	---	1.0	-0.2
11/28/2020 9:06 AM	0.1	0.8	---	0.9	-0.2
11/28/2020 9:12 AM	0.1	0.8	---	1.0	-0.2
11/28/2020 9:18 AM	0.2	0.9	---	1.0	-0.2
11/28/2020 9:24 AM	0.2	0.8	---	1.0	-0.2
11/28/2020 9:30 AM	0.2	0.8	---	0.9	-0.2
11/28/2020 9:36 AM	0.2	0.8	---	0.9	-0.2
11/28/2020 9:42 AM	0.2	0.9	---	1.0	-0.2
11/28/2020 9:48 AM	0.2	1.0	---	1.0	-0.2
11/28/2020 9:54 AM	0.2	1.1	---	1.0	-0.2
11/28/2020 10:00 AM	0.2	1.1	---	1.0	-0.2
11/28/2020 10:06 AM	0.2	1.1	---	1.0	-0.2
11/28/2020 10:12 AM	0.2	1.0	---	1.0	-0.2
11/28/2020 10:18 AM	0.2	1.0	---	1.0	-0.2
11/28/2020 10:24 AM	0.2	1.0	---	1.0	-0.2
11/28/2020 10:30 AM	0.2	1.0	---	1.2	-0.2
11/28/2020 10:36 AM	0.3	1.0	---	1.5	-0.2
11/28/2020 10:42 AM	0.3	0.9	---	1.5	-0.2
11/28/2020 10:48 AM	0.3	0.7	---	1.4	-0.2
11/28/2020 10:54 AM	0.3	0.5	---	1.4	-0.2
11/28/2020 11:00 AM	0.3	0.2	---	1.4	-0.2
11/28/2020 11:06 AM	0.3	0.2	---	1.4	-0.2
11/28/2020 11:12 AM	0.3	0.2	---	1.3	-0.2
11/28/2020 11:18 AM	0.3	0.3	---	1.3	-0.2
11/28/2020 11:24 AM	0.4	0.4	---	1.3	-0.2
11/28/2020 11:30 AM	0.3	0.5	---	1.2	-0.2
11/28/2020 11:36 AM	0.3	0.6	---	1.2	-0.2
11/28/2020 11:42 AM	0.3	0.7	---	1.2	-0.2
11/28/2020 11:48 AM	0.3	0.8	---	1.2	-0.2
11/28/2020 11:54 AM	0.3	0.8	---	1.2	-0.2
11/28/2020 12:00 PM	0.4	0.9	---	1.1	-0.2
11/28/2020 12:06 PM	0.5	1.0	---	1.2	-0.2
11/28/2020 12:12 PM	0.5	1.0	---	1.3	-0.2
11/28/2020 12:18 PM	0.5	1.0	---	1.3	-0.2
11/28/2020 12:24 PM	0.5	1.1	---	1.3	-0.1
11/28/2020 12:30 PM	0.5	1.2	---	1.3	-0.1
11/28/2020 12:36 PM	0.5	1.2	---	1.2	-0.2
11/28/2020 12:42 PM	0.5	1.2	---	1.2	-0.2
11/28/2020 12:48 PM	0.5	1.1	---	1.2	-0.2
11/28/2020 12:54 PM	0.5	1.1	---	1.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/28/2020 1:00 PM	0.5	1.1	---	1.2	-0.2
11/28/2020 1:06 PM	0.5	1.1	---	0.9	7.8
11/28/2020 1:12 PM	0.5	1.1	---	0.4	8.1
11/28/2020 1:18 PM	0.5	1.1	---	0.4	5.6
11/28/2020 1:24 PM	0.5	1.1	---	0.5	5.3
11/28/2020 1:30 PM	0.5	1.1	---	0.5	5.3
11/28/2020 1:36 PM	0.5	1.1	---	0.5	5.1
11/28/2020 1:42 PM	0.5	1.1	---	0.5	4.3
11/28/2020 1:48 PM	0.5	1.1	---	0.5	3.7
11/28/2020 1:54 PM	0.5	1.1	---	0.5	3.3
11/28/2020 2:00 PM	0.5	1.1	---	0.5	2.9
11/28/2020 2:06 PM	0.4	1.1	---	0.7	2.7
11/28/2020 2:12 PM	0.4	1.2	---	1.0	2.6
11/28/2020 2:18 PM	0.4	1.2	---	1.1	2.5
11/28/2020 2:24 PM	0.4	1.2	---	1.1	2.4
11/28/2020 2:30 PM	0.4	0.9	---	1.1	2.4
11/28/2020 2:36 PM	0.4	0.6	---	1.1	2.3
11/28/2020 2:42 PM	0.4	0.4	---	1.1	2.3
11/28/2020 2:48 PM	0.4	0.5	---	1.1	2.3
11/28/2020 2:54 PM	0.4	0.5	---	1.0	2.2
11/28/2020 3:00 PM	0.4	0.6	---	1.1	2.2
11/28/2020 3:06 PM	0.4	0.8	---	1.1	2.2
11/28/2020 3:12 PM	0.4	0.9	---	1.1	2.1
11/28/2020 3:18 PM	0.4	1.1	---	1.1	2.1
11/28/2020 3:24 PM	0.4	1.1	---	1.1	2.1
11/28/2020 3:30 PM	0.4	1.2	---	1.1	2.1
11/28/2020 3:36 PM	0.4	1.2	---	1.1	2.1
11/28/2020 3:42 PM	0.4	1.1	---	1.0	2.0
11/28/2020 3:48 PM	0.4	1.1	---	1.0	2.0
11/28/2020 3:54 PM	0.4	1.1	---	1.0	2.0
11/28/2020 4:00 PM	0.4	1.1	---	1.0	2.0
11/28/2020 4:06 PM	0.4	1.1	---	1.1	2.0
11/28/2020 4:12 PM	0.4	1.0	---	1.0	2.0
11/28/2020 4:18 PM	0.4	1.0	---	1.1	2.0
11/28/2020 4:24 PM	0.4	1.0	---	1.1	2.0
11/28/2020 4:30 PM	0.4	1.0	---	1.0	2.0
11/28/2020 4:36 PM	0.4	1.0	---	0.7	2.0
11/28/2020 4:42 PM	0.4	1.0	---	0.5	2.0
11/28/2020 4:48 PM	0.4	1.0	---	0.5	2.0
11/28/2020 4:54 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:00 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:06 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:12 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:18 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:24 PM	0.4	1.0	---	0.6	2.0
11/28/2020 5:30 PM	0.3	1.0	---	0.6	2.0
11/28/2020 5:36 PM	0.3	1.0	---	0.6	2.0
11/28/2020 5:42 PM	0.3	1.0	---	0.6	2.0
11/28/2020 5:48 PM	0.3	1.0	---	0.6	2.0
11/28/2020 5:54 PM	0.3	1.0	---	0.6	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/28/2020 6:00 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:06 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:12 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:18 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:24 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:30 PM	0.3	1.0	---	0.7	2.0
11/28/2020 6:36 PM	0.3	1.1	---	0.7	2.0
11/28/2020 6:42 PM	0.3	1.1	---	0.7	2.0
11/28/2020 6:48 PM	0.3	1.1	---	0.7	2.0
11/28/2020 6:54 PM	0.3	1.1	---	0.8	2.0
11/28/2020 7:00 PM	0.3	1.1	---	0.7	2.0
11/28/2020 7:06 PM	0.3	1.1	---	0.7	2.0
11/28/2020 7:12 PM	0.3	1.1	---	0.7	2.0
11/28/2020 7:18 PM	0.3	1.1	---	0.7	2.1
11/28/2020 7:24 PM	0.3	1.1	---	0.7	2.1
11/28/2020 7:30 PM	0.3	1.1	---	0.7	2.1
11/28/2020 7:36 PM	0.3	1.1	---	0.7	2.1
11/28/2020 7:42 PM	0.3	1.1	---	0.7	2.1
11/28/2020 7:48 PM	0.3	1.1	---	0.7	2.0
11/28/2020 7:54 PM	0.3	1.1	---	0.7	2.1
11/28/2020 8:00 PM	0.3	1.1	---	0.7	2.1
11/28/2020 8:06 PM	0.3	1.2	---	0.8	2.1
11/28/2020 8:12 PM	0.3	1.1	---	0.7	2.0
11/28/2020 8:18 PM	0.3	1.1	---	0.7	2.0
11/28/2020 8:24 PM	0.3	1.1	---	0.7	2.0
11/28/2020 8:30 PM	0.3	1.1	---	0.7	2.1
11/28/2020 8:36 PM	0.3	1.1	---	0.7	2.1
11/28/2020 8:42 PM	0.3	1.1	---	0.7	2.1
11/28/2020 8:48 PM	0.3	1.1	---	0.8	2.1
11/28/2020 8:54 PM	0.3	1.1	---	0.7	2.0
11/28/2020 9:00 PM	0.3	1.1	---	0.7	2.0
11/28/2020 9:06 PM	0.3	1.1	---	0.7	2.0
11/28/2020 9:12 PM	0.3	1.1	---	0.7	2.0
11/28/2020 9:18 PM	0.3	1.1	---	0.8	2.0
11/28/2020 9:24 PM	0.3	1.1	---	0.8	2.0
11/28/2020 9:30 PM	0.3	1.1	---	0.7	2.0
11/28/2020 9:36 PM	0.2	1.1	---	0.8	2.0
11/28/2020 9:42 PM	0.2	1.1	---	0.8	2.0
11/28/2020 9:48 PM	0.2	1.1	---	0.7	2.0
11/28/2020 9:54 PM	0.2	1.1	---	0.7	2.0
11/28/2020 10:00 PM	0.2	1.1	---	0.8	2.0
11/28/2020 10:06 PM	0.2	1.1	---	0.8	2.0
11/28/2020 10:12 PM	0.2	1.1	---	0.7	2.0
11/28/2020 10:18 PM	0.2	1.1	---	0.7	2.0
11/28/2020 10:24 PM	0.2	1.1	---	0.8	2.0
11/28/2020 10:30 PM	0.2	1.2	---	0.8	2.0
11/28/2020 10:36 PM	0.2	1.1	---	0.8	2.0
11/28/2020 10:42 PM	0.2	1.1	---	0.7	2.0
11/28/2020 10:48 PM	0.2	1.2	---	0.8	2.1
11/28/2020 10:54 PM	0.2	1.2	---	0.8	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/28/2020 11:00 PM	0.2	1.2	---	0.8	2.1
11/28/2020 11:06 PM	0.2	1.1	---	0.8	2.0
11/28/2020 11:12 PM	0.2	1.1	---	0.8	2.0
11/28/2020 11:18 PM	0.2	1.1	---	0.7	2.0
11/28/2020 11:24 PM	0.2	1.1	---	0.5	2.0
11/28/2020 11:30 PM	0.2	1.1	---	0.5	2.0
11/28/2020 11:36 PM	0.2	1.1	---	0.5	2.0
11/28/2020 11:42 PM	0.2	1.1	---	0.5	2.0
11/28/2020 11:48 PM	0.2	1.1	---	0.5	2.0
11/28/2020 11:54 PM	0.2	1.1	---	0.5	2.0
11/29/2020 12:00 AM	0.2	1.1	---	0.5	2.0
11/29/2020 12:06 AM	0.2	1.1	---	0.5	2.0
11/29/2020 12:12 AM	0.2	1.2	---	0.5	2.0
11/29/2020 12:18 AM	0.2	1.2	---	0.6	2.0
11/29/2020 12:24 AM	0.2	1.2	---	0.6	2.0
11/29/2020 12:30 AM	0.2	1.2	---	0.6	2.0
11/29/2020 12:36 AM	0.2	1.2	---	0.6	2.0
11/29/2020 12:42 AM	0.2	1.2	---	0.6	1.9
11/29/2020 12:48 AM	0.2	1.2	---	0.3	2.6
11/29/2020 12:54 AM	0.2	1.2	---	-0.3	3.1
11/29/2020 1:00 AM	0.2	1.2	---	-0.6	2.6
11/29/2020 1:06 AM	0.2	1.2	---	-0.6	2.5
11/29/2020 1:12 AM	0.2	1.2	---	-0.6	2.4
11/29/2020 1:18 AM	0.2	1.2	---	-0.6	2.4
11/29/2020 1:24 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 1:30 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 1:36 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 1:42 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 1:48 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 1:54 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:00 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:06 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:12 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 2:18 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:24 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:30 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:36 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 2:42 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 2:48 AM	0.2	1.2	---	-0.6	2.3
11/29/2020 2:54 AM	0.2	1.2	---	-0.6	2.3
11/29/2020 3:00 AM	0.2	1.2	---	-0.6	2.3
11/29/2020 3:06 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:12 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:18 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:24 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:30 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:36 AM	0.2	1.2	---	-0.6	2.3
11/29/2020 3:42 AM	0.2	1.2	---	-0.5	2.4
11/29/2020 3:48 AM	0.2	1.2	---	-0.5	2.3
11/29/2020 3:54 AM	0.2	1.2	---	-0.5	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/29/2020 4:00 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:06 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:12 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:18 AM	0.2	1.2	---	-0.6	2.3
11/29/2020 4:24 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:30 AM	0.1	1.2	---	-0.5	2.2
11/29/2020 4:36 AM	0.1	1.2	---	-0.5	2.2
11/29/2020 4:42 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:48 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 4:54 AM	0.1	1.2	---	-0.5	2.3
11/29/2020 5:00 AM	0.1	1.3	---	-0.5	2.3
11/29/2020 5:06 AM	0.1	1.3	---	-0.5	2.2
11/29/2020 5:12 AM	0.1	1.2	---	-0.5	2.2
11/29/2020 5:18 AM	0.1	1.2	---	-0.5	2.1
11/29/2020 5:24 AM	0.1	1.2	---	-0.5	2.1
11/29/2020 5:30 AM	0.1	1.2	---	-0.5	2.1
11/29/2020 5:36 AM	0.1	1.2	---	-0.5	2.0
11/29/2020 5:42 AM	0.1	1.2	---	-0.5	2.0
11/29/2020 5:48 AM	0.1	1.2	---	-0.5	2.0
11/29/2020 5:54 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:00 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:06 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:12 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:18 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:24 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:30 AM	0.1	1.1	---	-0.5	2.1
11/29/2020 6:36 AM	0.1	1.1	---	-0.5	2.1
11/29/2020 6:42 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:48 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 6:54 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 7:00 AM	0.1	1.1	---	-0.5	2.0
11/29/2020 7:06 AM	0.1	1.1	---	-0.5	2.1
11/29/2020 7:12 AM	0.1	1.1	---	-0.5	2.1
11/29/2020 7:18 AM	0.1	1.1	---	-0.5	2.1
11/29/2020 7:24 AM	0.1	1.1	---	-0.5	2.2
11/29/2020 7:30 AM	0.1	1.1	---	-0.5	2.2
11/29/2020 7:36 AM	0.1	1.2	---	-0.5	2.1
11/29/2020 7:42 AM	0.1	1.1	---	-0.5	2.2
11/29/2020 7:48 AM	0.1	1.0	---	-0.5	2.2
11/29/2020 7:54 AM	0.1	0.9	---	-0.5	2.2
11/29/2020 8:00 AM	0.1	0.8	---	-0.5	2.2
11/29/2020 8:06 AM	0.1	0.7	---	-0.5	2.2
11/29/2020 8:12 AM	0.1	0.6	---	-0.5	2.2
11/29/2020 8:18 AM	0.1	0.7	---	-0.6	2.2
11/29/2020 8:24 AM	0.1	0.8	---	-0.6	2.2
11/29/2020 8:30 AM	0.1	0.8	---	-0.6	2.2
11/29/2020 8:36 AM	0.1	0.9	---	-0.6	2.2
11/29/2020 8:42 AM	0.1	1.0	---	-0.6	2.2
11/29/2020 8:48 AM	0.1	1.0	---	-0.6	2.1
11/29/2020 8:54 AM	0.1	1.1	---	-0.6	2.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/29/2020 9:00 AM	0.1	1.1	---	-0.6	2.5
11/29/2020 9:06 AM	0.1	1.1	---	-0.6	3.2
11/29/2020 9:12 AM	0.1	1.1	---	-0.6	3.4
11/29/2020 9:18 AM	0.2	1.1	---	-0.5	3.3
11/29/2020 9:24 AM	0.2	1.1	---	-0.5	3.2
11/29/2020 9:30 AM	0.2	1.2	---	-0.5	3.0
11/29/2020 9:36 AM	0.2	1.2	---	-0.5	3.0
11/29/2020 9:42 AM	0.2	1.2	---	-0.6	3.0
11/29/2020 9:48 AM	0.2	1.2	---	-0.6	3.0
11/29/2020 9:54 AM	0.2	1.2	---	-0.6	3.0
11/29/2020 10:00 AM	0.2	1.2	---	-0.6	3.0
11/29/2020 10:06 AM	0.2	1.2	---	-0.6	3.1
11/29/2020 10:12 AM	0.2	1.2	---	-0.6	3.1
11/29/2020 10:18 AM	0.2	1.3	---	-0.6	3.1
11/29/2020 10:24 AM	0.2	1.3	---	-0.6	3.0
11/29/2020 10:30 AM	0.3	1.4	---	-0.6	3.2
11/29/2020 10:36 AM	0.3	1.3	---	-0.6	4.8
11/29/2020 10:42 AM	0.3	1.3	---	-0.6	5.7
11/29/2020 10:48 AM	0.3	1.0	---	-0.6	5.5
11/29/2020 10:54 AM	0.3	0.6	---	-0.6	5.3
11/29/2020 11:00 AM	0.3	0.2	---	-0.6	5.2
11/29/2020 11:06 AM	0.3	0.0	---	-0.6	5.2
11/29/2020 11:12 AM	0.4	-0.1	---	-0.6	5.0
11/29/2020 11:18 AM	0.4	0.0	---	-0.6	5.1
11/29/2020 11:24 AM	0.4	0.0	---	-0.6	5.2
11/29/2020 11:30 AM	0.4	0.1	---	-0.6	5.3
11/29/2020 11:36 AM	0.4	0.2	---	-0.6	5.1
11/29/2020 11:42 AM	0.5	0.3	---	-0.6	5.1
11/29/2020 11:48 AM	0.5	0.3	---	-0.6	5.1
11/29/2020 11:54 AM	0.5	0.3	---	-0.6	5.0
11/29/2020 12:00 PM	0.5	0.2	---	-0.6	5.0
11/29/2020 12:06 PM	0.6	0.1	---	-0.6	5.0
11/29/2020 12:12 PM	0.6	0.0	---	-0.6	4.9
11/29/2020 12:18 PM	0.6	-0.1	---	-0.6	4.8
11/29/2020 12:24 PM	0.6	-0.1	---	-0.6	4.8
11/29/2020 12:30 PM	0.6	-0.1	---	-0.6	4.9
11/29/2020 12:36 PM	0.6	-0.2	---	-0.6	4.9
11/29/2020 12:42 PM	0.6	-0.2	---	-0.6	4.9
11/29/2020 12:48 PM	0.6	-0.2	---	-0.6	4.9
11/29/2020 12:54 PM	0.6	-0.2	---	-0.6	4.9
11/29/2020 1:00 PM	0.6	-0.2	---	-0.6	5.1
11/29/2020 1:06 PM	0.6	-0.1	---	-0.6	5.2
11/29/2020 1:12 PM	0.6	0.0	---	-0.6	5.1
11/29/2020 1:18 PM	0.6	0.2	---	-0.6	5.1
11/29/2020 1:24 PM	0.6	0.3	---	-0.6	5.2
11/29/2020 1:30 PM	0.5	0.5	---	-0.6	5.1
11/29/2020 1:36 PM	0.5	0.7	---	-0.6	5.0
11/29/2020 1:42 PM	0.5	0.8	---	1.9	4.9
11/29/2020 1:48 PM	0.5	0.8	---	4.7	3.3
11/29/2020 1:54 PM	0.5	0.8	---	3.7	1.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
11/29/2020 2:00 PM	0.5	0.7	---	2.9	1.6
11/29/2020 2:06 PM	0.5	0.5	---	2.5	1.7
11/29/2020 2:12 PM	0.5	0.4	---	1.6	1.8
11/29/2020 2:18 PM	0.5	0.3	---	1.3	1.8
11/29/2020 2:24 PM	0.5	0.3	---	1.2	1.9
11/29/2020 2:30 PM	0.5	0.3	---	1.1	1.9
11/29/2020 2:36 PM	0.5	0.2	---	1.1	1.9
11/29/2020 2:42 PM	0.5	0.1	---	1.1	1.9
11/29/2020 2:48 PM	0.5	0.1	---	1.1	2.0
11/29/2020 2:54 PM	0.5	0.0	---	1.2	2.0
11/29/2020 3:00 PM	0.5	0.0	---	1.2	2.0
11/29/2020 3:06 PM	0.5	0.1	---	1.3	2.1
11/29/2020 3:12 PM	0.5	0.2	---	1.3	2.1
11/29/2020 3:18 PM	0.5	0.4	---	1.3	2.0
11/29/2020 3:24 PM	0.5	0.6	---	1.3	2.0
11/29/2020 3:30 PM	0.5	0.7	---	1.3	2.1
11/29/2020 3:36 PM	0.5	0.8	---	1.3	2.1
11/29/2020 3:42 PM	0.5	0.9	---	1.2	2.1
11/29/2020 3:48 PM	0.5	1.0	---	1.2	2.1
11/29/2020 3:54 PM	0.5	1.1	---	1.2	2.1
11/29/2020 4:00 PM	0.5	1.1	---	1.2	2.1
11/29/2020 4:06 PM	0.5	1.2	---	1.2	2.0
11/29/2020 4:12 PM	0.5	1.3	---	1.2	2.0
11/29/2020 4:18 PM	0.5	1.4	---	1.2	2.0
11/29/2020 4:24 PM	0.5	1.4	---	1.1	2.0
11/29/2020 4:30 PM	0.5	1.4	---	1.1	2.0
11/29/2020 4:36 PM	0.5	1.4	---	0.9	2.0
11/29/2020 4:42 PM	0.5	1.4	---	0.6	2.0
11/29/2020 4:48 PM	0.5	1.4	---	0.6	2.0
11/29/2020 4:54 PM	0.5	1.4	---	0.6	2.0
11/29/2020 5:00 PM	0.5	1.4	---	0.6	2.1
11/29/2020 5:06 PM	0.5	1.4	---	0.6	2.0
11/29/2020 5:12 PM	0.5	1.4	---	0.6	2.1
11/29/2020 5:18 PM	0.5	1.4	---	0.6	2.0
11/29/2020 5:24 PM	0.5	1.4	---	0.6	2.0
11/29/2020 5:30 PM	0.5	1.3	---	0.6	2.0
11/29/2020 5:36 PM	0.5	1.3	---	0.7	2.0
11/29/2020 5:42 PM	0.5	1.3	---	0.6	2.1
11/29/2020 5:48 PM	0.5	1.3	---	0.6	2.1
11/29/2020 5:54 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:00 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:06 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:12 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:18 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:24 PM	0.4	1.3	---	0.6	2.1
11/29/2020 6:30 PM	0.4	1.3	---	0.7	2.1
11/29/2020 6:36 PM	0.4	1.3	---	0.7	2.1
11/29/2020 6:42 PM	0.4	1.3	---	0.7	2.1
11/29/2020 6:48 PM	0.4	1.3	---	0.7	2.1
11/29/2020 6:54 PM	0.4	1.3	---	0.7	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/29/2020 7:00 PM	0.4	1.3	---	0.6	2.1
11/29/2020 7:06 PM	0.4	1.3	---	0.6	2.1
11/29/2020 7:12 PM	0.4	1.3	---	0.6	2.1
11/29/2020 7:18 PM	0.4	1.3	---	0.6	2.1
11/29/2020 7:24 PM	0.4	1.4	---	0.6	2.1
11/29/2020 7:30 PM	0.4	1.4	---	0.6	2.1
11/29/2020 7:36 PM	0.4	1.4	---	0.6	2.1
11/29/2020 7:42 PM	0.4	1.4	---	0.6	2.2
11/29/2020 7:48 PM	0.4	1.4	---	0.6	2.2
11/29/2020 7:54 PM	0.4	1.4	---	0.6	2.2
11/29/2020 8:00 PM	0.4	1.4	---	0.6	2.1
11/29/2020 8:06 PM	0.4	1.5	---	0.6	2.1
11/29/2020 8:12 PM	0.4	1.5	---	0.6	2.1
11/29/2020 8:18 PM	0.4	1.4	---	0.6	2.2
11/29/2020 8:24 PM	0.4	1.4	---	0.6	2.2
11/29/2020 8:30 PM	0.4	1.4	---	0.6	2.1
11/29/2020 8:36 PM	0.4	1.4	---	0.6	2.2
11/29/2020 8:42 PM	0.4	1.4	---	0.6	2.2
11/29/2020 8:48 PM	0.4	1.5	---	0.6	2.2
11/29/2020 8:54 PM	0.4	1.5	---	0.6	2.2
11/29/2020 9:00 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:06 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:12 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:18 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:24 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:30 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:36 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:42 PM	0.4	1.5	---	0.6	2.1
11/29/2020 9:48 PM	0.4	1.5	---	0.6	2.2
11/29/2020 9:54 PM	0.4	1.4	---	0.6	2.2
11/29/2020 10:00 PM	0.4	1.4	---	0.6	2.2
11/29/2020 10:06 PM	0.4	1.4	---	0.6	2.2
11/29/2020 10:12 PM	0.4	1.4	---	0.6	2.2
11/29/2020 10:18 PM	0.4	1.4	---	0.6	2.2
11/29/2020 10:24 PM	0.4	1.4	---	0.6	2.1
11/29/2020 10:30 PM	0.4	1.3	---	0.6	2.1
11/29/2020 10:36 PM	0.4	1.3	---	0.6	2.1
11/29/2020 10:42 PM	0.4	1.3	---	0.6	2.1
11/29/2020 10:48 PM	0.4	1.3	---	0.6	2.1
11/29/2020 10:54 PM	0.4	1.3	---	0.6	2.1
11/29/2020 11:00 PM	0.4	1.3	---	0.6	2.1
11/29/2020 11:06 PM	0.4	1.3	---	0.6	2.0
11/29/2020 11:12 PM	0.4	1.3	---	0.6	2.0
11/29/2020 11:18 PM	0.4	1.3	---	0.6	2.0
11/29/2020 11:24 PM	0.4	1.4	---	0.6	2.0
11/29/2020 11:30 PM	0.4	1.4	---	0.6	2.0
11/29/2020 11:36 PM	0.4	1.4	---	0.6	2.0
11/29/2020 11:42 PM	0.4	1.4	---	0.6	2.0
11/29/2020 11:48 PM	0.4	1.4	---	0.6	2.0
11/29/2020 11:54 PM	0.4	1.4	---	0.6	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/30/2020 12:00 AM	0.4	1.4	---	0.6	2.0
11/30/2020 12:06 AM	0.4	15.6	---	0.6	2.0
11/30/2020 12:12 AM	0.4	16.5	---	0.6	2.0
11/30/2020 12:18 AM	0.4	5.1	---	0.6	2.0
11/30/2020 12:24 AM	0.4	3.5	---	0.6	2.1
11/30/2020 12:30 AM	0.4	3.1	---	0.6	2.0
11/30/2020 12:36 AM	0.4	2.5	---	0.2	2.7
11/30/2020 12:42 AM	0.4	2.1	---	-0.5	2.8
11/30/2020 12:48 AM	0.4	1.7	---	-0.6	2.6
11/30/2020 12:54 AM	0.4	1.6	---	-0.6	2.5
11/30/2020 1:00 AM	0.4	1.4	---	-0.6	2.4
11/30/2020 1:06 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 1:12 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 1:18 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 1:24 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 1:30 AM	0.4	1.1	---	-0.6	2.3
11/30/2020 1:36 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 1:42 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 1:48 AM	0.4	1.2	---	-0.7	2.3
11/30/2020 1:54 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:00 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:06 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:12 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:18 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:24 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:30 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:36 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:42 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:48 AM	0.4	1.2	---	-0.6	2.3
11/30/2020 2:54 AM	0.4	1.3	---	-0.6	2.3
11/30/2020 3:00 AM	0.4	1.3	---	-0.6	2.2
11/30/2020 3:06 AM	0.4	1.3	---	-0.6	2.2
11/30/2020 3:12 AM	0.5	1.3	---	-0.6	2.2
11/30/2020 3:18 AM	0.5	1.3	---	-0.6	2.3
11/30/2020 3:24 AM	0.5	1.3	---	-0.6	2.3
11/30/2020 3:30 AM	0.5	1.3	---	-0.6	2.2
11/30/2020 3:36 AM	0.5	1.3	---	-0.6	2.2
11/30/2020 3:42 AM	0.5	1.3	---	-0.6	2.3
11/30/2020 3:48 AM	0.5	1.3	---	-0.6	2.3
11/30/2020 3:54 AM	0.5	1.3	---	-0.6	2.4
11/30/2020 4:00 AM	0.5	1.3	---	-0.6	2.4
11/30/2020 4:06 AM	0.5	1.2	---	-0.6	2.4
11/30/2020 4:12 AM	0.5	1.2	---	-0.6	2.4
11/30/2020 4:18 AM	0.5	1.2	---	-0.6	2.5
11/30/2020 4:24 AM	0.5	1.2	---	-0.6	2.5
11/30/2020 4:30 AM	0.5	1.2	---	-0.6	2.5
11/30/2020 4:36 AM	0.5	1.3	---	-0.6	2.5
11/30/2020 4:42 AM	0.5	1.3	---	-0.6	2.4
11/30/2020 4:48 AM	0.5	1.3	---	-0.5	2.4
11/30/2020 4:54 AM	0.5	1.3	---	-0.6	2.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/30/2020 5:00 AM	0.5	1.3	---	-0.5	2.4
11/30/2020 5:06 AM	0.5	1.3	---	-0.5	2.5
11/30/2020 5:12 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 5:18 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 5:24 AM	0.4	1.2	---	-0.6	2.5
11/30/2020 5:30 AM	0.4	1.3	---	-0.6	2.5
11/30/2020 5:36 AM	0.4	1.3	---	-0.6	2.5
11/30/2020 5:42 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 5:48 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 5:54 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:00 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:06 AM	0.4	1.2	---	-0.6	2.4
11/30/2020 6:12 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:18 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:24 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:30 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:36 AM	0.4	1.3	---	-0.6	2.4
11/30/2020 6:42 AM	0.5	1.3	---	-0.6	2.4
11/30/2020 6:48 AM	0.5	1.3	---	-0.6	2.4
11/30/2020 6:54 AM	0.5	1.4	---	-0.6	2.5
11/30/2020 7:00 AM	0.5	1.4	---	-0.6	2.5
11/30/2020 7:06 AM	0.5	1.4	---	-0.6	2.5
11/30/2020 7:12 AM	0.5	1.4	---	-0.6	2.5
11/30/2020 7:18 AM	0.5	1.4	---	-0.6	2.9
11/30/2020 7:24 AM	0.5	1.3	---	-0.6	3.2
11/30/2020 7:30 AM	0.5	1.2	---	-0.6	3.1
11/30/2020 7:36 AM	0.5	1.1	---	-0.5	3.1
11/30/2020 7:42 AM	0.5	1.1	---	-0.5	3.1
11/30/2020 7:48 AM	0.6	1.2	---	-0.5	3.2
11/30/2020 7:54 AM	0.6	1.2	---	-0.5	3.1
11/30/2020 8:00 AM	0.6	1.2	---	-0.5	3.4
11/30/2020 8:06 AM	0.6	1.2	---	-0.5	3.9
11/30/2020 8:12 AM	0.6	1.3	---	-0.5	3.8
11/30/2020 8:18 AM	0.7	1.4	---	-0.5	3.7
11/30/2020 8:24 AM	0.7	1.5	---	-0.5	3.7
11/30/2020 8:30 AM	0.7	1.5	---	-0.5	3.7
11/30/2020 8:36 AM	0.7	1.6	---	-0.5	3.7
11/30/2020 8:42 AM	0.6	9.5	---	-0.5	3.8
11/30/2020 8:48 AM	0.7	15.4	---	-0.5	4.0
11/30/2020 8:54 AM	0.7	8.8	---	-0.5	3.9
11/30/2020 9:00 AM	0.7	7.2	---	-0.5	3.8
11/30/2020 9:06 AM	0.7	5.2	---	-0.5	3.9
11/30/2020 9:12 AM	0.7	3.7	---	-0.5	3.9
11/30/2020 9:18 AM	0.7	3.7	---	-0.5	4.0
11/30/2020 9:24 AM	0.7	4.9	---	-0.5	4.0
11/30/2020 9:30 AM	0.7	4.6	---	-0.5	4.0
11/30/2020 9:36 AM	0.7	3.4	---	-0.5	4.1
11/30/2020 9:42 AM	0.7	2.8	---	-0.5	3.9
11/30/2020 9:48 AM	0.7	2.6	---	-0.5	3.8
11/30/2020 9:54 AM	0.7	2.6	---	-0.5	3.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/30/2020 10:00 AM	0.7	2.6	---	-0.5	3.7
11/30/2020 10:06 AM	0.8	2.5	---	-0.5	3.8
11/30/2020 10:12 AM	0.8	2.4	---	-0.5	3.7
11/30/2020 10:18 AM	0.8	2.1	---	-0.5	3.6
11/30/2020 10:24 AM	0.9	1.8	---	-0.5	3.6
11/30/2020 10:30 AM	1.0	1.6	---	-0.4	3.8
11/30/2020 10:36 AM	1.0	1.5	---	-0.4	3.9
11/30/2020 10:42 AM	1.1	1.5	---	-0.4	4.1
11/30/2020 10:48 AM	1.1	1.5	---	-0.4	4.2
11/30/2020 10:54 AM	1.1	1.4	---	-0.4	4.2
11/30/2020 11:00 AM	1.2	1.4	---	-0.4	4.1
11/30/2020 11:06 AM	1.2	1.3	---	1.8	3.9
11/30/2020 11:12 AM	1.2	1.3	---	5.8	3.9
11/30/2020 11:18 AM	1.2	1.8	---	5.9	4.7
11/30/2020 11:24 AM	1.2	2.6	---	5.2	6.7
11/30/2020 11:30 AM	1.3	2.5	---	4.1	7.5
11/30/2020 11:36 AM	1.3	2.3	---	3.5	7.4
11/30/2020 11:42 AM	1.2	2.1	---	3.7	7.5
11/30/2020 11:48 AM	1.2	2.0	---	4.1	7.4
11/30/2020 11:54 AM	1.2	2.3	---	3.6	7.5
11/30/2020 12:00 PM	1.1	2.2	---	2.9	7.3
11/30/2020 12:06 PM	Calib	1.1	---	1.6	6.8
11/30/2020 12:12 PM	OutCal	1.1	---	1.5	6.5
11/30/2020 12:18 PM	OutCal	1.2	---	1.4	6.3
11/30/2020 12:24 PM	OutCal	1.2	---	1.3	6.2
11/30/2020 12:30 PM	OutCal	1.1	---	1.4	6.2
11/30/2020 12:36 PM	OutCal	1.1	---	1.4	6.2
11/30/2020 12:42 PM	OutCal	1.0	---	1.4	6.2
11/30/2020 12:48 PM	OutCal	1.0	---	1.3	6.2
11/30/2020 12:54 PM	OutCal	1.0	---	1.2	6.4
11/30/2020 1:00 PM	OutCal	1.0	---	1.2	6.5
11/30/2020 1:06 PM	OutCal	1.2	---	1.2	6.5
11/30/2020 1:12 PM	OutCal	1.3	---	1.3	6.7
11/30/2020 1:18 PM	OutCal	1.2	---	1.3	7.1
11/30/2020 1:24 PM	OutCal	1.1	---	1.2	7.1
11/30/2020 1:30 PM	OutCal	1.1	---	1.2	7.0
11/30/2020 1:36 PM	OutCal	1.3	---	1.2	7.1
11/30/2020 1:42 PM	OutCal	1.4	---	1.2	7.0
11/30/2020 1:48 PM	OutCal	1.4	---	1.1	6.8
11/30/2020 1:54 PM	OutCal	1.4	---	1.2	6.4
11/30/2020 2:00 PM	OutCal	1.4	---	1.3	6.3
11/30/2020 2:06 PM	OutCal	1.3	---	1.3	6.2
11/30/2020 2:12 PM	OutCal	1.3	---	1.2	6.4
11/30/2020 2:18 PM	OutCal	1.3	---	1.2	6.6
11/30/2020 2:24 PM	OutCal	1.2	---	1.2	6.4
11/30/2020 2:30 PM	OutCal	1.2	---	1.2	6.5
11/30/2020 2:36 PM	OutCal	1.4	---	1.5	6.9
11/30/2020 2:42 PM	OutCal	1.4	---	1.7	6.9
11/30/2020 2:48 PM	OutCal	1.3	---	1.6	6.6
11/30/2020 2:54 PM	OutCal	1.3	---	1.7	6.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Report Name:

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Start of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/30/2020 3:00 PM	OutCal	1.4	---	1.5	6.9
11/30/2020 3:06 PM	OutCal	1.3	---	1.3	7.0
11/30/2020 3:12 PM	OutCal	1.3	---	1.4	6.7
11/30/2020 3:18 PM	OutCal	1.3	---	1.4	6.2
11/30/2020 3:24 PM	OutCal	1.3	---	1.5	5.9
11/30/2020 3:30 PM	OutCal	1.3	---	1.5	6.0
11/30/2020 3:36 PM	OutCal	1.3	---	1.4	5.8
11/30/2020 3:42 PM	OutCal	1.3	---	1.5	5.8
11/30/2020 3:48 PM	Calib	1.3	---	1.7	5.9
11/30/2020 3:54 PM	<Samp	1.2	---	1.7	5.8
11/30/2020 4:00 PM	-5.133B	1.2	---	1.6	5.9
11/30/2020 4:06 PM	-5.13B	1.2	---	1.4	6.2
11/30/2020 4:12 PM	-5.129B	1.2	---	1.4	6.4
11/30/2020 4:18 PM	-5.125B	1.3	---	1.4	6.4
11/30/2020 4:24 PM	-5.12B	1.2	---	1.4	6.4
11/30/2020 4:30 PM	-5.112B	1.3	---	1.4	6.4
11/30/2020 4:36 PM	-5.109B	1.4	---	1.5	6.3
11/30/2020 4:42 PM	-5.106B	1.4	---	1.4	6.1
11/30/2020 4:48 PM	-5.1B	1.4	---	1.5	6.1
11/30/2020 4:54 PM	-5.098B	1.4	---	1.5	6.2
11/30/2020 5:00 PM	-5.095B	1.5	---	1.6	6.1
11/30/2020 5:06 PM	-5.096B	1.5	---	1.5	5.9
11/30/2020 5:12 PM	-5.104B	1.5	---	1.5	6.0
11/30/2020 5:18 PM	-5.101B	1.4	---	1.5	6.0
11/30/2020 5:24 PM	-5.092B	1.4	---	1.5	6.0
11/30/2020 5:30 PM	-5.094B	1.4	---	1.5	6.1
11/30/2020 5:36 PM	-5.098B	1.4	---	1.5	6.5
11/30/2020 5:42 PM	-5.078B	1.5	---	1.6	6.7
11/30/2020 5:48 PM	-5.025B	1.5	---	1.6	6.1
11/30/2020 5:54 PM	-4.953B	1.6	---	1.6	6.0
11/30/2020 6:00 PM	-4.904B	1.5	---	1.5	6.1
11/30/2020 6:06 PM	-4.888B	1.3	---	1.5	6.3
11/30/2020 6:12 PM	-4.887B	1.3	---	1.6	6.2
11/30/2020 6:18 PM	-4.884B	0.4	---	1.7	6.0
11/30/2020 6:24 PM	-4.903B	-0.9	---	1.8	6.1
11/30/2020 6:30 PM	-4.918B	-1.3	---	1.7	6.1
11/30/2020 6:36 PM	-4.911B	-1.2	---	1.6	6.2
11/30/2020 6:42 PM	-4.923B	-1.2	---	1.6	6.5
11/30/2020 6:48 PM	-4.955B	-1.2	---	1.2	6.5
11/30/2020 6:54 PM	-4.998B	-1.3	---	0.5	6.4
11/30/2020 7:00 PM	-5.034B	-1.3	---	0.4	6.1
11/30/2020 7:06 PM	-5.058B	-1.3	---	0.4	6.1
11/30/2020 7:12 PM	-5.076B	-1.4	---	0.4	6.1
11/30/2020 7:18 PM	-5.087B	-1.5	---	0.4	6.3
11/30/2020 7:24 PM	-5.095B	-1.5	---	0.4	6.5
11/30/2020 7:30 PM	-5.106B	-1.4	---	0.4	6.7
11/30/2020 7:36 PM	-5.113B	-1.5	---	0.4	6.8
11/30/2020 7:42 PM	-5.11B	-1.5	---	0.3	6.8
11/30/2020 7:48 PM	-5.083B	-1.4	---	0.3	7.0
11/30/2020 7:54 PM	-5.046B	-1.5	---	0.3	7.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
11/30/2020 8:00 PM	-5.014B	-1.5	---	0.3	6.8
11/30/2020 8:06 PM	-5.005B	-1.5	---	0.2	6.5
11/30/2020 8:12 PM	-5.015B	-1.5	---	0.3	6.4
11/30/2020 8:18 PM	-5.047B	-1.5	---	0.3	6.2
11/30/2020 8:24 PM	-5.073B	-1.5	---	0.3	6.2
11/30/2020 8:30 PM	-5.11B	-1.5	---	0.3	6.1
11/30/2020 8:36 PM	-5.146B	-1.5	---	0.3	6.2
11/30/2020 8:42 PM	-5.173B	-1.5	---	0.2	6.3
11/30/2020 8:48 PM	-5.189B	-1.6	---	0.2	6.4
11/30/2020 8:54 PM	-5.212B	-1.6	---	0.2	6.3
11/30/2020 9:00 PM	-5.227B	-1.6	---	0.2	6.2
11/30/2020 9:06 PM	-5.233B	-1.6	---	0.2	6.2
11/30/2020 9:12 PM	-5.236B	-1.5	---	0.1	6.2
11/30/2020 9:18 PM	-5.237B	-1.6	---	0.1	6.2
11/30/2020 9:24 PM	-5.24B	-1.6	---	0.1	6.1
11/30/2020 9:30 PM	-5.246B	-1.6	---	0.1	6.0
11/30/2020 9:36 PM	-5.249B	-1.5	---	0.1	6.1
11/30/2020 9:42 PM	-5.249B	-1.5	---	0.1	6.1
11/30/2020 9:48 PM	-5.246B	-1.6	---	0.2	6.0
11/30/2020 9:54 PM	-5.246B	-1.6	---	0.3	5.9
11/30/2020 10:00 PM	-5.248B	-1.6	---	0.3	6.0
11/30/2020 10:06 PM	-5.248B	-1.6	---	0.3	5.9
11/30/2020 10:12 PM	-5.246B	-1.6	---	0.3	5.8
11/30/2020 10:18 PM	-5.244B	-1.6	---	0.3	5.8
11/30/2020 10:24 PM	-5.244B	-1.6	---	0.3	5.5
11/30/2020 10:30 PM	-5.247B	-1.6	---	0.3	5.3
11/30/2020 10:36 PM	-5.251B	-1.6	---	0.3	5.4
11/30/2020 10:42 PM	-5.252B	-1.6	---	0.3	5.3
11/30/2020 10:48 PM	-5.254B	-1.6	---	0.3	5.1
11/30/2020 10:54 PM	-5.255B	-1.6	---	0.3	4.1
11/30/2020 11:00 PM	-5.257B	-1.6	---	0.2	2.2
11/30/2020 11:06 PM	-5.256B	-1.6	---	0.2	1.6
11/30/2020 11:12 PM	-5.253B	-1.6	---	0.2	1.8
11/30/2020 11:18 PM	-5.251B	-1.6	---	0.2	1.9
11/30/2020 11:24 PM	-5.248B	-1.6	---	0.2	1.9
11/30/2020 11:30 PM	-5.244B	-1.5	---	0.2	1.9
11/30/2020 11:36 PM	-5.242B	-1.6	---	0.1	1.9
11/30/2020 11:42 PM	-5.241B	-1.6	---	0.1	2.0
11/30/2020 11:48 PM	-5.237B	-1.6	---	0.1	2.0
11/30/2020 11:54 PM	-5.232B	-1.6	---	0.1	1.8
12/1/2020 12:00 AM	-5.234B	-1.6	---	0.2	1.5
12/1/2020 12:06 AM	-5.237B	-1.6	---	0.2	1.3
12/1/2020 12:12 AM	-5.24B	-1.6	---	0.2	1.2
12/1/2020 12:18 AM	-5.242B	-1.6	---	0.2	1.3
12/1/2020 12:24 AM	-5.24B	-1.6	---	0.2	1.4
12/1/2020 12:30 AM	-5.239B	-1.6	---	0.2	1.4
12/1/2020 12:36 AM	-5.24B	-1.6	---	0.1	1.4
12/1/2020 12:42 AM	-5.244B	-1.6	---	0.2	1.4
12/1/2020 12:48 AM	-5.249B	-1.5	---	0.2	1.5
12/1/2020 12:54 AM	-5.256B	-1.5	---	0.2	1.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/1/2020 1:00 AM	-5.266B	-1.5	---	0.2	0.8
12/1/2020 1:06 AM	-5.271B	-1.5	---	0.2	-0.4
12/1/2020 1:12 AM	-5.273B	-1.6	---	0.2	-0.7
12/1/2020 1:18 AM	-5.278B	-1.6	---	0.2	-0.6
12/1/2020 1:24 AM	-5.288B	-1.6	---	0.2	-0.6
12/1/2020 1:30 AM	-5.294B	-1.6	---	0.2	-0.7
12/1/2020 1:36 AM	-5.298B	-1.5	---	0.3	-0.7
12/1/2020 1:42 AM	-5.303B	-1.6	---	0.7	-0.7
12/1/2020 1:48 AM	-5.3B	-1.6	---	0.7	-0.7
12/1/2020 1:54 AM	-5.292B	-1.5	---	0.8	-0.7
12/1/2020 2:00 AM	-5.287B	-1.5	---	0.8	-0.6
12/1/2020 2:06 AM	-5.28B	-1.6	---	0.9	-0.7
12/1/2020 2:12 AM	-5.275B	-1.6	---	0.9	-0.7
12/1/2020 2:18 AM	-5.283B	-1.6	---	0.9	-0.7
12/1/2020 2:24 AM	-5.293B	-1.5	---	0.9	-0.7
12/1/2020 2:30 AM	-5.3B	-1.5	---	0.8	-0.7
12/1/2020 2:36 AM	-5.309B	-1.5	---	0.8	-0.7
12/1/2020 2:42 AM	-5.313B	-1.6	---	1.1	-0.7
12/1/2020 2:48 AM	-5.318B	-1.5	---	1.5	-0.6
12/1/2020 2:54 AM	-5.329B	-1.5	---	1.6	-0.6
12/1/2020 3:00 AM	-5.343B	-1.6	---	1.7	-0.7
12/1/2020 3:06 AM	-5.353B	-1.6	---	1.6	-0.7
12/1/2020 3:12 AM	-5.359B	-1.5	---	1.5	-0.7
12/1/2020 3:18 AM	-5.364B	-1.6	---	1.5	-0.7
12/1/2020 3:24 AM	-5.371B	-1.5	---	1.4	-0.7
12/1/2020 3:30 AM	-5.38B	-1.5	---	1.4	-0.7
12/1/2020 3:36 AM	-5.386B	-1.6	---	1.4	-0.7
12/1/2020 3:42 AM	-5.388B	-1.6	---	1.5	-0.7
12/1/2020 3:48 AM	-5.389B	-1.6	---	1.5	-0.7
12/1/2020 3:54 AM	-5.385B	-1.6	---	1.5	-0.7
12/1/2020 4:00 AM	-5.379B	-1.6	---	1.5	-0.7
12/1/2020 4:06 AM	-5.375B	-1.6	---	1.4	-0.7
12/1/2020 4:12 AM	-5.375B	-1.6	---	1.3	-0.7
12/1/2020 4:18 AM	-5.379B	-1.6	---	1.2	-0.7
12/1/2020 4:24 AM	-5.384B	-1.6	---	1.2	-0.7
12/1/2020 4:30 AM	-5.385B	-1.6	---	1.2	-0.7
12/1/2020 4:36 AM	-5.386B	-1.6	---	1.1	-0.7
12/1/2020 4:42 AM	-5.386B	-1.6	---	1.0	-0.7
12/1/2020 4:48 AM	-5.389B	-1.6	---	0.8	-0.7
12/1/2020 4:54 AM	-5.393B	-1.6	---	0.8	-0.7
12/1/2020 5:00 AM	-5.398B	-1.6	---	0.8	-0.7
12/1/2020 5:06 AM	-5.403B	-1.6	---	0.8	-0.7
12/1/2020 5:12 AM	-5.403B	-1.6	---	0.8	-0.7
12/1/2020 5:18 AM	-5.404B	-1.6	---	0.9	-0.7
12/1/2020 5:24 AM	-5.405B	-1.5	---	0.9	-0.7
12/1/2020 5:30 AM	-5.403B	-1.5	---	0.8	-0.7
12/1/2020 5:36 AM	-5.4B	-1.5	---	0.8	-0.7
12/1/2020 5:42 AM	-5.398B	-1.6	---	0.8	-0.7
12/1/2020 5:48 AM	-5.396B	-1.6	---	0.9	-0.7
12/1/2020 5:54 AM	-5.393B	-1.6	---	0.9	-0.7

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Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/1/2020 6:00 AM	-5.393B	-1.5	---	1.0	-0.7
12/1/2020 6:06 AM	-5.395B	-1.6	---	1.0	-0.7
12/1/2020 6:12 AM	-5.399B	-1.6	---	1.0	-0.7
12/1/2020 6:18 AM	-5.394B	-1.6	---	1.0	-0.7
12/1/2020 6:24 AM	-5.388B	-1.5	---	1.0	-0.7
12/1/2020 6:30 AM	-5.387B	-1.5	---	1.0	-0.7
12/1/2020 6:36 AM	-5.389B	-1.5	---	1.0	-0.7
12/1/2020 6:42 AM	-5.392B	-1.5	---	1.0	-0.7
12/1/2020 6:48 AM	-5.401B	-1.5	---	1.1	-0.7
12/1/2020 6:54 AM	-5.417B	-1.5	---	1.0	-0.7
12/1/2020 7:00 AM	-5.435B	-1.5	---	1.0	-0.7
12/1/2020 7:06 AM	-5.441B	-1.5	---	0.8	-0.7
12/1/2020 7:12 AM	-5.444B	-1.5	---	0.2	-0.7
12/1/2020 7:18 AM	-5.452B	-1.5	---	0.0	-0.7
12/1/2020 7:24 AM	-5.461B	-1.5	---	0.0	-0.7
12/1/2020 7:30 AM	-5.467B	-1.5	---	0.0	-0.7
12/1/2020 7:36 AM	-5.47B	-1.5	---	0.1	-0.7
12/1/2020 7:42 AM	-5.475B	-1.5	---	0.0	-0.7
12/1/2020 7:48 AM	-5.481B	-1.5	---	0.0	-0.7
12/1/2020 7:54 AM	-5.486B	-1.5	---	0.0	-0.7
12/1/2020 8:00 AM	-5.498B	-1.5	---	0.0	-0.7
12/1/2020 8:06 AM	-5.51B	-1.5	---	0.1	-0.7
12/1/2020 8:12 AM	-5.515B	-1.5	---	0.2	-0.7
12/1/2020 8:18 AM	-5.52B	-1.6	---	0.2	-0.7
12/1/2020 8:24 AM	-5.523B	-1.6	---	0.3	-0.7
12/1/2020 8:30 AM	-5.528B	-1.5	---	0.4	-0.7
12/1/2020 8:36 AM	-5.541B	-1.5	---	0.4	-0.7
12/1/2020 8:42 AM	-5.548B	-1.6	---	0.3	-0.7
12/1/2020 8:48 AM	-5.553B	-1.6	---	0.3	-0.7
12/1/2020 8:54 AM	-5.552B	-1.6	---	0.3	-0.7
12/1/2020 9:00 AM	-5.556B	-1.6	---	0.3	-0.7
12/1/2020 9:06 AM	-5.561B	-1.6	---	0.4	-0.7
12/1/2020 9:12 AM	-5.562B	-1.6	---	0.4	-0.7
12/1/2020 9:18 AM	-5.563B	-1.6	---	0.1	-0.8
12/1/2020 9:24 AM	-5.571B	-1.6	---	-0.2	-0.8
12/1/2020 9:30 AM	-5.578B	-1.5	---	-0.3	-0.8
12/1/2020 9:36 AM	-5.58B	-1.6	---	-0.2	-0.7
12/1/2020 9:42 AM	-5.584B	-1.6	---	-0.1	-0.7
12/1/2020 9:48 AM	-5.591B	-1.6	---	-0.1	-0.7
12/1/2020 9:54 AM	-5.599B	-1.6	---	-0.2	10.9
12/1/2020 10:00 AM	-5.604B	-1.6	---	-0.1	18.8
12/1/2020 10:06 AM	-5.605B	-1.6	---	-0.1	2.5
12/1/2020 10:12 AM	-5.605B	-1.6	---	-0.1	-0.3
12/1/2020 10:18 AM	-5.61B	-1.5	---	0.0	-0.5
12/1/2020 10:24 AM	-5.616B	-1.6	---	0.1	-0.6
12/1/2020 10:30 AM	-5.619B	-1.6	---	0.1	5.0
12/1/2020 10:36 AM	-5.622B	-1.6	---	0.1	11.9
12/1/2020 10:42 AM	-5.626B	-1.6	---	0.1	8.8
12/1/2020 10:48 AM	-5.629B	-1.6	---	0.1	6.4
12/1/2020 10:54 AM	-5.631B	-1.6	---	0.1	6.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/1/2020 11:00 AM	-5.637B	-1.6	---	0.2	5.6
12/1/2020 11:06 AM	-5.643B	-1.6	---	0.2	5.5
12/1/2020 11:12 AM	-5.651B	-1.6	---	0.2	5.3
12/1/2020 11:18 AM	-5.657B	-1.6	---	0.2	4.4
12/1/2020 11:24 AM	-5.66B	-1.6	---	0.2	3.6
12/1/2020 11:30 AM	-5.663B	-1.6	---	0.2	3.2
12/1/2020 11:36 AM	<Samp	<Samp	---	<Samp	<Samp
12/1/2020 11:42 AM	Maintain	Maintain	---	Maintain	Maintain
12/1/2020 11:48 AM	NoData	Maintain	---	Maintain	Maintain
12/1/2020 11:54 AM	<Samp	<Samp	---	<Samp	<Samp
12/1/2020 12:00 PM	Calib	Calib	---	Calib	Calib
12/1/2020 12:06 PM	0.2	0.4	---	1.3	2.6
12/1/2020 12:12 PM	0.2	0.2	---	1.2	2.6
12/1/2020 12:18 PM	0.2	0.2	---	1.2	2.5
12/1/2020 12:24 PM	0.2	0.2	---	1.2	2.5
12/1/2020 12:30 PM	0.3	0.3	---	1.2	2.5
12/1/2020 12:36 PM	0.3	0.3	---	1.2	2.6
12/1/2020 12:42 PM	0.2	0.3	---	1.2	2.6
12/1/2020 12:48 PM	0.2	0.3	---	1.2	2.5
12/1/2020 12:54 PM	0.2	0.3	---	1.2	2.5
12/1/2020 1:00 PM	0.3	0.3	---	1.2	2.4
12/1/2020 1:06 PM	0.3	0.3	---	1.1	2.4
12/1/2020 1:12 PM	0.3	0.3	---	1.2	2.5
12/1/2020 1:18 PM	0.3	0.3	---	1.2	2.5
12/1/2020 1:24 PM	0.4	0.3	---	1.2	2.4
12/1/2020 1:30 PM	0.4	0.3	---	1.2	2.3
12/1/2020 1:36 PM	0.4	0.4	---	1.2	2.3
12/1/2020 1:42 PM	0.4	0.4	---	0.9	2.3
12/1/2020 1:48 PM	0.4	0.4	---	0.6	2.3
12/1/2020 1:54 PM	0.3	0.4	---	0.7	2.3
12/1/2020 2:00 PM	0.3	0.4	---	0.8	2.4
12/1/2020 2:06 PM	0.3	0.4	---	0.8	2.3
12/1/2020 2:12 PM	0.3	0.4	---	0.8	2.3
12/1/2020 2:18 PM	0.3	0.4	---	0.8	2.3
12/1/2020 2:24 PM	0.3	0.4	---	0.8	2.4
12/1/2020 2:30 PM	0.3	0.5	---	0.9	2.4
12/1/2020 2:36 PM	0.3	0.5	---	0.9	2.3
12/1/2020 2:42 PM	0.3	0.4	---	1.0	2.2
12/1/2020 2:48 PM	0.3	0.4	---	1.0	2.3
12/1/2020 2:54 PM	0.3	0.4	---	1.1	2.3
12/1/2020 3:00 PM	0.3	0.5	---	1.1	2.3
12/1/2020 3:06 PM	0.3	0.5	---	1.1	2.3
12/1/2020 3:12 PM	0.3	0.5	---	1.1	2.3
12/1/2020 3:18 PM	0.3	0.5	---	1.1	2.3
12/1/2020 3:24 PM	0.2	0.5	---	1.1	2.2
12/1/2020 3:30 PM	0.2	0.5	---	1.1	2.2
12/1/2020 3:36 PM	0.2	0.5	---	1.1	2.2
12/1/2020 3:42 PM	0.2	0.5	---	1.2	2.2
12/1/2020 3:48 PM	0.2	0.6	---	1.1	2.2
12/1/2020 3:54 PM	0.2	0.6	---	1.0	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/1/2020 4:00 PM	0.2	0.5	---	1.0	2.2
12/1/2020 4:06 PM	0.2	0.5	---	0.8	2.2
12/1/2020 4:12 PM	0.2	0.6	---	0.8	2.1
12/1/2020 4:18 PM	0.2	0.6	---	0.8	2.2
12/1/2020 4:24 PM	0.2	0.6	---	0.9	2.2
12/1/2020 4:30 PM	0.2	0.6	---	0.8	2.2
12/1/2020 4:36 PM	0.2	0.6	---	0.7	2.2
12/1/2020 4:42 PM	0.2	0.6	---	0.7	2.2
12/1/2020 4:48 PM	0.2	0.6	---	0.8	2.2
12/1/2020 4:54 PM	0.2	0.6	---	0.8	2.2
12/1/2020 5:00 PM	0.2	0.6	---	0.8	2.2
12/1/2020 5:06 PM	0.2	0.6	---	0.8	2.2
12/1/2020 5:12 PM	0.2	0.7	---	0.8	2.2
12/1/2020 5:18 PM	0.2	0.7	---	0.8	2.2
12/1/2020 5:24 PM	0.2	0.7	---	0.8	2.2
12/1/2020 5:30 PM	0.2	0.7	---	0.8	2.2
12/1/2020 5:36 PM	0.2	0.6	---	0.8	2.2
12/1/2020 5:42 PM	0.2	0.7	---	0.7	2.2
12/1/2020 5:48 PM	0.2	0.7	---	0.7	2.2
12/1/2020 5:54 PM	0.2	0.7	---	0.8	2.2
12/1/2020 6:00 PM	0.2	0.7	---	0.8	2.1
12/1/2020 6:06 PM	0.2	0.7	---	0.8	2.1
12/1/2020 6:12 PM	0.2	0.7	---	0.8	2.1
12/1/2020 6:18 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:24 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:30 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:36 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:42 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:48 PM	0.2	0.8	---	0.7	2.1
12/1/2020 6:54 PM	0.2	0.8	---	0.7	2.1
12/1/2020 7:00 PM	0.2	0.8	---	0.8	2.2
12/1/2020 7:06 PM	0.2	0.9	---	0.8	2.2
12/1/2020 7:12 PM	0.1	0.8	---	0.8	2.1
12/1/2020 7:18 PM	0.1	0.8	---	0.8	2.2
12/1/2020 7:24 PM	0.1	0.8	---	0.8	2.2
12/1/2020 7:30 PM	0.1	0.9	---	0.9	2.2
12/1/2020 7:36 PM	0.1	0.9	---	0.8	2.2
12/1/2020 7:42 PM	0.1	1.0	---	0.8	2.2
12/1/2020 7:48 PM	0.1	1.0	---	0.8	2.2
12/1/2020 7:54 PM	0.1	1.0	---	0.8	2.2
12/1/2020 8:00 PM	0.1	1.0	---	0.8	2.2
12/1/2020 8:06 PM	0.1	1.0	---	0.8	2.2
12/1/2020 8:12 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:18 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:24 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:30 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:36 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:42 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:48 PM	0.1	1.0	---	0.8	2.1
12/1/2020 8:54 PM	0.1	1.0	---	0.7	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/1/2020 9:00 PM	0.1	1.0	---	0.7	2.1
12/1/2020 9:06 PM	0.1	1.0	---	0.7	2.1
12/1/2020 9:12 PM	0.1	1.0	---	0.7	2.1
12/1/2020 9:18 PM	0.1	1.0	---	0.6	2.2
12/1/2020 9:24 PM	0.1	1.1	---	0.7	2.2
12/1/2020 9:30 PM	0.1	1.1	---	0.7	2.2
12/1/2020 9:36 PM	0.1	1.1	---	0.7	2.2
12/1/2020 9:42 PM	0.1	1.1	---	0.7	2.2
12/1/2020 9:48 PM	0.1	1.1	---	0.7	2.2
12/1/2020 9:54 PM	0.0	1.1	---	0.7	2.2
12/1/2020 10:00 PM	0.0	1.1	---	0.8	2.2
12/1/2020 10:06 PM	0.0	1.1	---	0.7	2.1
12/1/2020 10:12 PM	0.0	1.1	---	0.8	2.1
12/1/2020 10:18 PM	0.0	1.1	---	0.8	2.1
12/1/2020 10:24 PM	0.0	1.1	---	0.8	2.1
12/1/2020 10:30 PM	0.0	1.1	---	0.8	2.1
12/1/2020 10:36 PM	0.0	1.1	---	0.8	2.1
12/1/2020 10:42 PM	0.0	1.1	---	0.9	2.1
12/1/2020 10:48 PM	0.0	1.1	---	0.9	2.1
12/1/2020 10:54 PM	0.0	1.1	---	0.9	2.1
12/1/2020 11:00 PM	0.0	1.1	---	0.9	2.1
12/1/2020 11:06 PM	0.0	1.1	---	0.8	2.1
12/1/2020 11:12 PM	0.0	1.2	---	0.8	2.1
12/1/2020 11:18 PM	0.0	1.2	---	0.8	2.1
12/1/2020 11:24 PM	0.0	1.2	---	0.8	2.2
12/1/2020 11:30 PM	0.0	1.3	---	0.8	2.1
12/1/2020 11:36 PM	0.0	1.3	---	0.8	2.2
12/1/2020 11:42 PM	0.0	1.4	---	0.8	2.2
12/1/2020 11:48 PM	0.0	1.5	---	0.8	2.2
12/1/2020 11:54 PM	0.0	1.5	---	0.8	2.2
12/2/2020 12:00 AM	0.0	1.5	---	0.8	2.2
12/2/2020 12:06 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:12 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:18 AM	0.0	1.4	---	0.8	2.1
12/2/2020 12:24 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:30 AM	0.0	1.5	---	0.8	2.2
12/2/2020 12:36 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:42 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:48 AM	0.0	1.5	---	0.8	2.1
12/2/2020 12:54 AM	0.0	1.5	---	0.7	1.9
12/2/2020 1:00 AM	0.0	1.5	---	0.7	1.9
12/2/2020 1:06 AM	0.0	1.5	---	0.7	1.9
12/2/2020 1:12 AM	0.0	1.5	---	0.7	2.0
12/2/2020 1:18 AM	0.0	1.4	---	0.7	1.9
12/2/2020 1:24 AM	0.0	1.4	---	0.7	1.9
12/2/2020 1:30 AM	0.0	1.4	---	0.7	1.9
12/2/2020 1:36 AM	0.0	1.4	---	1.0	1.3
12/2/2020 1:42 AM	0.0	1.4	---	1.3	0.2
12/2/2020 1:48 AM	0.0	1.4	---	1.2	-0.2
12/2/2020 1:54 AM	0.0	1.4	---	1.2	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/2/2020 2:00 AM	0.0	1.5	---	1.2	-0.3
12/2/2020 2:06 AM	0.0	1.5	---	1.3	-0.3
12/2/2020 2:12 AM	0.0	1.5	---	1.3	-0.3
12/2/2020 2:18 AM	0.0	1.5	---	1.3	-0.3
12/2/2020 2:24 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 2:30 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 2:36 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 2:42 AM	-0.1	1.5	---	1.3	-0.3
12/2/2020 2:48 AM	-0.1	1.4	---	1.3	-0.3
12/2/2020 2:54 AM	-0.1	1.4	---	1.3	-0.3
12/2/2020 3:00 AM	-0.1	1.4	---	1.3	-0.3
12/2/2020 3:06 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:12 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:18 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:24 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:30 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:36 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:42 AM	-0.1	1.4	---	1.2	-0.3
12/2/2020 3:48 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 3:54 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:00 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:06 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:12 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:18 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:24 AM	-0.1	1.5	---	1.2	-0.3
12/2/2020 4:30 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 4:36 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 4:42 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 4:48 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 4:54 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 5:00 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 5:06 AM	-0.1	1.5	---	1.1	-0.3
12/2/2020 5:12 AM	-0.1	1.6	---	1.1	-0.3
12/2/2020 5:18 AM	-0.1	1.6	---	1.1	-0.3
12/2/2020 5:24 AM	-0.1	1.6	---	1.1	-0.3
12/2/2020 5:30 AM	-0.1	1.6	---	1.0	-0.3
12/2/2020 5:36 AM	-0.1	1.7	---	1.0	-0.3
12/2/2020 5:42 AM	-0.1	1.7	---	1.0	-0.3
12/2/2020 5:48 AM	-0.1	1.7	---	1.0	-0.3
12/2/2020 5:54 AM	-0.1	1.8	---	1.0	-0.3
12/2/2020 6:00 AM	-0.1	1.8	---	1.0	-0.3
12/2/2020 6:06 AM	-0.1	1.8	---	1.0	-0.3
12/2/2020 6:12 AM	-0.1	1.9	---	1.0	-0.3
12/2/2020 6:18 AM	-0.1	1.9	---	0.9	-0.3
12/2/2020 6:24 AM	-0.1	1.9	---	0.8	-0.3
12/2/2020 6:30 AM	-0.1	1.9	---	0.8	-0.3
12/2/2020 6:36 AM	-0.1	2.0	---	0.8	-0.3
12/2/2020 6:42 AM	-0.1	2.0	---	0.8	-0.3
12/2/2020 6:48 AM	-0.1	2.0	---	1.0	-0.3
12/2/2020 6:54 AM	-0.1	1.9	---	1.1	-0.3

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North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/2/2020 7:00 AM	0.0	2.0	---	0.2	-0.3
12/2/2020 7:06 AM	0.0	2.0	---	-0.5	-0.3
12/2/2020 7:12 AM	0.0	2.0	---	-0.5	-0.3
12/2/2020 7:18 AM	0.0	2.0	---	-0.5	-0.3
12/2/2020 7:24 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 7:30 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 7:36 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 7:42 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 7:48 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 7:54 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:00 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:06 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:12 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:18 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:24 AM	0.0	2.1	---	-0.5	-0.3
12/2/2020 8:30 AM	0.0	2.2	---	-0.5	-0.3
12/2/2020 8:36 AM	0.0	2.2	---	-0.5	-0.3
12/2/2020 8:42 AM	-0.1	2.3	---	-0.5	-0.3
12/2/2020 8:48 AM	-0.1	2.3	---	-0.5	-0.3
12/2/2020 8:54 AM	0.0	2.2	---	-0.5	-0.3
12/2/2020 9:00 AM	0.0	2.3	---	-0.5	-0.3
12/2/2020 9:06 AM	-0.1	2.3	---	-0.5	-0.3
12/2/2020 9:12 AM	-0.1	2.4	---	-0.5	-0.3
12/2/2020 9:18 AM	-0.1	2.5	---	-0.5	-0.3
12/2/2020 9:24 AM	-0.1	2.5	---	-0.5	-0.3
12/2/2020 9:30 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 9:36 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 9:42 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 9:48 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 9:54 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 10:00 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 10:06 AM	0.0	2.5	---	-0.5	-0.3
12/2/2020 10:12 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 10:18 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 10:24 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 10:30 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 10:36 AM	0.0	2.5	---	-0.6	-0.3
12/2/2020 10:42 AM	0.0	2.4	---	-0.6	-0.3
12/2/2020 10:48 AM	0.1	2.4	---	-0.6	-0.3
12/2/2020 10:54 AM	0.1	2.4	---	0.5	-0.3
12/2/2020 11:00 AM	0.1	2.4	---	1.7	-0.3
12/2/2020 11:06 AM	0.1	2.5	---	1.3	-0.3
12/2/2020 11:12 AM	0.1	2.5	---	0.9	-0.3
12/2/2020 11:18 AM	0.1	2.5	---	0.9	-0.3
12/2/2020 11:24 AM	0.1	2.4	---	0.9	-0.3
12/2/2020 11:30 AM	0.0	2.4	---	0.9	-0.3
12/2/2020 11:36 AM	0.1	2.5	---	1.0	-0.3
12/2/2020 11:42 AM	0.1	2.5	---	1.1	-0.3
12/2/2020 11:48 AM	0.1	2.5	---	1.2	-0.3
12/2/2020 11:54 AM	0.1	2.5	---	1.3	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/2/2020 12:00 PM	0.4	2.6	---	1.3	-0.3
12/2/2020 12:06 PM	1.2	2.7	---	1.3	-0.2
12/2/2020 12:12 PM	1.2	2.6	---	1.2	-0.2
12/2/2020 12:18 PM	1.2	2.6	---	1.1	-0.2
12/2/2020 12:24 PM	1.2	2.7	---	1.1	-0.2
12/2/2020 12:30 PM	1.2	2.7	---	1.0	-0.2
12/2/2020 12:36 PM	1.2	2.7	---	0.9	-0.2
12/2/2020 12:42 PM	1.2	2.8	---	0.9	-0.2
12/2/2020 12:48 PM	1.2	2.8	---	0.9	-0.2
12/2/2020 12:54 PM	1.2	2.8	---	0.8	-0.2
12/2/2020 1:00 PM	1.2	2.9	---	0.8	-0.2
12/2/2020 1:06 PM	1.2	2.9	---	0.8	-0.2
12/2/2020 1:12 PM	1.2	2.9	---	0.8	-0.2
12/2/2020 1:18 PM	1.2	2.9	---	0.7	-0.2
12/2/2020 1:24 PM	1.2	2.8	---	0.7	-0.2
12/2/2020 1:30 PM	1.2	2.8	---	0.7	-0.2
12/2/2020 1:36 PM	1.2	2.7	---	0.8	7.7
12/2/2020 1:42 PM	1.2	2.8	---	1.1	11.9
12/2/2020 1:48 PM	1.2	2.8	---	1.1	6.3
12/2/2020 1:54 PM	1.2	2.8	---	1.1	4.9
12/2/2020 2:00 PM	1.2	2.9	---	1.0	5.2
12/2/2020 2:06 PM	1.2	2.8	---	1.0	5.4
12/2/2020 2:12 PM	1.2	2.8	---	1.0	4.9
12/2/2020 2:18 PM	1.2	2.8	---	1.0	4.1
12/2/2020 2:24 PM	1.2	2.8	---	1.0	3.4
12/2/2020 2:30 PM	1.2	2.9	---	1.0	3.0
12/2/2020 2:36 PM	1.2	2.9	---	1.0	2.8
12/2/2020 2:42 PM	1.2	2.9	---	0.9	2.6
12/2/2020 2:48 PM	1.2	2.9	---	0.9	2.5
12/2/2020 2:54 PM	1.2	2.9	---	0.9	2.4
12/2/2020 3:00 PM	1.2	2.9	---	0.9	2.4
12/2/2020 3:06 PM	1.2	2.9	---	0.9	2.4
12/2/2020 3:12 PM	1.2	2.9	---	0.9	2.3
12/2/2020 3:18 PM	1.2	2.9	---	0.9	2.2
12/2/2020 3:24 PM	1.2	2.9	---	0.9	2.2
12/2/2020 3:30 PM	1.2	2.9	---	0.9	2.1
12/2/2020 3:36 PM	7.4	2.8	---	0.9	2.1
12/2/2020 3:42 PM	12.8	2.8	---	0.9	2.0
12/2/2020 3:48 PM	12.1	2.7	---	0.9	2.1
12/2/2020 3:54 PM	10.2	2.6	---	0.9	2.1
12/2/2020 4:00 PM	7.7	2.6	---	0.8	2.0
12/2/2020 4:06 PM	7.6	2.6	---	0.8	2.0
12/2/2020 4:12 PM	6.4	2.6	---	0.9	2.0
12/2/2020 4:18 PM	4.7	2.6	---	0.9	2.0
12/2/2020 4:24 PM	3.7	2.6	---	0.9	2.0
12/2/2020 4:30 PM	2.8	2.7	---	0.9	1.9
12/2/2020 4:36 PM	2.1	2.7	---	0.7	1.9
12/2/2020 4:42 PM	1.8	2.7	---	0.6	1.8
12/2/2020 4:48 PM	4.3	2.7	---	0.6	1.9
12/2/2020 4:54 PM	5.8	2.7	---	0.6	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/2/2020 5:00 PM	4.6	2.7	---	0.6	2.0
12/2/2020 5:06 PM	4.1	2.7	---	0.6	2.0
12/2/2020 5:12 PM	7.8	2.7	---	0.6	2.0
12/2/2020 5:18 PM	8.1	2.7	---	0.6	2.0
12/2/2020 5:24 PM	8.1	2.7	---	0.6	2.0
12/2/2020 5:30 PM	7.3	2.7	---	0.6	2.1
12/2/2020 5:36 PM	8.3	2.7	---	0.6	2.1
12/2/2020 5:42 PM	11.4	2.7	---	0.6	2.0
12/2/2020 5:48 PM	13.2	2.8	---	0.4	2.0
12/2/2020 5:54 PM	16.3	2.8	---	1.1	2.4
12/2/2020 6:00 PM	15.4	2.8	---	1.2	2.4
12/2/2020 6:06 PM	9.9	2.8	---	1.1	2.1
12/2/2020 6:12 PM	7.1	2.8	---	1.0	2.1
12/2/2020 6:18 PM	5.4	2.8	---	1.0	2.1
12/2/2020 6:24 PM	4.4	2.8	---	1.0	2.0
12/2/2020 6:30 PM	3.6	2.8	---	0.9	2.0
12/2/2020 6:36 PM	2.9	2.8	---	0.9	2.1
12/2/2020 6:42 PM	2.5	2.8	---	0.9	2.1
12/2/2020 6:48 PM	2.2	2.8	---	1.0	2.1
12/2/2020 6:54 PM	2.1	2.8	---	1.0	2.1
12/2/2020 7:00 PM	2.0	2.8	---	1.0	2.1
12/2/2020 7:06 PM	1.9	2.8	---	0.9	2.1
12/2/2020 7:12 PM	1.9	2.8	---	0.9	2.1
12/2/2020 7:18 PM	1.8	2.8	---	1.0	2.1
12/2/2020 7:24 PM	1.8	2.8	---	1.0	2.1
12/2/2020 7:30 PM	1.7	2.9	---	1.0	2.1
12/2/2020 7:36 PM	1.7	2.8	---	0.9	2.1
12/2/2020 7:42 PM	1.7	2.8	---	0.9	2.1
12/2/2020 7:48 PM	1.7	2.8	---	0.8	2.1
12/2/2020 7:54 PM	1.7	2.8	---	0.8	2.1
12/2/2020 8:00 PM	1.7	2.8	---	0.8	2.1
12/2/2020 8:06 PM	1.6	2.8	---	0.8	2.1
12/2/2020 8:12 PM	1.6	2.8	---	0.8	2.1
12/2/2020 8:18 PM	1.6	2.8	---	0.9	2.2
12/2/2020 8:24 PM	1.6	2.9	---	0.9	2.2
12/2/2020 8:30 PM	1.6	2.9	---	0.8	2.1
12/2/2020 8:36 PM	1.6	2.8	---	0.8	2.1
12/2/2020 8:42 PM	1.6	2.8	---	0.9	2.1
12/2/2020 8:48 PM	1.6	2.8	---	0.9	2.1
12/2/2020 8:54 PM	1.6	2.9	---	0.9	2.1
12/2/2020 9:00 PM	1.6	2.9	---	0.9	2.1
12/2/2020 9:06 PM	1.5	2.9	---	0.9	2.1
12/2/2020 9:12 PM	1.5	2.8	---	0.9	2.2
12/2/2020 9:18 PM	1.5	2.9	---	0.9	2.2
12/2/2020 9:24 PM	1.5	2.9	---	0.9	2.1
12/2/2020 9:30 PM	1.5	2.9	---	0.9	2.2
12/2/2020 9:36 PM	1.4	2.9	---	0.9	2.2
12/2/2020 9:42 PM	1.4	2.9	---	0.9	2.2
12/2/2020 9:48 PM	1.4	2.9	---	0.9	2.1
12/2/2020 9:54 PM	1.4	2.9	---	0.9	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

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4th Quarter 2020

Start of Report:

10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/2/2020 10:00 PM	1.4	2.9	---	1.0	2.1
12/2/2020 10:06 PM	1.4	2.9	---	1.0	2.2
12/2/2020 10:12 PM	1.4	2.9	---	1.0	2.2
12/2/2020 10:18 PM	1.3	2.9	---	1.0	2.2
12/2/2020 10:24 PM	1.3	2.9	---	1.0	2.1
12/2/2020 10:30 PM	1.3	2.9	---	0.9	2.1
12/2/2020 10:36 PM	1.3	2.9	---	0.9	2.2
12/2/2020 10:42 PM	1.3	2.9	---	0.9	2.2
12/2/2020 10:48 PM	1.3	2.9	---	0.9	2.2
12/2/2020 10:54 PM	1.3	2.9	---	0.8	2.2
12/2/2020 11:00 PM	1.3	2.9	---	0.8	2.2
12/2/2020 11:06 PM	1.3	2.9	---	0.9	2.2
12/2/2020 11:12 PM	1.2	2.9	---	0.9	2.2
12/2/2020 11:18 PM	1.2	2.9	---	0.9	2.2
12/2/2020 11:24 PM	1.2	2.9	---	0.8	2.2
12/2/2020 11:30 PM	1.2	2.9	---	0.7	2.1
12/2/2020 11:36 PM	1.2	2.9	---	0.8	2.1
12/2/2020 11:42 PM	1.2	2.9	---	0.8	2.1
12/2/2020 11:48 PM	1.2	2.9	---	0.8	2.2
12/2/2020 11:54 PM	1.2	2.9	---	0.8	2.1
12/3/2020 12:00 AM	1.2	2.9	---	0.8	2.1
12/3/2020 12:06 AM	1.2	2.9	---	0.8	2.1
12/3/2020 12:12 AM	1.2	2.9	---	0.7	2.1
12/3/2020 12:18 AM	1.2	2.9	---	0.7	2.1
12/3/2020 12:24 AM	1.2	2.9	---	0.7	2.1
12/3/2020 12:30 AM	1.2	2.9	---	0.7	2.1
12/3/2020 12:36 AM	1.2	2.9	---	0.7	2.1
12/3/2020 12:42 AM	1.2	3.0	---	0.7	2.1
12/3/2020 12:48 AM	1.2	3.0	---	0.7	2.2
12/3/2020 12:54 AM	1.1	3.0	---	0.7	2.2
12/3/2020 1:00 AM	1.1	3.0	---	0.7	2.2
12/3/2020 1:06 AM	1.1	3.0	---	0.7	2.2
12/3/2020 1:12 AM	1.1	3.0	---	0.7	2.3
12/3/2020 1:18 AM	1.1	3.0	---	0.1	3.3
12/3/2020 1:24 AM	1.1	3.0	---	-0.5	3.4
12/3/2020 1:30 AM	1.1	3.0	---	-0.5	3.0
12/3/2020 1:36 AM	1.1	3.0	---	-0.5	3.0
12/3/2020 1:42 AM	1.1	3.0	---	-0.5	3.0
12/3/2020 1:48 AM	1.1	3.0	---	-0.5	3.1
12/3/2020 1:54 AM	1.1	3.0	---	-0.5	3.1
12/3/2020 2:00 AM	1.1	3.0	---	-0.5	3.0
12/3/2020 2:06 AM	1.1	3.0	---	-0.5	2.9
12/3/2020 2:12 AM	1.1	3.0	---	-0.5	2.9
12/3/2020 2:18 AM	1.1	3.0	---	-0.5	2.9
12/3/2020 2:24 AM	1.1	3.0	---	-0.5	2.6
12/3/2020 2:30 AM	1.1	3.0	---	-0.5	2.4
12/3/2020 2:36 AM	1.1	3.0	---	-0.5	2.4
12/3/2020 2:42 AM	1.1	3.0	---	-0.5	2.4
12/3/2020 2:48 AM	1.1	3.0	---	-0.4	2.4
12/3/2020 2:54 AM	1.1	3.0	---	-0.4	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/3/2020 3:00 AM	1.1	3.0	---	-0.4	2.3
12/3/2020 3:06 AM	1.1	3.0	---	-0.4	2.3
12/3/2020 3:12 AM	1.1	3.0	---	-0.5	2.4
12/3/2020 3:18 AM	1.1	3.0	---	-0.5	2.3
12/3/2020 3:24 AM	1.1	3.0	---	-0.5	2.3
12/3/2020 3:30 AM	1.1	3.0	---	-0.4	2.3
12/3/2020 3:36 AM	1.1	3.0	---	-0.4	2.3
12/3/2020 3:42 AM	1.1	3.0	---	-0.4	2.3
12/3/2020 3:48 AM	1.1	3.0	---	-0.5	2.3
12/3/2020 3:54 AM	1.1	3.0	---	-0.5	2.3
12/3/2020 4:00 AM	1.1	3.0	---	-0.5	2.3
12/3/2020 4:06 AM	1.1	3.0	---	-0.4	2.2
12/3/2020 4:12 AM	1.1	3.0	---	-0.4	2.1
12/3/2020 4:18 AM	1.1	3.0	---	-0.5	1.9
12/3/2020 4:24 AM	1.1	3.0	---	-0.5	1.9
12/3/2020 4:30 AM	1.1	3.0	---	-0.4	2.0
12/3/2020 4:36 AM	1.1	3.0	---	-0.4	2.0
12/3/2020 4:42 AM	1.1	3.0	---	-0.5	2.0
12/3/2020 4:48 AM	1.1	3.0	---	-0.5	2.0
12/3/2020 4:54 AM	1.1	3.0	---	-0.4	1.9
12/3/2020 5:00 AM	1.1	3.0	---	-0.5	2.0
12/3/2020 5:06 AM	1.1	3.0	---	-0.4	2.0
12/3/2020 5:12 AM	1.1	3.0	---	-0.5	2.0
12/3/2020 5:18 AM	1.1	3.0	---	-0.4	2.0
12/3/2020 5:24 AM	1.1	3.0	---	-0.4	1.9
12/3/2020 5:30 AM	1.1	3.0	---	-0.4	1.8
12/3/2020 5:36 AM	1.1	2.9	---	-0.4	1.8
12/3/2020 5:42 AM	1.1	2.9	---	-0.4	1.9
12/3/2020 5:48 AM	1.1	2.9	---	-0.5	1.9
12/3/2020 5:54 AM	1.1	3.0	---	-0.4	1.9
12/3/2020 6:00 AM	1.1	3.0	---	-0.4	2.0
12/3/2020 6:06 AM	1.1	2.9	---	-0.4	2.1
12/3/2020 6:12 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 6:18 AM	1.1	2.9	---	-0.4	2.1
12/3/2020 6:24 AM	1.1	2.9	---	-0.4	2.1
12/3/2020 6:30 AM	1.1	2.9	---	-0.4	2.1
12/3/2020 6:36 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 6:42 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 6:48 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 6:54 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 7:00 AM	1.1	2.9	---	-0.4	2.1
12/3/2020 7:06 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 7:12 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 7:18 AM	1.1	2.9	---	-0.4	2.0
12/3/2020 7:24 AM	1.1	2.9	---	-0.4	1.9
12/3/2020 7:30 AM	1.1	2.9	---	-0.4	1.9
12/3/2020 7:36 AM	1.1	2.9	---	-0.4	2.7
12/3/2020 7:42 AM	1.0	2.9	---	-0.4	3.4
12/3/2020 7:48 AM	1.0	2.8	---	-0.4	3.1
12/3/2020 7:54 AM	1.0	2.7	---	-0.4	3.0

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/3/2020 8:00 AM	1.0	2.6	---	-0.5	3.0
12/3/2020 8:06 AM	1.0	2.6	---	-0.4	2.9
12/3/2020 8:12 AM	1.0	2.7	---	-0.4	2.8
12/3/2020 8:18 AM	1.0	2.8	---	-0.5	2.8
12/3/2020 8:24 AM	1.0	2.8	---	-0.5	2.8
12/3/2020 8:30 AM	1.0	2.9	---	-0.5	3.2
12/3/2020 8:36 AM	1.0	3.0	---	-0.5	4.8
12/3/2020 8:42 AM	1.1	3.1	---	-0.5	5.4
12/3/2020 8:48 AM	1.0	3.2	---	-0.5	5.1
12/3/2020 8:54 AM	1.1	3.2	---	-0.5	5.0
12/3/2020 9:00 AM	1.0	3.2	---	-0.5	4.8
12/3/2020 9:06 AM	1.0	3.3	---	-0.5	4.6
12/3/2020 9:12 AM	1.0	3.3	---	-0.5	4.5
12/3/2020 9:18 AM	1.0	3.4	---	-0.5	4.4
12/3/2020 9:24 AM	1.0	3.4	---	-0.5	4.4
12/3/2020 9:30 AM	1.0	3.4	---	-0.5	4.4
12/3/2020 9:36 AM	1.1	3.4	---	-0.5	4.5
12/3/2020 9:42 AM	1.1	3.4	---	-0.5	4.4
12/3/2020 9:48 AM	1.1	3.4	---	-0.5	4.5
12/3/2020 9:54 AM	1.1	3.4	---	-0.5	4.4
12/3/2020 10:00 AM	1.1	3.4	---	1.5	4.4
12/3/2020 10:06 AM	1.1	3.4	---	3.7	3.5
12/3/2020 10:12 AM	1.1	3.4	---	3.6	2.0
12/3/2020 10:18 AM	1.1	3.5	---	2.3	1.7
12/3/2020 10:24 AM	1.1	3.5	---	1.4	1.8
12/3/2020 10:30 AM	1.1	3.5	---	1.1	1.8
12/3/2020 10:36 AM	1.1	3.5	---	1.0	1.9
12/3/2020 10:42 AM	1.1	3.4	---	0.9	1.8
12/3/2020 10:48 AM	1.1	3.2	---	0.9	1.8
12/3/2020 10:54 AM	1.1	2.6	---	0.9	1.9
12/3/2020 11:00 AM	1.1	2.1	---	0.9	1.9
12/3/2020 11:06 AM	1.2	1.8	---	0.9	1.9
12/3/2020 11:12 AM	1.2	1.7	---	1.0	1.9
12/3/2020 11:18 AM	1.2	1.7	---	1.0	1.9
12/3/2020 11:24 AM	1.3	1.9	---	1.1	1.8
12/3/2020 11:30 AM	1.3	2.1	---	1.2	1.8
12/3/2020 11:36 AM	1.3	2.3	---	1.1	1.8
12/3/2020 11:42 AM	1.3	2.4	---	1.1	1.8
12/3/2020 11:48 AM	1.3	2.5	---	1.1	1.8
12/3/2020 11:54 AM	1.3	2.6	---	1.1	1.9
12/3/2020 12:00 PM	1.2	2.6	---	1.0	1.9
12/3/2020 12:06 PM	1.2	2.5	---	1.0	1.9
12/3/2020 12:12 PM	1.2	2.2	---	1.0	1.9
12/3/2020 12:18 PM	1.2	1.9	---	1.0	1.9
12/3/2020 12:24 PM	1.2	1.8	---	0.9	1.9
12/3/2020 12:30 PM	1.2	1.8	---	0.8	2.0
12/3/2020 12:36 PM	1.2	1.9	---	0.8	2.0
12/3/2020 12:42 PM	1.1	1.9	---	0.8	2.0
12/3/2020 12:48 PM	1.2	1.8	---	0.8	1.9
12/3/2020 12:54 PM	1.2	1.7	---	0.6	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/3/2020 1:00 PM	1.2	1.8	---	0.5	1.8
12/3/2020 1:06 PM	1.2	1.8	---	0.5	1.9
12/3/2020 1:12 PM	1.2	2.0	---	0.5	1.9
12/3/2020 1:18 PM	1.2	2.2	---	0.5	1.9
12/3/2020 1:24 PM	1.2	2.4	---	0.5	1.9
12/3/2020 1:30 PM	1.2	2.6	---	0.5	1.9
12/3/2020 1:36 PM	1.2	2.7	---	0.5	1.9
12/3/2020 1:42 PM	1.2	2.8	---	0.5	1.9
12/3/2020 1:48 PM	1.2	2.9	---	0.5	1.9
12/3/2020 1:54 PM	1.2	2.8	---	0.5	2.0
12/3/2020 2:00 PM	1.3	2.6	---	0.5	2.0
12/3/2020 2:06 PM	1.3	2.4	---	0.5	2.0
12/3/2020 2:12 PM	1.3	2.2	---	0.5	2.0
12/3/2020 2:18 PM	1.3	2.1	---	0.5	1.9
12/3/2020 2:24 PM	1.3	2.0	---	0.5	1.9
12/3/2020 2:30 PM	1.4	2.0	---	0.5	1.9
12/3/2020 2:36 PM	1.4	2.0	---	0.5	1.9
12/3/2020 2:42 PM	1.4	2.0	---	0.6	1.9
12/3/2020 2:48 PM	1.4	1.9	---	0.6	1.9
12/3/2020 2:54 PM	1.4	1.9	---	0.5	2.0
12/3/2020 3:00 PM	1.4	2.2	---	0.5	2.0
12/3/2020 3:06 PM	1.4	2.4	---	0.5	2.0
12/3/2020 3:12 PM	1.4	2.5	---	0.5	2.0
12/3/2020 3:18 PM	1.4	2.7	---	0.6	2.0
12/3/2020 3:24 PM	1.4	2.9	---	0.5	2.0
12/3/2020 3:30 PM	1.4	3.0	---	0.6	2.0
12/3/2020 3:36 PM	1.4	3.1	---	0.6	2.0
12/3/2020 3:42 PM	1.4	3.2	---	0.6	2.0
12/3/2020 3:48 PM	1.4	3.2	---	0.6	2.0
12/3/2020 3:54 PM	1.4	3.2	---	0.6	1.9
12/3/2020 4:00 PM	1.4	3.2	---	0.6	1.9
12/3/2020 4:06 PM	1.4	3.3	---	0.6	1.7
12/3/2020 4:12 PM	1.4	3.3	---	0.6	1.4
12/3/2020 4:18 PM	1.4	3.3	---	0.6	0.5
12/3/2020 4:24 PM	1.4	3.3	---	0.6	-0.2
12/3/2020 4:30 PM	1.4	3.3	---	0.6	-0.2
12/3/2020 4:36 PM	1.4	3.3	---	0.6	-0.2
12/3/2020 4:42 PM	1.4	3.3	---	0.6	-0.2
12/3/2020 4:48 PM	1.4	3.3	---	0.6	-0.2
12/3/2020 4:54 PM	7.4	3.3	---	0.5	-0.2
12/3/2020 5:00 PM	10.4	3.3	---	0.1	-0.2
12/3/2020 5:06 PM	6.0	3.3	---	-0.5	-0.2
12/3/2020 5:12 PM	6.1	3.3	---	-0.6	-0.2
12/3/2020 5:18 PM	7.1	3.4	---	-0.6	-0.2
12/3/2020 5:24 PM	6.1	3.4	---	-0.6	-0.2
12/3/2020 5:30 PM	3.7	3.4	---	-0.6	-0.2
12/3/2020 5:36 PM	2.5	3.4	---	-0.5	-0.2
12/3/2020 5:42 PM	2.4	3.3	---	-0.6	-0.2
12/3/2020 5:48 PM	2.5	3.3	---	-0.5	-0.2
12/3/2020 5:54 PM	2.6	3.3	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/3/2020 6:00 PM	2.7	3.3	---	-0.5	-0.2
12/3/2020 6:06 PM	2.7	3.3	---	-0.5	-0.2
12/3/2020 6:12 PM	2.7	3.3	---	-0.5	-0.2
12/3/2020 6:18 PM	2.6	3.3	---	-0.5	-0.3
12/3/2020 6:24 PM	2.4	3.3	---	-0.5	-0.2
12/3/2020 6:30 PM	2.3	3.3	---	-0.5	-0.2
12/3/2020 6:36 PM	2.1	3.3	---	-0.5	-0.3
12/3/2020 6:42 PM	1.9	3.2	---	-0.5	-0.2
12/3/2020 6:48 PM	1.7	3.2	---	-0.5	-0.2
12/3/2020 6:54 PM	1.7	3.2	---	-0.5	-0.2
12/3/2020 7:00 PM	1.8	3.2	---	-0.6	-0.2
12/3/2020 7:06 PM	2.0	3.3	---	-0.6	-0.2
12/3/2020 7:12 PM	2.1	3.3	---	-0.6	-0.2
12/3/2020 7:18 PM	2.1	3.2	---	-0.6	-0.2
12/3/2020 7:24 PM	2.1	3.2	---	-0.6	-0.2
12/3/2020 7:30 PM	2.1	3.2	---	-0.6	-0.2
12/3/2020 7:36 PM	2.0	3.2	---	-0.6	-0.2
12/3/2020 7:42 PM	2.0	3.2	---	-0.6	-0.2
12/3/2020 7:48 PM	1.9	3.2	---	-0.6	-0.2
12/3/2020 7:54 PM	1.8	3.2	---	-0.6	-0.2
12/3/2020 8:00 PM	1.7	3.2	---	-0.5	-0.2
12/3/2020 8:06 PM	1.5	3.2	---	-0.6	-0.2
12/3/2020 8:12 PM	1.6	3.2	---	-0.6	-0.2
12/3/2020 8:18 PM	1.8	3.2	---	-0.6	-0.2
12/3/2020 8:24 PM	1.9	3.2	---	-0.6	-0.2
12/3/2020 8:30 PM	1.8	3.2	---	-0.6	-0.3
12/3/2020 8:36 PM	1.7	3.2	---	-0.6	-0.2
12/3/2020 8:42 PM	1.5	3.1	---	-0.5	-0.3
12/3/2020 8:48 PM	1.5	3.0	---	-0.6	-0.3
12/3/2020 8:54 PM	1.4	3.0	---	-0.6	-0.2
12/3/2020 9:00 PM	1.3	3.0	---	-0.5	-0.2
12/3/2020 9:06 PM	1.4	3.0	---	-0.6	-0.2
12/3/2020 9:12 PM	1.4	3.0	---	-0.5	-0.2
12/3/2020 9:18 PM	1.4	3.1	---	-0.5	-0.2
12/3/2020 9:24 PM	1.5	3.1	---	-0.5	-0.2
12/3/2020 9:30 PM	1.5	3.1	---	-0.5	-0.2
12/3/2020 9:36 PM	1.6	3.1	---	-0.5	-0.2
12/3/2020 9:42 PM	1.6	3.1	---	-0.5	-0.2
12/3/2020 9:48 PM	1.6	3.1	---	-0.5	-0.2
12/3/2020 9:54 PM	1.6	3.1	---	-0.5	-0.2
12/3/2020 10:00 PM	1.6	3.1	---	-0.5	-0.2
12/3/2020 10:06 PM	1.8	3.1	---	-0.5	-0.2
12/3/2020 10:12 PM	1.8	3.2	---	-0.6	-0.3
12/3/2020 10:18 PM	1.7	3.2	---	-0.6	-0.3
12/3/2020 10:24 PM	1.7	3.2	---	-0.5	-0.2
12/3/2020 10:30 PM	1.7	3.2	---	-0.5	-0.2
12/3/2020 10:36 PM	1.7	3.2	---	-0.6	-0.3
12/3/2020 10:42 PM	1.7	3.2	---	-0.5	-0.3
12/3/2020 10:48 PM	1.7	3.1	---	-0.5	-0.2
12/3/2020 10:54 PM	1.7	3.1	---	-0.6	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/3/2020 11:00 PM	1.7	3.1	---	-0.6	-0.3
12/3/2020 11:06 PM	1.7	3.1	---	-0.6	-0.2
12/3/2020 11:12 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:18 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:24 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:30 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:36 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:42 PM	1.7	3.1	---	-0.5	-0.3
12/3/2020 11:48 PM	1.7	3.1	---	-0.6	-0.3
12/3/2020 11:54 PM	1.7	3.1	---	-0.6	-0.2
12/4/2020 12:00 AM	1.7	3.1	---	-0.5	-0.2
12/4/2020 12:06 AM	1.8	3.2	---	-0.6	-0.2
12/4/2020 12:12 AM	1.7	3.2	---	-0.6	-0.3
12/4/2020 12:18 AM	1.7	3.2	---	-0.6	-0.3
12/4/2020 12:24 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 12:30 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 12:36 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 12:42 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 12:48 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 12:54 AM	1.7	3.2	---	-0.6	-0.2
12/4/2020 1:00 AM	1.7	3.1	---	-0.6	-0.2
12/4/2020 1:06 AM	1.7	3.1	---	-0.6	-0.2
12/4/2020 1:12 AM	1.7	3.0	---	-0.6	-0.2
12/4/2020 1:18 AM	1.7	3.0	---	-0.5	-0.2
12/4/2020 1:24 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 1:30 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 1:36 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 1:42 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 1:48 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 1:54 AM	1.7	2.9	---	-0.5	-0.2
12/4/2020 2:00 AM	1.6	2.9	---	-0.5	-0.2
12/4/2020 2:06 AM	1.4	2.9	---	-0.5	-0.2
12/4/2020 2:12 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 2:18 AM	1.5	2.9	---	-0.5	-0.2
12/4/2020 2:24 AM	1.6	2.9	---	-0.5	-0.2
12/4/2020 2:30 AM	1.6	2.9	---	-0.5	-0.2
12/4/2020 2:36 AM	1.5	2.9	---	-0.5	-0.2
12/4/2020 2:42 AM	1.5	2.9	---	-0.5	-0.2
12/4/2020 2:48 AM	1.5	2.9	---	-0.5	-0.2
12/4/2020 2:54 AM	1.5	2.9	---	-0.5	-0.2
12/4/2020 3:00 AM	1.5	2.8	---	-0.5	-0.2
12/4/2020 3:06 AM	1.4	2.8	---	-0.5	-0.2
12/4/2020 3:12 AM	1.4	2.8	---	-0.5	-0.2
12/4/2020 3:18 AM	1.4	2.8	---	-0.5	-0.2
12/4/2020 3:24 AM	1.5	2.8	---	-0.5	-0.2
12/4/2020 3:30 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 3:36 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 3:42 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 3:48 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 3:54 AM	1.6	2.8	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/4/2020 4:00 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:06 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:12 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:18 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:24 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:30 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:36 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:42 AM	1.6	2.8	---	-0.5	-0.2
12/4/2020 4:48 AM	1.6	2.7	---	-0.5	-0.2
12/4/2020 4:54 AM	1.6	2.7	---	-0.5	-0.2
12/4/2020 5:00 AM	1.4	2.7	---	-0.5	-0.2
12/4/2020 5:06 AM	1.2	2.7	---	-0.5	-0.2
12/4/2020 5:12 AM	1.2	2.8	---	-0.5	-0.2
12/4/2020 5:18 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:24 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:30 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:36 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:42 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:48 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 5:54 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 6:00 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 6:06 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 6:12 AM	1.2	2.9	---	-0.5	-0.2
12/4/2020 6:18 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 6:24 AM	1.3	2.9	---	-0.5	-0.2
12/4/2020 6:30 AM	1.3	3.0	---	-0.5	-0.2
12/4/2020 6:36 AM	1.3	3.0	---	-0.5	-0.2
12/4/2020 6:42 AM	1.3	3.1	---	-0.5	-0.2
12/4/2020 6:48 AM	1.3	3.1	---	-0.5	-0.2
12/4/2020 6:54 AM	1.3	3.2	---	-0.5	-0.2
12/4/2020 7:00 AM	1.3	3.2	---	-0.5	-0.2
12/4/2020 7:06 AM	1.3	3.2	---	-0.5	-0.2
12/4/2020 7:12 AM	1.3	3.2	---	-0.5	-0.2
12/4/2020 7:18 AM	1.2	3.3	---	-0.5	-0.2
12/4/2020 7:24 AM	1.2	3.3	---	-0.5	-0.2
12/4/2020 7:30 AM	1.3	3.3	---	-0.5	-0.2
12/4/2020 7:36 AM	1.3	3.3	---	-0.5	-0.2
12/4/2020 7:42 AM	1.3	3.3	---	-0.5	-0.2
12/4/2020 7:48 AM	1.3	3.3	---	-0.5	-0.2
12/4/2020 7:54 AM	1.3	3.3	---	-0.5	-0.2
12/4/2020 8:00 AM	1.3	3.4	---	-0.5	-0.2
12/4/2020 8:06 AM	1.3	3.4	---	-0.5	-0.2
12/4/2020 8:12 AM	1.3	3.3	---	-0.4	-0.2
12/4/2020 8:18 AM	1.3	3.4	---	-0.5	-0.2
12/4/2020 8:24 AM	1.8	3.3	---	-0.5	-0.2
12/4/2020 8:30 AM	1.9	3.3	---	-0.4	-0.2
12/4/2020 8:36 AM	1.9	3.4	---	-0.5	-0.2
12/4/2020 8:42 AM	1.9	3.4	---	-0.4	-0.2
12/4/2020 8:48 AM	1.9	3.4	---	-0.4	-0.2
12/4/2020 8:54 AM	2.0	3.4	---	-0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/4/2020 9:00 AM	2.2	3.4	---	-0.5	-0.2
12/4/2020 9:06 AM	2.1	3.5	---	-0.5	-0.2
12/4/2020 9:12 AM	2.0	3.5	---	-0.5	-0.2
12/4/2020 9:18 AM	2.0	3.6	---	-0.5	-0.2
12/4/2020 9:24 AM	2.0	3.6	---	-0.5	-0.2
12/4/2020 9:30 AM	1.9	3.6	---	-0.5	-0.2
12/4/2020 9:36 AM	1.9	3.7	---	-0.5	-0.2
12/4/2020 9:42 AM	1.8	3.7	---	-0.5	-0.2
12/4/2020 9:48 AM	1.8	3.8	---	-0.5	-0.2
12/4/2020 9:54 AM	1.8	3.8	---	-0.5	-0.2
12/4/2020 10:00 AM	1.8	3.9	---	-0.5	-0.2
12/4/2020 10:06 AM	1.7	3.9	---	-0.5	7.4
12/4/2020 10:12 AM	1.5	3.9	---	-0.5	12.7
12/4/2020 10:18 AM	1.1	3.9	---	-0.5	6.0
12/4/2020 10:24 AM	1.1	4.0	---	-0.5	4.8
12/4/2020 10:30 AM	1.1	3.9	---	-0.5	4.7
12/4/2020 10:36 AM	1.1	3.9	---	-0.5	4.8
12/4/2020 10:42 AM	1.2	3.9	---	-0.4	4.7
12/4/2020 10:48 AM	1.3	3.9	---	-0.4	4.1
12/4/2020 10:54 AM	1.4	3.9	---	-0.4	3.4
12/4/2020 11:00 AM	1.5	4.0	---	-0.4	2.9
12/4/2020 11:06 AM	1.5	4.0	---	-0.4	2.7
12/4/2020 11:12 AM	1.5	4.0	---	-0.4	2.5
12/4/2020 11:18 AM	1.6	4.0	---	-0.4	2.4
12/4/2020 11:24 AM	1.5	4.0	---	-0.4	2.3
12/4/2020 11:30 AM	1.6	4.0	---	-0.4	2.3
12/4/2020 11:36 AM	1.6	4.0	---	-0.4	2.2
12/4/2020 11:42 AM	1.5	4.0	---	-0.5	2.1
12/4/2020 11:48 AM	1.5	4.0	---	-0.5	2.1
12/4/2020 11:54 AM	1.5	4.1	---	-0.5	2.1
12/4/2020 12:00 PM	1.5	4.1	---	-0.5	2.1
12/4/2020 12:06 PM	1.4	4.2	---	-0.5	2.1
12/4/2020 12:12 PM	1.4	4.2	---	-0.4	2.1
12/4/2020 12:18 PM	1.4	4.1	---	-0.4	2.0
12/4/2020 12:24 PM	1.4	4.1	---	-0.4	2.0
12/4/2020 12:30 PM	1.3	4.1	---	-0.4	2.0
12/4/2020 12:36 PM	1.3	4.1	---	-0.4	2.0
12/4/2020 12:42 PM	1.3	4.1	---	-0.4	2.0
12/4/2020 12:48 PM	1.3	4.1	---	3.3	2.0
12/4/2020 12:54 PM	1.3	4.1	---	4.6	2.0
12/4/2020 1:00 PM	1.3	4.1	---	0.7	2.0
12/4/2020 1:06 PM	1.3	4.1	---	0.0	2.0
12/4/2020 1:12 PM	1.3	4.1	---	-0.2	2.0
12/4/2020 1:18 PM	1.3	4.2	---	-0.4	2.0
12/4/2020 1:24 PM	1.3	4.2	---	-0.4	2.0
12/4/2020 1:30 PM	1.3	4.2	---	-0.4	2.0
12/4/2020 1:36 PM	1.3	4.2	---	-0.4	1.9
12/4/2020 1:42 PM	1.3	4.2	---	-0.4	1.9
12/4/2020 1:48 PM	1.2	4.2	---	-0.4	2.0
12/4/2020 1:54 PM	1.3	4.2	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/4/2020 2:00 PM	1.5	4.2	---	-0.4	2.0
12/4/2020 2:06 PM	1.7	4.2	---	-0.4	2.0
12/4/2020 2:12 PM	1.9	4.3	---	-0.4	2.0
12/4/2020 2:18 PM	2.0	4.5	---	-0.4	2.0
12/4/2020 2:24 PM	2.0	4.6	---	-0.4	2.0
12/4/2020 2:30 PM	2.0	4.7	---	-0.4	2.0
12/4/2020 2:36 PM	2.0	4.8	---	-0.4	2.1
12/4/2020 2:42 PM	2.0	5.0	---	-0.4	2.1
12/4/2020 2:48 PM	1.9	5.2	---	-0.4	2.1
12/4/2020 2:54 PM	1.9	5.2	---	-0.4	2.1
12/4/2020 3:00 PM	1.8	5.1	---	-0.4	2.1
12/4/2020 3:06 PM	1.8	5.0	---	-0.4	2.1
12/4/2020 3:12 PM	1.7	5.0	---	-0.4	2.2
12/4/2020 3:18 PM	1.7	5.2	---	-0.4	2.1
12/4/2020 3:24 PM	1.6	5.3	---	-0.4	2.1
12/4/2020 3:30 PM	1.6	5.4	---	-0.4	2.0
12/4/2020 3:36 PM	1.6	5.4	---	-0.4	2.1
12/4/2020 3:42 PM	1.5	5.4	---	-0.4	2.1
12/4/2020 3:48 PM	1.4	15.1	---	-0.4	2.1
12/4/2020 3:54 PM	1.1	21.1	---	-0.4	2.3
12/4/2020 4:00 PM	0.8	10.5	---	-0.4	2.3
12/4/2020 4:06 PM	0.7	9.3	---	-0.4	2.3
12/4/2020 4:12 PM	0.7	8.2	---	-0.4	2.2
12/4/2020 4:18 PM	0.7	6.0	---	-0.4	2.2
12/4/2020 4:24 PM	0.8	4.6	---	-0.4	2.3
12/4/2020 4:30 PM	0.8	4.1	---	-0.4	2.2
12/4/2020 4:36 PM	0.8	4.1	---	-0.4	2.2
12/4/2020 4:42 PM	0.8	4.2	---	-0.4	2.2
12/4/2020 4:48 PM	0.8	4.0	---	-0.4	2.2
12/4/2020 4:54 PM	0.9	3.3	---	-0.4	2.1
12/4/2020 5:00 PM	0.9	2.7	---	-0.4	2.1
12/4/2020 5:06 PM	0.9	2.3	---	-0.4	2.1
12/4/2020 5:12 PM	1.0	2.0	---	-0.4	2.1
12/4/2020 5:18 PM	1.0	1.7	---	-0.4	2.1
12/4/2020 5:24 PM	1.0	1.5	---	-0.4	2.1
12/4/2020 5:30 PM	1.1	1.5	---	-0.4	2.2
12/4/2020 5:36 PM	1.1	1.5	---	-0.4	2.2
12/4/2020 5:42 PM	1.1	1.4	---	-0.4	2.2
12/4/2020 5:48 PM	1.1	1.3	---	-0.4	2.2
12/4/2020 5:54 PM	1.1	1.2	---	-0.3	2.2
12/4/2020 6:00 PM	1.1	1.2	---	-0.3	2.2
12/4/2020 6:06 PM	1.2	1.1	---	-0.4	2.2
12/4/2020 6:12 PM	1.2	1.0	---	-0.4	2.3
12/4/2020 6:18 PM	1.2	1.0	---	-0.4	2.3
12/4/2020 6:24 PM	1.2	1.0	---	-0.3	2.3
12/4/2020 6:30 PM	1.2	0.9	---	-0.3	2.2
12/4/2020 6:36 PM	1.2	0.9	---	-0.3	2.2
12/4/2020 6:42 PM	1.3	1.0	---	-0.3	2.3
12/4/2020 6:48 PM	1.3	1.0	---	-0.3	2.3
12/4/2020 6:54 PM	1.3	1.0	---	-0.3	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/4/2020 7:00 PM	1.3	1.0	---	-0.3	2.4
12/4/2020 7:06 PM	1.4	1.0	---	-0.3	2.4
12/4/2020 7:12 PM	1.4	1.1	---	-0.3	2.3
12/4/2020 7:18 PM	1.4	1.0	---	-0.3	2.3
12/4/2020 7:24 PM	1.4	1.0	---	-0.3	2.3
12/4/2020 7:30 PM	1.5	0.9	---	-0.3	2.3
12/4/2020 7:36 PM	1.5	0.9	---	-0.3	2.3
12/4/2020 7:42 PM	1.4	0.9	---	-0.3	2.4
12/4/2020 7:48 PM	1.4	1.0	---	-0.3	2.4
12/4/2020 7:54 PM	1.5	1.0	---	-0.3	2.4
12/4/2020 8:00 PM	1.5	0.9	---	-0.3	2.4
12/4/2020 8:06 PM	1.5	0.9	---	-0.3	2.3
12/4/2020 8:12 PM	1.5	0.9	---	-0.3	2.3
12/4/2020 8:18 PM	1.4	1.0	---	-0.3	2.3
12/4/2020 8:24 PM	1.4	1.0	---	-0.3	2.3
12/4/2020 8:30 PM	1.4	0.9	---	-0.3	2.3
12/4/2020 8:36 PM	1.4	0.9	---	-0.3	2.3
12/4/2020 8:42 PM	1.4	0.9	---	-0.3	2.3
12/4/2020 8:48 PM	1.5	0.9	---	-0.3	2.2
12/4/2020 8:54 PM	1.5	0.9	---	-0.3	2.2
12/4/2020 9:00 PM	1.4	0.9	---	-0.3	2.2
12/4/2020 9:06 PM	1.4	1.0	---	-0.3	2.1
12/4/2020 9:12 PM	1.4	1.0	---	-0.3	2.2
12/4/2020 9:18 PM	1.5	1.0	---	-0.3	2.2
12/4/2020 9:24 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 9:30 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 9:36 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 9:42 PM	1.5	1.0	---	-0.3	2.4
12/4/2020 9:48 PM	1.5	1.0	---	-0.3	2.4
12/4/2020 9:54 PM	1.5	1.0	---	-0.3	2.4
12/4/2020 10:00 PM	1.5	1.1	---	-0.3	2.3
12/4/2020 10:06 PM	1.5	1.1	---	-0.3	2.3
12/4/2020 10:12 PM	1.5	1.1	---	-0.3	2.3
12/4/2020 10:18 PM	1.5	1.1	---	-0.3	2.3
12/4/2020 10:24 PM	1.6	1.0	---	-0.3	2.3
12/4/2020 10:30 PM	1.6	1.0	---	-0.3	2.3
12/4/2020 10:36 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 10:42 PM	1.5	1.0	---	-0.3	2.4
12/4/2020 10:48 PM	1.6	1.0	---	-0.3	2.3
12/4/2020 10:54 PM	1.6	1.1	---	-0.3	2.3
12/4/2020 11:00 PM	1.6	1.1	---	-0.3	2.4
12/4/2020 11:06 PM	1.6	1.0	---	-0.3	2.4
12/4/2020 11:12 PM	1.6	1.0	---	-0.3	2.4
12/4/2020 11:18 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 11:24 PM	1.5	1.0	---	-0.3	2.3
12/4/2020 11:30 PM	1.5	1.0	---	-0.3	2.2
12/4/2020 11:36 PM	1.5	1.0	---	-0.3	2.2
12/4/2020 11:42 PM	1.5	1.0	---	-0.3	2.2
12/4/2020 11:48 PM	1.6	1.0	---	-0.3	2.2
12/4/2020 11:54 PM	1.6	1.0	---	-0.3	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/5/2020 12:00 AM	1.6	1.0	---	-0.3	2.2
12/5/2020 12:06 AM	1.6	1.1	---	-0.3	2.2
12/5/2020 12:12 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 12:18 AM	1.6	1.0	---	-0.3	2.4
12/5/2020 12:24 AM	1.6	1.0	---	-0.3	2.4
12/5/2020 12:30 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 12:36 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 12:42 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 12:48 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 12:54 AM	1.6	1.1	---	-0.3	2.3
12/5/2020 1:00 AM	1.7	1.1	---	-0.3	2.3
12/5/2020 1:06 AM	1.6	1.0	---	-0.3	2.3
12/5/2020 1:12 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 1:18 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 1:24 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 1:30 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 1:36 AM	1.7	0.9	---	-0.3	2.3
12/5/2020 1:42 AM	1.7	0.9	---	-0.3	2.3
12/5/2020 1:48 AM	1.7	0.9	---	-0.3	2.3
12/5/2020 1:54 AM	1.7	0.9	---	-0.3	2.3
12/5/2020 2:00 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 2:06 AM	1.7	1.0	---	-0.3	2.3
12/5/2020 2:12 AM	1.7	1.0	---	-0.2	2.4
12/5/2020 2:18 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:24 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:30 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:36 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:42 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:48 AM	1.7	1.1	---	-0.2	2.4
12/5/2020 2:54 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:00 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:06 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:12 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:18 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:24 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:30 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:36 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:42 AM	1.7	1.2	---	-0.2	2.4
12/5/2020 3:48 AM	1.7	1.3	---	-0.2	2.4
12/5/2020 3:54 AM	1.7	1.4	---	-0.2	2.4
12/5/2020 4:00 AM	1.7	1.4	---	-0.2	2.4
12/5/2020 4:06 AM	1.7	1.4	---	-0.2	2.3
12/5/2020 4:12 AM	1.7	1.4	---	-0.2	2.6
12/5/2020 4:18 AM	1.7	1.5	---	-0.2	3.1
12/5/2020 4:24 AM	1.7	1.5	---	-0.2	3.0
12/5/2020 4:30 AM	1.7	1.5	---	-0.2	2.8
12/5/2020 4:36 AM	1.7	1.7	---	-0.2	2.8
12/5/2020 4:42 AM	1.7	2.5	---	-0.2	5.7
12/5/2020 4:48 AM	1.7	2.6	---	-0.2	7.4
12/5/2020 4:54 AM	1.7	2.2	---	-0.2	6.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/5/2020 5:00 AM	1.7	2.2	---	-0.2	5.9
12/5/2020 5:06 AM	1.7	2.3	---	-0.2	5.6
12/5/2020 5:12 AM	1.7	2.3	---	4.4	5.6
12/5/2020 5:18 AM	1.7	2.2	---	9.3	5.7
12/5/2020 5:24 AM	1.7	2.2	---	5.9	5.7
12/5/2020 5:30 AM	1.7	2.2	---	3.1	5.7
12/5/2020 5:36 AM	1.7	2.1	---	2.4	5.8
12/5/2020 5:42 AM	1.7	2.1	---	2.8	6.2
12/5/2020 5:48 AM	1.6	2.1	---	2.7	6.2
12/5/2020 5:54 AM	1.6	2.1	---	2.3	5.8
12/5/2020 6:00 AM	1.7	2.1	---	2.5	5.7
12/5/2020 6:06 AM	1.7	2.3	---	2.7	5.9
12/5/2020 6:12 AM	1.7	2.4	---	2.4	6.0
12/5/2020 6:18 AM	1.7	2.3	---	2.1	5.8
12/5/2020 6:24 AM	1.7	2.5	---	1.9	5.7
12/5/2020 6:30 AM	1.7	2.5	---	1.9	5.8
12/5/2020 6:36 AM	1.7	2.5	---	1.8	5.9
12/5/2020 6:42 AM	1.6	2.4	---	1.8	5.8
12/5/2020 6:48 AM	1.6	2.3	---	1.8	5.9
12/5/2020 6:54 AM	1.5	2.3	---	1.8	6.2
12/5/2020 7:00 AM	1.5	2.3	---	1.8	6.1
12/5/2020 7:06 AM	1.5	2.2	---	1.7	6.0
12/5/2020 7:12 AM	1.5	2.1	---	1.7	5.9
12/5/2020 7:18 AM	1.5	2.1	---	1.8	5.8
12/5/2020 7:24 AM	1.5	2.1	---	1.8	5.8
12/5/2020 7:30 AM	1.5	2.2	---	1.8	5.6
12/5/2020 7:36 AM	1.5	2.3	---	1.3	2.5
12/5/2020 7:42 AM	1.5	1.4	---	0.2	0.3
12/5/2020 7:48 AM	1.5	1.9	---	0.2	1.1
12/5/2020 7:54 AM	1.5	3.3	---	1.9	6.0
12/5/2020 8:00 AM	1.4	2.5	---	2.2	8.2
12/5/2020 8:06 AM	1.4	2.1	---	1.6	6.1
12/5/2020 8:12 AM	1.4	2.0	---	1.5	5.6
12/5/2020 8:18 AM	1.4	2.0	---	1.4	5.4
12/5/2020 8:24 AM	1.4	2.0	---	1.4	5.5
12/5/2020 8:30 AM	1.4	2.0	---	1.4	6.0
12/5/2020 8:36 AM	1.4	2.1	---	1.5	6.0
12/5/2020 8:42 AM	1.4	2.2	---	1.6	5.7
12/5/2020 8:48 AM	1.4	2.3	---	1.6	5.5
12/5/2020 8:54 AM	1.4	2.3	---	1.6	5.1
12/5/2020 9:00 AM	1.4	2.4	---	1.5	5.2
12/5/2020 9:06 AM	1.4	2.4	---	1.5	5.4
12/5/2020 9:12 AM	1.4	2.5	---	1.5	5.5
12/5/2020 9:18 AM	1.4	2.6	---	1.5	5.6
12/5/2020 9:24 AM	1.4	2.5	---	1.4	5.5
12/5/2020 9:30 AM	1.4	2.3	---	1.5	5.6
12/5/2020 9:36 AM	1.4	2.3	---	1.5	5.4
12/5/2020 9:42 AM	1.4	2.3	---	1.6	5.3
12/5/2020 9:48 AM	1.4	2.3	---	1.5	5.2
12/5/2020 9:54 AM	1.4	2.4	---	1.4	5.4

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/5/2020 10:00 AM	1.4	2.4	---	1.4	5.2
12/5/2020 10:06 AM	1.4	2.4	---	1.3	5.3
12/5/2020 10:12 AM	1.4	2.5	---	1.3	5.5
12/5/2020 10:18 AM	1.4	2.6	---	1.3	5.5
12/5/2020 10:24 AM	1.4	2.5	---	1.4	5.7
12/5/2020 10:30 AM	1.4	2.4	---	1.4	5.8
12/5/2020 10:36 AM	1.4	2.4	---	1.3	5.6
12/5/2020 10:42 AM	1.4	2.3	---	1.3	5.2
12/5/2020 10:48 AM	1.4	2.2	---	1.3	5.1
12/5/2020 10:54 AM	1.4	2.2	---	1.3	5.0
12/5/2020 11:00 AM	1.4	2.2	---	1.3	4.9
12/5/2020 11:06 AM	1.4	2.1	---	1.3	5.0
12/5/2020 11:12 AM	1.4	1.7	---	1.0	5.1
12/5/2020 11:18 AM	1.3	1.5	---	0.6	5.1
12/5/2020 11:24 AM	1.3	1.5	---	0.6	4.9
12/5/2020 11:30 AM	1.3	1.0	---	0.7	2.9
12/5/2020 11:36 AM	1.3	0.6	---	0.7	1.6
12/5/2020 11:42 AM	1.4	0.7	---	0.7	2.1
12/5/2020 11:48 AM	1.3	0.7	---	1.0	2.8
12/5/2020 11:54 AM	1.3	0.7	---	1.0	3.2
12/5/2020 12:00 PM	1.1	0.4	---	0.9	3.1
12/5/2020 12:06 PM	0.1	0.0	---	0.6	3.0
12/5/2020 12:12 PM	0.1	0.1	---	0.6	3.0
12/5/2020 12:18 PM	0.1	0.0	---	0.6	3.0
12/5/2020 12:24 PM	0.1	-0.1	---	0.6	3.1
12/5/2020 12:30 PM	0.1	-0.1	---	0.6	3.1
12/5/2020 12:36 PM	0.1	-0.2	---	0.5	3.1
12/5/2020 12:42 PM	0.1	-0.2	---	0.5	2.9
12/5/2020 12:48 PM	0.1	-0.3	---	0.5	2.9
12/5/2020 12:54 PM	0.1	-0.3	---	0.5	2.9
12/5/2020 1:00 PM	0.1	-0.2	---	0.4	2.3
12/5/2020 1:06 PM	0.1	-0.2	---	0.3	1.6
12/5/2020 1:12 PM	0.1	-0.1	---	0.3	1.6
12/5/2020 1:18 PM	0.1	-0.1	---	0.3	1.7
12/5/2020 1:24 PM	0.1	-0.1	---	0.3	1.8
12/5/2020 1:30 PM	0.1	-0.1	---	0.3	1.8
12/5/2020 1:36 PM	0.1	-0.1	---	0.6	2.1
12/5/2020 1:42 PM	0.1	-0.2	---	0.8	2.4
12/5/2020 1:48 PM	0.1	-0.1	---	0.7	2.2
12/5/2020 1:54 PM	0.1	-0.2	---	0.7	2.2
12/5/2020 2:00 PM	0.1	-0.2	---	0.6	2.1
12/5/2020 2:06 PM	0.1	-0.1	---	0.5	1.8
12/5/2020 2:12 PM	0.1	-0.1	---	0.5	1.8
12/5/2020 2:18 PM	0.1	-0.2	---	0.5	1.8
12/5/2020 2:24 PM	0.1	-0.2	---	0.5	1.8
12/5/2020 2:30 PM	0.1	-0.2	---	0.5	1.8
12/5/2020 2:36 PM	0.1	-0.2	---	0.5	1.8
12/5/2020 2:42 PM	0.1	-0.1	---	0.5	1.9
12/5/2020 2:48 PM	0.1	-0.1	---	0.5	1.9
12/5/2020 2:54 PM	0.1	-0.2	---	0.5	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/5/2020 3:00 PM	0.1	-0.2	---	0.5	1.9
12/5/2020 3:06 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 3:12 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 3:18 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 3:24 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 3:30 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 3:36 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 3:42 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 3:48 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 3:54 PM	0.2	-0.2	---	0.7	1.9
12/5/2020 4:00 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 4:06 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 4:12 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 4:18 PM	0.2	-0.2	---	0.7	1.8
12/5/2020 4:24 PM	0.2	-0.2	---	0.7	1.8
12/5/2020 4:30 PM	0.2	-0.2	---	0.6	1.8
12/5/2020 4:36 PM	0.2	-0.2	---	0.6	1.9
12/5/2020 4:42 PM	0.2	-0.2	---	0.7	1.8
12/5/2020 4:48 PM	0.2	-0.2	---	0.7	1.8
12/5/2020 4:54 PM	0.2	-0.2	---	0.7	1.8
12/5/2020 5:00 PM	0.2	-0.3	---	0.6	1.8
12/5/2020 5:06 PM	0.2	-0.3	---	0.6	1.8
12/5/2020 5:12 PM	0.2	-0.3	---	0.7	1.8
12/5/2020 5:18 PM	0.2	-0.3	---	0.5	1.7
12/5/2020 5:24 PM	0.2	-0.4	---	0.3	1.7
12/5/2020 5:30 PM	0.2	-0.3	---	0.2	1.7
12/5/2020 5:36 PM	0.2	-0.3	---	0.2	1.7
12/5/2020 5:42 PM	0.2	-0.3	---	0.3	1.8
12/5/2020 5:48 PM	0.2	-0.2	---	0.3	1.8
12/5/2020 5:54 PM	0.2	-0.3	---	0.3	1.8
12/5/2020 6:00 PM	0.2	-0.3	---	0.3	1.8
12/5/2020 6:06 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 6:12 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 6:18 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 6:24 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 6:30 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 6:36 PM	0.2	-0.2	---	0.3	1.8
12/5/2020 6:42 PM	0.2	-0.2	---	0.3	1.8
12/5/2020 6:48 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 6:54 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:00 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 7:06 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 7:12 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:18 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:24 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:30 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:36 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 7:42 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 7:48 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 7:54 PM	0.1	-0.2	---	0.3	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/5/2020 8:00 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 8:06 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 8:12 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 8:18 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 8:24 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 8:30 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 8:36 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 8:42 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 8:48 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 8:54 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:00 PM	0.1	-0.2	---	0.3	1.9
12/5/2020 9:06 PM	0.1	-0.2	---	0.3	1.9
12/5/2020 9:12 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:18 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 9:24 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 9:30 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:36 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:42 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:48 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 9:54 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 10:00 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 10:06 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 10:12 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 10:18 PM	0.0	-0.2	---	0.4	1.8
12/5/2020 10:24 PM	0.0	-0.2	---	0.3	1.8
12/5/2020 10:30 PM	0.0	-0.2	---	0.3	1.8
12/5/2020 10:36 PM	0.1	-0.2	---	0.4	1.8
12/5/2020 10:42 PM	0.1	-0.3	---	0.4	1.8
12/5/2020 10:48 PM	0.0	-0.3	---	0.3	1.8
12/5/2020 10:54 PM	0.1	-0.3	---	0.3	1.8
12/5/2020 11:00 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 11:06 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 11:12 PM	0.1	-0.2	---	0.3	1.8
12/5/2020 11:18 PM	0.1	-0.2	---	0.3	1.7
12/5/2020 11:24 PM	0.1	-0.2	---	0.3	1.7
12/5/2020 11:30 PM	0.1	-0.2	---	0.3	1.7
12/5/2020 11:36 PM	0.1	-0.1	---	0.3	1.7
12/5/2020 11:42 PM	0.1	-0.1	---	0.3	1.7
12/5/2020 11:48 PM	0.1	-0.2	---	0.3	1.7
12/5/2020 11:54 PM	0.1	-0.2	---	0.3	1.7
12/6/2020 12:00 AM	0.1	-0.2	---	0.3	1.8
12/6/2020 12:06 AM	0.1	-0.1	---	0.3	1.7
12/6/2020 12:12 AM	0.1	-0.1	---	0.3	1.7
12/6/2020 12:18 AM	0.1	-0.1	---	0.4	1.7
12/6/2020 12:24 AM	0.1	-0.1	---	0.3	1.7
12/6/2020 12:30 AM	0.0	-0.1	---	0.3	1.7
12/6/2020 12:36 AM	0.0	-0.1	---	0.3	1.7
12/6/2020 12:42 AM	0.0	-0.1	---	0.3	1.7
12/6/2020 12:48 AM	0.0	-0.1	---	0.3	1.7
12/6/2020 12:54 AM	0.0	-0.1	---	0.4	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/6/2020 1:00 AM	0.0	-0.2	---	0.4	1.7
12/6/2020 1:06 AM	0.0	-0.1	---	0.4	1.7
12/6/2020 1:12 AM	0.0	-0.1	---	0.4	1.7
12/6/2020 1:18 AM	0.0	-0.1	---	0.5	1.7
12/6/2020 1:24 AM	0.0	-0.1	---	0.7	0.7
12/6/2020 1:30 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 1:36 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 1:42 AM	0.0	-0.1	---	0.5	-0.2
12/6/2020 1:48 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 1:54 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:00 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:06 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:12 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:18 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 2:24 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 2:30 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:36 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:42 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:48 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 2:54 AM	0.0	-0.1	---	0.6	-0.3
12/6/2020 3:00 AM	0.0	-0.1	---	0.6	-0.3
12/6/2020 3:06 AM	0.0	-0.1	---	0.7	-0.2
12/6/2020 3:12 AM	0.0	-0.1	---	0.7	-0.2
12/6/2020 3:18 AM	0.0	-0.1	---	0.7	-0.2
12/6/2020 3:24 AM	0.0	-0.1	---	0.7	-0.2
12/6/2020 3:30 AM	0.0	-0.1	---	0.6	-0.3
12/6/2020 3:36 AM	0.0	-0.1	---	0.6	-0.2
12/6/2020 3:42 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 3:48 AM	0.0	0.0	---	0.6	-0.3
12/6/2020 3:54 AM	0.0	0.0	---	0.6	-0.3
12/6/2020 4:00 AM	0.0	0.0	---	0.6	-0.3
12/6/2020 4:06 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:12 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:18 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:24 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:30 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:36 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:42 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 4:48 AM	0.0	0.0	---	0.6	-0.3
12/6/2020 4:54 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:00 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:06 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:12 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:18 AM	0.0	0.0	---	0.7	-0.2
12/6/2020 5:24 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:30 AM	0.0	0.0	---	0.6	-0.3
12/6/2020 5:36 AM	0.0	0.0	---	0.7	-0.3
12/6/2020 5:42 AM	0.0	0.0	---	0.7	-0.3
12/6/2020 5:48 AM	0.0	0.0	---	0.6	-0.2
12/6/2020 5:54 AM	0.0	0.0	---	0.5	-0.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/6/2020 6:00 AM	0.0	0.0	---	0.4	-0.2
12/6/2020 6:06 AM	-0.1	0.0	---	0.4	-0.3
12/6/2020 6:12 AM	-0.1	0.0	---	0.4	-0.3
12/6/2020 6:18 AM	-0.1	0.0	---	0.5	-0.3
12/6/2020 6:24 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 6:30 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 6:36 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 6:42 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 6:48 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 6:54 AM	-0.1	0.0	---	0.5	-0.2
12/6/2020 7:00 AM	-0.1	0.0	---	0.6	-0.2
12/6/2020 7:06 AM	-0.1	0.0	---	0.6	-0.2
12/6/2020 7:12 AM	-0.1	0.0	---	0.6	-0.3
12/6/2020 7:18 AM	-0.1	0.0	---	0.6	-0.3
12/6/2020 7:24 AM	-0.1	0.0	---	0.6	-0.3
12/6/2020 7:30 AM	-0.1	0.0	---	0.6	-0.3
12/6/2020 7:36 AM	-0.1	0.0	---	0.6	-0.3
12/6/2020 7:42 AM	-0.1	0.1	---	0.6	-0.3
12/6/2020 7:48 AM	-0.2	0.0	---	0.7	-0.3
12/6/2020 7:54 AM	-0.2	0.0	---	0.7	-0.3
12/6/2020 8:00 AM	-0.2	0.0	---	0.7	-0.3
12/6/2020 8:06 AM	-0.2	0.0	---	0.7	-0.3
12/6/2020 8:12 AM	-0.2	0.0	---	0.5	-0.2
12/6/2020 8:18 AM	-0.2	0.0	---	0.5	-0.2
12/6/2020 8:24 AM	-0.2	0.0	---	0.5	-0.2
12/6/2020 8:30 AM	-0.2	0.0	---	0.5	-0.3
12/6/2020 8:36 AM	-0.2	0.0	---	0.5	-0.2
12/6/2020 8:42 AM	-0.2	0.1	---	0.5	-0.2
12/6/2020 8:48 AM	-0.3	0.1	---	0.5	-0.2
12/6/2020 8:54 AM	-0.3	0.2	---	0.5	-0.2
12/6/2020 9:00 AM	-0.3	0.2	---	0.5	-0.3
12/6/2020 9:06 AM	-0.3	0.2	---	0.5	-0.3
12/6/2020 9:12 AM	-0.3	0.3	---	0.5	-0.2
12/6/2020 9:18 AM	-0.4	0.3	---	0.5	-0.3
12/6/2020 9:24 AM	-0.4	0.2	---	0.5	-0.3
12/6/2020 9:30 AM	-0.3	0.3	---	0.5	-0.3
12/6/2020 9:36 AM	-0.3	0.4	---	0.5	-0.3
12/6/2020 9:42 AM	-0.3	0.3	---	0.5	-0.3
12/6/2020 9:48 AM	-0.3	0.3	---	0.4	-0.3
12/6/2020 9:54 AM	-0.3	0.3	---	0.4	-0.2
12/6/2020 10:00 AM	-0.3	0.3	---	0.4	-0.2
12/6/2020 10:06 AM	-0.3	0.2	---	0.4	-0.3
12/6/2020 10:12 AM	-0.3	0.2	---	0.4	-0.3
12/6/2020 10:18 AM	-0.3	0.2	---	0.6	-0.2
12/6/2020 10:24 AM	-0.3	0.2	---	0.7	-0.3
12/6/2020 10:30 AM	-0.4	0.2	---	0.6	-0.3
12/6/2020 10:36 AM	-0.4	0.2	---	0.6	-0.3
12/6/2020 10:42 AM	-0.5	0.3	---	0.6	-0.2
12/6/2020 10:48 AM	-0.5	0.3	---	0.6	-0.3
12/6/2020 10:54 AM	-0.5	0.2	---	0.5	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/6/2020 11:00 AM	-0.5	0.2	---	0.5	-0.3
12/6/2020 11:06 AM	-0.5	0.1	---	0.7	-0.3
12/6/2020 11:12 AM	-0.4	0.1	---	0.8	-0.2
12/6/2020 11:18 AM	-0.4	0.1	---	0.7	-0.2
12/6/2020 11:24 AM	-0.4	0.1	---	0.7	-0.2
12/6/2020 11:30 AM	-0.4	0.2	---	0.7	-0.2
12/6/2020 11:36 AM	-0.4	0.3	---	0.7	-0.2
12/6/2020 11:42 AM	-0.4	0.3	---	0.7	-0.3
12/6/2020 11:48 AM	-0.4	0.4	---	0.6	-0.3
12/6/2020 11:54 AM	-0.3	0.5	---	0.6	-0.3
12/6/2020 12:00 PM	-0.2	0.6	---	0.7	-0.2
12/6/2020 12:06 PM	0.2	0.8	---	0.8	-0.2
12/6/2020 12:12 PM	0.2	0.8	---	0.8	-0.1
12/6/2020 12:18 PM	0.2	0.8	---	0.8	-0.2
12/6/2020 12:24 PM	0.2	0.7	---	0.8	-0.2
12/6/2020 12:30 PM	0.2	0.6	---	0.8	-0.2
12/6/2020 12:36 PM	0.2	0.5	---	0.8	-0.2
12/6/2020 12:42 PM	0.2	0.5	---	0.8	-0.2
12/6/2020 12:48 PM	0.2	0.5	---	0.8	-0.2
12/6/2020 12:54 PM	0.2	0.5	---	0.8	-0.2
12/6/2020 1:00 PM	0.2	0.5	---	0.8	-0.2
12/6/2020 1:06 PM	0.2	0.6	---	0.8	6.5
12/6/2020 1:12 PM	0.3	0.6	---	0.6	10.0
12/6/2020 1:18 PM	0.3	0.7	---	0.6	5.2
12/6/2020 1:24 PM	0.3	0.8	---	0.6	4.6
12/6/2020 1:30 PM	0.3	1.0	---	0.7	4.7
12/6/2020 1:36 PM	0.3	1.1	---	0.7	4.6
12/6/2020 1:42 PM	0.3	1.1	---	0.7	4.0
12/6/2020 1:48 PM	0.3	1.2	---	0.7	3.3
12/6/2020 1:54 PM	0.4	1.3	---	0.7	2.8
12/6/2020 2:00 PM	0.4	1.4	---	0.7	2.6
12/6/2020 2:06 PM	0.4	1.4	---	0.7	2.4
12/6/2020 2:12 PM	0.4	1.4	---	0.7	2.3
12/6/2020 2:18 PM	0.4	1.3	---	0.7	2.2
12/6/2020 2:24 PM	0.4	1.3	---	0.7	2.1
12/6/2020 2:30 PM	0.4	1.2	---	0.7	2.1
12/6/2020 2:36 PM	0.4	1.1	---	0.7	2.0
12/6/2020 2:42 PM	0.4	1.0	---	0.7	2.0
12/6/2020 2:48 PM	0.4	1.0	---	0.7	2.0
12/6/2020 2:54 PM	0.4	0.9	---	0.7	1.9
12/6/2020 3:00 PM	0.5	0.9	---	0.7	1.9
12/6/2020 3:06 PM	0.5	0.8	---	0.7	1.8
12/6/2020 3:12 PM	0.5	0.8	---	0.7	1.8
12/6/2020 3:18 PM	0.4	0.9	---	0.8	1.9
12/6/2020 3:24 PM	0.4	0.9	---	0.8	1.8
12/6/2020 3:30 PM	0.4	1.0	---	0.6	1.8
12/6/2020 3:36 PM	0.4	1.1	---	0.4	1.8
12/6/2020 3:42 PM	0.4	1.2	---	0.4	1.8
12/6/2020 3:48 PM	0.4	1.3	---	0.5	1.8
12/6/2020 3:54 PM	0.4	1.4	---	0.5	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/6/2020 4:00 PM	0.3	1.4	---	0.5	1.8
12/6/2020 4:06 PM	0.4	1.4	---	0.5	1.8
12/6/2020 4:12 PM	0.4	1.5	---	0.5	1.8
12/6/2020 4:18 PM	0.4	1.5	---	0.5	1.8
12/6/2020 4:24 PM	0.4	1.6	---	0.5	1.8
12/6/2020 4:30 PM	0.4	1.6	---	0.6	1.8
12/6/2020 4:36 PM	0.4	1.7	---	0.6	1.8
12/6/2020 4:42 PM	0.4	1.7	---	0.6	1.8
12/6/2020 4:48 PM	0.4	1.7	---	0.6	1.8
12/6/2020 4:54 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:00 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:06 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:12 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:18 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:24 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:30 PM	0.5	1.8	---	0.6	1.8
12/6/2020 5:36 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:42 PM	0.5	1.7	---	0.6	1.8
12/6/2020 5:48 PM	0.5	1.8	---	0.6	1.8
12/6/2020 5:54 PM	0.5	1.8	---	0.7	1.8
12/6/2020 6:00 PM	0.5	1.8	---	0.7	1.8
12/6/2020 6:06 PM	0.5	1.8	---	0.7	1.8
12/6/2020 6:12 PM	0.5	1.8	---	0.7	1.7
12/6/2020 6:18 PM	0.5	1.8	---	0.6	1.8
12/6/2020 6:24 PM	0.5	1.8	---	0.6	1.8
12/6/2020 6:30 PM	0.5	1.9	---	0.6	1.8
12/6/2020 6:36 PM	0.5	1.9	---	0.6	1.8
12/6/2020 6:42 PM	0.5	1.9	---	0.6	1.8
12/6/2020 6:48 PM	0.5	1.9	---	0.6	1.8
12/6/2020 6:54 PM	0.4	1.9	---	0.7	1.9
12/6/2020 7:00 PM	0.5	1.9	---	0.6	1.9
12/6/2020 7:06 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:12 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:18 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:24 PM	0.4	1.9	---	0.7	1.8
12/6/2020 7:30 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:36 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:42 PM	0.4	1.9	---	0.6	1.8
12/6/2020 7:48 PM	0.4	2.0	---	0.7	1.7
12/6/2020 7:54 PM	0.4	2.0	---	0.6	1.7
12/6/2020 8:00 PM	0.4	2.0	---	0.6	1.7
12/6/2020 8:06 PM	0.4	2.0	---	0.7	1.8
12/6/2020 8:12 PM	0.4	2.0	---	0.7	1.8
12/6/2020 8:18 PM	0.4	2.1	---	0.7	1.8
12/6/2020 8:24 PM	0.4	2.0	---	0.7	1.8
12/6/2020 8:30 PM	0.4	2.0	---	0.6	1.8
12/6/2020 8:36 PM	0.4	2.0	---	0.6	1.8
12/6/2020 8:42 PM	0.4	2.0	---	0.6	1.8
12/6/2020 8:48 PM	0.4	2.0	---	0.7	1.8
12/6/2020 8:54 PM	0.4	2.1	---	0.7	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/6/2020 9:00 PM	0.4	2.1	---	0.7	1.9
12/6/2020 9:06 PM	0.4	2.1	---	0.6	1.9
12/6/2020 9:12 PM	0.4	2.1	---	0.5	1.8
12/6/2020 9:18 PM	0.4	2.1	---	0.4	1.7
12/6/2020 9:24 PM	0.4	2.1	---	0.4	1.7
12/6/2020 9:30 PM	0.4	2.1	---	0.4	1.7
12/6/2020 9:36 PM	0.4	2.1	---	0.4	1.7
12/6/2020 9:42 PM	0.4	2.2	---	0.5	1.7
12/6/2020 9:48 PM	0.4	2.2	---	0.5	1.7
12/6/2020 9:54 PM	0.4	2.2	---	0.5	1.7
12/6/2020 10:00 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:06 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:12 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:18 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:24 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:30 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:36 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:42 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:48 PM	0.4	2.2	---	0.5	1.8
12/6/2020 10:54 PM	0.4	2.2	---	0.5	1.8
12/6/2020 11:00 PM	0.4	2.2	---	0.5	1.8
12/6/2020 11:06 PM	0.4	2.2	---	0.5	1.9
12/6/2020 11:12 PM	0.4	2.3	---	0.5	1.9
12/6/2020 11:18 PM	0.4	2.3	---	0.5	1.8
12/6/2020 11:24 PM	0.4	2.3	---	0.5	1.8
12/6/2020 11:30 PM	0.4	2.3	---	0.5	1.9
12/6/2020 11:36 PM	0.4	2.3	---	0.5	1.9
12/6/2020 11:42 PM	0.4	2.3	---	0.4	1.9
12/6/2020 11:48 PM	0.4	2.3	---	0.4	1.9
12/6/2020 11:54 PM	0.4	2.3	---	0.4	1.9
12/7/2020 12:00 AM	0.4	2.3	---	0.4	1.9
12/7/2020 12:06 AM	0.4	2.3	---	0.6	1.5
12/7/2020 12:12 AM	0.4	2.3	---	0.8	0.4
12/7/2020 12:18 AM	0.4	2.3	---	0.7	-0.2
12/7/2020 12:24 AM	0.4	2.3	---	0.7	-0.2
12/7/2020 12:30 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 12:36 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 12:42 AM	0.4	2.3	---	0.6	-0.2
12/7/2020 12:48 AM	0.4	2.3	---	0.6	-0.2
12/7/2020 12:54 AM	0.4	2.3	---	0.7	-0.2
12/7/2020 1:00 AM	0.4	2.3	---	0.7	-0.2
12/7/2020 1:06 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:12 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 1:18 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:24 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:30 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:36 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 1:42 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:48 AM	0.4	2.2	---	0.7	-0.2
12/7/2020 1:54 AM	0.4	2.1	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/7/2020 2:00 AM	0.4	2.2	---	0.6	-0.3
12/7/2020 2:06 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 2:12 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 2:18 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 2:24 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 2:30 AM	0.4	2.2	---	0.6	-0.2
12/7/2020 2:36 AM	0.4	2.3	---	0.6	-0.2
12/7/2020 2:42 AM	0.4	2.3	---	0.6	-0.2
12/7/2020 2:48 AM	0.4	2.3	---	0.6	-0.2
12/7/2020 2:54 AM	0.4	2.4	---	0.6	-0.2
12/7/2020 3:00 AM	0.4	2.4	---	0.7	-0.2
12/7/2020 3:06 AM	0.4	2.5	---	0.7	-0.2
12/7/2020 3:12 AM	0.4	2.5	---	0.7	-0.2
12/7/2020 3:18 AM	0.4	2.5	---	0.7	-0.2
12/7/2020 3:24 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 3:30 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 3:36 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 3:42 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 3:48 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 3:54 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 4:00 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 4:06 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 4:12 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 4:18 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 4:24 AM	0.3	2.5	---	0.6	-0.3
12/7/2020 4:30 AM	0.3	2.5	---	0.6	-0.3
12/7/2020 4:36 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 4:42 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 4:48 AM	0.3	2.6	---	0.7	-0.2
12/7/2020 4:54 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:00 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 5:06 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:12 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:18 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:24 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:30 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:36 AM	0.3	2.6	---	0.7	-0.2
12/7/2020 5:42 AM	0.3	2.6	---	0.7	-0.2
12/7/2020 5:48 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 5:54 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 6:00 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 6:06 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 6:12 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 6:18 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 6:24 AM	0.3	2.5	---	0.7	-0.2
12/7/2020 6:30 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 6:36 AM	0.3	2.5	---	0.7	-0.3
12/7/2020 6:42 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 6:48 AM	0.3	2.6	---	0.7	-0.2
12/7/2020 6:54 AM	0.3	2.6	---	0.7	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

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10/1/2020

0:00

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/7/2020 7:00 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 7:06 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 7:12 AM	0.3	2.6	---	0.7	-0.2
12/7/2020 7:18 AM	0.3	2.6	---	0.7	-0.3
12/7/2020 7:24 AM	0.3	2.7	---	0.7	-0.3
12/7/2020 7:30 AM	0.3	2.7	---	0.7	-0.3
12/7/2020 7:36 AM	0.3	2.7	---	0.7	-0.3
12/7/2020 7:42 AM	0.3	2.8	---	0.7	-0.3
12/7/2020 7:48 AM	0.3	2.8	---	0.7	-0.3
12/7/2020 7:54 AM	0.3	2.9	---	0.7	-0.2
12/7/2020 8:00 AM	0.3	2.9	---	0.7	-0.2
12/7/2020 8:06 AM	0.3	2.9	---	0.7	-0.3
12/7/2020 8:12 AM	0.3	3.0	---	0.7	-0.2
12/7/2020 8:18 AM	0.3	3.0	---	0.7	-0.2
12/7/2020 8:24 AM	0.3	3.0	---	0.9	-0.3
12/7/2020 8:30 AM	0.3	3.1	---	1.1	-0.2
12/7/2020 8:36 AM	0.3	3.1	---	1.0	-0.2
12/7/2020 8:42 AM	0.3	3.2	---	0.9	-0.2
12/7/2020 8:48 AM	0.3	3.2	---	0.9	-0.2
12/7/2020 8:54 AM	0.3	3.2	---	0.8	-0.3
12/7/2020 9:00 AM	0.3	3.3	---	0.8	-0.2
12/7/2020 9:06 AM	0.3	3.3	---	0.9	-0.2
12/7/2020 9:12 AM	0.3	3.4	---	0.8	-0.2
12/7/2020 9:18 AM	0.3	3.4	---	0.8	-0.2
12/7/2020 9:24 AM	0.3	3.4	---	0.8	-0.2
12/7/2020 9:30 AM	0.3	3.4	---	0.8	-0.2
12/7/2020 9:36 AM	0.3	3.5	---	0.8	-0.2
12/7/2020 9:42 AM	0.2	3.4	---	0.8	-0.2
12/7/2020 9:48 AM	0.2	3.4	---	0.8	-0.2
12/7/2020 9:54 AM	0.2	7.9	---	0.8	-0.2
12/7/2020 10:00 AM	0.2	18.0	---	0.6	-0.2
12/7/2020 10:06 AM	0.2	13.7	---	0.4	-0.2
12/7/2020 10:12 AM	0.2	8.5	---	0.3	-0.3
12/7/2020 10:18 AM	0.3	8.3	---	0.3	-0.2
12/7/2020 10:24 AM	0.3	7.2	---	0.4	-0.2
12/7/2020 10:30 AM	0.3	6.1	---	0.4	-0.2
12/7/2020 10:36 AM	0.2	5.5	---	0.4	-0.2
12/7/2020 10:42 AM	0.2	4.9	---	0.4	-0.2
12/7/2020 10:48 AM	0.2	4.4	---	0.4	-0.3
12/7/2020 10:54 AM	0.1	3.9	---	0.4	-0.2
12/7/2020 11:00 AM	0.2	3.3	---	0.4	-0.2
12/7/2020 11:06 AM	0.2	2.7	---	0.4	-0.2
12/7/2020 11:12 AM	0.3	2.4	---	0.4	-0.2
12/7/2020 11:18 AM	0.3	2.2	---	0.4	-0.2
12/7/2020 11:24 AM	0.3	2.1	---	0.4	-0.2
12/7/2020 11:30 AM	0.3	1.9	---	0.5	-0.2
12/7/2020 11:36 AM	0.3	1.6	---	0.5	-0.2
12/7/2020 11:42 AM	0.3	1.4	---	0.5	-0.2
12/7/2020 11:48 AM	0.3	1.3	---	0.5	-0.2
12/7/2020 11:54 AM	0.4	1.2	---	0.5	-0.2

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23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/7/2020 12:00 PM	0.4	1.2	---	0.5	-0.2
12/7/2020 12:06 PM	0.4	1.1	---	0.5	-0.2
12/7/2020 12:12 PM	0.4	1.0	---	0.5	-0.2
12/7/2020 12:18 PM	0.4	1.1	---	0.5	-0.2
12/7/2020 12:24 PM	0.3	1.1	---	0.5	-0.2
12/7/2020 12:30 PM	0.3	1.1	---	0.5	-0.2
12/7/2020 12:36 PM	0.3	1.1	---	0.5	-0.2
12/7/2020 12:42 PM	0.3	1.1	---	0.6	-0.2
12/7/2020 12:48 PM	0.3	1.1	---	0.5	-0.2
12/7/2020 12:54 PM	0.3	1.1	---	0.5	-0.2
12/7/2020 1:00 PM	0.3	1.1	---	0.6	-0.2
12/7/2020 1:06 PM	0.3	1.1	---	0.6	-0.2
12/7/2020 1:12 PM	0.3	1.0	---	0.6	-0.2
12/7/2020 1:18 PM	0.3	1.0	---	0.5	-0.2
12/7/2020 1:24 PM	0.3	1.0	---	0.6	-0.2
12/7/2020 1:30 PM	0.3	1.0	---	0.6	5.4
12/7/2020 1:36 PM	0.3	1.0	---	0.6	6.1
12/7/2020 1:42 PM	0.3	1.0	---	0.6	0.1
12/7/2020 1:48 PM	0.4	1.0	---	0.6	-0.1
12/7/2020 1:54 PM	0.4	1.1	---	0.6	-0.1
12/7/2020 2:00 PM	0.4	1.1	---	0.6	-0.2
12/7/2020 2:06 PM	0.4	1.0	---	0.6	-0.2
12/7/2020 2:12 PM	0.4	1.0	---	0.6	-0.2
12/7/2020 2:18 PM	0.4	1.0	---	0.6	-0.2
12/7/2020 2:24 PM	0.4	1.0	---	0.6	-0.2
12/7/2020 2:30 PM	0.4	1.0	---	0.6	-0.2
12/7/2020 2:36 PM	0.5	0.9	---	0.6	-0.2
12/7/2020 2:42 PM	0.5	0.8	---	0.6	-0.2
12/7/2020 2:48 PM	0.5	0.8	---	0.6	-0.2
12/7/2020 2:54 PM	0.5	0.9	---	0.6	-0.2
12/7/2020 3:00 PM	0.5	1.0	---	0.6	-0.2
12/7/2020 3:06 PM	0.4	1.1	---	0.6	-0.2
12/7/2020 3:12 PM	0.4	1.2	---	0.6	-0.2
12/7/2020 3:18 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:24 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:30 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:36 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:42 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:48 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 3:54 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 4:00 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 4:06 PM	0.4	1.3	---	0.6	-0.2
12/7/2020 4:12 PM	0.4	1.2	---	0.7	-0.2
12/7/2020 4:18 PM	0.4	1.0	---	0.7	-0.2
12/7/2020 4:24 PM	0.4	1.0	---	0.7	-0.2
12/7/2020 4:30 PM	0.4	0.9	---	0.6	-0.2
12/7/2020 4:36 PM	0.4	0.9	---	0.6	-0.2
12/7/2020 4:42 PM	0.5	0.9	---	0.6	-0.2
12/7/2020 4:48 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 4:54 PM	0.5	0.9	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/7/2020 5:00 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:06 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:12 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:18 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:24 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 5:30 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 5:36 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:42 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 5:48 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 5:54 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:00 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:06 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 6:12 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:18 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:24 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:30 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:36 PM	0.5	0.9	---	0.7	-0.2
12/7/2020 6:42 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 6:48 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 6:54 PM	0.4	1.0	---	0.7	-0.2
12/7/2020 7:00 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:06 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:12 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:18 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:24 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:30 PM	0.4	0.9	---	0.7	-0.2
12/7/2020 7:36 PM	20.8	0.9	---	0.7	-0.2
12/7/2020 7:42 PM	41.1	0.9	---	0.7	-0.2
12/7/2020 7:48 PM	39.1	0.9	---	0.7	-0.2
12/7/2020 7:54 PM	32.2	0.9	---	0.7	-0.2
12/7/2020 8:00 PM	18.8	0.8	---	0.7	-0.2
12/7/2020 8:06 PM	13.0	0.8	---	0.7	-0.2
12/7/2020 8:12 PM	12.6	0.8	---	0.7	-0.2
12/7/2020 8:18 PM	13.4	0.8	---	0.7	-0.2
12/7/2020 8:24 PM	10.6	0.8	---	0.7	-0.2
12/7/2020 8:30 PM	6.5	0.8	---	0.7	-0.2
12/7/2020 8:36 PM	3.6	0.8	---	0.6	-0.2
12/7/2020 8:42 PM	2.4	0.9	---	0.7	-0.2
12/7/2020 8:48 PM	1.7	0.9	---	0.7	-0.2
12/7/2020 8:54 PM	1.4	0.9	---	0.7	-0.2
12/7/2020 9:00 PM	1.2	0.9	---	0.7	-0.2
12/7/2020 9:06 PM	1.1	0.9	---	0.7	-0.2
12/7/2020 9:12 PM	1.0	0.9	---	0.7	-0.2
12/7/2020 9:18 PM	0.9	0.9	---	0.7	-0.2
12/7/2020 9:24 PM	0.8	0.9	---	0.7	-0.2
12/7/2020 9:30 PM	0.8	0.9	---	0.7	-0.2
12/7/2020 9:36 PM	0.8	0.9	---	0.7	-0.2
12/7/2020 9:42 PM	0.7	0.9	---	0.6	-0.2
12/7/2020 9:48 PM	0.7	0.9	---	0.6	-0.2
12/7/2020 9:54 PM	0.6	0.9	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/7/2020 10:00 PM	0.6	0.8	---	0.7	-0.2
12/7/2020 10:06 PM	0.5	0.8	---	0.6	-0.2
12/7/2020 10:12 PM	0.5	0.8	---	0.6	-0.2
12/7/2020 10:18 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 10:24 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 10:30 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 10:36 PM	0.5	0.8	---	0.7	-0.2
12/7/2020 10:42 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 10:48 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 10:54 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:00 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 11:06 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 11:12 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 11:18 PM	0.4	0.8	---	0.7	-0.2
12/7/2020 11:24 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:30 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:36 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:42 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:48 PM	0.4	0.7	---	0.7	-0.2
12/7/2020 11:54 PM	0.4	0.7	---	0.7	-0.2
12/8/2020 12:00 AM	0.3	0.7	---	0.7	-0.2
12/8/2020 12:06 AM	0.3	0.7	---	0.6	-0.2
12/8/2020 12:12 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:18 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:24 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:30 AM	0.3	0.8	---	0.4	-0.2
12/8/2020 12:36 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:42 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:48 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 12:54 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 1:00 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 1:06 AM	0.3	0.7	---	0.4	-0.2
12/8/2020 1:12 AM	0.3	0.7	---	0.5	-0.2
12/8/2020 1:18 AM	0.3	0.7	---	0.5	-0.2
12/8/2020 1:24 AM	0.3	0.7	---	0.5	-0.2
12/8/2020 1:30 AM	0.3	0.8	---	0.5	-0.2
12/8/2020 1:36 AM	0.3	0.8	---	0.5	-0.2
12/8/2020 1:42 AM	0.3	0.8	---	0.5	-0.2
12/8/2020 1:48 AM	0.3	0.8	---	0.5	-0.2
12/8/2020 1:54 AM	0.3	0.8	---	0.5	-0.2
12/8/2020 2:00 AM	0.2	0.8	---	0.5	-0.2
12/8/2020 2:06 AM	0.2	0.7	---	0.5	-0.2
12/8/2020 2:12 AM	0.2	1.1	---	0.2	-0.2
12/8/2020 2:18 AM	0.2	1.4	---	-0.4	-0.2
12/8/2020 2:24 AM	0.2	1.1	---	-0.6	-0.2
12/8/2020 2:30 AM	0.2	0.9	---	-0.6	-0.2
12/8/2020 2:36 AM	0.2	0.9	---	-0.6	-0.2
12/8/2020 2:42 AM	0.2	0.9	---	-0.6	-0.2
12/8/2020 2:48 AM	0.2	0.8	---	-0.6	-0.2
12/8/2020 2:54 AM	0.2	0.8	---	-0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/8/2020 3:00 AM	0.2	0.8	---	-0.6	-0.2
12/8/2020 3:06 AM	0.2	0.8	---	-0.6	-0.2
12/8/2020 3:12 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:18 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:24 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:30 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:36 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:42 AM	0.2	0.6	---	-0.6	-0.2
12/8/2020 3:48 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 3:54 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 4:00 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 4:06 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 4:12 AM	0.2	0.7	---	-0.6	-0.2
12/8/2020 4:18 AM	0.2	0.8	---	-0.6	-0.2
12/8/2020 4:24 AM	0.2	0.6	---	-0.6	-0.2
12/8/2020 4:30 AM	0.2	0.2	---	-0.6	-0.2
12/8/2020 4:36 AM	0.2	0.0	---	-0.6	-0.2
12/8/2020 4:42 AM	0.1	0.0	---	-0.6	-0.2
12/8/2020 4:48 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 4:54 AM	0.2	-0.1	---	-0.6	-0.2
12/8/2020 5:00 AM	0.2	-0.1	---	-0.6	-0.2
12/8/2020 5:06 AM	0.2	0.0	---	-0.6	-0.2
12/8/2020 5:12 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 5:18 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 5:24 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 5:30 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 5:36 AM	0.1	-0.2	---	-0.6	-0.2
12/8/2020 5:42 AM	0.1	-0.2	---	-0.6	-0.2
12/8/2020 5:48 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 5:54 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:00 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:06 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:12 AM	0.1	0.0	---	-0.6	-0.2
12/8/2020 6:18 AM	0.1	0.0	---	-0.6	-0.2
12/8/2020 6:24 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:30 AM	0.1	0.0	---	-0.6	-0.2
12/8/2020 6:36 AM	0.1	0.0	---	-0.6	-0.2
12/8/2020 6:42 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:48 AM	0.1	-0.1	---	-0.6	-0.2
12/8/2020 6:54 AM	0.1	-0.1	---	1.1	-0.2
12/8/2020 7:00 AM	0.1	-0.1	---	2.0	-0.2
12/8/2020 7:06 AM	0.1	-0.1	---	0.3	-0.2
12/8/2020 7:12 AM	0.1	-0.1	---	-0.2	-0.2
12/8/2020 7:18 AM	0.1	-0.1	---	-0.3	-0.2
12/8/2020 7:24 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 7:30 AM	0.1	-0.1	---	-0.3	-0.2
12/8/2020 7:36 AM	0.1	-0.1	---	-0.3	-0.2
12/8/2020 7:42 AM	0.1	-0.1	---	-0.3	-0.2
12/8/2020 7:48 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 7:54 AM	0.1	-0.1	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/8/2020 8:00 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:06 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:12 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:18 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:24 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:30 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:36 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 8:42 AM	0.1	0.0	---	-0.4	-0.2
12/8/2020 8:48 AM	0.1	0.0	---	-0.4	-0.2
12/8/2020 8:54 AM	0.1	0.0	---	-0.4	-0.2
12/8/2020 9:00 AM	0.1	0.0	---	-0.4	-0.2
12/8/2020 9:06 AM	0.1	-0.1	---	1.8	-0.2
12/8/2020 9:12 AM	0.1	-0.1	---	1.9	-0.2
12/8/2020 9:18 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:24 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:30 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:36 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:42 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:48 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 9:54 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 10:00 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 10:06 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 10:12 AM	0.1	-0.1	---	-0.5	-0.2
12/8/2020 10:18 AM	0.1	-0.1	---	-0.5	-0.2
12/8/2020 10:24 AM	0.1	0.0	---	-0.4	-0.2
12/8/2020 10:30 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 10:36 AM	0.1	-0.1	---	-0.4	-0.2
12/8/2020 10:42 AM	0.1	0.0	---	-0.5	-0.2
12/8/2020 10:48 AM	0.1	0.0	---	-0.5	-0.2
12/8/2020 10:54 AM	0.1	0.0	---	1.9	-0.2
12/8/2020 11:00 AM	0.1	-0.1	---	4.4	-0.2
12/8/2020 11:06 AM	0.1	-0.1	---	3.1	-0.2
12/8/2020 11:12 AM	0.1	0.0	---	1.5	-0.2
12/8/2020 11:18 AM	0.1	-0.1	---	1.0	-0.2
12/8/2020 11:24 AM	0.1	-0.1	---	0.9	-0.2
12/8/2020 11:30 AM	0.1	0.0	---	0.8	-0.2
12/8/2020 11:36 AM	0.1	0.0	---	0.8	-0.2
12/8/2020 11:42 AM	0.1	0.0	---	0.8	-0.2
12/8/2020 11:48 AM	0.1	0.0	---	0.8	-0.2
12/8/2020 11:54 AM	0.1	0.0	---	0.8	-0.2
12/8/2020 12:00 PM	0.2	0.0	---	0.9	-0.2
12/8/2020 12:06 PM	0.4	0.0	---	1.0	-0.2
12/8/2020 12:12 PM	0.4	0.1	---	1.0	-0.2
12/8/2020 12:18 PM	0.4	0.0	---	1.1	-0.2
12/8/2020 12:24 PM	0.4	0.0	---	1.1	-0.2
12/8/2020 12:30 PM	0.3	0.1	---	1.1	-0.2
12/8/2020 12:36 PM	0.3	0.1	---	1.1	-0.2
12/8/2020 12:42 PM	0.3	0.1	---	1.1	-0.2
12/8/2020 12:48 PM	0.3	0.1	---	1.0	-0.2
12/8/2020 12:54 PM	0.3	0.1	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/8/2020 1:00 PM	0.3	0.1	---	0.8	-0.2
12/8/2020 1:06 PM	0.3	0.1	---	0.8	-0.2
12/8/2020 1:12 PM	0.3	0.1	---	0.8	-0.2
12/8/2020 1:18 PM	0.3	0.1	---	0.7	-0.2
12/8/2020 1:24 PM	0.4	0.1	---	0.7	-0.2
12/8/2020 1:30 PM	0.4	6.1	---	0.7	-0.2
12/8/2020 1:36 PM	0.4	3.5	---	0.6	-0.2
12/8/2020 1:42 PM	0.4	0.7	---	0.6	-0.2
12/8/2020 1:48 PM	0.4	0.3	---	0.6	-0.2
12/8/2020 1:54 PM	0.4	0.2	---	0.6	-0.2
12/8/2020 2:00 PM	0.4	0.2	---	0.6	9.6
12/8/2020 2:06 PM	0.4	0.3	---	0.6	14.7
12/8/2020 2:12 PM	0.4	0.3	---	0.6	4.3
12/8/2020 2:18 PM	0.4	0.2	---	0.6	0.5
12/8/2020 2:24 PM	0.4	0.2	---	0.5	0.1
12/8/2020 2:30 PM	0.4	0.2	---	0.5	-0.1
12/8/2020 2:36 PM	0.4	0.2	---	0.5	-0.1
12/8/2020 2:42 PM	0.4	0.3	---	0.5	-0.2
12/8/2020 2:48 PM	0.4	0.3	---	0.5	-0.2
12/8/2020 2:54 PM	0.4	0.4	---	0.5	-0.2
12/8/2020 3:00 PM	0.4	0.3	---	0.5	-0.2
12/8/2020 3:06 PM	0.4	0.3	---	0.5	-0.2
12/8/2020 3:12 PM	0.5	0.3	---	0.5	-0.2
12/8/2020 3:18 PM	0.5	0.3	---	0.5	-0.2
12/8/2020 3:24 PM	0.5	0.3	---	0.5	-0.2
12/8/2020 3:30 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 3:36 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 3:42 PM	0.5	0.3	---	0.6	-0.2
12/8/2020 3:48 PM	0.5	0.3	---	0.5	-0.2
12/8/2020 3:54 PM	0.5	0.3	---	0.5	-0.2
12/8/2020 4:00 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:06 PM	0.4	0.4	---	0.5	-0.2
12/8/2020 4:12 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:18 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:24 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:30 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:36 PM	0.5	0.4	---	0.5	-0.2
12/8/2020 4:42 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 4:48 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 4:54 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:00 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:06 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:12 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 5:18 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:24 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:30 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:36 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 5:42 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:48 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 5:54 PM	0.6	0.4	---	0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/8/2020 6:00 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:06 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:12 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:18 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:24 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:30 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:36 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 6:42 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 6:48 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 6:54 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 7:00 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:06 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:12 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:18 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 7:24 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:30 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:36 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 7:42 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 7:48 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 7:54 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 8:00 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 8:06 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 8:12 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 8:18 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 8:24 PM	0.6	0.4	---	0.5	-0.2
12/8/2020 8:30 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 8:36 PM	0.6	0.4	---	0.6	-0.2
12/8/2020 8:42 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 8:48 PM	0.6	0.5	---	0.5	-0.2
12/8/2020 8:54 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:00 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:06 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:12 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:18 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:24 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:30 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:36 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:42 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:48 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 9:54 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:00 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:06 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:12 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:18 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:24 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:30 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:36 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:42 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:48 PM	0.6	0.5	---	0.6	-0.2
12/8/2020 10:54 PM	0.6	0.5	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/8/2020 11:00 PM	0.6	0.6	---	0.6	-0.2
12/8/2020 11:06 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:12 PM	0.6	0.6	---	0.6	-0.2
12/8/2020 11:18 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:24 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:30 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:36 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:42 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:48 PM	0.5	0.6	---	0.6	-0.2
12/8/2020 11:54 PM	0.5	0.6	---	0.6	-0.2
12/9/2020 12:00 AM	0.6	0.6	---	0.6	-0.2
12/9/2020 12:06 AM	0.5	0.6	---	0.6	-0.2
12/9/2020 12:12 AM	0.6	0.6	---	0.6	-0.2
12/9/2020 12:18 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 12:24 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 12:30 AM	0.6	0.6	---	0.6	-0.2
12/9/2020 12:36 AM	0.6	0.6	---	0.6	-0.2
12/9/2020 12:42 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 12:48 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 12:54 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 1:00 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 1:06 AM	0.6	0.7	---	0.7	-0.2
12/9/2020 1:12 AM	0.6	0.8	---	0.9	-0.2
12/9/2020 1:18 AM	0.6	0.8	---	0.8	-0.2
12/9/2020 1:24 AM	0.6	0.8	---	0.7	-0.2
12/9/2020 1:30 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 1:36 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 1:42 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 1:48 AM	0.6	0.7	---	0.6	-0.2
12/9/2020 1:54 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 2:00 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 2:06 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 2:12 AM	0.6	0.8	---	0.6	-0.2
12/9/2020 2:18 AM	0.5	0.8	---	0.6	-0.2
12/9/2020 2:24 AM	0.5	0.8	---	0.6	-0.2
12/9/2020 2:30 AM	0.5	0.9	---	0.6	-0.2
12/9/2020 2:36 AM	0.5	0.9	---	0.6	-0.2
12/9/2020 2:42 AM	0.5	0.8	---	0.6	-0.2
12/9/2020 2:48 AM	0.5	0.9	---	0.6	-0.2
12/9/2020 2:54 AM	0.5	0.9	---	0.6	-0.2
12/9/2020 3:00 AM	0.5	0.9	---	0.7	-0.2
12/9/2020 3:06 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:12 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:18 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:24 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:30 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:36 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:42 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:48 AM	0.5	1.0	---	0.8	-0.2
12/9/2020 3:54 AM	0.5	1.1	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/9/2020 4:00 AM	0.5	1.1	---	0.8	-0.2
12/9/2020 4:06 AM	0.5	1.1	---	0.8	-0.2
12/9/2020 4:12 AM	0.5	1.1	---	0.8	-0.2
12/9/2020 4:18 AM	0.5	1.1	---	0.8	-0.2
12/9/2020 4:24 AM	0.5	1.2	---	0.8	-0.2
12/9/2020 4:30 AM	0.5	1.2	---	0.7	-0.2
12/9/2020 4:36 AM	0.5	1.1	---	0.5	-0.2
12/9/2020 4:42 AM	0.5	1.1	---	0.5	-0.2
12/9/2020 4:48 AM	0.5	1.2	---	0.5	-0.2
12/9/2020 4:54 AM	0.5	1.2	---	0.5	-0.2
12/9/2020 5:00 AM	0.5	1.2	---	0.5	-0.2
12/9/2020 5:06 AM	0.6	1.2	---	0.5	-0.2
12/9/2020 5:12 AM	0.5	1.2	---	0.5	-0.2
12/9/2020 5:18 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 5:24 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 5:30 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 5:36 AM	0.5	1.3	---	0.6	-0.2
12/9/2020 5:42 AM	0.5	1.3	---	0.6	-0.2
12/9/2020 5:48 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 5:54 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 6:00 AM	0.5	1.2	---	0.6	-0.2
12/9/2020 6:06 AM	0.5	1.3	---	0.6	-0.2
12/9/2020 6:12 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 6:18 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 6:24 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 6:30 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 6:36 AM	0.5	1.3	---	0.6	-0.2
12/9/2020 6:42 AM	0.6	1.4	---	0.7	-0.2
12/9/2020 6:48 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 6:54 AM	0.5	1.3	---	0.7	-0.2
12/9/2020 7:00 AM	0.5	1.4	---	0.7	-0.2
12/9/2020 7:06 AM	0.5	1.4	---	0.7	-0.2
12/9/2020 7:12 AM	0.5	1.4	---	0.7	-0.2
12/9/2020 7:18 AM	0.5	1.4	---	0.7	-0.2
12/9/2020 7:24 AM	0.5	1.5	---	0.7	-0.2
12/9/2020 7:30 AM	0.5	1.5	---	0.7	-0.2
12/9/2020 7:36 AM	0.5	1.5	---	0.8	-0.2
12/9/2020 7:42 AM	0.5	1.6	---	0.8	-0.2
12/9/2020 7:48 AM	0.5	1.6	---	0.8	-0.2
12/9/2020 7:54 AM	0.5	1.6	---	0.8	-0.2
12/9/2020 8:00 AM	0.5	1.6	---	0.8	-0.2
12/9/2020 8:06 AM	0.5	1.6	---	0.8	-0.2
12/9/2020 8:12 AM	0.5	1.7	---	0.8	-0.2
12/9/2020 8:18 AM	0.5	1.7	---	0.8	-0.2
12/9/2020 8:24 AM	0.5	1.7	---	0.8	-0.2
12/9/2020 8:30 AM	0.5	1.8	---	0.7	-0.2
12/9/2020 8:36 AM	0.5	1.8	---	0.7	-0.2
12/9/2020 8:42 AM	0.5	1.8	---	0.6	-0.2
12/9/2020 8:48 AM	0.5	6.4	---	0.7	-0.2
12/9/2020 8:54 AM	0.5	16.3	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/9/2020 9:00 AM	0.5	11.6	---	0.7	-0.2
12/9/2020 9:06 AM	0.5	7.5	---	0.8	-0.2
12/9/2020 9:12 AM	0.5	7.0	---	0.8	-0.2
12/9/2020 9:18 AM	0.5	5.1	---	0.8	-0.2
12/9/2020 9:24 AM	0.5	3.5	---	0.8	-0.2
12/9/2020 9:30 AM	0.5	3.0	---	0.8	-0.2
12/9/2020 9:36 AM	0.5	2.8	---	0.8	-0.2
12/9/2020 9:42 AM	0.5	2.8	---	0.8	-0.2
12/9/2020 9:48 AM	0.5	2.5	---	0.7	-0.2
12/9/2020 9:54 AM	0.5	1.9	---	0.5	-0.2
12/9/2020 10:00 AM	0.5	1.4	---	0.4	-0.2
12/9/2020 10:06 AM	0.5	1.4	---	0.4	-0.2
12/9/2020 10:12 AM	0.5	1.3	---	0.4	-0.2
12/9/2020 10:18 AM	0.5	1.2	---	0.4	-0.2
12/9/2020 10:24 AM	0.5	1.2	---	0.4	-0.2
12/9/2020 10:30 AM	0.5	1.1	---	0.4	-0.2
12/9/2020 10:36 AM	0.5	1.0	---	0.4	-0.2
12/9/2020 10:42 AM	0.5	1.0	---	0.4	-0.2
12/9/2020 10:48 AM	0.5	0.9	---	0.4	-0.2
12/9/2020 10:54 AM	0.5	0.9	---	0.4	-0.2
12/9/2020 11:00 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:06 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:12 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:18 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:24 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:30 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:36 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:42 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:48 AM	0.5	0.8	---	0.4	-0.2
12/9/2020 11:54 AM	0.5	0.8	---	0.5	-0.2
12/9/2020 12:00 PM	0.5	0.8	---	0.5	-0.2
12/9/2020 12:06 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:12 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:18 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:24 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:30 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:36 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:42 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:48 PM	0.4	0.8	---	0.5	-0.2
12/9/2020 12:54 PM	4.8	0.7	---	0.6	-0.2
12/9/2020 1:00 PM	8.6	0.8	---	0.6	-0.2
12/9/2020 1:06 PM	7.4	0.7	---	0.6	-0.2
12/9/2020 1:12 PM	8.2	0.8	---	0.5	-0.2
12/9/2020 1:18 PM	10.3	0.8	---	0.5	-0.2
12/9/2020 1:24 PM	12.4	0.8	---	0.6	-0.1
12/9/2020 1:30 PM	9.6	0.8	---	0.6	-0.1
12/9/2020 1:36 PM	7.4	0.7	---	0.6	-0.1
12/9/2020 1:42 PM	5.8	0.7	---	0.6	-0.1
12/9/2020 1:48 PM	6.9	0.7	---	0.6	-0.1
12/9/2020 1:54 PM	7.4	0.7	---	0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/9/2020 2:00 PM	8.5	0.7	---	0.6	-0.1
12/9/2020 2:06 PM	24.8	0.7	---	0.6	-0.1
12/9/2020 2:12 PM	28.0	0.7	---	0.6	-0.1
12/9/2020 2:18 PM	23.7	0.7	---	0.6	-0.1
12/9/2020 2:24 PM	20.0	0.7	---	0.6	-0.1
12/9/2020 2:30 PM	17.1	0.7	---	0.6	-0.1
12/9/2020 2:36 PM	15.0	0.6	---	0.5	-0.1
12/9/2020 2:42 PM	12.6	0.6	---	0.6	-0.1
12/9/2020 2:48 PM	9.5	0.6	---	0.5	-0.1
12/9/2020 2:54 PM	5.5	0.6	---	0.5	-0.2
12/9/2020 3:00 PM	2.5	0.7	---	0.6	-0.2
12/9/2020 3:06 PM	1.5	0.7	---	0.5	-0.2
12/9/2020 3:12 PM	1.2	0.7	---	0.6	-0.2
12/9/2020 3:18 PM	1.1	0.7	---	0.6	-0.2
12/9/2020 3:24 PM	1.0	0.7	---	0.6	-0.2
12/9/2020 3:30 PM	1.0	0.7	---	0.5	-0.2
12/9/2020 3:36 PM	0.9	0.7	---	0.8	-0.2
12/9/2020 3:42 PM	0.9	0.8	---	1.1	-0.1
12/9/2020 3:48 PM	0.9	0.7	---	1.1	-0.2
12/9/2020 3:54 PM	0.8	0.6	---	1.1	-0.2
12/9/2020 4:00 PM	0.8	0.6	---	1.0	-0.2
12/9/2020 4:06 PM	0.8	0.7	---	1.0	-0.2
12/9/2020 4:12 PM	0.8	0.7	---	1.0	-0.2
12/9/2020 4:18 PM	4.8	0.7	---	1.0	-0.2
12/9/2020 4:24 PM	7.3	0.7	---	0.9	-0.2
12/9/2020 4:30 PM	6.9	0.7	---	0.9	-0.2
12/9/2020 4:36 PM	8.1	0.7	---	0.9	-0.1
12/9/2020 4:42 PM	7.7	0.7	---	0.9	-0.1
12/9/2020 4:48 PM	6.3	0.7	---	0.9	-0.1
12/9/2020 4:54 PM	4.6	0.7	---	0.7	-0.1
12/9/2020 5:00 PM	3.8	0.7	---	0.5	-0.1
12/9/2020 5:06 PM	3.2	0.7	---	0.4	-0.1
12/9/2020 5:12 PM	2.6	0.7	---	0.4	-0.1
12/9/2020 5:18 PM	2.0	0.7	---	0.4	-0.1
12/9/2020 5:24 PM	1.6	0.7	---	0.4	-0.1
12/9/2020 5:30 PM	1.3	0.6	---	0.5	-0.1
12/9/2020 5:36 PM	4.3	0.6	---	0.5	-0.2
12/9/2020 5:42 PM	5.9	0.6	---	0.5	-0.2
12/9/2020 5:48 PM	6.5	0.6	---	0.5	-0.1
12/9/2020 5:54 PM	6.0	0.6	---	0.5	-0.1
12/9/2020 6:00 PM	5.9	0.7	---	0.5	-0.1
12/9/2020 6:06 PM	4.9	0.7	---	0.5	-0.1
12/9/2020 6:12 PM	3.7	0.7	---	0.4	-0.1
12/9/2020 6:18 PM	2.2	0.5	---	0.4	-0.1
12/9/2020 6:24 PM	1.9	0.6	---	0.5	-0.1
12/9/2020 6:30 PM	1.8	0.5	---	0.5	-0.1
12/9/2020 6:36 PM	1.7	0.4	---	0.5	-0.1
12/9/2020 6:42 PM	1.8	0.4	---	0.5	-0.1
12/9/2020 6:48 PM	1.8	0.3	---	0.6	-0.1
12/9/2020 6:54 PM	1.8	0.3	---	0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/9/2020 7:00 PM	1.8	0.3	---	0.6	-0.1
12/9/2020 7:06 PM	1.6	0.3	---	0.6	-0.1
12/9/2020 7:12 PM	1.5	0.3	---	0.6	-0.1
12/9/2020 7:18 PM	1.3	0.3	---	0.6	-0.1
12/9/2020 7:24 PM	1.1	0.2	---	0.6	-0.1
12/9/2020 7:30 PM	0.9	0.2	---	0.5	-0.1
12/9/2020 7:36 PM	0.8	0.2	---	0.5	-0.1
12/9/2020 7:42 PM	0.8	0.2	---	0.5	-0.1
12/9/2020 7:48 PM	0.9	0.1	---	0.6	-0.1
12/9/2020 7:54 PM	1.0	0.1	---	0.6	-0.1
12/9/2020 8:00 PM	1.2	0.1	---	0.6	-0.1
12/9/2020 8:06 PM	1.2	0.2	---	0.6	-0.1
12/9/2020 8:12 PM	1.1	4.0	---	0.6	-0.1
12/9/2020 8:18 PM	0.5	5.4	---	0.6	-0.2
12/9/2020 8:24 PM	0.0	1.5	---	0.6	-0.2
12/9/2020 8:30 PM	-0.1	1.2	---	0.6	-0.1
12/9/2020 8:36 PM	-0.1	1.1	---	0.6	-0.1
12/9/2020 8:42 PM	0.0	1.0	---	0.6	-0.1
12/9/2020 8:48 PM	0.1	0.9	---	0.6	-0.1
12/9/2020 8:54 PM	0.1	0.9	---	0.6	-0.1
12/9/2020 9:00 PM	0.1	0.9	---	0.6	-0.1
12/9/2020 9:06 PM	0.1	0.9	---	0.6	-0.1
12/9/2020 9:12 PM	0.2	0.9	---	0.6	-0.1
12/9/2020 9:18 PM	0.2	0.9	---	0.6	-0.1
12/9/2020 9:24 PM	0.2	1.0	---	0.6	-0.1
12/9/2020 9:30 PM	0.2	1.0	---	0.6	-0.1
12/9/2020 9:36 PM	0.3	1.0	---	0.6	-0.1
12/9/2020 9:42 PM	0.3	1.0	---	0.6	-0.1
12/9/2020 9:48 PM	0.2	0.9	---	0.6	-0.1
12/9/2020 9:54 PM	0.2	0.9	---	0.6	-0.1
12/9/2020 10:00 PM	0.2	0.9	---	0.6	-0.1
12/9/2020 10:06 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:12 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:18 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:24 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:30 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:36 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:42 PM	0.3	0.9	---	0.5	-0.1
12/9/2020 10:48 PM	0.3	0.9	---	0.6	-0.1
12/9/2020 10:54 PM	0.3	0.9	---	0.5	-0.1
12/9/2020 11:00 PM	0.3	0.9	---	0.5	-0.1
12/9/2020 11:06 PM	0.3	0.9	---	0.5	-0.1
12/9/2020 11:12 PM	0.4	0.9	---	0.5	-0.1
12/9/2020 11:18 PM	0.4	0.9	---	0.5	-0.1
12/9/2020 11:24 PM	0.4	0.9	---	0.5	-0.1
12/9/2020 11:30 PM	0.4	1.6	---	0.3	-0.1
12/9/2020 11:36 PM	0.4	1.9	---	-0.3	-0.1
12/9/2020 11:42 PM	0.5	1.3	---	-0.7	-0.1
12/9/2020 11:48 PM	0.5	1.2	---	-0.7	-0.1
12/9/2020 11:54 PM	0.4	1.2	---	-0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/10/2020 12:00 AM	0.4	1.1	---	-0.7	-0.1
12/10/2020 12:06 AM	0.4	1.1	---	-0.7	-0.1
12/10/2020 12:12 AM	0.4	1.1	---	-0.7	-0.1
12/10/2020 12:18 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 12:24 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 12:30 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 12:36 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 12:42 AM	0.4	1.1	---	-0.7	-0.1
12/10/2020 12:48 AM	0.4	1.0	---	-0.7	-0.1
12/10/2020 12:54 AM	0.5	1.0	---	-0.7	-0.1
12/10/2020 1:00 AM	0.5	1.1	---	-0.6	-0.1
12/10/2020 1:06 AM	0.5	1.1	---	-0.6	-0.1
12/10/2020 1:12 AM	0.5	1.2	---	-0.6	-0.1
12/10/2020 1:18 AM	0.5	1.2	---	-0.6	-0.1
12/10/2020 1:24 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 1:30 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 1:36 AM	0.5	1.1	---	-0.7	-0.1
12/10/2020 1:42 AM	0.5	1.1	---	-0.6	-0.1
12/10/2020 1:48 AM	0.5	1.1	---	-0.6	-0.1
12/10/2020 1:54 AM	0.5	1.2	---	-0.6	-0.1
12/10/2020 2:00 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 2:06 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 2:12 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 2:18 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 2:24 AM	0.5	1.3	---	-0.6	-0.1
12/10/2020 2:30 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 2:36 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 2:42 AM	0.6	1.3	---	-0.7	-0.1
12/10/2020 2:48 AM	0.6	1.3	---	-0.7	-0.1
12/10/2020 2:54 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:00 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:06 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:12 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:18 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:24 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:30 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:36 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 3:42 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 3:48 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 3:54 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 4:00 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 4:06 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 4:12 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 4:18 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:24 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:30 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:36 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:42 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:48 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 4:54 AM	0.6	1.2	---	-0.6	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/10/2020 5:00 AM	0.6	1.3	---	-0.6	-0.1
12/10/2020 5:06 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 5:12 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 5:18 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 5:24 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 5:30 AM	0.6	1.2	---	-0.6	-0.1
12/10/2020 5:36 AM	0.6	1.0	---	-0.6	-0.1
12/10/2020 5:42 AM	0.6	0.9	---	-0.6	-0.1
12/10/2020 5:48 AM	0.6	0.9	---	-0.6	-0.1
12/10/2020 5:54 AM	0.6	0.9	---	-0.6	-0.1
12/10/2020 6:00 AM	0.6	1.0	---	-0.6	-0.1
12/10/2020 6:06 AM	0.6	1.1	---	-0.6	-0.1
12/10/2020 6:12 AM	0.6	1.0	---	-0.6	-0.1
12/10/2020 6:18 AM	0.6	0.9	---	-0.6	-0.1
12/10/2020 6:24 AM	0.6	0.9	---	-0.6	-0.1
12/10/2020 6:30 AM	0.6	1.0	---	-0.6	-0.1
12/10/2020 6:36 AM	0.6	1.1	---	-0.6	-0.1
12/10/2020 6:42 AM	0.6	1.1	---	-0.6	-0.1
12/10/2020 6:48 AM	0.6	1.1	---	-0.6	-0.1
12/10/2020 6:54 AM	0.6	1.1	---	-0.6	-0.1
12/10/2020 7:00 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:06 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:12 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:18 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:24 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:30 AM	0.6	1.1	---	-0.7	-0.1
12/10/2020 7:36 AM	0.7	1.2	---	-0.7	-0.1
12/10/2020 7:42 AM	0.7	1.3	---	-0.7	-0.1
12/10/2020 7:48 AM	0.7	1.2	---	-0.7	-0.1
12/10/2020 7:54 AM	0.7	1.2	---	-0.7	-0.1
12/10/2020 8:00 AM	0.7	1.1	---	-0.7	-0.1
12/10/2020 8:06 AM	0.7	1.1	---	-0.7	-0.1
12/10/2020 8:12 AM	0.7	1.2	---	-0.7	-0.1
12/10/2020 8:18 AM	0.7	1.3	---	-0.7	-0.1
12/10/2020 8:24 AM	0.7	1.3	---	-0.7	-0.1
12/10/2020 8:30 AM	0.7	1.5	---	-0.7	-0.1
12/10/2020 8:36 AM	4.0	2.0	---	-0.7	-0.1
12/10/2020 8:42 AM	3.8	1.9	---	-0.7	-0.1
12/10/2020 8:48 AM	1.8	1.7	---	3.5	-0.1
12/10/2020 8:54 AM	2.7	1.3	---	6.1	-0.1
12/10/2020 9:00 AM	3.3	1.0	---	2.5	-0.1
12/10/2020 9:06 AM	1.9	1.0	---	1.4	-0.1
12/10/2020 9:12 AM	1.5	1.0	---	1.2	-0.1
12/10/2020 9:18 AM	1.3	1.1	---	1.0	-0.1
12/10/2020 9:24 AM	1.0	1.1	---	0.9	-0.1
12/10/2020 9:30 AM	0.8	1.0	---	0.9	-0.1
12/10/2020 9:36 AM	0.7	1.0	---	0.8	-0.1
12/10/2020 9:42 AM	2.8	1.0	---	0.9	-0.1
12/10/2020 9:48 AM	3.8	0.7	---	0.8	-0.1
12/10/2020 9:54 AM	2.0	0.5	---	0.8	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/10/2020 10:00 AM	1.8	0.5	---	0.8	-0.1
12/10/2020 10:06 AM	1.8	0.5	---	0.8	-0.1
12/10/2020 10:12 AM	2.0	0.5	---	0.8	-0.1
12/10/2020 10:18 AM	2.0	0.5	---	1.0	-0.1
12/10/2020 10:24 AM	2.1	0.5	---	1.1	-0.1
12/10/2020 10:30 AM	2.0	0.5	---	1.1	-0.1
12/10/2020 10:36 AM	2.0	0.4	---	1.1	-0.1
12/10/2020 10:42 AM	1.9	0.4	---	1.1	-0.1
12/10/2020 10:48 AM	1.8	0.4	---	1.1	-0.1
12/10/2020 10:54 AM	1.7	0.4	---	1.1	-0.1
12/10/2020 11:00 AM	1.5	0.4	---	1.1	-0.1
12/10/2020 11:06 AM	1.3	0.4	---	1.1	-0.1
12/10/2020 11:12 AM	1.2	0.5	---	1.1	-0.1
12/10/2020 11:18 AM	1.2	0.5	---	1.0	-0.1
12/10/2020 11:24 AM	1.3	0.5	---	1.1	-0.1
12/10/2020 11:30 AM	1.5	0.5	---	1.1	-0.1
12/10/2020 11:36 AM	1.6	0.5	---	1.1	-0.1
12/10/2020 11:42 AM	1.7	2.7	---	0.9	-0.1
12/10/2020 11:48 AM	1.2	4.6	---	0.7	-0.1
12/10/2020 11:54 AM	0.5	2.3	---	0.6	-0.1
12/10/2020 12:00 PM	0.2	1.4	---	0.5	-0.1
12/10/2020 12:06 PM	-0.1	1.1	---	0.4	-0.2
12/10/2020 12:12 PM	0.0	1.1	---	0.4	-0.2
12/10/2020 12:18 PM	0.0	1.1	---	0.4	-0.2
12/10/2020 12:24 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 12:30 PM	0.8	1.2	---	0.4	-0.2
12/10/2020 12:36 PM	1.3	1.2	---	0.4	-0.2
12/10/2020 12:42 PM	0.5	1.1	---	0.5	-0.2
12/10/2020 12:48 PM	0.1	1.1	---	0.5	-0.2
12/10/2020 12:54 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:00 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:06 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:12 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:18 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:24 PM	0.0	1.1	---	0.5	-0.2
12/10/2020 1:30 PM	0.0	1.1	---	0.4	-0.2
12/10/2020 1:36 PM	0.0	1.0	---	0.4	-0.2
12/10/2020 1:42 PM	0.0	1.0	---	0.4	-0.2
12/10/2020 1:48 PM	0.0	1.0	---	0.4	-0.2
12/10/2020 1:54 PM	0.0	0.9	---	0.4	-0.2
12/10/2020 2:00 PM	0.0	0.9	---	0.4	-0.2
12/10/2020 2:06 PM	0.0	0.9	---	0.4	-0.2
12/10/2020 2:12 PM	0.1	0.8	---	0.4	-0.2
12/10/2020 2:18 PM	0.1	0.8	---	0.4	-0.2
12/10/2020 2:24 PM	0.1	0.8	---	0.4	-0.2
12/10/2020 2:30 PM	<Samp	<Samp	---	<Samp	<Samp
12/10/2020 2:36 PM	Maintain	Maintain	---	Maintain	Maintain
12/10/2020 2:42 PM	0.2	0.8	---	0.4	-0.2
12/10/2020 2:48 PM	0.2	0.8	---	0.4	-0.2
12/10/2020 2:54 PM	0.2	0.9	---	0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/10/2020 3:00 PM	0.2	0.9	---	0.4	-0.2
12/10/2020 3:06 PM	0.2	0.9	---	0.4	-0.2
12/10/2020 3:12 PM	0.2	1.0	---	0.4	-0.2
12/10/2020 3:18 PM	0.2	1.0	---	0.4	-0.2
12/10/2020 3:24 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 3:30 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 3:36 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 3:42 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 3:48 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 3:54 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 4:00 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 4:06 PM	0.1	1.1	---	0.4	-0.2
12/10/2020 4:12 PM	0.1	1.0	---	0.4	-0.2
12/10/2020 4:18 PM	0.1	0.8	---	0.4	-0.2
12/10/2020 4:24 PM	0.1	0.6	---	0.5	-0.2
12/10/2020 4:30 PM	0.2	0.7	---	0.5	-0.2
12/10/2020 4:36 PM	0.2	0.7	---	0.5	-0.2
12/10/2020 4:42 PM	0.2	0.6	---	0.5	-0.2
12/10/2020 4:48 PM	0.2	0.6	---	0.4	-0.2
12/10/2020 4:54 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 5:00 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 5:06 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 5:12 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:18 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:24 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:30 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:36 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:42 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 5:48 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 5:54 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 6:00 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 6:06 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 6:12 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 6:18 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 6:24 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 6:30 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 6:36 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 6:42 PM	0.2	0.3	---	0.5	-0.2
12/10/2020 6:48 PM	0.2	0.3	---	0.5	-0.2
12/10/2020 6:54 PM	0.2	0.3	---	0.5	-0.2
12/10/2020 7:00 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 7:06 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 7:12 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 7:18 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 7:24 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 7:30 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 7:36 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 7:42 PM	0.2	0.3	---	0.4	-0.2
12/10/2020 7:48 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 7:54 PM	0.2	0.4	---	0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/10/2020 8:00 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:06 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:12 PM	0.2	0.4	---	0.5	-0.2
12/10/2020 8:18 PM	0.2	0.4	---	0.5	-0.2
12/10/2020 8:24 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:30 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:36 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:42 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:48 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 8:54 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 9:00 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 9:06 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 9:12 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 9:18 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 9:24 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 9:30 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 9:36 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 9:42 PM	0.2	0.4	---	0.4	-0.2
12/10/2020 9:48 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 9:54 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:00 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:06 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:12 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:18 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 10:24 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:30 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:36 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:42 PM	0.2	0.5	---	0.4	-0.2
12/10/2020 10:48 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 10:54 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:00 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:06 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:12 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:18 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:24 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:30 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:36 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:42 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:48 PM	0.2	0.5	---	0.5	-0.2
12/10/2020 11:54 PM	0.2	0.5	---	0.5	-0.2
12/11/2020 12:00 AM	0.2	0.5	---	0.5	-0.2
12/11/2020 12:06 AM	0.1	0.5	---	0.5	-0.2
12/11/2020 12:12 AM	0.1	0.5	---	0.5	-0.2
12/11/2020 12:18 AM	0.1	0.5	---	0.5	-0.2
12/11/2020 12:24 AM	0.1	0.5	---	0.5	-0.2
12/11/2020 12:30 AM	0.1	0.5	---	0.4	-0.2
12/11/2020 12:36 AM	0.1	0.5	---	0.4	-0.2
12/11/2020 12:42 AM	0.2	0.5	---	0.4	-0.2
12/11/2020 12:48 AM	0.1	0.5	---	0.4	-0.2
12/11/2020 12:54 AM	0.1	0.5	---	0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/11/2020 1:00 AM	0.1	0.5	---	0.4	-0.2
12/11/2020 1:06 AM	0.1	0.5	---	0.5	-0.2
12/11/2020 1:12 AM	0.1	0.6	---	0.5	-0.2
12/11/2020 1:18 AM	0.2	0.6	---	0.5	-0.2
12/11/2020 1:24 AM	0.2	0.5	---	0.5	-0.2
12/11/2020 1:30 AM	0.2	0.5	---	0.3	-0.2
12/11/2020 1:36 AM	0.2	0.6	---	-0.4	-0.2
12/11/2020 1:42 AM	0.2	0.6	---	-0.8	-0.2
12/11/2020 1:48 AM	0.1	0.5	---	-0.8	-0.2
12/11/2020 1:54 AM	0.1	0.5	---	-0.8	-0.2
12/11/2020 2:00 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 2:06 AM	0.1	0.6	---	-0.8	-0.2
12/11/2020 2:12 AM	0.1	0.5	---	-0.8	-0.2
12/11/2020 2:18 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:24 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:30 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:36 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:42 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:48 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 2:54 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 3:00 AM	0.1	0.5	---	-0.7	-0.2
12/11/2020 3:06 AM	0.1	0.6	---	-0.8	-0.2
12/11/2020 3:12 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:18 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:24 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:30 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:36 AM	0.0	0.6	---	-0.7	-0.2
12/11/2020 3:42 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:48 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 3:54 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:00 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:06 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:12 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:18 AM	0.0	0.6	---	-0.7	-0.2
12/11/2020 4:24 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:30 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:36 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:42 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:48 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 4:54 AM	0.1	0.6	---	-0.8	-0.2
12/11/2020 5:00 AM	0.1	0.6	---	-0.8	-0.2
12/11/2020 5:06 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:12 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:18 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:24 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:30 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:36 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:42 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:48 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 5:54 AM	0.1	0.6	---	-0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/11/2020 6:00 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:06 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:12 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:18 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:24 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:30 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:36 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:42 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:48 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 6:54 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 7:00 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 7:06 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 7:12 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 7:18 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 7:24 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 7:30 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 7:36 AM	0.1	0.6	---	-0.7	-0.2
12/11/2020 7:42 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 7:48 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 7:54 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 8:00 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 8:06 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 8:12 AM	0.1	0.7	---	-0.7	-0.2
12/11/2020 8:18 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 8:24 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 8:30 AM	0.0	0.6	---	-0.8	-0.2
12/11/2020 8:36 AM	0.0	0.6	---	-0.8	-0.2
12/11/2020 8:42 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 8:48 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 8:54 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 9:00 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 9:06 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 9:12 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 9:18 AM	0.0	0.7	---	-0.7	-0.2
12/11/2020 9:24 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 9:30 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 9:36 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 9:42 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 9:48 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 9:54 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:00 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:06 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:12 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:18 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:24 AM	0.0	0.7	---	-0.8	-0.2
12/11/2020 10:30 AM	3.6	0.7	---	-0.8	-0.2
12/11/2020 10:36 AM	4.8	0.7	---	-0.8	-0.2
12/11/2020 10:42 AM	2.8	0.7	---	-0.8	-0.2
12/11/2020 10:48 AM	3.2	0.7	---	-0.8	-0.2
12/11/2020 10:54 AM	2.5	0.7	---	-0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/11/2020 11:00 AM	2.8	0.7	---	-0.8	-0.2
12/11/2020 11:06 AM	2.4	0.7	---	-0.7	-0.2
12/11/2020 11:12 AM	1.4	0.8	---	-0.8	-0.2
12/11/2020 11:18 AM	1.1	0.8	---	-0.8	-0.2
12/11/2020 11:24 AM	1.2	0.8	---	-0.8	-0.2
12/11/2020 11:30 AM	1.2	0.8	---	-0.8	-0.2
12/11/2020 11:36 AM	1.3	0.8	---	-0.7	-0.2
12/11/2020 11:42 AM	1.3	0.8	---	-0.7	-0.2
12/11/2020 11:48 AM	1.4	0.8	---	-0.7	-0.2
12/11/2020 11:54 AM	1.4	0.7	---	-0.7	-0.2
12/11/2020 12:00 PM	1.4	0.8	---	-0.7	-0.2
12/11/2020 12:06 PM	1.4	0.7	---	-0.8	-0.2
12/11/2020 12:12 PM	1.3	0.7	---	-0.8	-0.2
12/11/2020 12:18 PM	1.1	0.7	---	-0.8	-0.2
12/11/2020 12:24 PM	0.8	0.8	---	-0.8	-0.2
12/11/2020 12:30 PM	0.7	0.8	---	-0.8	-0.2
12/11/2020 12:36 PM	0.6	0.8	---	-0.7	-0.2
12/11/2020 12:42 PM	0.8	0.8	---	-0.8	-0.2
12/11/2020 12:48 PM	0.9	0.8	---	-0.8	-0.2
12/11/2020 12:54 PM	1.1	0.8	---	-0.8	-0.2
12/11/2020 1:00 PM	1.2	5.0	---	-0.8	-0.2
12/11/2020 1:06 PM	1.2	11.0	---	-0.7	-0.2
12/11/2020 1:12 PM	1.2	4.6	---	3.3	-0.2
12/11/2020 1:18 PM	1.1	2.2	---	2.2	9.0
12/11/2020 1:24 PM	1.1	1.3	---	-0.7	12.9
12/11/2020 1:30 PM	1.1	1.0	---	-0.8	3.8
12/11/2020 1:36 PM	1.0	0.8	---	-0.8	1.4
12/11/2020 1:42 PM	1.0	0.7	---	-0.8	0.6
12/11/2020 1:48 PM	0.9	0.7	---	-0.8	0.3
12/11/2020 1:54 PM	0.8	0.7	---	2.3	0.1
12/11/2020 2:00 PM	0.3	0.7	---	5.5	0.0
12/11/2020 2:06 PM	-0.2	0.8	---	3.2	0.0
12/11/2020 2:12 PM	-0.2	0.8	---	1.5	-0.1
12/11/2020 2:18 PM	-0.3	0.8	---	1.0	-0.1
12/11/2020 2:24 PM	-0.2	0.8	---	0.9	-0.1
12/11/2020 2:30 PM	-0.2	0.8	---	0.8	-0.1
12/11/2020 2:36 PM	-0.2	0.8	---	0.8	-0.2
12/11/2020 2:42 PM	-0.2	0.8	---	0.8	-0.2
12/11/2020 2:48 PM	-0.1	0.8	---	0.9	-0.2
12/11/2020 2:54 PM	-0.1	0.8	---	1.0	-0.2
12/11/2020 3:00 PM	-0.1	0.8	---	1.1	-0.2
12/11/2020 3:06 PM	0.0	0.8	---	1.1	-0.2
12/11/2020 3:12 PM	0.0	0.8	---	1.1	-0.2
12/11/2020 3:18 PM	0.0	0.8	---	1.1	-0.2
12/11/2020 3:24 PM	0.0	0.8	---	1.1	-0.2
12/11/2020 3:30 PM	0.1	0.8	---	1.0	-0.2
12/11/2020 3:36 PM	0.1	0.8	---	1.0	-0.2
12/11/2020 3:42 PM	0.1	0.8	---	0.9	-0.2
12/11/2020 3:48 PM	0.2	0.8	---	0.8	-0.2
12/11/2020 3:54 PM	0.2	0.9	---	0.7	-0.2

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North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/11/2020 4:00 PM	0.2	0.8	---	0.7	-0.2
12/11/2020 4:06 PM	0.2	0.8	---	0.6	-0.2
12/11/2020 4:12 PM	0.3	0.8	---	0.5	-0.2
12/11/2020 4:18 PM	0.3	0.8	---	0.6	-0.2
12/11/2020 4:24 PM	0.3	0.9	---	0.7	-0.2
12/11/2020 4:30 PM	0.3	0.9	---	0.6	-0.2
12/11/2020 4:36 PM	0.4	0.9	---	0.6	-0.2
12/11/2020 4:42 PM	0.4	0.9	---	0.6	-0.2
12/11/2020 4:48 PM	0.4	0.9	---	0.5	-0.2
12/11/2020 4:54 PM	0.4	0.9	---	0.5	-0.2
12/11/2020 5:00 PM	0.5	0.9	---	0.5	-0.2
12/11/2020 5:06 PM	0.5	0.9	---	0.5	-0.1
12/11/2020 5:12 PM	0.5	0.9	---	0.5	-0.1
12/11/2020 5:18 PM	0.5	0.9	---	0.5	-0.1
12/11/2020 5:24 PM	0.5	0.9	---	0.4	-0.1
12/11/2020 5:30 PM	0.5	0.9	---	0.5	-0.2
12/11/2020 5:36 PM	0.5	0.9	---	0.5	-0.1
12/11/2020 5:42 PM	0.5	0.9	---	0.5	-0.1
12/11/2020 5:48 PM	0.5	0.9	---	0.4	-0.1
12/11/2020 5:54 PM	0.5	0.9	---	0.4	-0.1
12/11/2020 6:00 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:06 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:12 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:18 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:24 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:30 PM	0.5	1.0	---	0.4	-0.1
12/11/2020 6:36 PM	0.5	1.0	---	0.4	-0.2
12/11/2020 6:42 PM	0.5	1.0	---	0.4	-0.2
12/11/2020 6:48 PM	0.5	1.1	---	0.4	-0.2
12/11/2020 6:54 PM	0.5	1.1	---	0.4	-0.2
12/11/2020 7:00 PM	0.5	1.1	---	0.4	-0.2
12/11/2020 7:06 PM	0.5	1.1	---	0.3	-0.2
12/11/2020 7:12 PM	0.5	1.1	---	0.4	-0.2
12/11/2020 7:18 PM	0.5	1.1	---	0.4	-0.2
12/11/2020 7:24 PM	0.5	1.1	---	0.3	-0.2
12/11/2020 7:30 PM	0.5	1.1	---	0.3	-0.2
12/11/2020 7:36 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 7:42 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 7:48 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 7:54 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 8:00 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 8:06 PM	0.5	1.2	---	0.4	-0.2
12/11/2020 8:12 PM	0.5	1.3	---	0.4	-0.2
12/11/2020 8:18 PM	0.5	1.3	---	0.4	-0.2
12/11/2020 8:24 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 8:30 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 8:36 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 8:42 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 8:48 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 8:54 PM	0.4	1.3	---	0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/11/2020 9:00 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:06 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:12 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:18 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:24 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:30 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:36 PM	0.4	1.3	---	0.4	-0.2
12/11/2020 9:42 PM	0.4	1.3	---	0.3	-0.2
12/11/2020 9:48 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 9:54 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:00 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:06 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:12 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:18 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:24 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:30 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:36 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:42 PM	0.4	1.4	---	0.4	-0.2
12/11/2020 10:48 PM	0.4	1.5	---	0.4	-0.2
12/11/2020 10:54 PM	0.4	1.5	---	0.4	-0.2
12/11/2020 11:00 PM	0.4	1.5	---	0.4	-0.2
12/11/2020 11:06 PM	0.4	1.5	---	0.4	-0.2
12/11/2020 11:12 PM	0.4	1.6	---	0.4	-0.2
12/11/2020 11:18 PM	0.4	1.5	---	0.4	-0.2
12/11/2020 11:24 PM	0.4	1.5	---	0.3	-0.2
12/11/2020 11:30 PM	0.3	1.6	---	0.3	-0.2
12/11/2020 11:36 PM	0.3	1.6	---	0.4	-0.2
12/11/2020 11:42 PM	0.3	1.6	---	0.4	-0.2
12/11/2020 11:48 PM	0.3	1.6	---	0.4	-0.2
12/11/2020 11:54 PM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:00 AM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:06 AM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:12 AM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:18 AM	0.4	1.6	---	0.4	-0.2
12/12/2020 12:24 AM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:30 AM	0.4	1.6	---	0.4	-0.2
12/12/2020 12:36 AM	0.4	1.6	---	0.4	-0.2
12/12/2020 12:42 AM	0.3	1.6	---	0.4	-0.2
12/12/2020 12:48 AM	0.4	1.6	---	0.4	-0.2
12/12/2020 12:54 AM	0.4	1.7	---	0.4	-0.2
12/12/2020 1:00 AM	0.4	1.7	---	0.4	-0.2
12/12/2020 1:06 AM	0.4	1.7	---	0.4	-0.2
12/12/2020 1:12 AM	0.4	1.7	---	0.4	-0.2
12/12/2020 1:18 AM	0.4	1.7	---	0.4	-0.2
12/12/2020 1:24 AM	0.3	1.7	---	0.4	-0.2
12/12/2020 1:30 AM	0.3	1.8	---	0.4	-0.2
12/12/2020 1:36 AM	0.4	1.8	---	0.4	-0.2
12/12/2020 1:42 AM	0.4	1.8	---	0.4	-0.2
12/12/2020 1:48 AM	0.4	1.8	---	0.4	-0.2
12/12/2020 1:54 AM	0.4	1.8	---	0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/12/2020 2:00 AM	0.3	1.8	---	0.5	-0.2
12/12/2020 2:06 AM	0.3	1.8	---	0.8	-0.2
12/12/2020 2:12 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 2:18 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 2:24 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 2:30 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 2:36 AM	0.4	1.8	---	0.9	-0.2
12/12/2020 2:42 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 2:48 AM	0.3	1.8	---	1.0	-0.2
12/12/2020 2:54 AM	0.3	1.8	---	1.0	-0.2
12/12/2020 3:00 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 3:06 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 3:12 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 3:18 AM	0.3	1.8	---	0.9	-0.2
12/12/2020 3:24 AM	0.3	1.9	---	0.9	-0.2
12/12/2020 3:30 AM	0.3	1.9	---	0.9	-0.2
12/12/2020 3:36 AM	0.3	1.9	---	0.9	-0.2
12/12/2020 3:42 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 3:48 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 3:54 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 4:00 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 4:06 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 4:12 AM	0.3	2.0	---	0.9	-0.2
12/12/2020 4:18 AM	0.3	2.1	---	0.9	-0.1
12/12/2020 4:24 AM	0.3	2.1	---	0.9	-0.1
12/12/2020 4:30 AM	0.3	2.1	---	0.9	-0.1
12/12/2020 4:36 AM	0.3	2.1	---	0.9	-0.1
12/12/2020 4:42 AM	0.2	2.1	---	0.9	-0.1
12/12/2020 4:48 AM	0.2	2.2	---	0.9	-0.1
12/12/2020 4:54 AM	0.2	2.2	---	0.9	-0.1
12/12/2020 5:00 AM	0.2	2.3	---	0.9	-0.1
12/12/2020 5:06 AM	0.2	2.4	---	0.9	-0.1
12/12/2020 5:12 AM	0.2	2.4	---	0.9	-0.1
12/12/2020 5:18 AM	0.2	2.4	---	0.9	-0.1
12/12/2020 5:24 AM	0.2	2.4	---	0.9	-0.1
12/12/2020 5:30 AM	0.2	2.4	---	0.9	-0.1
12/12/2020 5:36 AM	0.2	2.5	---	0.9	-0.1
12/12/2020 5:42 AM	0.2	2.5	---	0.9	-0.1
12/12/2020 5:48 AM	0.2	2.5	---	0.9	-0.1
12/12/2020 5:54 AM	0.2	2.5	---	0.9	-0.1
12/12/2020 6:00 AM	0.2	2.6	---	0.9	-0.1
12/12/2020 6:06 AM	0.2	2.6	---	0.9	-0.1
12/12/2020 6:12 AM	0.2	2.6	---	0.9	-0.1
12/12/2020 6:18 AM	0.2	2.6	---	0.7	-0.1
12/12/2020 6:24 AM	0.2	2.6	---	0.7	-0.1
12/12/2020 6:30 AM	0.2	2.7	---	0.7	-0.1
12/12/2020 6:36 AM	0.2	2.7	---	0.7	-0.1
12/12/2020 6:42 AM	0.2	2.7	---	0.7	-0.1
12/12/2020 6:48 AM	0.2	2.8	---	0.7	-0.1
12/12/2020 6:54 AM	0.2	2.8	---	0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/12/2020 7:00 AM	0.2	2.8	---	0.8	-0.1
12/12/2020 7:06 AM	0.2	2.9	---	0.8	-0.1
12/12/2020 7:12 AM	0.2	2.9	---	0.8	-0.1
12/12/2020 7:18 AM	0.2	2.9	---	0.8	-0.1
12/12/2020 7:24 AM	0.2	3.0	---	0.8	-0.1
12/12/2020 7:30 AM	0.2	3.0	---	0.8	-0.1
12/12/2020 7:36 AM	0.2	3.1	---	0.8	-0.1
12/12/2020 7:42 AM	4.4	3.1	---	0.9	-0.1
12/12/2020 7:48 AM	2.3	3.2	---	0.9	-0.1
12/12/2020 7:54 AM	2.6	3.2	---	0.9	-0.1
12/12/2020 8:00 AM	3.5	3.2	---	1.0	-0.1
12/12/2020 8:06 AM	2.8	3.3	---	1.0	-0.1
12/12/2020 8:12 AM	0.8	3.3	---	0.9	-0.1
12/12/2020 8:18 AM	0.4	3.4	---	0.8	-0.1
12/12/2020 8:24 AM	0.3	3.4	---	0.8	-0.1
12/12/2020 8:30 AM	0.3	3.4	---	0.8	-0.1
12/12/2020 8:36 AM	0.3	3.4	---	0.8	-0.1
12/12/2020 8:42 AM	0.3	3.4	---	0.8	-0.1
12/12/2020 8:48 AM	0.3	3.4	---	0.8	-0.1
12/12/2020 8:54 AM	0.3	3.4	---	0.7	-0.1
12/12/2020 9:00 AM	0.3	3.4	---	0.7	-0.1
12/12/2020 9:06 AM	0.3	3.4	---	0.7	-0.1
12/12/2020 9:12 AM	0.3	3.4	---	0.9	-0.1
12/12/2020 9:18 AM	0.3	3.4	---	1.1	-0.1
12/12/2020 9:24 AM	0.3	3.4	---	1.0	-0.1
12/12/2020 9:30 AM	0.3	3.3	---	0.9	-0.1
12/12/2020 9:36 AM	0.3	3.1	---	0.9	-0.1
12/12/2020 9:42 AM	0.3	3.1	---	0.9	0.0
12/12/2020 9:48 AM	0.3	3.0	---	1.0	0.0
12/12/2020 9:54 AM	0.3	3.0	---	1.0	0.0
12/12/2020 10:00 AM	0.3	3.0	---	0.9	-0.1
12/12/2020 10:06 AM	0.3	3.0	---	0.9	-0.1
12/12/2020 10:12 AM	2.6	3.0	---	0.9	-0.1
12/12/2020 10:18 AM	4.0	3.0	---	0.9	-0.1
12/12/2020 10:24 AM	2.4	3.0	---	1.1	-0.1
12/12/2020 10:30 AM	3.3	3.1	---	1.3	-0.1
12/12/2020 10:36 AM	3.1	3.1	---	1.2	7.0
12/12/2020 10:42 AM	1.9	3.2	---	0.7	19.6
12/12/2020 10:48 AM	3.0	3.2	---	0.4	16.8
12/12/2020 10:54 AM	2.8	3.2	---	0.5	9.3
12/12/2020 11:00 AM	1.8	3.3	---	0.5	6.2
12/12/2020 11:06 AM	1.7	3.4	---	0.6	5.9
12/12/2020 11:12 AM	1.3	3.4	---	0.6	6.1
12/12/2020 11:18 AM	0.9	3.5	---	0.6	5.8
12/12/2020 11:24 AM	0.6	3.5	---	0.7	5.0
12/12/2020 11:30 AM	0.4	3.6	---	0.7	4.2
12/12/2020 11:36 AM	0.3	3.6	---	0.7	3.8
12/12/2020 11:42 AM	0.3	3.6	---	0.8	3.5
12/12/2020 11:48 AM	0.3	3.6	---	0.8	3.3
12/12/2020 11:54 AM	0.2	3.6	---	0.8	3.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/12/2020 12:00 PM	0.1	3.6	---	0.8	2.8
12/12/2020 12:06 PM	-0.2	3.5	---	0.7	2.5
12/12/2020 12:12 PM	-0.2	3.5	---	0.7	2.5
12/12/2020 12:18 PM	-0.2	3.5	---	0.7	2.4
12/12/2020 12:24 PM	-0.2	3.5	---	0.7	2.4
12/12/2020 12:30 PM	-0.2	3.5	---	0.7	2.3
12/12/2020 12:36 PM	-0.1	3.5	---	0.7	2.2
12/12/2020 12:42 PM	2.9	3.5	---	0.7	2.2
12/12/2020 12:48 PM	4.4	3.5	---	0.6	2.1
12/12/2020 12:54 PM	2.7	3.5	---	0.4	2.0
12/12/2020 1:00 PM	2.2	3.5	---	0.3	2.0
12/12/2020 1:06 PM	1.2	3.5	---	0.4	2.1
12/12/2020 1:12 PM	0.5	3.4	---	0.4	2.1
12/12/2020 1:18 PM	0.2	3.4	---	0.4	2.1
12/12/2020 1:24 PM	2.9	3.4	---	0.4	2.1
12/12/2020 1:30 PM	4.2	3.4	---	0.3	2.1
12/12/2020 1:36 PM	1.3	3.4	---	0.3	2.1
12/12/2020 1:42 PM	0.2	3.5	---	0.3	2.1
12/12/2020 1:48 PM	0.0	3.5	---	0.3	2.1
12/12/2020 1:54 PM	0.0	3.5	---	0.3	2.2
12/12/2020 2:00 PM	0.0	3.5	---	0.3	2.2
12/12/2020 2:06 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:12 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:18 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:24 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:30 PM	0.0	3.6	---	0.3	2.3
12/12/2020 2:36 PM	0.0	3.6	---	0.3	2.3
12/12/2020 2:42 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:48 PM	0.0	3.6	---	0.3	2.2
12/12/2020 2:54 PM	0.0	3.6	---	0.3	2.2
12/12/2020 3:00 PM	0.0	3.6	---	0.3	2.2
12/12/2020 3:06 PM	0.0	3.6	---	0.3	2.2
12/12/2020 3:12 PM	0.1	3.6	---	0.3	2.2
12/12/2020 3:18 PM	0.1	3.6	---	0.3	2.3
12/12/2020 3:24 PM	2.5	3.6	---	0.3	2.3
12/12/2020 3:30 PM	5.9	3.5	---	0.3	2.3
12/12/2020 3:36 PM	4.9	3.5	---	0.3	2.2
12/12/2020 3:42 PM	4.9	3.5	---	0.3	0.9
12/12/2020 3:48 PM	4.7	3.5	---	0.3	0.0
12/12/2020 3:54 PM	2.7	3.5	---	0.2	-0.1
12/12/2020 4:00 PM	1.1	3.5	---	0.2	-0.1
12/12/2020 4:06 PM	0.9	3.5	---	0.2	-0.1
12/12/2020 4:12 PM	1.1	3.5	---	0.2	-0.1
12/12/2020 4:18 PM	1.2	3.5	---	0.2	-0.1
12/12/2020 4:24 PM	1.3	3.5	---	0.2	0.0
12/12/2020 4:30 PM	1.4	3.4	---	0.2	-0.1
12/12/2020 4:36 PM	1.3	3.3	---	0.2	-0.1
12/12/2020 4:42 PM	1.3	3.1	---	0.2	-0.1
12/12/2020 4:48 PM	1.2	3.0	---	0.3	-0.1
12/12/2020 4:54 PM	1.1	2.9	---	0.3	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/12/2020 5:00 PM	1.1	2.9	---	0.3	-0.1
12/12/2020 5:06 PM	0.9	2.8	---	0.3	0.0
12/12/2020 5:12 PM	0.5	2.8	---	0.3	-0.1
12/12/2020 5:18 PM	0.5	2.8	---	0.3	-0.1
12/12/2020 5:24 PM	0.6	2.7	---	0.3	0.0
12/12/2020 5:30 PM	0.7	2.7	---	0.3	-0.1
12/12/2020 5:36 PM	0.7	2.7	---	0.3	-0.1
12/12/2020 5:42 PM	0.7	2.7	---	0.3	0.0
12/12/2020 5:48 PM	0.7	2.8	---	0.3	0.0
12/12/2020 5:54 PM	0.7	2.8	---	0.3	-0.1
12/12/2020 6:00 PM	0.5	2.8	---	0.3	2.0
12/12/2020 6:06 PM	-0.2	2.9	---	0.3	5.2
12/12/2020 6:12 PM	-0.6	2.9	---	0.3	4.6
12/12/2020 6:18 PM	-0.7	2.9	---	0.3	3.3
12/12/2020 6:24 PM	-0.7	2.9	---	0.3	2.9
12/12/2020 6:30 PM	-0.6	2.9	---	0.3	2.7
12/12/2020 6:36 PM	-0.6	2.9	---	0.3	2.7
12/12/2020 6:42 PM	-0.6	3.0	---	0.3	2.5
12/12/2020 6:48 PM	-0.5	3.0	---	0.3	2.4
12/12/2020 6:54 PM	-0.5	3.0	---	0.3	2.5
12/12/2020 7:00 PM	-0.5	3.0	---	0.3	2.4
12/12/2020 7:06 PM	-0.5	3.0	---	0.3	2.4
12/12/2020 7:12 PM	-0.5	3.0	---	0.3	2.4
12/12/2020 7:18 PM	-0.4	3.0	---	0.3	2.3
12/12/2020 7:24 PM	-0.4	3.0	---	0.3	2.3
12/12/2020 7:30 PM	-0.4	3.0	---	0.3	2.3
12/12/2020 7:36 PM	-0.3	3.0	---	0.3	2.3
12/12/2020 7:42 PM	-0.3	3.0	---	0.3	2.4
12/12/2020 7:48 PM	-0.3	3.0	---	0.2	2.3
12/12/2020 7:54 PM	-0.3	2.9	---	0.3	2.3
12/12/2020 8:00 PM	-0.3	2.9	---	0.2	2.3
12/12/2020 8:06 PM	-0.2	2.9	---	0.3	2.2
12/12/2020 8:12 PM	-0.2	3.0	---	0.3	2.2
12/12/2020 8:18 PM	-0.2	3.0	---	0.3	2.2
12/12/2020 8:24 PM	-0.2	3.0	---	0.2	2.2
12/12/2020 8:30 PM	-0.2	3.1	---	0.2	2.1
12/12/2020 8:36 PM	-0.1	3.0	---	0.2	2.1
12/12/2020 8:42 PM	-0.1	3.0	---	0.2	2.2
12/12/2020 8:48 PM	-0.1	3.0	---	0.2	2.2
12/12/2020 8:54 PM	-0.1	3.0	---	0.2	2.2
12/12/2020 9:00 PM	0.0	2.9	---	0.2	2.2
12/12/2020 9:06 PM	0.0	2.9	---	0.2	2.2
12/12/2020 9:12 PM	0.0	2.8	---	0.3	2.2
12/12/2020 9:18 PM	0.0	2.8	---	0.2	2.2
12/12/2020 9:24 PM	0.0	2.8	---	0.2	2.2
12/12/2020 9:30 PM	0.0	2.8	---	0.2	2.3
12/12/2020 9:36 PM	0.1	2.8	---	0.3	2.3
12/12/2020 9:42 PM	0.1	2.8	---	0.3	2.3
12/12/2020 9:48 PM	0.1	2.8	---	0.2	2.3
12/12/2020 9:54 PM	0.1	2.8	---	0.2	2.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/12/2020 10:00 PM	0.1	2.8	---	0.3	2.2
12/12/2020 10:06 PM	0.1	2.8	---	0.3	2.2
12/12/2020 10:12 PM	0.1	2.8	---	0.3	2.2
12/12/2020 10:18 PM	0.1	2.7	---	0.3	2.2
12/12/2020 10:24 PM	0.1	2.7	---	0.3	2.2
12/12/2020 10:30 PM	0.1	2.7	---	0.3	2.2
12/12/2020 10:36 PM	0.1	2.7	---	0.3	2.2
12/12/2020 10:42 PM	0.1	2.7	---	0.2	2.1
12/12/2020 10:48 PM	0.1	2.8	---	0.2	2.1
12/12/2020 10:54 PM	0.1	2.8	---	0.2	2.1
12/12/2020 11:00 PM	0.1	2.8	---	0.2	2.1
12/12/2020 11:06 PM	0.1	2.8	---	0.3	2.1
12/12/2020 11:12 PM	0.1	2.8	---	0.2	2.1
12/12/2020 11:18 PM	0.1	2.8	---	0.3	2.1
12/12/2020 11:24 PM	0.1	2.8	---	0.3	2.1
12/12/2020 11:30 PM	0.1	2.8	---	0.3	2.1
12/12/2020 11:36 PM	0.1	2.9	---	0.2	2.1
12/12/2020 11:42 PM	0.1	2.9	---	0.2	2.1
12/12/2020 11:48 PM	0.1	2.9	---	0.3	2.1
12/12/2020 11:54 PM	0.1	3.0	---	0.3	2.1
12/13/2020 12:00 AM	0.1	3.0	---	0.3	2.1
12/13/2020 12:06 AM	0.1	3.0	---	0.5	2.0
12/13/2020 12:12 AM	0.1	3.0	---	0.9	0.6
12/13/2020 12:18 AM	0.1	3.0	---	0.9	-0.1
12/13/2020 12:24 AM	0.1	3.0	---	0.8	-0.2
12/13/2020 12:30 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 12:36 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 12:42 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 12:48 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 12:54 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 1:00 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 1:06 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 1:12 AM	0.1	3.0	---	0.7	-0.1
12/13/2020 1:18 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 1:24 AM	0.1	3.0	---	0.8	-0.1
12/13/2020 1:30 AM	0.1	3.0	---	0.7	-0.1
12/13/2020 1:36 AM	0.1	3.0	---	0.7	-0.1
12/13/2020 1:42 AM	0.1	2.9	---	0.8	-0.1
12/13/2020 1:48 AM	0.1	2.9	---	0.7	-0.1
12/13/2020 1:54 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:00 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:06 AM	0.1	2.8	---	0.7	-0.2
12/13/2020 2:12 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:18 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:24 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:30 AM	0.1	2.8	---	0.7	-0.2
12/13/2020 2:36 AM	0.1	2.8	---	0.7	-0.2
12/13/2020 2:42 AM	0.1	2.8	---	0.7	-0.1
12/13/2020 2:48 AM	0.1	2.7	---	0.8	-0.1
12/13/2020 2:54 AM	0.1	2.6	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/13/2020 3:00 AM	0.1	2.6	---	0.7	-0.1
12/13/2020 3:06 AM	0.1	2.6	---	0.7	-0.1
12/13/2020 3:12 AM	0.1	2.6	---	0.7	-0.1
12/13/2020 3:18 AM	0.1	2.5	---	0.7	-0.2
12/13/2020 3:24 AM	0.1	2.5	---	0.7	-0.1
12/13/2020 3:30 AM	0.1	2.4	---	0.7	-0.1
12/13/2020 3:36 AM	0.1	2.4	---	0.7	-0.1
12/13/2020 3:42 AM	0.1	2.4	---	0.7	-0.1
12/13/2020 3:48 AM	0.1	2.4	---	0.7	-0.1
12/13/2020 3:54 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:00 AM	0.1	2.3	---	0.7	-0.2
12/13/2020 4:06 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:12 AM	0.1	2.3	---	0.7	-0.2
12/13/2020 4:18 AM	0.1	2.3	---	0.6	-0.2
12/13/2020 4:24 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:30 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:36 AM	0.1	2.3	---	0.6	-0.1
12/13/2020 4:42 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:48 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 4:54 AM	0.1	2.3	---	0.6	-0.1
12/13/2020 5:00 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:06 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:12 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:18 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:24 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:30 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:36 AM	0.1	2.3	---	0.7	-0.1
12/13/2020 5:42 AM	0.1	2.3	---	0.7	-0.2
12/13/2020 5:48 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 5:54 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 6:00 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 6:06 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 6:12 AM	0.1	2.2	---	0.8	-0.1
12/13/2020 6:18 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 6:24 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 6:30 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 6:36 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 6:42 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 6:48 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 6:54 AM	0.1	2.1	---	0.8	-0.1
12/13/2020 7:00 AM	0.1	2.1	---	0.8	-0.1
12/13/2020 7:06 AM	0.1	2.1	---	0.8	-0.1
12/13/2020 7:12 AM	0.1	2.1	---	0.8	-0.1
12/13/2020 7:18 AM	0.1	2.1	---	0.8	-0.1
12/13/2020 7:24 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 7:30 AM	0.1	2.1	---	0.7	-0.1
12/13/2020 7:36 AM	0.1	2.2	---	0.7	-0.1
12/13/2020 7:42 AM	0.1	2.2	---	0.8	-0.1
12/13/2020 7:48 AM	0.1	2.3	---	0.8	-0.2
12/13/2020 7:54 AM	0.1	2.3	---	0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/13/2020 8:00 AM	0.1	2.2	---	0.6	-0.1
12/13/2020 8:06 AM	0.1	2.2	---	0.6	-0.1
12/13/2020 8:12 AM	0.0	2.2	---	0.6	-0.1
12/13/2020 8:18 AM	0.1	2.3	---	0.6	-0.1
12/13/2020 8:24 AM	0.1	2.4	---	0.5	-0.1
12/13/2020 8:30 AM	0.1	2.5	---	0.5	-0.1
12/13/2020 8:36 AM	0.1	2.5	---	0.5	-0.1
12/13/2020 8:42 AM	0.1	2.6	---	0.6	-0.1
12/13/2020 8:48 AM	0.0	2.6	---	0.9	-0.1
12/13/2020 8:54 AM	0.0	2.6	---	0.9	-0.1
12/13/2020 9:00 AM	0.0	2.7	---	0.8	-0.1
12/13/2020 9:06 AM	0.0	2.7	---	0.8	-0.1
12/13/2020 9:12 AM	0.0	2.7	---	0.8	-0.1
12/13/2020 9:18 AM	0.0	2.7	---	0.8	-0.1
12/13/2020 9:24 AM	0.0	2.7	---	0.8	-0.1
12/13/2020 9:30 AM	0.0	2.8	---	0.8	-0.1
12/13/2020 9:36 AM	0.0	2.8	---	0.8	-0.1
12/13/2020 9:42 AM	0.0	2.8	---	0.7	-0.1
12/13/2020 9:48 AM	0.0	2.8	---	0.7	-0.1
12/13/2020 9:54 AM	0.0	2.8	---	0.8	-0.2
12/13/2020 10:00 AM	0.0	2.8	---	1.1	-0.2
12/13/2020 10:06 AM	0.0	2.8	---	1.3	-0.2
12/13/2020 10:12 AM	0.0	2.8	---	1.2	-0.2
12/13/2020 10:18 AM	0.0	2.8	---	1.2	-0.1
12/13/2020 10:24 AM	0.0	2.9	---	1.2	-0.1
12/13/2020 10:30 AM	-0.1	3.0	---	1.2	-0.2
12/13/2020 10:36 AM	-0.1	3.0	---	1.2	-0.1
12/13/2020 10:42 AM	-0.2	3.0	---	1.2	-0.1
12/13/2020 10:48 AM	-0.2	2.9	---	1.2	-0.2
12/13/2020 10:54 AM	-0.2	2.6	---	1.2	-0.2
12/13/2020 11:00 AM	-0.2	2.3	---	1.2	-0.2
12/13/2020 11:06 AM	-0.1	2.0	---	1.2	-0.1
12/13/2020 11:12 AM	-0.1	1.9	---	1.2	-0.1
12/13/2020 11:18 AM	-0.1	2.0	---	1.2	-0.1
12/13/2020 11:24 AM	-0.1	2.1	---	1.2	-0.1
12/13/2020 11:30 AM	-0.1	2.3	---	1.2	-0.1
12/13/2020 11:36 AM	-0.1	2.4	---	1.1	-0.2
12/13/2020 11:42 AM	-0.1	2.5	---	1.2	-0.2
12/13/2020 11:48 AM	-0.1	2.6	---	1.2	-0.1
12/13/2020 11:54 AM	-0.1	2.7	---	1.2	-0.1
12/13/2020 12:00 PM	0.0	2.8	---	1.2	-0.1
12/13/2020 12:06 PM	0.1	2.7	---	1.2	-0.2
12/13/2020 12:12 PM	0.2	2.7	---	1.2	-0.2
12/13/2020 12:18 PM	0.2	2.5	---	1.2	-0.2
12/13/2020 12:24 PM	0.2	2.4	---	1.3	-0.2
12/13/2020 12:30 PM	0.2	2.3	---	1.3	-0.2
12/13/2020 12:36 PM	0.2	2.2	---	1.2	-0.2
12/13/2020 12:42 PM	0.3	2.2	---	1.2	-0.2
12/13/2020 12:48 PM	0.3	2.2	---	1.2	-0.2
12/13/2020 12:54 PM	0.3	2.2	---	1.2	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/13/2020 1:00 PM	0.3	2.2	---	1.2	-0.2
12/13/2020 1:06 PM	0.3	2.1	---	1.2	-0.2
12/13/2020 1:12 PM	0.3	2.1	---	1.1	-0.2
12/13/2020 1:18 PM	0.3	2.2	---	0.8	9.1
12/13/2020 1:24 PM	0.3	2.2	---	0.2	14.2
12/13/2020 1:30 PM	0.3	2.3	---	0.2	6.9
12/13/2020 1:36 PM	0.3	2.4	---	0.2	5.6
12/13/2020 1:42 PM	0.3	2.4	---	0.2	5.7
12/13/2020 1:48 PM	0.3	2.5	---	0.2	5.9
12/13/2020 1:54 PM	0.3	2.5	---	0.2	5.5
12/13/2020 2:00 PM	0.3	2.4	---	0.2	4.6
12/13/2020 2:06 PM	0.3	2.3	---	0.3	3.9
12/13/2020 2:12 PM	0.3	2.2	---	0.3	3.2
12/13/2020 2:18 PM	0.3	2.1	---	0.3	2.6
12/13/2020 2:24 PM	0.3	1.9	---	0.3	2.4
12/13/2020 2:30 PM	0.3	1.8	---	0.3	2.3
12/13/2020 2:36 PM	0.3	1.9	---	0.3	2.3
12/13/2020 2:42 PM	0.3	2.3	---	0.3	2.4
12/13/2020 2:48 PM	0.3	2.5	---	0.4	2.4
12/13/2020 2:54 PM	0.3	2.6	---	0.4	2.3
12/13/2020 3:00 PM	0.3	2.6	---	0.4	2.2
12/13/2020 3:06 PM	0.3	2.7	---	0.5	2.3
12/13/2020 3:12 PM	0.3	2.8	---	0.4	2.3
12/13/2020 3:18 PM	0.4	2.8	---	0.4	2.3
12/13/2020 3:24 PM	0.4	2.9	---	0.5	2.3
12/13/2020 3:30 PM	0.4	2.9	---	0.4	2.2
12/13/2020 3:36 PM	0.3	2.9	---	0.5	2.2
12/13/2020 3:42 PM	0.3	2.9	---	0.5	2.2
12/13/2020 3:48 PM	0.3	2.9	---	0.5	2.1
12/13/2020 3:54 PM	0.3	3.0	---	0.5	2.1
12/13/2020 4:00 PM	0.4	3.0	---	0.5	2.1
12/13/2020 4:06 PM	0.4	3.0	---	0.5	2.1
12/13/2020 4:12 PM	0.4	2.9	---	0.5	2.1
12/13/2020 4:18 PM	0.4	2.9	---	0.6	2.1
12/13/2020 4:24 PM	0.4	2.9	---	0.6	2.0
12/13/2020 4:30 PM	0.4	2.9	---	0.5	2.0
12/13/2020 4:36 PM	0.4	2.9	---	0.5	2.1
12/13/2020 4:42 PM	0.4	2.8	---	0.5	2.1
12/13/2020 4:48 PM	0.4	2.8	---	0.6	2.1
12/13/2020 4:54 PM	0.4	2.9	---	0.5	2.0
12/13/2020 5:00 PM	0.4	2.9	---	0.5	2.0
12/13/2020 5:06 PM	0.4	2.9	---	0.5	2.0
12/13/2020 5:12 PM	0.4	2.9	---	0.5	1.9
12/13/2020 5:18 PM	0.4	3.0	---	0.4	1.9
12/13/2020 5:24 PM	0.3	3.0	---	0.2	1.9
12/13/2020 5:30 PM	0.3	3.1	---	0.1	1.9
12/13/2020 5:36 PM	0.3	3.1	---	0.2	2.0
12/13/2020 5:42 PM	0.3	3.1	---	0.2	1.9
12/13/2020 5:48 PM	0.3	3.1	---	0.2	2.0
12/13/2020 5:54 PM	0.3	3.1	---	0.2	2.0

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Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/13/2020 6:00 PM	0.3	3.1	---	0.2	2.1
12/13/2020 6:06 PM	0.3	3.1	---	0.2	2.1
12/13/2020 6:12 PM	0.3	3.1	---	0.3	2.2
12/13/2020 6:18 PM	0.3	3.1	---	0.3	2.2
12/13/2020 6:24 PM	0.3	3.1	---	0.3	2.1
12/13/2020 6:30 PM	0.3	3.1	---	0.3	2.1
12/13/2020 6:36 PM	0.3	3.1	---	0.3	2.1
12/13/2020 6:42 PM	0.3	3.1	---	0.3	2.1
12/13/2020 6:48 PM	0.2	3.1	---	0.3	2.1
12/13/2020 6:54 PM	0.2	3.1	---	0.3	2.2
12/13/2020 7:00 PM	0.2	3.1	---	0.3	2.2
12/13/2020 7:06 PM	0.2	3.1	---	0.3	2.1
12/13/2020 7:12 PM	0.2	3.1	---	0.3	2.2
12/13/2020 7:18 PM	0.2	3.1	---	0.3	2.2
12/13/2020 7:24 PM	0.2	3.1	---	0.3	2.1
12/13/2020 7:30 PM	0.2	3.1	---	0.3	2.1
12/13/2020 7:36 PM	0.2	3.1	---	0.3	2.0
12/13/2020 7:42 PM	0.2	3.1	---	0.3	2.0
12/13/2020 7:48 PM	0.2	3.1	---	0.3	2.1
12/13/2020 7:54 PM	0.2	3.1	---	0.3	2.0
12/13/2020 8:00 PM	0.2	3.0	---	0.3	2.0
12/13/2020 8:06 PM	0.2	3.0	---	0.3	1.9
12/13/2020 8:12 PM	0.2	3.0	---	0.3	1.9
12/13/2020 8:18 PM	0.2	3.0	---	0.3	1.9
12/13/2020 8:24 PM	0.2	3.0	---	0.3	1.9
12/13/2020 8:30 PM	0.2	3.0	---	0.4	2.0
12/13/2020 8:36 PM	0.2	3.0	---	0.4	1.9
12/13/2020 8:42 PM	0.2	3.0	---	0.4	1.9
12/13/2020 8:48 PM	0.2	3.0	---	0.3	1.9
12/13/2020 8:54 PM	0.1	3.0	---	0.3	1.9
12/13/2020 9:00 PM	0.1	2.9	---	0.3	1.9
12/13/2020 9:06 PM	0.1	2.9	---	0.3	2.0
12/13/2020 9:12 PM	0.1	2.9	---	0.3	2.0
12/13/2020 9:18 PM	0.1	2.8	---	0.3	1.9
12/13/2020 9:24 PM	0.1	2.8	---	0.3	1.9
12/13/2020 9:30 PM	0.1	2.8	---	0.3	1.9
12/13/2020 9:36 PM	0.1	2.8	---	0.4	1.9
12/13/2020 9:42 PM	0.1	2.8	---	0.3	2.0
12/13/2020 9:48 PM	0.1	2.8	---	0.3	2.0
12/13/2020 9:54 PM	0.1	2.8	---	0.3	2.0
12/13/2020 10:00 PM	0.1	2.8	---	0.3	2.0
12/13/2020 10:06 PM	0.1	2.8	---	0.3	2.0
12/13/2020 10:12 PM	0.1	2.7	---	0.3	2.0
12/13/2020 10:18 PM	0.1	2.7	---	0.3	2.0
12/13/2020 10:24 PM	0.1	2.7	---	0.3	2.0
12/13/2020 10:30 PM	0.1	2.6	---	0.4	2.0
12/13/2020 10:36 PM	0.1	2.6	---	0.4	2.0
12/13/2020 10:42 PM	0.1	2.6	---	0.3	2.0
12/13/2020 10:48 PM	0.1	2.6	---	0.4	2.0
12/13/2020 10:54 PM	0.1	2.7	---	0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/13/2020 11:00 PM	0.1	2.7	---	0.4	2.0
12/13/2020 11:06 PM	0.1	2.6	---	0.3	2.0
12/13/2020 11:12 PM	0.1	2.6	---	0.3	2.0
12/13/2020 11:18 PM	0.1	2.7	---	0.3	1.9
12/13/2020 11:24 PM	0.1	2.7	---	0.3	1.9
12/13/2020 11:30 PM	0.1	2.7	---	0.3	1.9
12/13/2020 11:36 PM	0.1	2.8	---	0.3	1.9
12/13/2020 11:42 PM	0.0	2.8	---	0.3	1.9
12/13/2020 11:48 PM	0.0	2.9	---	0.3	1.8
12/13/2020 11:54 PM	0.0	2.8	---	0.3	1.8
12/14/2020 12:00 AM	0.0	2.8	---	0.3	1.8
12/14/2020 12:06 AM	0.0	2.8	---	0.3	1.8
12/14/2020 12:12 AM	0.0	2.8	---	0.3	1.7
12/14/2020 12:18 AM	0.0	2.7	---	0.7	1.6
12/14/2020 12:24 AM	0.0	2.6	---	1.1	0.5
12/14/2020 12:30 AM	0.0	2.5	---	0.9	-0.2
12/14/2020 12:36 AM	0.0	2.5	---	0.7	-0.3
12/14/2020 12:42 AM	0.0	2.4	---	0.7	-0.3
12/14/2020 12:48 AM	0.0	2.4	---	0.7	-0.3
12/14/2020 12:54 AM	0.0	2.3	---	0.7	-0.3
12/14/2020 1:00 AM	0.0	2.3	---	0.6	-0.3
12/14/2020 1:06 AM	0.0	2.3	---	0.6	-0.3
12/14/2020 1:12 AM	0.0	2.3	---	0.6	-0.3
12/14/2020 1:18 AM	0.0	2.4	---	0.6	-0.3
12/14/2020 1:24 AM	0.0	2.5	---	0.6	-0.3
12/14/2020 1:30 AM	0.0	2.5	---	0.6	-0.3
12/14/2020 1:36 AM	0.0	2.6	---	0.5	-0.2
12/14/2020 1:42 AM	0.0	2.7	---	0.5	-0.3
12/14/2020 1:48 AM	0.0	2.7	---	0.6	-0.3
12/14/2020 1:54 AM	0.0	2.7	---	0.6	-0.3
12/14/2020 2:00 AM	0.0	2.8	---	0.5	-0.3
12/14/2020 2:06 AM	0.0	2.8	---	0.5	-0.3
12/14/2020 2:12 AM	0.0	2.8	---	0.5	-0.3
12/14/2020 2:18 AM	0.0	2.7	---	0.5	-0.3
12/14/2020 2:24 AM	0.0	2.7	---	0.5	-0.3
12/14/2020 2:30 AM	0.0	2.7	---	0.5	-0.3
12/14/2020 2:36 AM	0.0	2.6	---	0.5	-0.3
12/14/2020 2:42 AM	0.0	2.6	---	0.5	-0.3
12/14/2020 2:48 AM	0.0	2.6	---	0.6	-0.3
12/14/2020 2:54 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:00 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:06 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:12 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:18 AM	-0.1	2.5	---	0.6	-0.3
12/14/2020 3:24 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:30 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:36 AM	-0.1	2.5	---	0.5	-0.3
12/14/2020 3:42 AM	-0.1	2.6	---	0.6	-0.3
12/14/2020 3:48 AM	-0.1	2.6	---	0.6	-0.3
12/14/2020 3:54 AM	-0.1	2.6	---	0.6	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/14/2020 4:00 AM	-0.1	2.6	---	0.6	-0.3
12/14/2020 4:06 AM	-0.1	2.6	---	0.7	-0.3
12/14/2020 4:12 AM	-0.1	2.5	---	0.7	-0.3
12/14/2020 4:18 AM	-0.1	2.5	---	0.7	-0.3
12/14/2020 4:24 AM	-0.1	2.5	---	0.7	-0.3
12/14/2020 4:30 AM	-0.1	2.4	---	0.6	-0.3
12/14/2020 4:36 AM	-0.1	2.4	---	0.6	-0.3
12/14/2020 4:42 AM	-0.1	2.4	---	0.6	-0.3
12/14/2020 4:48 AM	-0.1	2.4	---	0.6	-0.3
12/14/2020 4:54 AM	-0.1	2.4	---	0.7	-0.3
12/14/2020 5:00 AM	-0.1	2.4	---	0.6	-0.3
12/14/2020 5:06 AM	-0.1	2.4	---	0.4	-0.3
12/14/2020 5:12 AM	-0.1	2.4	---	0.2	-0.3
12/14/2020 5:18 AM	-0.1	2.4	---	0.2	-0.3
12/14/2020 5:24 AM	-0.1	2.4	---	0.2	-0.3
12/14/2020 5:30 AM	-0.1	2.4	---	0.2	-0.3
12/14/2020 5:36 AM	-0.1	2.4	---	0.2	-0.3
12/14/2020 5:42 AM	-0.1	2.4	---	0.3	-0.3
12/14/2020 5:48 AM	-0.1	2.4	---	0.3	-0.3
12/14/2020 5:54 AM	-0.1	2.4	---	0.3	-0.3
12/14/2020 6:00 AM	-0.1	2.4	---	0.3	-0.3
12/14/2020 6:06 AM	-0.1	2.3	---	0.3	-0.3
12/14/2020 6:12 AM	-0.2	2.0	---	0.4	-0.3
12/14/2020 6:18 AM	-0.2	1.8	---	0.4	-0.3
12/14/2020 6:24 AM	-0.2	1.7	---	0.4	-0.3
12/14/2020 6:30 AM	-0.2	1.7	---	0.4	-0.3
12/14/2020 6:36 AM	-0.2	1.7	---	0.4	-0.3
12/14/2020 6:42 AM	-0.2	1.8	---	0.4	-0.3
12/14/2020 6:48 AM	-0.2	1.9	---	0.4	-0.3
12/14/2020 6:54 AM	-0.2	2.0	---	0.3	-0.3
12/14/2020 7:00 AM	-0.2	2.1	---	0.3	-0.3
12/14/2020 7:06 AM	-0.2	2.2	---	0.4	-0.3
12/14/2020 7:12 AM	-0.2	2.3	---	0.3	-0.3
12/14/2020 7:18 AM	-0.2	2.3	---	0.3	-0.3
12/14/2020 7:24 AM	-0.2	2.4	---	0.3	-0.3
12/14/2020 7:30 AM	-0.2	2.4	---	0.5	-0.3
12/14/2020 7:36 AM	-0.2	2.5	---	0.7	5.0
12/14/2020 7:42 AM	-0.2	2.5	---	0.6	8.9
12/14/2020 7:48 AM	-0.2	2.6	---	0.6	5.8
12/14/2020 7:54 AM	-0.2	2.6	---	0.6	5.5
12/14/2020 8:00 AM	2.6	2.5	---	0.7	5.2
12/14/2020 8:06 AM	4.9	2.4	---	0.5	4.1
12/14/2020 8:12 AM	3.2	2.3	---	0.6	1.7
12/14/2020 8:18 AM	2.4	2.2	---	0.8	-0.2
12/14/2020 8:24 AM	2.3	2.2	---	0.8	-0.3
12/14/2020 8:30 AM	2.7	2.2	---	0.8	-0.2
12/14/2020 8:36 AM	2.1	2.3	---	0.7	-0.2
12/14/2020 8:42 AM	1.0	2.3	---	0.5	-0.2
12/14/2020 8:48 AM	0.9	2.3	---	0.4	-0.2
12/14/2020 8:54 AM	0.9	2.4	---	0.5	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/14/2020 9:00 AM	0.9	2.5	---	0.5	-0.2
12/14/2020 9:06 AM	1.0	2.5	---	0.5	-0.2
12/14/2020 9:12 AM	1.0	2.6	---	0.6	-0.2
12/14/2020 9:18 AM	1.1	2.6	---	0.6	-0.2
12/14/2020 9:24 AM	1.1	2.7	---	0.7	-0.2
12/14/2020 9:30 AM	1.1	2.7	---	0.6	-0.2
12/14/2020 9:36 AM	1.1	2.7	---	0.6	-0.2
12/14/2020 9:42 AM	1.1	2.7	---	0.7	-0.2
12/14/2020 9:48 AM	1.1	2.7	---	0.6	-0.2
12/14/2020 9:54 AM	1.2	2.7	---	0.6	-0.2
12/14/2020 10:00 AM	1.2	2.7	---	0.7	-0.2
12/14/2020 10:06 AM	1.2	2.8	---	0.7	-0.2
12/14/2020 10:12 AM	1.2	2.8	---	0.7	-0.2
12/14/2020 10:18 AM	1.1	2.8	---	0.7	-0.2
12/14/2020 10:24 AM	1.0	2.8	---	0.7	-0.2
12/14/2020 10:30 AM	0.9	2.9	---	0.7	-0.2
12/14/2020 10:36 AM	0.9	2.9	---	0.7	-0.2
12/14/2020 10:42 AM	0.9	3.0	---	0.7	-0.2
12/14/2020 10:48 AM	0.8	3.0	---	0.7	-0.2
12/14/2020 10:54 AM	0.8	3.1	---	0.7	-0.2
12/14/2020 11:00 AM	0.7	3.1	---	0.7	-0.2
12/14/2020 11:06 AM	0.7	3.1	---	0.7	-0.2
12/14/2020 11:12 AM	0.6	3.1	---	0.7	-0.2
12/14/2020 11:18 AM	0.6	3.0	---	0.7	-0.2
12/14/2020 11:24 AM	0.5	3.0	---	0.7	-0.2
12/14/2020 11:30 AM	0.4	2.9	---	0.8	-0.2
12/14/2020 11:36 AM	0.4	2.9	---	0.8	-0.2
12/14/2020 11:42 AM	0.4	2.8	---	0.8	-0.2
12/14/2020 11:48 AM	0.3	2.8	---	0.7	-0.2
12/14/2020 11:54 AM	0.3	2.7	---	0.7	-0.2
12/14/2020 12:00 PM	0.4	2.8	---	0.8	-0.2
12/14/2020 12:06 PM	0.5	2.8	---	0.8	-0.1
12/14/2020 12:12 PM	0.6	2.8	---	0.8	-0.1
12/14/2020 12:18 PM	0.6	2.8	---	0.8	-0.1
12/14/2020 12:24 PM	0.5	2.8	---	0.8	-0.1
12/14/2020 12:30 PM	0.5	2.8	---	0.8	-0.1
12/14/2020 12:36 PM	0.5	2.7	---	0.8	-0.1
12/14/2020 12:42 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 12:48 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 12:54 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:00 PM	0.4	2.7	---	0.9	-0.1
12/14/2020 1:06 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:12 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:18 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:24 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:30 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:36 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:42 PM	0.4	2.7	---	0.9	-0.1
12/14/2020 1:48 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 1:54 PM	0.4	2.7	---	0.8	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/14/2020 2:00 PM	0.5	2.7	---	0.8	-0.1
12/14/2020 2:06 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 2:12 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 2:18 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 2:24 PM	0.5	2.7	---	0.9	-0.1
12/14/2020 2:30 PM	0.4	2.7	---	0.9	-0.1
12/14/2020 2:36 PM	0.4	2.6	---	0.9	-0.1
12/14/2020 2:42 PM	0.4	2.6	---	0.9	-0.1
12/14/2020 2:48 PM	0.4	2.6	---	0.9	-0.1
12/14/2020 2:54 PM	0.4	2.7	---	0.9	-0.1
12/14/2020 3:00 PM	0.4	2.7	---	0.9	-0.1
12/14/2020 3:06 PM	0.5	2.7	---	0.9	-0.1
12/14/2020 3:12 PM	0.4	2.8	---	0.9	-0.1
12/14/2020 3:18 PM	0.4	2.8	---	0.9	-0.1
12/14/2020 3:24 PM	0.4	2.8	---	0.9	-0.1
12/14/2020 3:30 PM	0.4	2.8	---	1.0	-0.1
12/14/2020 3:36 PM	0.5	2.9	---	1.0	-0.1
12/14/2020 3:42 PM	0.5	2.9	---	0.9	-0.1
12/14/2020 3:48 PM	0.4	3.0	---	0.9	-0.1
12/14/2020 3:54 PM	0.4	3.0	---	0.9	-0.1
12/14/2020 4:00 PM	0.4	3.0	---	0.9	-0.1
12/14/2020 4:06 PM	0.4	3.0	---	0.9	-0.1
12/14/2020 4:12 PM	0.4	3.0	---	0.9	-0.1
12/14/2020 4:18 PM	0.5	3.0	---	0.9	-0.1
12/14/2020 4:24 PM	0.5	3.0	---	0.9	-0.1
12/14/2020 4:30 PM	0.4	2.9	---	0.9	-0.1
12/14/2020 4:36 PM	0.4	2.9	---	0.9	-0.1
12/14/2020 4:42 PM	0.4	2.8	---	0.8	-0.1
12/14/2020 4:48 PM	0.4	2.8	---	0.8	-0.1
12/14/2020 4:54 PM	0.4	2.7	---	0.8	-0.1
12/14/2020 5:00 PM	0.5	2.7	---	0.8	-0.1
12/14/2020 5:06 PM	0.5	2.7	---	0.8	-0.1
12/14/2020 5:12 PM	0.5	2.6	---	0.9	-0.1
12/14/2020 5:18 PM	0.5	2.6	---	0.9	-0.1
12/14/2020 5:24 PM	0.4	2.6	---	0.9	-0.1
12/14/2020 5:30 PM	0.4	2.5	---	0.8	11.7
12/14/2020 5:36 PM	0.1	2.5	---	0.6	12.6
12/14/2020 5:42 PM	-0.3	2.4	---	0.5	6.7
12/14/2020 5:48 PM	-0.5	2.4	---	0.5	5.3
12/14/2020 5:54 PM	-0.6	2.4	---	0.6	5.1
12/14/2020 6:00 PM	-0.5	2.4	---	0.6	5.2
12/14/2020 6:06 PM	-0.6	2.4	---	0.6	5.1
12/14/2020 6:12 PM	-0.6	2.4	---	0.6	4.3
12/14/2020 6:18 PM	-0.5	2.4	---	0.5	3.6
12/14/2020 6:24 PM	-0.4	2.4	---	0.4	3.2
12/14/2020 6:30 PM	-0.4	2.4	---	0.4	2.8
12/14/2020 6:36 PM	-0.4	2.4	---	0.5	2.6
12/14/2020 6:42 PM	-0.3	2.3	---	0.5	2.7
12/14/2020 6:48 PM	-0.3	2.3	---	0.5	2.6
12/14/2020 6:54 PM	-0.3	2.3	---	0.5	2.5

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/14/2020 7:00 PM	-0.2	2.4	---	0.5	2.3
12/14/2020 7:06 PM	-0.3	2.4	---	0.5	2.3
12/14/2020 7:12 PM	-0.3	2.4	---	0.5	2.3
12/14/2020 7:18 PM	-0.3	2.4	---	0.5	2.3
12/14/2020 7:24 PM	-0.2	2.4	---	0.5	2.3
12/14/2020 7:30 PM	-0.2	2.5	---	0.5	2.3
12/14/2020 7:36 PM	-0.2	2.5	---	0.5	2.3
12/14/2020 7:42 PM	-0.2	2.5	---	0.5	2.3
12/14/2020 7:48 PM	-0.2	2.5	---	0.5	2.3
12/14/2020 7:54 PM	-0.1	2.6	---	0.5	2.2
12/14/2020 8:00 PM	-0.1	2.6	---	0.5	2.2
12/14/2020 8:06 PM	-0.1	2.6	---	0.5	2.0
12/14/2020 8:12 PM	-0.1	2.6	---	0.5	1.8
12/14/2020 8:18 PM	0.0	2.7	---	0.5	1.8
12/14/2020 8:24 PM	0.0	2.7	---	0.5	1.8
12/14/2020 8:30 PM	-0.1	2.7	---	0.5	1.9
12/14/2020 8:36 PM	0.0	2.7	---	0.5	1.9
12/14/2020 8:42 PM	0.0	2.7	---	0.5	2.0
12/14/2020 8:48 PM	0.0	2.7	---	0.5	2.0
12/14/2020 8:54 PM	0.0	2.7	---	0.5	2.0
12/14/2020 9:00 PM	0.0	2.7	---	0.5	2.0
12/14/2020 9:06 PM	0.0	2.7	---	0.5	2.0
12/14/2020 9:12 PM	0.1	2.6	---	0.5	2.0
12/14/2020 9:18 PM	0.1	2.6	---	0.5	2.0
12/14/2020 9:24 PM	0.1	2.6	---	0.5	2.0
12/14/2020 9:30 PM	0.1	2.6	---	0.6	2.0
12/14/2020 9:36 PM	0.1	2.7	---	0.5	1.9
12/14/2020 9:42 PM	0.1	2.7	---	0.5	2.0
12/14/2020 9:48 PM	0.1	2.8	---	0.5	1.9
12/14/2020 9:54 PM	0.1	2.8	---	0.5	1.9
12/14/2020 10:00 PM	0.1	2.8	---	0.5	2.0
12/14/2020 10:06 PM	0.1	2.6	---	0.5	2.0
12/14/2020 10:12 PM	0.1	2.6	---	0.5	2.0
12/14/2020 10:18 PM	0.1	2.6	---	0.5	2.0
12/14/2020 10:24 PM	0.2	2.4	---	0.5	2.0
12/14/2020 10:30 PM	0.1	2.4	---	0.5	2.0
12/14/2020 10:36 PM	0.1	2.4	---	0.5	2.0
12/14/2020 10:42 PM	0.1	2.4	---	0.5	2.0
12/14/2020 10:48 PM	0.1	2.4	---	0.5	1.9
12/14/2020 10:54 PM	0.1	2.4	---	0.5	2.0
12/14/2020 11:00 PM	0.1	2.3	---	0.6	2.0
12/14/2020 11:06 PM	0.2	2.3	---	0.5	2.0
12/14/2020 11:12 PM	0.2	2.3	---	0.5	2.0
12/14/2020 11:18 PM	0.1	2.3	---	0.5	2.0
12/14/2020 11:24 PM	0.1	2.3	---	0.5	2.0
12/14/2020 11:30 PM	0.1	2.3	---	0.6	2.0
12/14/2020 11:36 PM	0.1	2.3	---	0.5	2.0
12/14/2020 11:42 PM	0.1	2.3	---	0.5	2.0
12/14/2020 11:48 PM	0.1	2.4	---	0.5	2.0
12/14/2020 11:54 PM	0.1	2.3	---	0.5	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/15/2020 12:00 AM	0.1	2.3	---	0.5	2.1
12/15/2020 12:06 AM	0.1	2.3	---	0.5	2.1
12/15/2020 12:12 AM	0.1	2.3	---	0.5	2.1
12/15/2020 12:18 AM	0.1	2.3	---	0.5	2.1
12/15/2020 12:24 AM	0.1	2.2	---	0.6	2.0
12/15/2020 12:30 AM	0.1	2.3	---	0.6	2.0
12/15/2020 12:36 AM	0.1	2.3	---	0.5	2.0
12/15/2020 12:42 AM	0.1	2.3	---	0.5	1.9
12/15/2020 12:48 AM	0.1	2.3	---	0.5	2.0
12/15/2020 12:54 AM	0.1	2.3	---	0.5	2.0
12/15/2020 1:00 AM	0.1	2.3	---	0.5	2.0
12/15/2020 1:06 AM	0.1	2.3	---	0.5	1.9
12/15/2020 1:12 AM	0.1	2.3	---	0.6	2.0
12/15/2020 1:18 AM	0.1	2.3	---	0.9	1.1
12/15/2020 1:24 AM	0.1	2.4	---	1.0	-0.2
12/15/2020 1:30 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 1:36 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 1:42 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 1:48 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 1:54 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 2:00 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 2:06 AM	0.1	2.3	---	0.9	-0.2
12/15/2020 2:12 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 2:18 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 2:24 AM	0.1	2.3	---	0.9	-0.2
12/15/2020 2:30 AM	0.1	2.3	---	0.9	-0.2
12/15/2020 2:36 AM	0.1	2.3	---	1.0	-0.2
12/15/2020 2:42 AM	0.1	2.3	---	0.9	-0.2
12/15/2020 2:48 AM	0.1	2.3	---	0.9	-0.3
12/15/2020 2:54 AM	0.1	2.3	---	0.9	-0.2
12/15/2020 3:00 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:06 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:12 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:18 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:24 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:30 AM	0.1	2.2	---	0.9	-0.2
12/15/2020 3:36 AM	0.0	2.2	---	0.9	-0.2
12/15/2020 3:42 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 3:48 AM	0.1	2.1	---	0.9	-0.2
12/15/2020 3:54 AM	0.1	2.1	---	0.9	-0.2
12/15/2020 4:00 AM	0.1	2.1	---	0.9	-0.2
12/15/2020 4:06 AM	0.0	2.1	---	0.9	-0.3
12/15/2020 4:12 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:18 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:24 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:30 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:36 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:42 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:48 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 4:54 AM	0.0	2.1	---	0.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/15/2020 5:00 AM	0.1	2.1	---	0.9	-0.2
12/15/2020 5:06 AM	0.0	2.1	---	0.9	-0.2
12/15/2020 5:12 AM	0.1	2.1	---	0.9	-0.2
12/15/2020 5:18 AM	0.1	2.1	---	0.9	-0.3
12/15/2020 5:24 AM	0.0	2.1	---	0.8	-0.2
12/15/2020 5:30 AM	0.0	2.1	---	0.7	-0.2
12/15/2020 5:36 AM	0.0	2.1	---	0.7	-0.2
12/15/2020 5:42 AM	0.0	2.1	---	0.8	-0.2
12/15/2020 5:48 AM	0.0	2.1	---	0.8	-0.3
12/15/2020 5:54 AM	0.0	2.1	---	0.7	-0.2
12/15/2020 6:00 AM	0.0	2.1	---	0.7	-0.2
12/15/2020 6:06 AM	0.0	2.1	---	0.8	-0.3
12/15/2020 6:12 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 6:18 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 6:24 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 6:30 AM	0.1	2.1	---	0.8	-0.2
12/15/2020 6:36 AM	0.0	2.1	---	0.8	-0.2
12/15/2020 6:42 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 6:48 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 6:54 AM	0.1	2.1	---	0.8	-0.3
12/15/2020 7:00 AM	0.0	2.2	---	0.9	-0.3
12/15/2020 7:06 AM	0.0	2.2	---	0.9	-0.3
12/15/2020 7:12 AM	0.0	2.2	---	0.9	-0.3
12/15/2020 7:18 AM	0.0	2.3	---	0.9	-0.3
12/15/2020 7:24 AM	0.0	2.3	---	0.9	-0.3
12/15/2020 7:30 AM	0.0	2.4	---	0.9	-0.3
12/15/2020 7:36 AM	0.0	2.4	---	0.9	-0.3
12/15/2020 7:42 AM	0.0	2.4	---	0.9	-0.3
12/15/2020 7:48 AM	0.0	2.5	---	0.9	-0.3
12/15/2020 7:54 AM	0.0	2.4	---	0.9	-0.3
12/15/2020 8:00 AM	0.0	2.3	---	0.7	7.0
12/15/2020 8:06 AM	0.0	2.2	---	0.5	8.4
12/15/2020 8:12 AM	0.0	2.2	---	0.6	6.5
12/15/2020 8:18 AM	0.0	2.2	---	0.6	5.2
12/15/2020 8:24 AM	0.0	2.3	---	0.6	4.1
12/15/2020 8:30 AM	0.0	2.3	---	0.6	3.3
12/15/2020 8:36 AM	0.0	2.4	---	0.6	2.8
12/15/2020 8:42 AM	0.0	2.5	---	0.6	2.6
12/15/2020 8:48 AM	0.0	2.5	---	0.6	2.5
12/15/2020 8:54 AM	0.0	2.6	---	0.6	2.4
12/15/2020 9:00 AM	0.0	2.7	---	0.6	2.3
12/15/2020 9:06 AM	-0.1	2.7	---	0.6	2.2
12/15/2020 9:12 AM	-0.1	2.7	---	0.7	2.2
12/15/2020 9:18 AM	-0.1	2.7	---	0.7	2.1
12/15/2020 9:24 AM	-0.1	2.7	---	0.7	2.1
12/15/2020 9:30 AM	-0.1	2.7	---	0.7	2.0
12/15/2020 9:36 AM	-0.1	2.7	---	0.6	2.0
12/15/2020 9:42 AM	-0.1	2.7	---	0.6	2.0
12/15/2020 9:48 AM	-0.1	2.7	---	0.6	2.1
12/15/2020 9:54 AM	-0.1	2.7	---	0.6	2.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/15/2020 10:00 AM	-0.1	2.8	---	0.7	2.0
12/15/2020 10:06 AM	-0.1	2.8	---	0.7	2.0
12/15/2020 10:12 AM	-0.1	2.8	---	0.6	2.0
12/15/2020 10:18 AM	0.0	2.8	---	0.6	2.0
12/15/2020 10:24 AM	-0.1	2.7	---	0.6	1.9
12/15/2020 10:30 AM	-0.1	2.7	---	0.7	1.9
12/15/2020 10:36 AM	-0.1	2.6	---	0.8	2.0
12/15/2020 10:42 AM	-0.1	2.7	---	0.9	2.0
12/15/2020 10:48 AM	-0.2	2.6	---	0.9	2.0
12/15/2020 10:54 AM	-0.2	2.4	---	0.9	1.9
12/15/2020 11:00 AM	-0.2	1.9	---	0.8	2.0
12/15/2020 11:06 AM	-0.1	1.7	---	0.8	2.0
12/15/2020 11:12 AM	-0.1	1.6	---	0.8	2.0
12/15/2020 11:18 AM	-0.1	1.5	---	0.8	2.0
12/15/2020 11:24 AM	0.0	1.6	---	0.8	2.0
12/15/2020 11:30 AM	0.0	1.6	---	0.8	2.0
12/15/2020 11:36 AM	0.0	1.7	---	0.8	2.0
12/15/2020 11:42 AM	0.0	1.7	---	0.8	2.1
12/15/2020 11:48 AM	0.1	1.7	---	0.8	2.0
12/15/2020 11:54 AM	0.1	1.8	---	0.8	2.0
12/15/2020 12:00 PM	0.1	1.9	---	0.8	2.0
12/15/2020 12:06 PM	0.2	1.9	---	0.9	2.1
12/15/2020 12:12 PM	0.2	1.9	---	0.9	2.1
12/15/2020 12:18 PM	0.2	1.7	---	0.9	2.0
12/15/2020 12:24 PM	0.2	1.6	---	0.9	2.0
12/15/2020 12:30 PM	0.2	1.5	---	0.9	2.0
12/15/2020 12:36 PM	0.2	1.5	---	0.9	2.1
12/15/2020 12:42 PM	0.2	1.4	---	0.9	2.1
12/15/2020 12:48 PM	0.1	1.3	---	0.9	2.1
12/15/2020 12:54 PM	0.1	1.2	---	0.9	2.1
12/15/2020 1:00 PM	0.1	1.1	---	0.9	2.1
12/15/2020 1:06 PM	0.1	1.2	---	0.9	2.2
12/15/2020 1:12 PM	0.1	1.2	---	0.9	2.2
12/15/2020 1:18 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:24 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:30 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:36 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:42 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:48 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 1:54 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 2:00 PM	Maintain	Maintain	---	Maintain	Maintain
12/15/2020 2:06 PM	0.1	2.0	---	0.9	2.0
12/15/2020 2:12 PM	0.1	2.0	---	0.9	2.1
12/15/2020 2:18 PM	0.1	2.0	---	0.9	2.1
12/15/2020 2:24 PM	0.1	2.1	---	0.8	2.0
12/15/2020 2:30 PM	0.1	2.1	---	0.8	2.1
12/15/2020 2:36 PM	0.1	2.0	---	0.8	2.1
12/15/2020 2:42 PM	0.1	2.1	---	0.8	2.1
12/15/2020 2:48 PM	0.1	2.1	---	0.9	2.1
12/15/2020 2:54 PM	0.1	2.2	---	0.9	2.1

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North River Wastewater Resource Recovery Facility
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10/1/2020

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23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/15/2020 3:00 PM	0.1	2.2	---	0.7	2.0
12/15/2020 3:06 PM	0.1	2.3	---	0.6	1.9
12/15/2020 3:12 PM	0.2	2.4	---	0.6	1.9
12/15/2020 3:18 PM	0.2	2.5	---	0.6	1.9
12/15/2020 3:24 PM	0.2	2.5	---	0.6	1.9
12/15/2020 3:30 PM	0.2	2.5	---	0.6	1.9
12/15/2020 3:36 PM	0.2	2.6	---	0.6	1.9
12/15/2020 3:42 PM	0.2	2.7	---	0.6	1.9
12/15/2020 3:48 PM	0.1	2.7	---	0.6	1.9
12/15/2020 3:54 PM	0.2	2.7	---	0.6	1.9
12/15/2020 4:00 PM	0.2	2.7	---	0.7	1.9
12/15/2020 4:06 PM	0.2	2.8	---	0.7	1.9
12/15/2020 4:12 PM	0.2	2.8	---	0.7	1.9
12/15/2020 4:18 PM	0.2	2.8	---	0.7	1.9
12/15/2020 4:24 PM	0.2	2.9	---	0.7	1.9
12/15/2020 4:30 PM	0.2	2.8	---	0.7	1.9
12/15/2020 4:36 PM	0.2	2.8	---	0.7	2.0
12/15/2020 4:42 PM	0.2	2.9	---	0.7	2.0
12/15/2020 4:48 PM	0.2	2.9	---	0.7	1.9
12/15/2020 4:54 PM	0.2	2.8	---	0.7	1.9
12/15/2020 5:00 PM	0.2	2.8	---	0.7	1.9
12/15/2020 5:06 PM	0.2	2.7	---	0.7	1.9
12/15/2020 5:12 PM	0.2	2.7	---	0.8	1.9
12/15/2020 5:18 PM	0.2	2.7	---	0.8	1.9
12/15/2020 5:24 PM	0.2	2.7	---	0.7	1.9
12/15/2020 5:30 PM	0.2	2.7	---	0.7	1.9
12/15/2020 5:36 PM	0.2	2.7	---	0.7	1.9
12/15/2020 5:42 PM	0.1	2.7	---	0.7	1.8
12/15/2020 5:48 PM	0.2	2.7	---	0.7	1.8
12/15/2020 5:54 PM	0.2	2.7	---	0.6	1.8
12/15/2020 6:00 PM	0.1	2.7	---	0.6	1.8
12/15/2020 6:06 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:12 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:18 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:24 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:30 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:36 PM	0.1	2.7	---	0.7	1.8
12/15/2020 6:42 PM	0.1	2.7	---	0.7	1.9
12/15/2020 6:48 PM	0.1	2.7	---	0.7	1.9
12/15/2020 6:54 PM	0.1	2.7	---	0.7	1.8
12/15/2020 7:00 PM	0.1	2.8	---	0.7	1.8
12/15/2020 7:06 PM	0.1	2.8	---	0.7	1.9
12/15/2020 7:12 PM	0.1	2.8	---	0.7	1.9
12/15/2020 7:18 PM	0.1	2.8	---	0.7	1.8
12/15/2020 7:24 PM	0.1	2.8	---	0.7	1.8
12/15/2020 7:30 PM	0.1	2.8	---	0.7	1.8
12/15/2020 7:36 PM	0.1	2.8	---	0.7	1.9
12/15/2020 7:42 PM	0.1	2.8	---	0.7	1.9
12/15/2020 7:48 PM	0.1	2.8	---	0.7	2.0
12/15/2020 7:54 PM	0.1	2.8	---	0.7	2.0

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North River Wastewater Resource Recovery Facility
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Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/15/2020 8:00 PM	0.1	2.8	---	0.7	1.9
12/15/2020 8:06 PM	0.1	2.8	---	0.7	1.9
12/15/2020 8:12 PM	0.1	2.8	---	0.8	2.0
12/15/2020 8:18 PM	0.1	2.8	---	0.8	2.0
12/15/2020 8:24 PM	0.1	2.8	---	0.7	2.0
12/15/2020 8:30 PM	0.1	2.8	---	0.7	2.0
12/15/2020 8:36 PM	0.1	2.7	---	0.7	2.1
12/15/2020 8:42 PM	0.0	2.7	---	0.7	2.1
12/15/2020 8:48 PM	0.1	2.7	---	0.8	2.1
12/15/2020 8:54 PM	0.0	2.7	---	0.8	2.1
12/15/2020 9:00 PM	0.0	2.7	---	0.8	2.0
12/15/2020 9:06 PM	0.1	2.6	---	0.8	1.9
12/15/2020 9:12 PM	0.1	2.6	---	0.8	1.9
12/15/2020 9:18 PM	0.0	2.6	---	0.7	1.9
12/15/2020 9:24 PM	0.0	2.6	---	0.8	1.9
12/15/2020 9:30 PM	0.1	2.6	---	0.8	2.0
12/15/2020 9:36 PM	0.0	2.6	---	0.7	2.0
12/15/2020 9:42 PM	0.0	2.6	---	0.8	2.1
12/15/2020 9:48 PM	0.0	2.6	---	0.8	2.1
12/15/2020 9:54 PM	0.0	2.6	---	0.8	2.1
12/15/2020 10:00 PM	0.0	2.6	---	0.8	2.1
12/15/2020 10:06 PM	0.0	2.5	---	0.8	2.1
12/15/2020 10:12 PM	0.0	2.5	---	0.8	2.1
12/15/2020 10:18 PM	0.0	2.5	---	0.8	2.1
12/15/2020 10:24 PM	0.0	2.5	---	0.8	2.1
12/15/2020 10:30 PM	0.0	2.5	---	0.8	2.1
12/15/2020 10:36 PM	0.0	2.4	---	0.8	2.1
12/15/2020 10:42 PM	0.0	2.4	---	0.8	2.1
12/15/2020 10:48 PM	0.0	2.4	---	0.7	2.0
12/15/2020 10:54 PM	0.0	2.4	---	0.7	2.0
12/15/2020 11:00 PM	0.0	2.4	---	0.7	2.0
12/15/2020 11:06 PM	0.0	2.4	---	0.8	2.0
12/15/2020 11:12 PM	0.0	2.4	---	0.8	2.0
12/15/2020 11:18 PM	0.0	2.4	---	0.7	2.0
12/15/2020 11:24 PM	0.0	2.4	---	0.6	2.0
12/15/2020 11:30 PM	0.0	2.4	---	0.6	2.0
12/15/2020 11:36 PM	0.0	2.4	---	0.6	2.0
12/15/2020 11:42 PM	0.0	2.4	---	0.6	2.0
12/15/2020 11:48 PM	0.0	2.4	---	0.6	2.0
12/15/2020 11:54 PM	0.0	2.4	---	0.6	2.0
12/16/2020 12:00 AM	0.0	2.5	---	0.6	2.0
12/16/2020 12:06 AM	0.0	2.6	---	0.6	2.0
12/16/2020 12:12 AM	0.0	2.7	---	0.6	1.9
12/16/2020 12:18 AM	-0.1	2.8	---	0.6	1.9
12/16/2020 12:24 AM	-0.1	2.8	---	0.6	1.9
12/16/2020 12:30 AM	-0.1	2.9	---	0.7	1.9
12/16/2020 12:36 AM	-0.1	2.9	---	0.7	1.9
12/16/2020 12:42 AM	-0.1	2.9	---	0.7	1.9
12/16/2020 12:48 AM	-0.1	3.0	---	0.7	1.8
12/16/2020 12:54 AM	-0.1	3.0	---	0.7	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/16/2020 1:00 AM	-0.1	3.1	---	0.7	1.8
12/16/2020 1:06 AM	-0.1	3.1	---	0.7	1.8
12/16/2020 1:12 AM	-0.1	3.1	---	0.7	1.7
12/16/2020 1:18 AM	-0.1	3.1	---	0.9	1.7
12/16/2020 1:24 AM	-0.1	3.2	---	1.2	0.8
12/16/2020 1:30 AM	-0.1	3.2	---	1.1	-0.1
12/16/2020 1:36 AM	-0.1	3.2	---	1.1	-0.1
12/16/2020 1:42 AM	-0.2	3.1	---	1.1	-0.1
12/16/2020 1:48 AM	-0.2	3.1	---	1.1	-0.2
12/16/2020 1:54 AM	-0.1	3.1	---	1.1	-0.2
12/16/2020 2:00 AM	-0.2	3.1	---	1.1	-0.2
12/16/2020 2:06 AM	-0.2	3.1	---	1.1	-0.2
12/16/2020 2:12 AM	-0.2	3.1	---	1.1	-0.2
12/16/2020 2:18 AM	-0.2	3.1	---	1.0	-0.2
12/16/2020 2:24 AM	-0.2	3.1	---	1.1	-0.2
12/16/2020 2:30 AM	-0.2	3.1	---	1.1	-0.1
12/16/2020 2:36 AM	-0.2	3.0	---	1.1	-0.2
12/16/2020 2:42 AM	-0.2	3.0	---	1.1	-0.2
12/16/2020 2:48 AM	-0.2	3.0	---	1.1	-0.2
12/16/2020 2:54 AM	-0.2	2.9	---	1.0	-0.2
12/16/2020 3:00 AM	-0.2	2.9	---	1.0	-0.2
12/16/2020 3:06 AM	-0.2	2.9	---	1.1	-0.2
12/16/2020 3:12 AM	-0.2	2.9	---	1.1	-0.2
12/16/2020 3:18 AM	-0.2	2.9	---	1.1	-0.2
12/16/2020 3:24 AM	-0.2	2.9	---	1.1	-0.2
12/16/2020 3:30 AM	-0.2	2.8	---	1.1	-0.2
12/16/2020 3:36 AM	-0.2	2.7	---	1.1	-0.2
12/16/2020 3:42 AM	-0.2	2.7	---	1.1	-0.2
12/16/2020 3:48 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 3:54 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:00 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:06 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:12 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:18 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:24 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:30 AM	-0.3	2.7	---	1.1	-0.2
12/16/2020 4:36 AM	-0.2	2.6	---	1.0	-0.2
12/16/2020 4:42 AM	-0.3	2.6	---	1.1	-0.2
12/16/2020 4:48 AM	-0.3	2.6	---	1.1	-0.3
12/16/2020 4:54 AM	-0.3	2.6	---	1.1	-0.3
12/16/2020 5:00 AM	-0.2	2.6	---	1.1	-0.3
12/16/2020 5:06 AM	-0.2	2.6	---	1.1	-0.3
12/16/2020 5:12 AM	-0.3	2.7	---	1.1	-0.3
12/16/2020 5:18 AM	-0.3	2.7	---	1.1	-0.3
12/16/2020 5:24 AM	-0.3	2.8	---	1.1	-0.2
12/16/2020 5:30 AM	-0.3	2.8	---	1.1	-0.2
12/16/2020 5:36 AM	-0.3	2.9	---	1.0	-0.2
12/16/2020 5:42 AM	-0.3	2.9	---	1.0	-0.3
12/16/2020 5:48 AM	-0.3	3.0	---	1.0	-0.3
12/16/2020 5:54 AM	-0.3	3.1	---	1.0	-0.3

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/16/2020 6:00 AM	-0.3	3.1	---	1.1	-0.3
12/16/2020 6:06 AM	-0.3	3.2	---	1.0	-0.3
12/16/2020 6:12 AM	-0.2	3.2	---	1.1	-0.3
12/16/2020 6:18 AM	-0.3	3.2	---	1.1	-0.3
12/16/2020 6:24 AM	-0.3	3.2	---	1.1	-0.3
12/16/2020 6:30 AM	-0.3	3.2	---	1.1	-0.2
12/16/2020 6:36 AM	-0.3	3.3	---	1.1	-0.3
12/16/2020 6:42 AM	-0.3	3.3	---	1.1	-0.3
12/16/2020 6:48 AM	-0.3	3.3	---	1.1	-0.3
12/16/2020 6:54 AM	-0.3	3.4	---	1.0	-0.3
12/16/2020 7:00 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:06 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:12 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:18 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:24 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:30 AM	-0.3	3.4	---	1.1	-0.3
12/16/2020 7:36 AM	-0.3	3.5	---	1.1	-0.3
12/16/2020 7:42 AM	-0.3	3.5	---	1.1	-0.3
12/16/2020 7:48 AM	-0.3	3.6	---	1.1	-0.3
12/16/2020 7:54 AM	-0.3	3.6	---	1.1	-0.3
12/16/2020 8:00 AM	-0.3	3.6	---	1.1	-0.3
12/16/2020 8:06 AM	-0.3	3.6	---	1.0	-0.2
12/16/2020 8:12 AM	-0.3	3.7	---	0.8	-0.3
12/16/2020 8:18 AM	-0.3	3.7	---	0.8	-0.3
12/16/2020 8:24 AM	-0.3	3.8	---	0.8	-0.3
12/16/2020 8:30 AM	-0.3	3.8	---	0.8	-0.3
12/16/2020 8:36 AM	-0.3	3.8	---	0.8	-0.3
12/16/2020 8:42 AM	-0.3	3.8	---	0.8	-0.3
12/16/2020 8:48 AM	-0.3	3.8	---	0.8	-0.2
12/16/2020 8:54 AM	-0.3	3.8	---	0.8	3.7
12/16/2020 9:00 AM	-0.3	3.8	---	0.7	7.9
12/16/2020 9:06 AM	-0.3	3.8	---	0.6	6.2
12/16/2020 9:12 AM	-0.3	3.8	---	0.7	5.6
12/16/2020 9:18 AM	-0.3	3.8	---	0.8	5.4
12/16/2020 9:24 AM	-0.3	3.8	---	0.9	4.9
12/16/2020 9:30 AM	-0.3	3.8	---	0.9	4.2
12/16/2020 9:36 AM	-0.3	3.9	---	0.9	3.5
12/16/2020 9:42 AM	-0.3	3.9	---	0.9	3.0
12/16/2020 9:48 AM	-0.3	3.9	---	0.9	2.7
12/16/2020 9:54 AM	-0.3	3.9	---	0.9	2.4
12/16/2020 10:00 AM	-0.3	4.0	---	0.9	2.3
12/16/2020 10:06 AM	-0.3	4.0	---	0.9	2.1
12/16/2020 10:12 AM	-0.3	4.0	---	0.9	2.0
12/16/2020 10:18 AM	-0.3	4.0	---	0.9	2.0
12/16/2020 10:24 AM	-0.3	4.1	---	0.9	1.9
12/16/2020 10:30 AM	-0.3	4.1	---	1.0	1.9
12/16/2020 10:36 AM	-0.3	4.1	---	1.0	1.9
12/16/2020 10:42 AM	-0.2	4.1	---	1.0	1.8
12/16/2020 10:48 AM	-0.2	4.1	---	1.0	1.9
12/16/2020 10:54 AM	-0.2	4.1	---	1.0	1.8

Opacity Data Summary Report

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/16/2020 11:00 AM	-0.2	4.1	---	1.0	1.8
12/16/2020 11:06 AM	-0.2	4.1	---	1.0	1.8
12/16/2020 11:12 AM	-0.2	4.2	---	1.0	1.8
12/16/2020 11:18 AM	-0.2	4.2	---	1.0	1.8
12/16/2020 11:24 AM	-0.2	4.3	---	1.0	1.8
12/16/2020 11:30 AM	-0.2	4.3	---	1.0	1.8
12/16/2020 11:36 AM	-0.2	4.3	---	1.0	1.8
12/16/2020 11:42 AM	-0.2	4.2	---	1.0	1.8
12/16/2020 11:48 AM	-0.2	4.2	---	1.0	1.8
12/16/2020 11:54 AM	-0.2	4.2	---	1.0	1.8
12/16/2020 12:00 PM	-0.1	4.2	---	1.0	1.9
12/16/2020 12:06 PM	0.2	4.3	---	1.1	1.9
12/16/2020 12:12 PM	0.2	4.3	---	1.1	1.9
12/16/2020 12:18 PM	0.2	4.4	---	1.1	1.9
12/16/2020 12:24 PM	0.2	4.3	---	1.1	1.9
12/16/2020 12:30 PM	0.2	4.4	---	1.1	1.9
12/16/2020 12:36 PM	0.2	4.4	---	1.1	2.0
12/16/2020 12:42 PM	0.2	4.4	---	1.1	2.0
12/16/2020 12:48 PM	0.2	4.3	---	1.1	2.0
12/16/2020 12:54 PM	0.2	4.3	---	1.1	1.9
12/16/2020 1:00 PM	0.2	4.3	---	1.1	2.0
12/16/2020 1:06 PM	0.2	4.3	---	1.1	2.0
12/16/2020 1:12 PM	0.2	4.3	---	1.1	2.0
12/16/2020 1:18 PM	0.2	4.3	---	0.8	1.9
12/16/2020 1:24 PM	0.2	4.2	---	0.6	1.8
12/16/2020 1:30 PM	0.2	4.2	---	0.6	1.8
12/16/2020 1:36 PM	0.2	4.2	---	0.7	1.9
12/16/2020 1:42 PM	0.2	4.2	---	0.6	1.9
12/16/2020 1:48 PM	0.2	4.1	---	0.7	1.9
12/16/2020 1:54 PM	0.2	4.1	---	0.7	2.0
12/16/2020 2:00 PM	0.2	4.1	---	0.7	2.0
12/16/2020 2:06 PM	0.2	4.1	---	0.7	2.0
12/16/2020 2:12 PM	0.2	4.1	---	0.7	2.0
12/16/2020 2:18 PM	0.2	4.1	---	0.6	1.9
12/16/2020 2:24 PM	0.2	4.0	---	0.7	1.9
12/16/2020 2:30 PM	0.2	4.0	---	0.7	1.9
12/16/2020 2:36 PM	0.2	4.0	---	0.7	2.0
12/16/2020 2:42 PM	0.2	4.0	---	0.7	2.0
12/16/2020 2:48 PM	0.2	4.0	---	0.7	1.9
12/16/2020 2:54 PM	0.2	4.0	---	0.7	1.9
12/16/2020 3:00 PM	0.2	4.0	---	0.7	1.9
12/16/2020 3:06 PM	0.2	4.0	---	0.7	2.0
12/16/2020 3:12 PM	0.2	4.0	---	0.7	2.0
12/16/2020 3:18 PM	0.2	4.0	---	0.7	2.0
12/16/2020 3:24 PM	0.2	4.1	---	0.7	2.0
12/16/2020 3:30 PM	0.2	4.1	---	0.7	2.0
12/16/2020 3:36 PM	0.2	4.0	---	0.7	2.0
12/16/2020 3:42 PM	0.2	4.0	---	0.7	1.9
12/16/2020 3:48 PM	0.2	4.0	---	0.7	1.9
12/16/2020 3:54 PM	0.2	3.9	---	0.7	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/16/2020 4:00 PM	0.2	3.9	---	0.7	1.9
12/16/2020 4:06 PM	0.2	3.8	---	0.7	1.9
12/16/2020 4:12 PM	0.2	3.8	---	0.8	1.9
12/16/2020 4:18 PM	0.1	3.8	---	0.8	1.9
12/16/2020 4:24 PM	0.1	3.8	---	0.8	1.9
12/16/2020 4:30 PM	0.1	3.8	---	0.8	2.0
12/16/2020 4:36 PM	0.1	3.7	---	0.8	1.9
12/16/2020 4:42 PM	0.1	3.7	---	0.8	1.9
12/16/2020 4:48 PM	0.1	3.7	---	0.8	1.9
12/16/2020 4:54 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:00 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:06 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:12 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:18 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:24 PM	0.1	3.7	---	0.8	2.0
12/16/2020 5:30 PM	0.1	3.7	---	0.9	2.0
12/16/2020 5:36 PM	0.1	3.7	---	0.9	2.1
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12/16/2020 5:48 PM	0.1	3.6	---	0.8	2.1
12/16/2020 5:54 PM	0.1	3.6	---	0.8	2.2
12/16/2020 6:00 PM	0.1	3.6	---	0.9	2.1
12/16/2020 6:06 PM	0.1	3.5	---	0.8	2.1
12/16/2020 6:12 PM	0.1	3.5	---	0.8	2.0
12/16/2020 6:18 PM	0.1	3.6	---	0.8	2.0
12/16/2020 6:24 PM	0.1	3.5	---	0.8	2.0
12/16/2020 6:30 PM	0.1	3.5	---	0.8	2.1
12/16/2020 6:36 PM	0.1	3.5	---	0.8	2.0
12/16/2020 6:42 PM	0.1	3.5	---	0.8	2.0
12/16/2020 6:48 PM	0.1	3.5	---	0.8	2.0
12/16/2020 6:54 PM	0.1	3.5	---	0.8	2.0
12/16/2020 7:00 PM	0.1	3.5	---	0.8	2.0
12/16/2020 7:06 PM	0.1	3.5	---	0.8	2.0
12/16/2020 7:12 PM	0.1	3.5	---	0.8	2.1
12/16/2020 7:18 PM	0.1	3.6	---	0.8	2.0
12/16/2020 7:24 PM	0.1	3.6	---	0.8	2.0
12/16/2020 7:30 PM	0.1	3.6	---	0.8	2.0
12/16/2020 7:36 PM	0.1	3.7	---	0.8	2.0
12/16/2020 7:42 PM	0.1	3.7	---	0.8	2.0
12/16/2020 7:48 PM	0.1	3.7	---	0.8	1.9
12/16/2020 7:54 PM	0.1	3.6	---	0.8	1.9
12/16/2020 8:00 PM	0.1	3.6	---	0.8	2.0
12/16/2020 8:06 PM	0.1	3.7	---	0.8	2.0
12/16/2020 8:12 PM	0.1	3.7	---	0.8	1.9
12/16/2020 8:18 PM	0.1	3.6	---	0.8	1.9
12/16/2020 8:24 PM	0.1	3.6	---	0.8	2.0
12/16/2020 8:30 PM	0.2	3.6	---	0.8	2.0
12/16/2020 8:36 PM	0.1	3.6	---	0.8	2.1
12/16/2020 8:42 PM	0.1	3.5	---	0.8	2.1
12/16/2020 8:48 PM	0.1	3.5	---	0.8	2.1
12/16/2020 8:54 PM	0.1	3.4	---	0.8	2.1

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All Opacity Data

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	%	%	%	%	%
12/16/2020 9:00 PM	0.1	3.4	---	0.8	2.0
12/16/2020 9:06 PM	0.1	3.4	---	0.8	2.0
12/16/2020 9:12 PM	0.1	3.4	---	0.8	2.0
12/16/2020 9:18 PM	0.1	3.4	---	0.8	2.0
12/16/2020 9:24 PM	0.1	3.5	---	0.8	2.0
12/16/2020 9:30 PM	0.1	3.5	---	0.8	2.0
12/16/2020 9:36 PM	0.1	3.5	---	0.8	2.0
12/16/2020 9:42 PM	0.1	3.5	---	0.8	2.0
12/16/2020 9:48 PM	0.1	3.5	---	0.8	2.1
12/16/2020 9:54 PM	0.1	3.5	---	0.8	2.1
12/16/2020 10:00 PM	0.1	3.5	---	0.8	2.0
12/16/2020 10:06 PM	0.1	3.4	---	0.9	2.0
12/16/2020 10:12 PM	0.1	3.4	---	0.8	2.0
12/16/2020 10:18 PM	0.1	3.4	---	0.8	2.0
12/16/2020 10:24 PM	0.1	3.4	---	0.8	2.0
12/16/2020 10:30 PM	0.1	3.4	---	0.8	2.0
12/16/2020 10:36 PM	0.1	3.4	---	0.9	2.0
12/16/2020 10:42 PM	0.1	3.4	---	0.8	2.0
12/16/2020 10:48 PM	0.2	3.4	---	0.8	2.0
12/16/2020 10:54 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:00 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:06 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:12 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:18 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:24 PM	0.2	3.5	---	0.8	2.1
12/16/2020 11:30 PM	0.2	3.5	---	0.8	2.1
12/16/2020 11:36 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:42 PM	0.2	3.4	---	0.8	2.1
12/16/2020 11:48 PM	0.2	3.4	---	0.8	2.0
12/16/2020 11:54 PM	0.2	3.4	---	0.8	2.1
12/17/2020 12:00 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:06 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:12 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:18 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:24 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:30 AM	0.2	3.4	---	0.8	2.0
12/17/2020 12:36 AM	0.2	3.4	---	0.8	2.1
12/17/2020 12:42 AM	0.2	3.4	---	0.8	2.1
12/17/2020 12:48 AM	0.2	3.4	---	0.9	2.1
12/17/2020 12:54 AM	0.2	3.4	---	0.9	2.1
12/17/2020 1:00 AM	0.2	3.5	---	0.9	2.1
12/17/2020 1:06 AM	0.2	3.5	---	0.9	2.1
12/17/2020 1:12 AM	0.2	3.4	---	0.9	2.1
12/17/2020 1:18 AM	0.3	3.4	---	0.9	2.1
12/17/2020 1:24 AM	0.3	3.4	---	0.9	2.1
12/17/2020 1:30 AM	0.3	3.4	---	0.9	2.1
12/17/2020 1:36 AM	0.3	3.4	---	0.9	2.1
12/17/2020 1:42 AM	0.3	3.4	---	0.9	2.1
12/17/2020 1:48 AM	0.3	3.5	---	0.9	2.2
12/17/2020 1:54 AM	0.3	3.5	---	0.9	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/17/2020 2:00 AM	0.3	3.5	---	0.9	2.2
12/17/2020 2:06 AM	0.3	3.5	---	0.9	2.2
12/17/2020 2:12 AM	0.3	3.4	---	0.8	2.2
12/17/2020 2:18 AM	0.3	3.4	---	0.8	2.1
12/17/2020 2:24 AM	0.3	3.3	---	0.8	2.1
12/17/2020 2:30 AM	0.3	3.2	---	0.8	2.1
12/17/2020 2:36 AM	0.3	3.1	---	0.8	2.1
12/17/2020 2:42 AM	0.3	3.1	---	0.8	2.1
12/17/2020 2:48 AM	0.3	3.0	---	0.8	2.1
12/17/2020 2:54 AM	0.3	3.0	---	1.0	2.0
12/17/2020 3:00 AM	0.3	3.0	---	1.2	1.0
12/17/2020 3:06 AM	0.3	2.9	---	1.3	0.2
12/17/2020 3:12 AM	0.4	3.0	---	1.2	0.3
12/17/2020 3:18 AM	0.4	2.9	---	1.2	0.3
12/17/2020 3:24 AM	0.4	2.7	---	1.2	0.2
12/17/2020 3:30 AM	0.3	2.6	---	1.3	0.2
12/17/2020 3:36 AM	0.3	2.5	---	1.3	0.2
12/17/2020 3:42 AM	0.4	2.5	---	1.3	0.2
12/17/2020 3:48 AM	0.4	2.4	---	1.3	0.2
12/17/2020 3:54 AM	0.4	2.4	---	1.3	0.2
12/17/2020 4:00 AM	0.4	2.4	---	1.3	0.3
12/17/2020 4:06 AM	0.4	2.4	---	1.3	0.2
12/17/2020 4:12 AM	0.4	2.3	---	1.2	0.2
12/17/2020 4:18 AM	0.4	2.2	---	1.2	0.1
12/17/2020 4:24 AM	0.3	2.1	---	1.2	0.1
12/17/2020 4:30 AM	0.3	2.0	---	1.2	0.1
12/17/2020 4:36 AM	0.2	1.9	---	1.2	0.1
12/17/2020 4:42 AM	0.2	1.9	---	1.3	0.1
12/17/2020 4:48 AM	0.2	1.8	---	1.2	0.1
12/17/2020 4:54 AM	0.2	1.8	---	1.2	0.1
12/17/2020 5:00 AM	0.2	1.8	---	1.2	0.1
12/17/2020 5:06 AM	0.2	1.8	---	1.2	0.1
12/17/2020 5:12 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:18 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:24 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:30 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:36 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:42 AM	0.2	1.7	---	1.2	0.1
12/17/2020 5:48 AM	0.2	1.6	---	1.2	0.1
12/17/2020 5:54 AM	0.2	1.6	---	1.2	0.1
12/17/2020 6:00 AM	0.2	1.6	---	1.2	0.1
12/17/2020 6:06 AM	0.2	1.6	---	1.2	0.1
12/17/2020 6:12 AM	0.2	1.6	---	1.2	0.0
12/17/2020 6:18 AM	0.1	1.6	---	1.2	0.0
12/17/2020 6:24 AM	0.1	1.6	---	1.2	0.1
12/17/2020 6:30 AM	0.2	1.6	---	1.2	0.1
12/17/2020 6:36 AM	0.2	1.6	---	1.2	0.0
12/17/2020 6:42 AM	0.1	1.5	---	1.2	0.0
12/17/2020 6:48 AM	0.1	1.6	---	1.2	0.0
12/17/2020 6:54 AM	0.1	1.6	---	1.2	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/17/2020 7:00 AM	0.1	1.6	---	1.2	0.0
12/17/2020 7:06 AM	0.1	1.6	---	1.2	0.0
12/17/2020 7:12 AM	0.1	1.5	---	1.2	0.0
12/17/2020 7:18 AM	0.1	1.5	---	1.2	0.0
12/17/2020 7:24 AM	0.1	1.6	---	1.1	0.0
12/17/2020 7:30 AM	0.1	1.6	---	1.1	0.0
12/17/2020 7:36 AM	0.1	1.6	---	1.1	0.0
12/17/2020 7:42 AM	0.1	1.6	---	1.0	0.0
12/17/2020 7:48 AM	0.1	1.6	---	1.0	0.0
12/17/2020 7:54 AM	0.1	1.6	---	1.0	0.0
12/17/2020 8:00 AM	0.1	1.6	---	1.0	0.0
12/17/2020 8:06 AM	0.1	1.6	---	1.0	0.0
12/17/2020 8:12 AM	0.1	1.6	---	1.0	0.0
12/17/2020 8:18 AM	0.1	1.6	---	1.0	0.0
12/17/2020 8:24 AM	0.1	1.7	---	1.0	0.0
12/17/2020 8:30 AM	0.1	1.7	---	1.0	0.0
12/17/2020 8:36 AM	0.1	1.7	---	1.0	0.0
12/17/2020 8:42 AM	0.1	1.7	---	1.0	0.0
12/17/2020 8:48 AM	0.1	1.7	---	1.0	0.0
12/17/2020 8:54 AM	0.1	1.7	---	1.0	0.0
12/17/2020 9:00 AM	0.1	1.8	---	1.0	0.0
12/17/2020 9:06 AM	0.1	1.8	---	1.0	0.0
12/17/2020 9:12 AM	0.1	1.8	---	1.0	0.0
12/17/2020 9:18 AM	0.1	1.9	---	1.0	0.0
12/17/2020 9:24 AM	0.1	1.9	---	1.1	0.0
12/17/2020 9:30 AM	0.1	2.0	---	1.1	0.0
12/17/2020 9:36 AM	0.2	2.0	---	1.1	0.0
12/17/2020 9:42 AM	0.2	2.1	---	1.1	0.0
12/17/2020 9:48 AM	0.2	2.1	---	1.1	0.0
12/17/2020 9:54 AM	0.2	2.2	---	1.1	0.0
12/17/2020 10:00 AM	0.2	2.2	---	1.1	0.0
12/17/2020 10:06 AM	0.2	2.2	---	1.1	0.0
12/17/2020 10:12 AM	0.2	2.3	---	1.1	0.0
12/17/2020 10:18 AM	0.2	2.3	---	1.1	0.0
12/17/2020 10:24 AM	0.2	2.3	---	1.1	0.0
12/17/2020 10:30 AM	0.2	2.3	---	1.1	0.0
12/17/2020 10:36 AM	0.2	2.4	---	1.1	0.0
12/17/2020 10:42 AM	0.2	2.4	---	1.0	0.0
12/17/2020 10:48 AM	0.2	2.4	---	1.0	0.0
12/17/2020 10:54 AM	0.2	2.4	---	1.0	0.0
12/17/2020 11:00 AM	0.2	2.4	---	1.1	0.0
12/17/2020 11:06 AM	0.2	2.5	---	1.1	0.0
12/17/2020 11:12 AM	0.2	2.4	---	1.0	0.0
12/17/2020 11:18 AM	0.1	2.3	---	1.0	0.0
12/17/2020 11:24 AM	0.0	2.1	---	1.0	0.0
12/17/2020 11:30 AM	0.0	1.9	---	1.0	0.0
12/17/2020 11:36 AM	0.0	1.8	---	1.0	0.0
12/17/2020 11:42 AM	0.0	1.7	---	1.0	0.0
12/17/2020 11:48 AM	0.0	1.7	---	1.0	0.0
12/17/2020 11:54 AM	0.1	1.6	---	1.0	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/17/2020 12:00 PM	0.0	1.6	---	1.0	0.0
12/17/2020 12:06 PM	-0.3	1.5	---	1.0	-0.2
12/17/2020 12:12 PM	-0.2	1.5	---	1.0	-0.2
12/17/2020 12:18 PM	-0.2	1.4	---	0.9	-0.2
12/17/2020 12:24 PM	-0.2	1.3	---	0.8	-0.2
12/17/2020 12:30 PM	-0.2	1.4	---	0.8	-0.2
12/17/2020 12:36 PM	-0.2	1.6	---	0.8	-0.2
12/17/2020 12:42 PM	-0.2	1.8	---	0.8	-0.2
12/17/2020 12:48 PM	-0.2	2.1	---	0.7	-0.2
12/17/2020 12:54 PM	-0.2	2.2	---	0.9	-0.2
12/17/2020 1:00 PM	-0.2	2.3	---	1.0	-0.2
12/17/2020 1:06 PM	-0.2	2.2	---	0.9	-0.2
12/17/2020 1:12 PM	-0.2	2.2	---	0.9	5.9
12/17/2020 1:18 PM	-0.2	2.3	---	0.6	9.9
12/17/2020 1:24 PM	-0.2	2.4	---	0.4	6.3
12/17/2020 1:30 PM	-0.2	2.5	---	0.7	5.5
12/17/2020 1:36 PM	-0.2	2.6	---	0.9	5.3
12/17/2020 1:42 PM	-0.2	2.5	---	0.9	4.8
12/17/2020 1:48 PM	-0.1	2.6	---	0.9	4.1
12/17/2020 1:54 PM	-0.1	2.6	---	0.9	4.0
12/17/2020 2:00 PM	-0.1	2.6	---	0.9	4.8
12/17/2020 2:06 PM	-0.1	2.6	---	0.9	4.5
12/17/2020 2:12 PM	-0.1	2.5	---	0.9	3.7
12/17/2020 2:18 PM	-0.1	2.4	---	1.0	3.1
12/17/2020 2:24 PM	-0.1	2.3	---	0.9	2.7
12/17/2020 2:30 PM	-0.1	2.3	---	0.9	2.5
12/17/2020 2:36 PM	-0.1	2.3	---	0.9	2.4
12/17/2020 2:42 PM	-0.1	2.4	---	0.9	2.4
12/17/2020 2:48 PM	-0.1	2.5	---	0.9	2.3
12/17/2020 2:54 PM	-0.1	2.5	---	0.9	2.4
12/17/2020 3:00 PM	-0.1	2.3	---	0.9	2.3
12/17/2020 3:06 PM	-0.1	2.0	---	0.9	2.2
12/17/2020 3:12 PM	0.0	1.6	---	0.9	2.2
12/17/2020 3:18 PM	0.0	1.3	---	0.9	2.3
12/17/2020 3:24 PM	0.0	1.2	---	0.9	2.1
12/17/2020 3:30 PM	0.0	1.2	---	0.9	2.1
12/17/2020 3:36 PM	0.0	1.3	---	0.9	2.1
12/17/2020 3:42 PM	0.0	1.5	---	0.9	2.1
12/17/2020 3:48 PM	0.0	1.7	---	0.9	2.2
12/17/2020 3:54 PM	-0.1	1.8	---	0.9	2.1
12/17/2020 4:00 PM	-0.1	1.9	---	0.9	2.0
12/17/2020 4:06 PM	-0.1	2.0	---	0.9	2.0
12/17/2020 4:12 PM	-0.1	2.1	---	0.9	2.0
12/17/2020 4:18 PM	-0.1	2.2	---	0.9	2.0
12/17/2020 4:24 PM	-0.1	2.3	---	0.9	2.0
12/17/2020 4:30 PM	0.0	2.3	---	0.9	2.0
12/17/2020 4:36 PM	0.0	2.4	---	0.9	1.9
12/17/2020 4:42 PM	0.0	2.4	---	0.9	1.9
12/17/2020 4:48 PM	0.0	2.4	---	0.9	1.9
12/17/2020 4:54 PM	0.0	2.4	---	0.9	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



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Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

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12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/17/2020 5:00 PM	0.0	2.3	---	0.9	1.8
12/17/2020 5:06 PM	0.0	2.3	---	0.9	1.8
12/17/2020 5:12 PM	0.0	2.3	---	0.9	1.8
12/17/2020 5:18 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:24 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:30 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:36 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:42 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:48 PM	0.0	2.3	---	0.9	1.9
12/17/2020 5:54 PM	0.0	2.4	---	0.9	1.9
12/17/2020 6:00 PM	0.0	2.4	---	0.9	1.9
12/17/2020 6:06 PM	0.0	2.4	---	0.9	2.0
12/17/2020 6:12 PM	0.0	2.4	---	0.8	2.0
12/17/2020 6:18 PM	0.0	2.5	---	0.7	1.9
12/17/2020 6:24 PM	0.0	2.5	---	0.7	1.9
12/17/2020 6:30 PM	0.0	2.5	---	0.7	2.0
12/17/2020 6:36 PM	0.0	2.5	---	0.7	1.9
12/17/2020 6:42 PM	0.0	2.5	---	0.7	2.0
12/17/2020 6:48 PM	0.0	2.5	---	0.7	2.0
12/17/2020 6:54 PM	0.0	2.6	---	0.8	2.0
12/17/2020 7:00 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:06 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:12 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:18 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:24 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:30 PM	0.0	2.6	---	0.8	1.9
12/17/2020 7:36 PM	-0.1	2.6	---	0.8	1.9
12/17/2020 7:42 PM	-0.1	2.6	---	0.7	1.9
12/17/2020 7:48 PM	-0.1	2.7	---	0.7	1.9
12/17/2020 7:54 PM	-0.1	2.7	---	0.7	1.9
12/17/2020 8:00 PM	-0.1	2.7	---	0.7	1.9
12/17/2020 8:06 PM	-0.1	2.7	---	0.7	1.9
12/17/2020 8:12 PM	0.0	2.7	---	0.8	1.9
12/17/2020 8:18 PM	0.0	2.7	---	0.7	1.9
12/17/2020 8:24 PM	0.0	2.7	---	0.6	1.8
12/17/2020 8:30 PM	0.0	2.7	---	0.6	1.8
12/17/2020 8:36 PM	0.0	2.8	---	0.6	1.8
12/17/2020 8:42 PM	-0.1	2.8	---	0.6	1.8
12/17/2020 8:48 PM	-0.1	2.8	---	0.6	1.7
12/17/2020 8:54 PM	0.0	2.8	---	0.6	1.8
12/17/2020 9:00 PM	0.0	2.7	---	0.6	1.7
12/17/2020 9:06 PM	0.0	2.7	---	0.6	1.7
12/17/2020 9:12 PM	0.0	2.7	---	0.6	1.7
12/17/2020 9:18 PM	0.0	2.7	---	0.6	1.8
12/17/2020 9:24 PM	-0.1	2.7	---	0.6	1.8
12/17/2020 9:30 PM	-0.1	2.7	---	0.7	1.8
12/17/2020 9:36 PM	-0.1	2.6	---	0.7	1.8
12/17/2020 9:42 PM	-0.1	2.6	---	0.7	1.7
12/17/2020 9:48 PM	-0.1	2.6	---	0.8	0.7
12/17/2020 9:54 PM	-0.1	2.5	---	0.8	-0.2

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Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/17/2020 10:00 PM	-0.1	2.5	---	0.8	-0.2
12/17/2020 10:06 PM	-0.1	2.5	---	0.8	-0.2
12/17/2020 10:12 PM	-0.1	2.5	---	0.8	-0.1
12/17/2020 10:18 PM	-0.1	2.5	---	0.8	-0.2
12/17/2020 10:24 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 10:30 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 10:36 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 10:42 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 10:48 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 10:54 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 11:00 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 11:06 PM	-0.1	2.5	---	0.9	-0.2
12/17/2020 11:12 PM	-0.1	2.5	---	0.9	-0.1
12/17/2020 11:18 PM	-0.1	2.5	---	0.8	-0.1
12/17/2020 11:24 PM	-0.1	2.5	---	0.8	-0.2
12/17/2020 11:30 PM	-0.1	2.4	---	0.9	-0.2
12/17/2020 11:36 PM	-0.1	2.4	---	0.9	-0.2
12/17/2020 11:42 PM	-0.1	2.4	---	0.9	-0.2
12/17/2020 11:48 PM	-0.1	2.4	---	0.9	-0.2
12/17/2020 11:54 PM	-0.1	2.3	---	0.9	-0.2
12/18/2020 12:00 AM	-0.1	2.3	---	0.9	-0.2
12/18/2020 12:06 AM	-0.1	2.3	---	0.9	-0.2
12/18/2020 12:12 AM	-0.1	2.3	---	0.9	-0.2
12/18/2020 12:18 AM	-0.1	2.2	---	0.9	-0.2
12/18/2020 12:24 AM	-0.1	2.2	---	0.9	-0.2
12/18/2020 12:30 AM	-0.1	2.2	---	0.8	-0.2
12/18/2020 12:36 AM	-0.1	2.2	---	0.7	-0.2
12/18/2020 12:42 AM	-0.1	2.1	---	0.7	-0.2
12/18/2020 12:48 AM	-0.1	2.1	---	0.7	-0.2
12/18/2020 12:54 AM	-0.1	2.1	---	0.7	-0.2
12/18/2020 1:00 AM	-0.1	2.0	---	0.7	-0.2
12/18/2020 1:06 AM	-0.1	2.0	---	0.7	-0.2
12/18/2020 1:12 AM	-0.1	2.0	---	0.7	-0.2
12/18/2020 1:18 AM	-0.1	2.0	---	0.7	-0.2
12/18/2020 1:24 AM	-0.1	2.0	---	0.7	-0.2
12/18/2020 1:30 AM	-0.1	1.9	---	0.7	-0.2
12/18/2020 1:36 AM	-0.1	1.9	---	0.5	-0.2
12/18/2020 1:42 AM	-0.1	1.9	---	0.5	-0.2
12/18/2020 1:48 AM	-0.1	1.9	---	0.6	-0.2
12/18/2020 1:54 AM	-0.1	1.9	---	0.6	-0.2
12/18/2020 2:00 AM	-0.2	2.0	---	0.6	-0.2
12/18/2020 2:06 AM	-0.2	2.0	---	0.6	-0.2
12/18/2020 2:12 AM	-0.2	2.0	---	0.6	-0.2
12/18/2020 2:18 AM	-0.2	2.0	---	0.6	-0.2
12/18/2020 2:24 AM	-0.2	2.1	---	0.6	-0.2
12/18/2020 2:30 AM	-0.2	2.1	---	0.6	-0.2
12/18/2020 2:36 AM	-0.2	2.1	---	0.6	-0.2
12/18/2020 2:42 AM	-0.2	2.1	---	0.6	-0.2
12/18/2020 2:48 AM	-0.2	2.1	---	0.6	-0.2
12/18/2020 2:54 AM	-0.2	2.2	---	0.6	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/18/2020 3:00 AM	-0.2	2.2	---	0.6	-0.2
12/18/2020 3:06 AM	-0.2	2.2	---	0.6	-0.2
12/18/2020 3:12 AM	-0.2	2.3	---	0.6	-0.2
12/18/2020 3:18 AM	-0.2	2.3	---	0.6	-0.3
12/18/2020 3:24 AM	-0.2	2.3	---	0.5	-0.3
12/18/2020 3:30 AM	-0.2	2.3	---	0.5	-0.2
12/18/2020 3:36 AM	-0.2	2.3	---	0.5	-0.2
12/18/2020 3:42 AM	-0.2	2.3	---	0.5	-0.2
12/18/2020 3:48 AM	-0.2	2.3	---	0.2	-0.2
12/18/2020 3:54 AM	-0.2	2.3	---	-0.4	-0.3
12/18/2020 4:00 AM	-0.2	2.3	---	-0.6	-0.2
12/18/2020 4:06 AM	-0.2	2.2	---	-0.6	-0.2
12/18/2020 4:12 AM	-0.2	2.2	---	-0.6	-0.2
12/18/2020 4:18 AM	-0.2	2.2	---	-0.6	-0.2
12/18/2020 4:24 AM	-0.2	2.2	---	0.9	-0.2
12/18/2020 4:30 AM	-0.2	2.2	---	1.8	-0.2
12/18/2020 4:36 AM	-0.2	2.1	---	1.2	-0.2
12/18/2020 4:42 AM	-0.2	2.1	---	1.3	-0.2
12/18/2020 4:48 AM	-0.2	2.0	---	2.0	-0.2
12/18/2020 4:54 AM	-0.2	2.0	---	2.1	-0.2
12/18/2020 5:00 AM	-0.2	2.0	---	1.7	-0.2
12/18/2020 5:06 AM	-0.2	1.9	---	1.5	-0.2
12/18/2020 5:12 AM	-0.2	1.9	---	1.4	-0.2
12/18/2020 5:18 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:24 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:30 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:36 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:42 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:48 AM	-0.2	1.8	---	1.4	-0.2
12/18/2020 5:54 AM	-0.2	1.9	---	1.4	-0.2
12/18/2020 6:00 AM	-0.2	2.0	---	1.4	-0.2
12/18/2020 6:06 AM	-0.2	2.0	---	1.4	-0.2
12/18/2020 6:12 AM	-0.2	2.1	---	1.3	-0.2
12/18/2020 6:18 AM	-0.2	2.1	---	1.3	-0.2
12/18/2020 6:24 AM	-0.2	2.1	---	1.3	-0.2
12/18/2020 6:30 AM	-0.2	2.2	---	1.3	-0.2
12/18/2020 6:36 AM	-0.2	2.2	---	1.3	-0.2
12/18/2020 6:42 AM	-0.2	2.3	---	1.3	-0.2
12/18/2020 6:48 AM	-0.2	2.3	---	1.3	-0.2
12/18/2020 6:54 AM	-0.2	2.3	---	1.3	-0.2
12/18/2020 7:00 AM	-0.2	2.4	---	1.3	-0.2
12/18/2020 7:06 AM	-0.2	2.4	---	1.3	-0.2
12/18/2020 7:12 AM	-0.2	2.4	---	1.3	-0.2
12/18/2020 7:18 AM	-0.2	2.4	---	1.3	-0.2
12/18/2020 7:24 AM	-0.2	2.4	---	1.2	-0.2
12/18/2020 7:30 AM	-0.2	2.5	---	1.2	-0.2
12/18/2020 7:36 AM	-0.2	2.5	---	0.9	-0.2
12/18/2020 7:42 AM	-0.2	2.5	---	0.8	-0.2
12/18/2020 7:48 AM	-0.2	2.5	---	0.8	-0.2
12/18/2020 7:54 AM	-0.2	2.5	---	0.8	-0.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/18/2020 8:00 AM	-0.2	2.5	---	0.8	-0.2
12/18/2020 8:06 AM	-0.2	2.5	---	0.8	-0.2
12/18/2020 8:12 AM	-0.2	2.6	---	0.7	-0.2
12/18/2020 8:18 AM	-0.2	2.6	---	0.8	-0.2
12/18/2020 8:24 AM	-0.2	2.6	---	0.8	-0.2
12/18/2020 8:30 AM	-0.2	2.7	---	0.8	-0.2
12/18/2020 8:36 AM	-0.2	2.7	---	0.7	-0.2
12/18/2020 8:42 AM	-0.2	2.7	---	0.8	-0.2
12/18/2020 8:48 AM	-0.2	2.7	---	0.8	-0.2
12/18/2020 8:54 AM	-0.2	2.8	---	0.8	-0.2
12/18/2020 9:00 AM	-0.2	2.8	---	0.8	-0.2
12/18/2020 9:06 AM	-0.2	2.8	---	0.8	-0.2
12/18/2020 9:12 AM	-0.2	2.9	---	0.8	-0.3
12/18/2020 9:18 AM	-0.2	2.9	---	0.8	-0.3
12/18/2020 9:24 AM	-0.2	2.9	---	0.8	-0.2
12/18/2020 9:30 AM	-0.2	3.0	---	0.7	-0.2
12/18/2020 9:36 AM	-0.2	3.0	---	0.7	-0.2
12/18/2020 9:42 AM	-0.2	3.0	---	0.7	-0.2
12/18/2020 9:48 AM	-0.2	3.0	---	0.7	-0.2
12/18/2020 9:54 AM	-0.2	2.9	---	0.7	-0.2
12/18/2020 10:00 AM	-0.2	2.8	---	0.7	-0.2
12/18/2020 10:06 AM	-0.2	2.7	---	0.7	-0.2
12/18/2020 10:12 AM	-0.2	2.7	---	0.7	-0.2
12/18/2020 10:18 AM	-0.2	2.7	---	0.7	-0.3
12/18/2020 10:24 AM	-0.3	2.8	---	0.7	-0.2
12/18/2020 10:30 AM	-0.3	2.9	---	0.7	-0.2
12/18/2020 10:36 AM	-0.3	3.0	---	0.7	-0.2
12/18/2020 10:42 AM	-0.3	3.0	---	0.7	-0.2
12/18/2020 10:48 AM	-0.3	2.9	---	0.7	-0.2
12/18/2020 10:54 AM	-0.3	2.8	---	0.7	-0.2
12/18/2020 11:00 AM	-0.3	2.6	---	0.7	-0.2
12/18/2020 11:06 AM	-0.3	2.5	---	0.7	-0.2
12/18/2020 11:12 AM	-0.3	2.6	---	0.7	-0.2
12/18/2020 11:18 AM	-0.3	2.8	---	0.7	-0.3
12/18/2020 11:24 AM	-0.2	3.0	---	0.7	-0.2
12/18/2020 11:30 AM	-0.2	3.1	---	0.7	-0.2
12/18/2020 11:36 AM	-0.2	3.2	---	0.7	-0.2
12/18/2020 11:42 AM	-0.2	3.2	---	0.7	-0.2
12/18/2020 11:48 AM	-0.2	3.2	---	0.7	-0.2
12/18/2020 11:54 AM	-0.2	3.3	---	0.7	-0.2
12/18/2020 12:00 PM	0.0	3.3	---	0.7	-0.2
12/18/2020 12:06 PM	0.4	3.4	---	0.8	-0.2
12/18/2020 12:12 PM	0.4	3.4	---	0.8	-0.2
12/18/2020 12:18 PM	0.4	3.4	---	0.8	-0.2
12/18/2020 12:24 PM	0.5	3.4	---	0.7	-0.2
12/18/2020 12:30 PM	0.4	3.4	---	0.8	-0.2
12/18/2020 12:36 PM	0.4	3.3	---	0.8	-0.2
12/18/2020 12:42 PM	0.4	3.3	---	0.7	-0.2
12/18/2020 12:48 PM	0.4	3.3	---	0.7	-0.2
12/18/2020 12:54 PM	0.4	3.2	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/18/2020 1:00 PM	0.4	3.1	---	0.7	-0.2
12/18/2020 1:06 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 1:12 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 1:18 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 1:24 PM	0.4	3.0	---	0.8	-0.2
12/18/2020 1:30 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 1:36 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 1:42 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 1:48 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 1:54 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 2:00 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 2:06 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 2:12 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 2:18 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 2:24 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 2:30 PM	0.5	3.1	---	0.7	-0.2
12/18/2020 2:36 PM	0.5	3.1	---	0.7	-0.2
12/18/2020 2:42 PM	0.5	3.0	---	0.7	-0.2
12/18/2020 2:48 PM	0.5	3.0	---	0.7	-0.2
12/18/2020 2:54 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 3:00 PM	0.5	3.1	---	0.8	-0.2
12/18/2020 3:06 PM	0.6	3.1	---	0.7	-0.2
12/18/2020 3:12 PM	0.6	3.1	---	0.8	-0.2
12/18/2020 3:18 PM	0.6	3.1	---	0.7	-0.2
12/18/2020 3:24 PM	0.6	3.1	---	0.8	-0.2
12/18/2020 3:30 PM	0.6	3.1	---	0.8	-0.2
12/18/2020 3:36 PM	0.6	3.2	---	0.8	-0.2
12/18/2020 3:42 PM	0.6	3.2	---	0.8	-0.2
12/18/2020 3:48 PM	0.6	3.2	---	0.8	-0.2
12/18/2020 3:54 PM	0.6	3.2	---	0.8	-0.2
12/18/2020 4:00 PM	0.6	3.2	---	0.8	-0.2
12/18/2020 4:06 PM	0.6	3.1	---	0.8	-0.2
12/18/2020 4:12 PM	0.6	3.1	---	0.8	-0.2
12/18/2020 4:18 PM	0.5	3.0	---	0.8	-0.2
12/18/2020 4:24 PM	0.5	2.9	---	0.8	-0.2
12/18/2020 4:30 PM	0.5	2.9	---	0.8	-0.2
12/18/2020 4:36 PM	0.5	2.8	---	0.8	-0.2
12/18/2020 4:42 PM	0.6	2.7	---	0.8	-0.2
12/18/2020 4:48 PM	0.6	2.6	---	0.8	-0.2
12/18/2020 4:54 PM	0.6	2.6	---	0.8	-0.2
12/18/2020 5:00 PM	0.6	2.5	---	0.9	-0.2
12/18/2020 5:06 PM	0.6	2.5	---	0.8	-0.2
12/18/2020 5:12 PM	0.6	2.4	---	0.8	-0.2
12/18/2020 5:18 PM	0.6	2.4	---	0.9	-0.2
12/18/2020 5:24 PM	0.6	2.3	---	0.8	-0.2
12/18/2020 5:30 PM	0.5	2.3	---	0.0	0.8
12/18/2020 5:36 PM	0.5	2.2	---	0.8	-0.2
12/18/2020 5:42 PM	0.5	2.2	---	0.9	-0.2
12/18/2020 5:48 PM	0.5	2.2	---	0.9	-0.2
12/18/2020 5:54 PM	0.6	2.1	---	0.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/18/2020 6:00 PM	0.6	2.1	---	0.9	-0.2
12/18/2020 6:06 PM	0.5	2.1	---	0.9	-0.2
12/18/2020 6:12 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:18 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:24 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:30 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:36 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:42 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 6:48 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 6:54 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:00 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:06 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:12 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:18 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:24 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 7:30 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 7:36 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 7:42 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 7:48 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 7:54 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 8:00 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 8:06 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 8:12 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 8:18 PM	0.5	2.0	---	0.9	-0.2
12/18/2020 8:24 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 8:30 PM	0.5	1.9	---	0.8	-0.2
12/18/2020 8:36 PM	0.5	1.9	---	0.9	-0.2
12/18/2020 8:42 PM	0.4	1.9	---	0.9	-0.2
12/18/2020 8:48 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 8:54 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 9:00 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 9:06 PM	0.4	2.0	---	0.8	-0.2
12/18/2020 9:12 PM	0.4	2.0	---	0.8	-0.2
12/18/2020 9:18 PM	0.4	2.0	---	0.8	-0.2
12/18/2020 9:24 PM	0.4	2.0	---	0.8	-0.2
12/18/2020 9:30 PM	0.4	2.0	---	0.8	-0.2
12/18/2020 9:36 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 9:42 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 9:48 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 9:54 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 10:00 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 10:06 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 10:12 PM	0.4	2.1	---	0.9	-0.2
12/18/2020 10:18 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:24 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:30 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:36 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:42 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:48 PM	0.4	2.0	---	0.9	-0.2
12/18/2020 10:54 PM	0.4	2.0	---	1.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/18/2020 11:00 PM	0.4	2.0	---	1.0	-0.2
12/18/2020 11:06 PM	0.3	2.0	---	1.0	-0.2
12/18/2020 11:12 PM	0.4	2.0	---	1.0	-0.2
12/18/2020 11:18 PM	0.4	2.1	---	1.0	-0.2
12/18/2020 11:24 PM	0.3	2.1	---	1.0	-0.2
12/18/2020 11:30 PM	0.3	2.1	---	0.9	-0.2
12/18/2020 11:36 PM	0.3	2.1	---	1.0	-0.2
12/18/2020 11:42 PM	0.3	2.1	---	1.0	-0.2
12/18/2020 11:48 PM	0.3	2.1	---	1.0	-0.2
12/18/2020 11:54 PM	0.3	2.1	---	1.0	-0.2
12/19/2020 12:00 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 12:06 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 12:12 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 12:18 AM	0.3	2.1	---	1.0	-0.2
12/19/2020 12:24 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 12:30 AM	0.3	2.1	---	1.0	-0.2
12/19/2020 12:36 AM	0.3	2.1	---	1.0	-0.2
12/19/2020 12:42 AM	0.3	2.1	---	1.0	-0.2
12/19/2020 12:48 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 12:54 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 1:00 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 1:06 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 1:12 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 1:18 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 1:24 AM	0.3	2.1	---	0.9	-0.2
12/19/2020 1:30 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 1:36 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 1:42 AM	0.3	2.0	---	0.7	-0.2
12/19/2020 1:48 AM	0.3	1.9	---	0.7	-0.2
12/19/2020 1:54 AM	0.3	1.9	---	0.7	-0.2
12/19/2020 2:00 AM	0.3	1.9	---	0.7	-0.2
12/19/2020 2:06 AM	0.3	1.9	---	0.8	-0.2
12/19/2020 2:12 AM	0.3	1.9	---	0.8	-0.2
12/19/2020 2:18 AM	0.3	1.9	---	0.8	-0.2
12/19/2020 2:24 AM	0.3	1.9	---	0.8	-0.2
12/19/2020 2:30 AM	0.3	1.9	---	0.9	-0.2
12/19/2020 2:36 AM	0.3	1.9	---	0.9	-0.2
12/19/2020 2:42 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 2:48 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 2:54 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 3:00 AM	0.3	2.0	---	0.9	-0.2
12/19/2020 3:06 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 3:12 AM	0.3	2.0	---	1.0	-0.3
12/19/2020 3:18 AM	0.3	2.0	---	1.0	-0.2
12/19/2020 3:24 AM	0.2	2.0	---	1.0	-0.2
12/19/2020 3:30 AM	0.2	2.0	---	1.0	-0.2
12/19/2020 3:36 AM	0.2	2.0	---	1.0	-0.2
12/19/2020 3:42 AM	0.2	2.0	---	1.0	-0.2
12/19/2020 3:48 AM	0.2	2.0	---	1.0	-0.2
12/19/2020 3:54 AM	0.2	2.1	---	1.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/19/2020 4:00 AM	0.2	2.1	---	1.0	-0.2
12/19/2020 4:06 AM	0.2	2.1	---	1.0	-0.2
12/19/2020 4:12 AM	0.2	2.2	---	1.0	-0.2
12/19/2020 4:18 AM	0.2	2.2	---	1.0	-0.2
12/19/2020 4:24 AM	0.2	2.2	---	1.0	-0.3
12/19/2020 4:30 AM	0.2	2.2	---	1.0	-0.2
12/19/2020 4:36 AM	0.2	2.2	---	1.0	-0.2
12/19/2020 4:42 AM	0.2	2.2	---	0.9	-0.3
12/19/2020 4:48 AM	0.2	2.2	---	0.9	-0.3
12/19/2020 4:54 AM	0.2	2.1	---	0.9	-0.3
12/19/2020 5:00 AM	0.2	2.1	---	0.8	-0.3
12/19/2020 5:06 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:12 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:18 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:24 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:30 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:36 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 5:42 AM	0.2	2.0	---	0.8	-0.3
12/19/2020 5:48 AM	0.2	2.0	---	0.9	-0.3
12/19/2020 5:54 AM	0.2	2.0	---	0.9	-0.3
12/19/2020 6:00 AM	0.2	2.0	---	0.9	-0.3
12/19/2020 6:06 AM	0.2	2.0	---	0.9	-0.3
12/19/2020 6:12 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 6:18 AM	0.2	2.0	---	0.9	-0.2
12/19/2020 6:24 AM	0.2	1.9	---	0.9	-0.2
12/19/2020 6:30 AM	0.2	1.9	---	0.9	-0.2
12/19/2020 6:36 AM	0.2	1.9	---	0.9	-0.2
12/19/2020 6:42 AM	0.2	1.9	---	0.9	-0.3
12/19/2020 6:48 AM	0.2	1.9	---	1.0	-0.2
12/19/2020 6:54 AM	0.2	1.9	---	1.0	-0.2
12/19/2020 7:00 AM	0.2	1.8	---	0.9	-0.2
12/19/2020 7:06 AM	0.2	1.9	---	0.9	-0.2
12/19/2020 7:12 AM	0.2	1.9	---	0.8	-0.2
12/19/2020 7:18 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:24 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:30 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:36 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:42 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:48 AM	0.2	2.0	---	0.8	-0.2
12/19/2020 7:54 AM	0.2	1.9	---	0.8	-0.2
12/19/2020 8:00 AM	0.2	1.9	---	0.7	-0.2
12/19/2020 8:06 AM	0.2	1.8	---	0.7	-0.3
12/19/2020 8:12 AM	0.2	1.7	---	0.7	-0.2
12/19/2020 8:18 AM	0.2	1.8	---	0.7	-0.2
12/19/2020 8:24 AM	0.2	1.9	---	0.7	-0.2
12/19/2020 8:30 AM	0.2	2.0	---	0.7	-0.2
12/19/2020 8:36 AM	0.2	2.2	---	0.6	-0.2
12/19/2020 8:42 AM	0.2	2.3	---	0.7	-0.2
12/19/2020 8:48 AM	0.2	2.4	---	0.7	-0.2
12/19/2020 8:54 AM	0.2	2.5	---	0.7	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/19/2020 9:00 AM	0.2	2.5	---	0.7	-0.2
12/19/2020 9:06 AM	0.2	2.6	---	0.7	-0.2
12/19/2020 9:12 AM	0.2	2.6	---	0.8	-0.2
12/19/2020 9:18 AM	0.2	2.7	---	0.7	-0.2
12/19/2020 9:24 AM	0.2	2.7	---	0.7	-0.2
12/19/2020 9:30 AM	0.2	2.7	---	0.7	-0.2
12/19/2020 9:36 AM	0.2	2.7	---	0.7	-0.2
12/19/2020 9:42 AM	0.2	2.7	---	0.8	-0.2
12/19/2020 9:48 AM	0.2	2.7	---	0.8	-0.2
12/19/2020 9:54 AM	0.2	2.8	---	0.8	-0.2
12/19/2020 10:00 AM	0.2	2.8	---	0.7	-0.2
12/19/2020 10:06 AM	0.2	2.9	---	0.7	-0.2
12/19/2020 10:12 AM	0.2	3.0	---	0.7	-0.2
12/19/2020 10:18 AM	0.2	3.1	---	0.7	-0.2
12/19/2020 10:24 AM	0.2	3.1	---	0.7	-0.2
12/19/2020 10:30 AM	0.2	3.2	---	0.7	-0.2
12/19/2020 10:36 AM	0.2	3.2	---	0.7	-0.2
12/19/2020 10:42 AM	0.2	3.3	---	0.7	-0.2
12/19/2020 10:48 AM	0.2	3.3	---	0.7	-0.2
12/19/2020 10:54 AM	0.2	3.2	---	0.7	-0.2
12/19/2020 11:00 AM	0.2	2.7	---	0.8	-0.2
12/19/2020 11:06 AM	0.3	2.2	---	0.8	-0.2
12/19/2020 11:12 AM	0.3	1.8	---	0.8	-0.2
12/19/2020 11:18 AM	0.3	1.7	---	0.8	-0.2
12/19/2020 11:24 AM	0.4	1.7	---	0.8	-0.2
12/19/2020 11:30 AM	0.4	1.8	---	0.9	-0.2
12/19/2020 11:36 AM	0.4	1.9	---	0.9	-0.2
12/19/2020 11:42 AM	0.4	2.0	---	0.8	-0.2
12/19/2020 11:48 AM	0.4	2.2	---	0.9	-0.2
12/19/2020 11:54 AM	0.5	2.2	---	0.9	2.4
12/19/2020 12:00 PM	0.5	2.2	---	0.7	7.6
12/19/2020 12:06 PM	0.5	2.2	---	0.7	9.3
12/19/2020 12:12 PM	0.5	2.1	---	0.8	6.4
12/19/2020 12:18 PM	0.5	1.9	---	0.8	4.5
12/19/2020 12:24 PM	0.5	1.7	---	0.8	4.3
12/19/2020 12:30 PM	0.5	1.7	---	0.8	4.3
12/19/2020 12:36 PM	0.5	1.7	---	0.7	4.2
12/19/2020 12:42 PM	0.5	1.7	---	0.7	4.6
12/19/2020 12:48 PM	0.5	1.8	---	0.7	4.8
12/19/2020 12:54 PM	5.4	13.0	---	0.7	4.4
12/19/2020 1:00 PM	8.1	11.0	---	0.6	3.7
12/19/2020 1:06 PM	3.6	5.6	---	0.7	3.1
12/19/2020 1:12 PM	3.7	5.5	---	0.7	2.7
12/19/2020 1:18 PM	3.9	5.3	---	0.7	2.5
12/19/2020 1:24 PM	3.7	5.0	---	0.7	2.4
12/19/2020 1:30 PM	3.4	4.7	---	0.6	2.3
12/19/2020 1:36 PM	3.0	4.5	---	0.6	2.3
12/19/2020 1:42 PM	2.6	4.3	---	0.7	2.3
12/19/2020 1:48 PM	2.2	4.2	---	0.7	2.3
12/19/2020 1:54 PM	2.0	4.2	---	0.7	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/19/2020 2:00 PM	1.7	4.2	---	0.7	2.2
12/19/2020 2:06 PM	1.4	4.2	---	0.7	2.1
12/19/2020 2:12 PM	1.2	4.2	---	0.7	2.0
12/19/2020 2:18 PM	1.1	4.2	---	0.7	1.9
12/19/2020 2:24 PM	0.9	4.2	---	0.6	1.9
12/19/2020 2:30 PM	0.8	4.2	---	0.6	1.9
12/19/2020 2:36 PM	0.8	4.2	---	0.7	1.8
12/19/2020 2:42 PM	0.7	4.1	---	0.7	1.8
12/19/2020 2:48 PM	0.7	4.1	---	0.7	1.8
12/19/2020 2:54 PM	0.7	4.1	---	0.8	1.8
12/19/2020 3:00 PM	0.7	4.1	---	0.8	1.8
12/19/2020 3:06 PM	0.6	4.0	---	0.8	1.8
12/19/2020 3:12 PM	0.6	4.0	---	0.8	1.8
12/19/2020 3:18 PM	0.6	3.9	---	0.6	1.7
12/19/2020 3:24 PM	0.6	3.8	---	0.5	1.6
12/19/2020 3:30 PM	0.6	3.7	---	0.6	1.6
12/19/2020 3:36 PM	0.6	3.6	---	0.6	1.6
12/19/2020 3:42 PM	0.6	3.6	---	0.6	1.6
12/19/2020 3:48 PM	0.6	3.6	---	0.6	1.6
12/19/2020 3:54 PM	0.6	3.5	---	0.6	1.6
12/19/2020 4:00 PM	0.6	3.5	---	0.6	1.7
12/19/2020 4:06 PM	0.6	3.5	---	0.7	1.7
12/19/2020 4:12 PM	0.6	3.5	---	0.7	1.7
12/19/2020 4:18 PM	0.6	3.4	---	0.7	1.7
12/19/2020 4:24 PM	0.6	3.4	---	0.7	1.6
12/19/2020 4:30 PM	0.6	3.4	---	0.7	1.6
12/19/2020 4:36 PM	0.6	3.3	---	0.8	1.6
12/19/2020 4:42 PM	0.6	3.3	---	0.8	1.6
12/19/2020 4:48 PM	0.6	3.3	---	0.8	1.6
12/19/2020 4:54 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:00 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:06 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:12 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:18 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:24 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:30 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:36 PM	0.6	3.3	---	0.8	1.6
12/19/2020 5:42 PM	0.6	3.4	---	0.8	1.6
12/19/2020 5:48 PM	0.6	3.4	---	0.8	1.6
12/19/2020 5:54 PM	0.6	3.4	---	0.8	1.7
12/19/2020 6:00 PM	0.6	3.4	---	0.8	1.6
12/19/2020 6:06 PM	0.6	3.4	---	0.8	1.6
12/19/2020 6:12 PM	0.6	3.4	---	0.8	1.6
12/19/2020 6:18 PM	0.6	3.3	---	0.8	1.7
12/19/2020 6:24 PM	0.6	3.3	---	0.8	1.6
12/19/2020 6:30 PM	0.6	3.2	---	0.8	1.6
12/19/2020 6:36 PM	0.6	3.1	---	0.8	1.6
12/19/2020 6:42 PM	0.6	3.1	---	0.8	1.7
12/19/2020 6:48 PM	0.6	3.1	---	0.8	1.7
12/19/2020 6:54 PM	0.6	3.0	---	0.8	1.7

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/19/2020 7:00 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:06 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:12 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:18 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:24 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:30 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:36 PM	0.6	3.0	---	0.8	1.7
12/19/2020 7:42 PM	0.6	2.9	---	0.8	1.7
12/19/2020 7:48 PM	0.6	2.9	---	0.9	1.7
12/19/2020 7:54 PM	0.6	2.9	---	0.9	1.7
12/19/2020 8:00 PM	0.6	2.9	---	0.8	1.7
12/19/2020 8:06 PM	0.6	3.0	---	0.8	1.7
12/19/2020 8:12 PM	0.6	3.0	---	0.8	1.7
12/19/2020 8:18 PM	0.5	3.0	---	0.8	1.7
12/19/2020 8:24 PM	0.5	3.1	---	0.8	1.7
12/19/2020 8:30 PM	0.5	3.2	---	0.8	1.7
12/19/2020 8:36 PM	0.5	3.3	---	0.8	1.7
12/19/2020 8:42 PM	0.5	3.4	---	0.8	1.7
12/19/2020 8:48 PM	0.5	3.5	---	0.8	1.7
12/19/2020 8:54 PM	0.5	3.5	---	0.8	1.7
12/19/2020 9:00 PM	0.5	3.6	---	0.8	1.7
12/19/2020 9:06 PM	0.5	3.6	---	0.8	1.7
12/19/2020 9:12 PM	0.5	3.6	---	0.9	1.7
12/19/2020 9:18 PM	0.5	3.6	---	0.8	1.7
12/19/2020 9:24 PM	0.5	3.6	---	0.8	1.7
12/19/2020 9:30 PM	0.5	3.6	---	0.8	1.7
12/19/2020 9:36 PM	0.5	3.5	---	0.8	1.7
12/19/2020 9:42 PM	0.5	3.5	---	0.8	1.6
12/19/2020 9:48 PM	0.5	3.4	---	0.8	1.7
12/19/2020 9:54 PM	0.5	3.4	---	0.9	1.7
12/19/2020 10:00 PM	0.5	3.4	---	0.8	1.7
12/19/2020 10:06 PM	0.5	3.4	---	0.8	1.7
12/19/2020 10:12 PM	0.5	3.4	---	0.8	1.7
12/19/2020 10:18 PM	0.5	3.4	---	0.8	1.7
12/19/2020 10:24 PM	0.5	3.4	---	0.9	1.7
12/19/2020 10:30 PM	0.5	3.3	---	0.8	1.7
12/19/2020 10:36 PM	0.5	3.3	---	0.8	1.7
12/19/2020 10:42 PM	0.5	3.3	---	0.8	1.7
12/19/2020 10:48 PM	0.5	3.4	---	0.8	1.7
12/19/2020 10:54 PM	0.5	3.4	---	0.8	1.7
12/19/2020 11:00 PM	0.5	3.4	---	0.8	1.7
12/19/2020 11:06 PM	0.5	3.4	---	0.8	1.7
12/19/2020 11:12 PM	0.5	3.5	---	0.8	1.8
12/19/2020 11:18 PM	0.5	3.5	---	0.9	1.8
12/19/2020 11:24 PM	0.5	3.5	---	0.9	1.7
12/19/2020 11:30 PM	0.5	3.5	---	0.8	1.8
12/19/2020 11:36 PM	0.5	3.5	---	0.8	1.8
12/19/2020 11:42 PM	0.6	3.5	---	0.8	1.8
12/19/2020 11:48 PM	0.6	3.4	---	0.8	1.8
12/19/2020 11:54 PM	0.6	3.3	---	0.8	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/20/2020 12:00 AM	0.6	3.3	---	0.9	1.8
12/20/2020 12:06 AM	0.6	3.4	---	0.9	1.8
12/20/2020 12:12 AM	0.6	3.4	---	0.9	1.7
12/20/2020 12:18 AM	0.6	3.4	---	0.9	1.7
12/20/2020 12:24 AM	0.6	3.4	---	0.8	1.7
12/20/2020 12:30 AM	0.6	3.5	---	0.8	1.7
12/20/2020 12:36 AM	0.6	3.5	---	0.9	1.8
12/20/2020 12:42 AM	0.6	3.5	---	0.9	1.7
12/20/2020 12:48 AM	0.6	3.5	---	0.9	1.8
12/20/2020 12:54 AM	0.6	3.5	---	0.9	1.7
12/20/2020 1:00 AM	0.6	3.5	---	0.9	1.5
12/20/2020 1:06 AM	0.6	3.5	---	0.9	0.4
12/20/2020 1:12 AM	0.6	3.5	---	0.9	-0.2
12/20/2020 1:18 AM	0.6	3.4	---	0.9	-0.3
12/20/2020 1:24 AM	0.6	3.4	---	0.8	-0.3
12/20/2020 1:30 AM	0.6	3.4	---	0.9	-0.3
12/20/2020 1:36 AM	0.6	3.3	---	0.9	-0.3
12/20/2020 1:42 AM	0.6	3.3	---	0.9	-0.2
12/20/2020 1:48 AM	0.6	3.3	---	0.9	-0.3
12/20/2020 1:54 AM	0.6	3.2	---	0.9	-0.3
12/20/2020 2:00 AM	0.6	3.2	---	0.9	-0.3
12/20/2020 2:06 AM	0.6	3.2	---	0.9	-0.3
12/20/2020 2:12 AM	0.6	3.1	---	0.8	-0.3
12/20/2020 2:18 AM	0.6	3.1	---	0.8	-0.3
12/20/2020 2:24 AM	0.6	3.0	---	0.9	-0.3
12/20/2020 2:30 AM	0.6	3.0	---	0.9	-0.3
12/20/2020 2:36 AM	0.6	3.0	---	0.9	-0.3
12/20/2020 2:42 AM	0.6	3.0	---	0.9	-0.3
12/20/2020 2:48 AM	0.6	3.0	---	0.8	-0.3
12/20/2020 2:54 AM	0.6	2.9	---	0.8	-0.3
12/20/2020 3:00 AM	0.6	2.9	---	0.8	-0.3
12/20/2020 3:06 AM	0.6	2.9	---	0.8	-0.3
12/20/2020 3:12 AM	0.6	2.9	---	0.9	-0.3
12/20/2020 3:18 AM	0.6	2.9	---	0.9	-0.3
12/20/2020 3:24 AM	0.6	2.9	---	0.9	-0.3
12/20/2020 3:30 AM	0.6	2.9	---	0.9	-0.3
12/20/2020 3:36 AM	0.6	2.9	---	0.9	-0.3
12/20/2020 3:42 AM	0.6	2.8	---	0.9	-0.3
12/20/2020 3:48 AM	0.6	2.8	---	0.9	-0.3
12/20/2020 3:54 AM	0.6	2.7	---	0.9	-0.3
12/20/2020 4:00 AM	0.6	2.7	---	0.9	-0.3
12/20/2020 4:06 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:12 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:18 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:24 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:30 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:36 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:42 AM	0.6	2.6	---	0.9	-0.3
12/20/2020 4:48 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 4:54 AM	0.6	2.5	---	0.9	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/20/2020 5:00 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:06 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:12 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:18 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:24 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:30 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:36 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:42 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:48 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 5:54 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 6:00 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:06 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:12 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:18 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:24 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:30 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:36 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:42 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:48 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 6:54 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 7:00 AM	0.6	2.5	---	0.8	-0.3
12/20/2020 7:06 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:12 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:18 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:24 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:30 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:36 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:42 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 7:48 AM	0.6	2.3	---	0.7	-0.3
12/20/2020 7:54 AM	0.6	2.3	---	0.7	-0.3
12/20/2020 8:00 AM	0.6	2.3	---	0.7	-0.3
12/20/2020 8:06 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 8:12 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 8:18 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 8:24 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 8:30 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 8:36 AM	0.6	2.4	---	0.8	-0.2
12/20/2020 8:42 AM	0.6	2.4	---	0.7	-0.2
12/20/2020 8:48 AM	0.6	2.4	---	0.7	-0.3
12/20/2020 8:54 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 9:00 AM	0.6	2.4	---	0.8	-0.3
12/20/2020 9:06 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 9:12 AM	0.6	2.5	---	0.9	-0.3
12/20/2020 9:18 AM	0.6	2.5	---	0.7	-0.3
12/20/2020 9:24 AM	0.6	2.5	---	0.6	-0.3
12/20/2020 9:30 AM	0.6	2.5	---	0.6	-0.3
12/20/2020 9:36 AM	0.6	2.5	---	0.6	-0.3
12/20/2020 9:42 AM	0.6	2.5	---	0.6	-0.3
12/20/2020 9:48 AM	0.6	2.5	---	0.6	-0.3
12/20/2020 9:54 AM	0.6	2.5	---	0.6	-0.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/20/2020 10:00 AM	0.7	2.5	---	0.6	-0.3
12/20/2020 10:06 AM	0.7	2.6	---	0.6	-0.3
12/20/2020 10:12 AM	0.7	2.6	---	0.6	-0.3
12/20/2020 10:18 AM	0.7	2.6	---	0.6	-0.3
12/20/2020 10:24 AM	0.7	2.6	---	0.6	-0.3
12/20/2020 10:30 AM	0.7	2.6	---	0.7	-0.3
12/20/2020 10:36 AM	0.7	2.6	---	0.7	-0.3
12/20/2020 10:42 AM	0.7	2.7	---	0.6	-0.3
12/20/2020 10:48 AM	0.7	2.7	---	0.6	-0.3
12/20/2020 10:54 AM	0.7	2.7	---	0.6	-0.3
12/20/2020 11:00 AM	0.7	2.7	---	0.6	-0.3
12/20/2020 11:06 AM	0.7	2.7	---	0.7	-0.3
12/20/2020 11:12 AM	0.6	2.7	---	0.7	-0.3
12/20/2020 11:18 AM	0.6	2.8	---	0.7	-0.3
12/20/2020 11:24 AM	0.6	2.8	---	0.8	-0.3
12/20/2020 11:30 AM	0.6	2.8	---	1.0	-0.3
12/20/2020 11:36 AM	0.6	2.8	---	1.1	-0.3
12/20/2020 11:42 AM	0.6	2.8	---	1.0	-0.3
12/20/2020 11:48 AM	0.7	2.8	---	1.1	-0.3
12/20/2020 11:54 AM	0.7	2.9	---	1.1	-0.3
12/20/2020 12:00 PM	0.7	2.9	---	1.0	-0.3
12/20/2020 12:06 PM	0.7	2.8	---	1.0	-0.2
12/20/2020 12:12 PM	0.7	2.9	---	1.0	-0.2
12/20/2020 12:18 PM	0.7	2.9	---	0.9	-0.2
12/20/2020 12:24 PM	0.6	2.9	---	1.0	-0.2
12/20/2020 12:30 PM	0.6	2.9	---	0.9	-0.2
12/20/2020 12:36 PM	0.6	2.9	---	1.0	-0.2
12/20/2020 12:42 PM	0.6	2.9	---	1.0	-0.2
12/20/2020 12:48 PM	0.6	2.9	---	0.9	9.5
12/20/2020 12:54 PM	0.6	2.9	---	0.7	11.1
12/20/2020 1:00 PM	0.6	2.9	---	0.5	6.3
12/20/2020 1:06 PM	0.6	2.8	---	0.4	4.8
12/20/2020 1:12 PM	0.6	2.8	---	0.4	4.8
12/20/2020 1:18 PM	0.6	2.8	---	0.5	5.0
12/20/2020 1:24 PM	0.6	2.8	---	0.5	4.6
12/20/2020 1:30 PM	0.6	2.8	---	0.5	3.9
12/20/2020 1:36 PM	0.6	2.8	---	0.5	3.3
12/20/2020 1:42 PM	0.6	2.8	---	0.6	2.9
12/20/2020 1:48 PM	0.6	2.8	---	0.6	2.6
12/20/2020 1:54 PM	0.6	2.8	---	0.7	2.7
12/20/2020 2:00 PM	0.6	2.8	---	0.7	2.9
12/20/2020 2:06 PM	0.6	2.8	---	0.7	2.7
12/20/2020 2:12 PM	0.6	2.9	---	0.7	2.4
12/20/2020 2:18 PM	0.6	3.0	---	0.7	2.3
12/20/2020 2:24 PM	0.5	3.0	---	0.9	4.1
12/20/2020 2:30 PM	0.5	3.1	---	1.2	6.2
12/20/2020 2:36 PM	0.5	3.1	---	1.1	5.9
12/20/2020 2:42 PM	0.5	3.1	---	1.1	6.1
12/20/2020 2:48 PM	0.5	3.2	---	1.1	5.8
12/20/2020 2:54 PM	0.5	3.2	---	1.2	5.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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4th Quarter 2020

Start of Report:

10/1/2020

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End of Report:

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/20/2020 3:00 PM	0.5	3.3	---	1.1	5.2
12/20/2020 3:06 PM	0.6	3.3	---	1.1	5.0
12/20/2020 3:12 PM	0.6	3.3	---	1.0	4.8
12/20/2020 3:18 PM	0.6	3.3	---	1.1	4.7
12/20/2020 3:24 PM	0.6	3.3	---	1.1	4.7
12/20/2020 3:30 PM	0.6	3.3	---	1.1	4.6
12/20/2020 3:36 PM	0.6	3.3	---	1.0	4.6
12/20/2020 3:42 PM	0.6	3.3	---	1.0	4.5
12/20/2020 3:48 PM	0.6	3.3	---	1.0	4.5
12/20/2020 3:54 PM	0.6	3.4	---	1.1	4.7
12/20/2020 4:00 PM	0.7	3.4	---	1.0	4.8
12/20/2020 4:06 PM	0.7	3.4	---	1.0	4.7
12/20/2020 4:12 PM	0.7	3.4	---	1.0	4.6
12/20/2020 4:18 PM	0.7	3.4	---	0.9	3.4
12/20/2020 4:24 PM	0.7	3.5	---	0.7	2.2
12/20/2020 4:30 PM	0.7	3.5	---	0.7	2.1
12/20/2020 4:36 PM	0.7	3.5	---	0.7	2.1
12/20/2020 4:42 PM	0.7	3.5	---	0.7	2.2
12/20/2020 4:48 PM	0.7	3.6	---	0.7	2.1
12/20/2020 4:54 PM	0.7	3.6	---	0.7	2.1
12/20/2020 5:00 PM	0.7	3.6	---	0.6	2.1
12/20/2020 5:06 PM	0.7	3.6	---	0.6	1.8
12/20/2020 5:12 PM	0.7	3.7	---	0.6	1.4
12/20/2020 5:18 PM	0.7	3.7	---	0.6	1.5
12/20/2020 5:24 PM	0.7	3.7	---	0.7	1.5
12/20/2020 5:30 PM	0.7	3.7	---	0.7	1.6
12/20/2020 5:36 PM	0.7	3.7	---	0.7	1.6
12/20/2020 5:42 PM	0.7	3.7	---	0.7	1.7
12/20/2020 5:48 PM	0.7	3.7	---	0.7	1.7
12/20/2020 5:54 PM	0.8	3.7	---	0.7	1.7
12/20/2020 6:00 PM	0.8	3.7	---	0.7	1.7
12/20/2020 6:06 PM	0.8	3.7	---	0.7	1.7
12/20/2020 6:12 PM	0.8	3.7	---	0.7	1.7
12/20/2020 6:18 PM	0.8	3.7	---	0.7	1.7
12/20/2020 6:24 PM	0.8	3.7	---	0.7	1.8
12/20/2020 6:30 PM	0.8	3.6	---	0.7	1.8
12/20/2020 6:36 PM	0.8	3.6	---	0.7	1.8
12/20/2020 6:42 PM	0.8	3.6	---	0.7	1.8
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12/20/2020 6:54 PM	0.8	3.6	---	0.8	1.8
12/20/2020 7:00 PM	0.8	3.5	---	0.7	1.8
12/20/2020 7:06 PM	0.8	3.4	---	0.7	1.8
12/20/2020 7:12 PM	0.8	3.4	---	0.7	1.8
12/20/2020 7:18 PM	0.8	3.4	---	0.8	1.8
12/20/2020 7:24 PM	0.8	3.3	---	0.8	1.8
12/20/2020 7:30 PM	0.8	3.3	---	0.8	1.8
12/20/2020 7:36 PM	0.8	3.2	---	0.8	1.8
12/20/2020 7:42 PM	0.8	3.2	---	0.8	1.8
12/20/2020 7:48 PM	0.8	3.2	---	0.8	1.8
12/20/2020 7:54 PM	0.8	3.2	---	0.8	1.8

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/20/2020 8:00 PM	0.8	3.2	---	0.8	1.9
12/20/2020 8:06 PM	0.8	3.2	---	0.8	1.9
12/20/2020 8:12 PM	0.8	3.2	---	0.8	1.8
12/20/2020 8:18 PM	0.7	3.2	---	0.8	1.8
12/20/2020 8:24 PM	0.7	3.2	---	0.8	1.8
12/20/2020 8:30 PM	0.7	3.2	---	0.8	1.8
12/20/2020 8:36 PM	0.7	3.1	---	0.8	1.8
12/20/2020 8:42 PM	0.7	3.1	---	0.8	1.8
12/20/2020 8:48 PM	0.7	3.1	---	0.8	1.8
12/20/2020 8:54 PM	0.7	3.1	---	0.8	1.9
12/20/2020 9:00 PM	0.7	3.1	---	0.8	1.9
12/20/2020 9:06 PM	0.7	3.1	---	0.8	1.8
12/20/2020 9:12 PM	0.7	3.1	---	0.8	1.8
12/20/2020 9:18 PM	0.7	3.1	---	0.8	1.9
12/20/2020 9:24 PM	0.7	3.1	---	0.8	1.8
12/20/2020 9:30 PM	0.7	3.1	---	0.8	1.8
12/20/2020 9:36 PM	0.7	3.1	---	0.8	1.9
12/20/2020 9:42 PM	0.7	3.1	---	0.8	1.8
12/20/2020 9:48 PM	0.7	3.1	---	0.8	1.8
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12/20/2020 10:00 PM	0.7	3.0	---	0.8	1.8
12/20/2020 10:06 PM	0.7	3.0	---	0.8	1.8
12/20/2020 10:12 PM	0.7	3.0	---	0.8	1.8
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12/20/2020 10:24 PM	0.7	3.1	---	0.8	1.8
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12/20/2020 10:36 PM	0.7	3.1	---	0.8	1.8
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12/20/2020 10:54 PM	0.7	3.1	---	0.8	1.8
12/20/2020 11:00 PM	0.7	3.1	---	0.8	1.8
12/20/2020 11:06 PM	0.7	3.1	---	0.8	1.8
12/20/2020 11:12 PM	0.7	3.0	---	0.8	1.8
12/20/2020 11:18 PM	0.7	3.0	---	0.8	1.8
12/20/2020 11:24 PM	0.7	3.0	---	0.8	1.8
12/20/2020 11:30 PM	0.7	3.1	---	0.8	1.9
12/20/2020 11:36 PM	0.7	3.0	---	0.8	1.9
12/20/2020 11:42 PM	0.8	3.0	---	0.8	1.9
12/20/2020 11:48 PM	0.8	3.0	---	0.8	1.8
12/20/2020 11:54 PM	0.8	2.9	---	0.8	1.8
12/21/2020 12:00 AM	0.8	2.9	---	0.8	1.8
12/21/2020 12:06 AM	0.8	2.9	---	0.8	1.8
12/21/2020 12:12 AM	0.8	2.9	---	0.7	1.8
12/21/2020 12:18 AM	0.8	2.9	---	0.7	1.9
12/21/2020 12:24 AM	0.8	2.8	---	0.8	1.8
12/21/2020 12:30 AM	0.8	2.8	---	0.8	1.8
12/21/2020 12:36 AM	0.8	2.8	---	0.8	1.9
12/21/2020 12:42 AM	0.8	2.8	---	0.8	1.9
12/21/2020 12:48 AM	0.8	2.7	---	0.8	1.9
12/21/2020 12:54 AM	0.8	2.8	---	0.8	1.9

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Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/21/2020 1:00 AM	0.8	2.8	---	0.8	1.9
12/21/2020 1:06 AM	0.8	2.8	---	0.8	1.9
12/21/2020 1:12 AM	0.8	2.8	---	0.7	1.9
12/21/2020 1:18 AM	0.8	2.8	---	0.8	1.8
12/21/2020 1:24 AM	0.8	2.8	---	0.8	1.8
12/21/2020 1:30 AM	0.8	2.8	---	0.8	1.8
12/21/2020 1:36 AM	0.8	2.8	---	0.8	1.9
12/21/2020 1:42 AM	0.8	2.9	---	0.8	1.9
12/21/2020 1:48 AM	0.8	2.9	---	0.8	1.9
12/21/2020 1:54 AM	0.8	2.9	---	0.8	1.9
12/21/2020 2:00 AM	0.8	2.9	---	0.8	1.9
12/21/2020 2:06 AM	0.8	2.9	---	0.8	1.9
12/21/2020 2:12 AM	0.8	2.9	---	0.8	1.9
12/21/2020 2:18 AM	0.8	2.9	---	0.8	1.9
12/21/2020 2:24 AM	0.8	2.8	---	0.8	1.9
12/21/2020 2:30 AM	0.8	2.8	---	0.8	1.9
12/21/2020 2:36 AM	0.8	2.8	---	0.8	1.9
12/21/2020 2:42 AM	0.8	2.7	---	0.8	1.9
12/21/2020 2:48 AM	0.8	2.7	---	0.8	1.9
12/21/2020 2:54 AM	0.8	2.8	---	0.8	1.9
12/21/2020 3:00 AM	0.8	2.8	---	0.8	1.9
12/21/2020 3:06 AM	0.8	2.8	---	0.8	1.9
12/21/2020 3:12 AM	0.8	2.8	---	0.8	1.9
12/21/2020 3:18 AM	0.8	2.8	---	0.7	1.9
12/21/2020 3:24 AM	0.8	2.8	---	0.8	1.9
12/21/2020 3:30 AM	0.8	2.8	---	0.8	2.0
12/21/2020 3:36 AM	0.8	2.8	---	0.7	2.0
12/21/2020 3:42 AM	0.8	2.8	---	0.8	2.0
12/21/2020 3:48 AM	0.8	2.8	---	0.8	2.0
12/21/2020 3:54 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:00 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:06 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:12 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:18 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:24 AM	0.8	2.7	---	0.8	1.9
12/21/2020 4:30 AM	0.8	2.7	---	0.8	1.9
12/21/2020 4:36 AM	0.8	2.7	---	0.8	1.9
12/21/2020 4:42 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:48 AM	0.8	2.7	---	0.8	2.0
12/21/2020 4:54 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:00 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:06 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:12 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:18 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:24 AM	0.8	2.7	---	0.6	2.0
12/21/2020 5:30 AM	0.7	2.7	---	0.6	2.0
12/21/2020 5:36 AM	0.8	2.7	---	0.7	2.0
12/21/2020 5:42 AM	0.8	2.7	---	0.7	2.0
12/21/2020 5:48 AM	0.8	2.7	---	0.7	2.0
12/21/2020 5:54 AM	0.8	2.7	---	0.7	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/21/2020 6:00 AM	0.8	2.7	---	0.7	2.0
12/21/2020 6:06 AM	0.8	2.6	---	0.7	2.0
12/21/2020 6:12 AM	0.8	2.6	---	0.6	2.0
12/21/2020 6:18 AM	0.7	2.6	---	0.4	2.0
12/21/2020 6:24 AM	0.7	2.6	---	0.4	2.0
12/21/2020 6:30 AM	0.7	2.6	---	0.5	2.0
12/21/2020 6:36 AM	0.8	2.6	---	0.5	2.0
12/21/2020 6:42 AM	0.8	2.6	---	0.5	2.0
12/21/2020 6:48 AM	0.8	2.6	---	0.5	2.0
12/21/2020 6:54 AM	0.8	2.6	---	0.5	2.0
12/21/2020 7:00 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:06 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:12 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:18 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:24 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:30 AM	0.8	2.6	---	0.6	1.9
12/21/2020 7:36 AM	0.8	2.6	---	0.6	2.0
12/21/2020 7:42 AM	0.8	2.6	---	0.6	2.0
12/21/2020 7:48 AM	0.8	2.6	---	0.8	2.1
12/21/2020 7:54 AM	0.8	2.6	---	0.8	2.2
12/21/2020 8:00 AM	0.8	2.6	---	0.8	2.1
12/21/2020 8:06 AM	0.8	2.7	---	0.8	2.0
12/21/2020 8:12 AM	0.8	2.7	---	0.8	2.0
12/21/2020 8:18 AM	0.8	2.7	---	0.8	2.0
12/21/2020 8:24 AM	0.7	2.8	---	0.8	2.0
12/21/2020 8:30 AM	0.8	2.8	---	0.9	2.0
12/21/2020 8:36 AM	0.8	2.9	---	0.8	2.0
12/21/2020 8:42 AM	0.8	2.9	---	0.8	1.9
12/21/2020 8:48 AM	0.8	3.0	---	0.8	1.9
12/21/2020 8:54 AM	0.8	3.0	---	0.8	1.8
12/21/2020 9:00 AM	0.8	3.0	---	0.8	1.9
12/21/2020 9:06 AM	0.8	2.9	---	0.8	2.0
12/21/2020 9:12 AM	0.7	2.9	---	0.7	1.9
12/21/2020 9:18 AM	0.7	2.9	---	0.7	1.9
12/21/2020 9:24 AM	0.7	2.9	---	0.8	1.9
12/21/2020 9:30 AM	0.7	2.9	---	0.8	1.9
12/21/2020 9:36 AM	0.8	2.9	---	0.8	1.9
12/21/2020 9:42 AM	0.8	2.9	---	0.8	1.9
12/21/2020 9:48 AM	0.8	2.9	---	0.8	1.9
12/21/2020 9:54 AM	0.8	2.9	---	0.7	1.8
12/21/2020 10:00 AM	0.8	2.9	---	0.7	1.9
12/21/2020 10:06 AM	0.8	3.0	---	0.7	1.8
12/21/2020 10:12 AM	0.8	3.0	---	0.7	2.0
12/21/2020 10:18 AM	0.8	3.1	---	0.7	2.2
12/21/2020 10:24 AM	0.8	3.1	---	0.7	2.1
12/21/2020 10:30 AM	0.8	3.1	---	0.7	2.1
12/21/2020 10:36 AM	0.8	3.1	---	0.7	2.0
12/21/2020 10:42 AM	0.8	3.2	---	0.7	2.1
12/21/2020 10:48 AM	0.8	3.2	---	0.7	2.2
12/21/2020 10:54 AM	0.8	3.3	---	0.7	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/21/2020 11:00 AM	0.8	3.3	---	0.7	2.2
12/21/2020 11:06 AM	0.8	3.4	---	0.7	2.2
12/21/2020 11:12 AM	0.8	3.4	---	0.7	2.1
12/21/2020 11:18 AM	0.8	3.4	---	0.7	2.0
12/21/2020 11:24 AM	0.8	3.4	---	0.7	2.0
12/21/2020 11:30 AM	0.8	3.4	---	0.7	2.0
12/21/2020 11:36 AM	0.8	3.4	---	0.7	2.0
12/21/2020 11:42 AM	0.8	3.4	---	0.7	2.1
12/21/2020 11:48 AM	0.8	3.4	---	0.7	2.1
12/21/2020 11:54 AM	0.8	3.4	---	0.7	2.0
12/21/2020 12:00 PM	0.6	3.3	---	0.7	2.0
12/21/2020 12:06 PM	0.1	3.1	---	0.6	2.5
12/21/2020 12:12 PM	0.1	2.8	---	0.6	2.7
12/21/2020 12:18 PM	0.1	2.3	---	0.5	2.5
12/21/2020 12:24 PM	0.1	1.7	---	0.5	2.5
12/21/2020 12:30 PM	0.1	1.2	---	0.5	2.7
12/21/2020 12:36 PM	0.2	1.0	---	0.5	2.6
12/21/2020 12:42 PM	0.2	0.9	---	0.5	2.6
12/21/2020 12:48 PM	0.2	0.9	---	0.5	2.6
12/21/2020 12:54 PM	0.2	0.9	---	0.5	2.6
12/21/2020 1:00 PM	0.2	0.8	---	0.5	2.6
12/21/2020 1:06 PM	0.2	0.8	---	0.5	2.6
12/21/2020 1:12 PM	0.2	0.8	---	0.5	2.6
12/21/2020 1:18 PM	0.2	0.9	---	0.5	2.6
12/21/2020 1:24 PM	0.2	1.0	---	0.5	2.5
12/21/2020 1:30 PM	0.2	1.2	---	0.5	2.4
12/21/2020 1:36 PM	0.2	1.3	---	0.5	2.3
12/21/2020 1:42 PM	0.2	1.4	---	0.5	2.3
12/21/2020 1:48 PM	0.2	1.5	---	0.5	2.3
12/21/2020 1:54 PM	0.3	1.6	---	0.5	2.4
12/21/2020 2:00 PM	0.3	1.5	---	0.5	2.4
12/21/2020 2:06 PM	0.3	1.4	---	0.5	2.3
12/21/2020 2:12 PM	0.3	1.4	---	0.4	2.3
12/21/2020 2:18 PM	0.3	1.4	---	0.5	2.4
12/21/2020 2:24 PM	0.3	1.4	---	0.5	2.3
12/21/2020 2:30 PM	0.3	1.3	---	0.5	2.4
12/21/2020 2:36 PM	0.4	1.3	---	0.6	3.0
12/21/2020 2:42 PM	0.4	1.3	---	0.6	3.2
12/21/2020 2:48 PM	0.4	1.3	---	0.5	3.1
12/21/2020 2:54 PM	0.4	1.3	---	0.5	3.1
12/21/2020 3:00 PM	0.4	1.5	---	0.6	3.0
12/21/2020 3:06 PM	0.4	1.7	---	0.5	3.0
12/21/2020 3:12 PM	0.4	2.0	---	0.5	3.0
12/21/2020 3:18 PM	0.4	2.2	---	0.6	3.0
12/21/2020 3:24 PM	0.4	2.5	---	0.6	3.1
12/21/2020 3:30 PM	0.4	2.7	---	0.6	3.1
12/21/2020 3:36 PM	0.4	3.0	---	0.6	3.2
12/21/2020 3:42 PM	0.4	3.1	---	0.6	3.1
12/21/2020 3:48 PM	0.4	3.3	---	0.6	3.1
12/21/2020 3:54 PM	7.9	3.3	---	0.6	3.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/21/2020 4:00 PM	10.6	3.4	---	0.5	3.2
12/21/2020 4:06 PM	6.3	3.5	---	0.6	3.1
12/21/2020 4:12 PM	7.0	3.5	---	0.6	3.0
12/21/2020 4:18 PM	3.7	3.6	---	0.6	2.9
12/21/2020 4:24 PM	2.4	3.6	---	0.6	2.9
12/21/2020 4:30 PM	1.8	3.6	---	0.6	2.9
12/21/2020 4:36 PM	4.7	3.7	---	0.6	2.8
12/21/2020 4:42 PM	3.9	3.7	---	0.6	2.3
12/21/2020 4:48 PM	2.6	3.6	---	0.7	1.6
12/21/2020 4:54 PM	3.1	3.6	---	0.7	1.5
12/21/2020 5:00 PM	2.9	3.6	---	0.7	1.5
12/21/2020 5:06 PM	2.4	3.6	---	0.7	1.6
12/21/2020 5:12 PM	2.0	3.6	---	0.7	1.6
12/21/2020 5:18 PM	1.7	3.6	---	0.7	1.6
12/21/2020 5:24 PM	1.5	3.6	---	0.7	1.6
12/21/2020 5:30 PM	1.2	3.6	---	0.7	1.6
12/21/2020 5:36 PM	1.1	3.6	---	0.8	1.6
12/21/2020 5:42 PM	1.0	3.6	---	0.7	1.7
12/21/2020 5:48 PM	1.0	3.5	---	0.7	1.7
12/21/2020 5:54 PM	0.9	3.5	---	0.7	1.7
12/21/2020 6:00 PM	0.8	3.4	---	0.7	1.7
12/21/2020 6:06 PM	0.8	3.4	---	0.7	1.7
12/21/2020 6:12 PM	0.8	3.3	---	0.7	1.7
12/21/2020 6:18 PM	0.7	3.3	---	0.8	1.7
12/21/2020 6:24 PM	0.7	3.3	---	0.8	1.9
12/21/2020 6:30 PM	0.7	3.2	---	0.7	2.0
12/21/2020 6:36 PM	0.6	3.2	---	0.6	2.0
12/21/2020 6:42 PM	0.6	3.2	---	0.6	1.9
12/21/2020 6:48 PM	0.6	3.2	---	0.6	1.9
12/21/2020 6:54 PM	0.6	3.2	---	0.5	1.9
12/21/2020 7:00 PM	0.6	3.2	---	0.5	1.9
12/21/2020 7:06 PM	0.6	3.2	---	0.5	1.9
12/21/2020 7:12 PM	0.6	3.1	---	0.5	1.9
12/21/2020 7:18 PM	0.6	3.1	---	0.5	1.9
12/21/2020 7:24 PM	0.6	3.1	---	0.5	1.9
12/21/2020 7:30 PM	0.5	3.1	---	0.6	1.9
12/21/2020 7:36 PM	0.5	3.0	---	0.5	1.9
12/21/2020 7:42 PM	0.5	3.0	---	0.5	1.9
12/21/2020 7:48 PM	0.5	3.0	---	0.5	1.9
12/21/2020 7:54 PM	0.5	3.1	---	0.5	1.9
12/21/2020 8:00 PM	0.5	3.1	---	0.5	1.9
12/21/2020 8:06 PM	0.5	3.1	---	0.3	1.5
12/21/2020 8:12 PM	0.5	3.2	---	0.4	1.0
12/21/2020 8:18 PM	0.5	3.2	---	0.4	1.1
12/21/2020 8:24 PM	0.5	3.2	---	0.3	1.4
12/21/2020 8:30 PM	0.5	3.2	---	0.3	1.4
12/21/2020 8:36 PM	0.5	3.2	---	0.9	3.4
12/21/2020 8:42 PM	0.5	3.2	---	2.2	6.4
12/21/2020 8:48 PM	0.5	3.2	---	2.4	7.0
12/21/2020 8:54 PM	0.5	3.2	---	1.9	6.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/21/2020 9:00 PM	0.4	3.2	---	1.7	6.9
12/21/2020 9:06 PM	0.4	3.2	---	1.6	6.9
12/21/2020 9:12 PM	0.5	3.2	---	1.6	6.6
12/21/2020 9:18 PM	0.5	3.3	---	1.7	6.1
12/21/2020 9:24 PM	0.5	3.3	---	1.5	4.7
12/21/2020 9:30 PM	0.5	3.3	---	0.8	2.0
12/21/2020 9:36 PM	0.4	3.4	---	0.5	1.5
12/21/2020 9:42 PM	0.5	3.4	---	0.6	1.5
12/21/2020 9:48 PM	0.5	3.5	---	0.6	1.6
12/21/2020 9:54 PM	0.5	3.5	---	0.6	1.6
12/21/2020 10:00 PM	0.5	3.5	---	0.6	1.7
12/21/2020 10:06 PM	0.5	3.5	---	0.7	1.7
12/21/2020 10:12 PM	0.5	3.4	---	0.7	1.7
12/21/2020 10:18 PM	0.5	3.4	---	0.7	1.7
12/21/2020 10:24 PM	0.5	3.4	---	0.6	1.6
12/21/2020 10:30 PM	0.5	3.4	---	0.5	1.4
12/21/2020 10:36 PM	0.5	3.4	---	0.5	1.5
12/21/2020 10:42 PM	0.5	3.4	---	0.5	1.5
12/21/2020 10:48 PM	0.4	3.4	---	0.5	1.6
12/21/2020 10:54 PM	0.4	3.4	---	0.6	1.6
12/21/2020 11:00 PM	0.4	3.4	---	0.6	1.6
12/21/2020 11:06 PM	0.4	3.4	---	0.6	1.6
12/21/2020 11:12 PM	0.4	3.4	---	0.6	1.7
12/21/2020 11:18 PM	0.4	3.4	---	0.6	1.7
12/21/2020 11:24 PM	0.4	3.4	---	0.6	1.6
12/21/2020 11:30 PM	0.4	3.4	---	0.6	1.6
12/21/2020 11:36 PM	0.4	3.3	---	0.7	1.6
12/21/2020 11:42 PM	0.4	3.3	---	0.6	1.7
12/21/2020 11:48 PM	0.4	3.3	---	0.7	1.6
12/21/2020 11:54 PM	0.3	3.3	---	0.7	1.7
12/22/2020 12:00 AM	0.3	3.3	---	0.6	1.7
12/22/2020 12:06 AM	0.3	3.3	---	0.7	1.7
12/22/2020 12:12 AM	0.3	3.3	---	0.7	1.7
12/22/2020 12:18 AM	0.3	3.3	---	0.7	1.7
12/22/2020 12:24 AM	0.3	3.3	---	0.7	1.7
12/22/2020 12:30 AM	0.3	3.2	---	0.6	1.7
12/22/2020 12:36 AM	0.3	3.2	---	0.6	1.7
12/22/2020 12:42 AM	0.3	3.1	---	0.7	1.7
12/22/2020 12:48 AM	0.3	3.1	---	0.7	1.7
12/22/2020 12:54 AM	0.3	3.0	---	0.6	1.7
12/22/2020 1:00 AM	0.3	3.0	---	0.7	1.3
12/22/2020 1:06 AM	0.3	3.0	---	0.8	0.3
12/22/2020 1:12 AM	0.3	3.0	---	0.7	-0.2
12/22/2020 1:18 AM	0.3	3.0	---	0.7	-0.2
12/22/2020 1:24 AM	0.3	3.0	---	0.8	-0.2
12/22/2020 1:30 AM	0.3	3.0	---	0.8	-0.2
12/22/2020 1:36 AM	0.3	3.0	---	0.8	-0.2
12/22/2020 1:42 AM	0.3	3.0	---	0.7	-0.2
12/22/2020 1:48 AM	0.3	3.0	---	0.7	-0.2
12/22/2020 1:54 AM	0.2	2.9	---	0.7	-0.2

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New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

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4th Quarter 2020

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10/1/2020

0:00

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23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/22/2020 2:00 AM	0.2	2.9	---	0.7	-0.2
12/22/2020 2:06 AM	0.2	2.9	---	0.8	-0.2
12/22/2020 2:12 AM	0.3	2.9	---	0.8	-0.2
12/22/2020 2:18 AM	0.3	2.9	---	0.8	-0.2
12/22/2020 2:24 AM	0.3	3.0	---	0.8	-0.2
12/22/2020 2:30 AM	0.3	3.0	---	0.8	-0.2
12/22/2020 2:36 AM	0.3	2.9	---	0.8	-0.2
12/22/2020 2:42 AM	0.2	2.9	---	0.8	-0.2
12/22/2020 2:48 AM	0.2	2.9	---	0.8	-0.2
12/22/2020 2:54 AM	0.3	2.9	---	0.7	-0.2
12/22/2020 3:00 AM	0.3	2.8	---	0.7	-0.2
12/22/2020 3:06 AM	0.2	2.8	---	0.7	-0.2
12/22/2020 3:12 AM	0.2	2.7	---	0.7	-0.2
12/22/2020 3:18 AM	0.2	2.7	---	0.7	-0.3
12/22/2020 3:24 AM	0.2	2.7	---	1.1	-0.3
12/22/2020 3:30 AM	0.2	2.6	---	1.6	-0.3
12/22/2020 3:36 AM	0.2	2.6	---	1.5	-0.3
12/22/2020 3:42 AM	0.2	2.6	---	1.4	-0.3
12/22/2020 3:48 AM	0.2	2.6	---	1.4	-0.3
12/22/2020 3:54 AM	0.2	2.6	---	1.4	-0.3
12/22/2020 4:00 AM	0.2	2.5	---	1.5	-0.2
12/22/2020 4:06 AM	0.2	2.5	---	1.5	-0.2
12/22/2020 4:12 AM	0.2	2.5	---	1.4	-0.2
12/22/2020 4:18 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 4:24 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 4:30 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 4:36 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 4:42 AM	0.2	2.4	---	1.3	-0.2
12/22/2020 4:48 AM	0.2	2.4	---	1.3	-0.2
12/22/2020 4:54 AM	0.2	2.4	---	1.3	-0.2
12/22/2020 5:00 AM	0.2	2.4	---	1.4	-0.3
12/22/2020 5:06 AM	0.2	2.4	---	1.4	-0.3
12/22/2020 5:12 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 5:18 AM	0.2	2.4	---	1.4	-0.2
12/22/2020 5:24 AM	0.2	2.4	---	1.1	-0.2
12/22/2020 5:30 AM	0.2	2.4	---	0.7	-0.2
12/22/2020 5:36 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 5:42 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 5:48 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 5:54 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:00 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:06 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:12 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:18 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:24 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 6:30 AM	0.2	2.3	---	0.8	-0.3
12/22/2020 6:36 AM	0.2	2.3	---	0.7	-0.2
12/22/2020 6:42 AM	0.2	2.3	---	0.8	-0.2
12/22/2020 6:48 AM	0.2	2.2	---	0.9	-0.2
12/22/2020 6:54 AM	0.2	2.2	---	0.8	-0.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/22/2020 7:00 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:06 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:12 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:18 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:24 AM	0.2	2.0	---	0.9	-0.2
12/22/2020 7:30 AM	0.2	2.0	---	0.9	-0.2
12/22/2020 7:36 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:42 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:48 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 7:54 AM	0.2	2.1	---	0.9	-0.2
12/22/2020 8:00 AM	0.2	2.2	---	0.9	-0.2
12/22/2020 8:06 AM	0.2	2.2	---	0.9	-0.2
12/22/2020 8:12 AM	0.2	2.2	---	0.9	-0.2
12/22/2020 8:18 AM	0.2	2.3	---	0.8	-0.2
12/22/2020 8:24 AM	0.2	2.3	---	0.8	-0.2
12/22/2020 8:30 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 8:36 AM	0.2	2.4	---	0.8	-0.2
12/22/2020 8:42 AM	0.2	2.5	---	0.8	-0.2
12/22/2020 8:48 AM	0.2	2.5	---	0.8	-0.3
12/22/2020 8:54 AM	0.2	2.5	---	0.8	-0.2
12/22/2020 9:00 AM	0.2	2.5	---	0.8	4.7
12/22/2020 9:06 AM	0.2	2.6	---	0.8	7.8
12/22/2020 9:12 AM	0.2	2.6	---	0.8	5.4
12/22/2020 9:18 AM	0.2	2.6	---	0.9	5.1
12/22/2020 9:24 AM	0.2	2.6	---	0.9	4.8
12/22/2020 9:30 AM	0.2	2.5	---	0.9	4.2
12/22/2020 9:36 AM	0.2	2.5	---	0.8	3.4
12/22/2020 9:42 AM	0.1	2.5	---	0.8	2.9
12/22/2020 9:48 AM	0.1	2.5	---	0.8	2.6
12/22/2020 9:54 AM	0.1	2.4	---	0.8	2.3
12/22/2020 10:00 AM	0.1	2.4	---	0.9	2.2
12/22/2020 10:06 AM	0.2	2.4	---	0.9	2.2
12/22/2020 10:12 AM	0.2	2.4	---	0.9	2.2
12/22/2020 10:18 AM	0.2	2.3	---	0.9	2.3
12/22/2020 10:24 AM	0.2	2.3	---	0.9	2.2
12/22/2020 10:30 AM	0.2	2.3	---	0.9	2.1
12/22/2020 10:36 AM	0.2	2.3	---	0.9	2.0
12/22/2020 10:42 AM	0.2	2.2	---	0.9	1.9
12/22/2020 10:48 AM	0.1	2.2	---	0.9	1.9
12/22/2020 10:54 AM	0.1	2.0	---	0.9	1.9
12/22/2020 11:00 AM	0.1	1.7	---	0.8	2.0
12/22/2020 11:06 AM	0.1	1.4	---	0.8	1.9
12/22/2020 11:12 AM	0.1	1.4	---	0.8	1.9
12/22/2020 11:18 AM	0.2	11.0	---	0.8	1.9
12/22/2020 11:24 AM	0.2	Audit	---	0.8	2.0
12/22/2020 11:30 AM	0.2	Audit	---	0.8	2.0
12/22/2020 11:36 AM	0.2	Audit	---	0.8	2.0
12/22/2020 11:42 AM	0.3	Audit	---	0.8	2.0
12/22/2020 11:48 AM	0.2	Audit	---	0.8	2.0
12/22/2020 11:54 AM	0.2	Audit	---	0.8	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/22/2020 12:00 PM	0.2	Audit	---	0.8	1.9
12/22/2020 12:06 PM	0.2	Audit	---	0.8	1.9
12/22/2020 12:12 PM	0.2	Audit	---	0.8	1.8
12/22/2020 12:18 PM	0.2	Audit	---	0.8	1.9
12/22/2020 12:24 PM	0.2	1.2	---	0.8	Audit
12/22/2020 12:30 PM	0.2	1.3	---	0.8	Audit
12/22/2020 12:36 PM	0.1	1.5	---	0.8	Audit
12/22/2020 12:42 PM	0.1	1.7	---	0.8	Audit
12/22/2020 12:48 PM	0.1	1.7	---	0.8	Audit
12/22/2020 12:54 PM	0.2	1.8	---	0.8	Audit
12/22/2020 1:00 PM	0.2	1.9	---	0.8	Audit
12/22/2020 1:06 PM	0.2	1.9	---	0.8	Audit
12/22/2020 1:12 PM	0.2	1.9	---	0.8	1.9
12/22/2020 1:18 PM	0.2	1.9	---	Audit	1.8
12/22/2020 1:24 PM	0.2	1.9	---	Audit	1.8
12/22/2020 1:30 PM	0.2	1.8	---	Audit	1.8
12/22/2020 1:36 PM	0.2	1.8	---	Audit	1.8
12/22/2020 1:42 PM	0.2	1.9	---	Audit	1.8
12/22/2020 1:48 PM	0.2	1.9	---	Audit	1.9
12/22/2020 1:54 PM	0.2	1.9	---	Audit	1.8
12/22/2020 2:00 PM	0.2	1.9	---	Audit	1.9
12/22/2020 2:06 PM	Audit	1.9	---	0.8	1.9
12/22/2020 2:12 PM	Audit	1.9	---	0.8	1.9
12/22/2020 2:18 PM	Audit	1.9	---	0.8	1.9
12/22/2020 2:24 PM	Audit	1.9	---	0.8	1.8
12/22/2020 2:30 PM	Audit	1.9	---	0.8	1.8
12/22/2020 2:36 PM	Audit	1.9	---	0.8	1.8
12/22/2020 2:42 PM	Audit	1.9	---	0.8	1.8
12/22/2020 2:48 PM	Audit	2.0	---	0.8	1.8
12/22/2020 2:54 PM	4.9	2.0	---	0.8	1.8
12/22/2020 3:00 PM	5.0	2.0	---	0.7	1.8
12/22/2020 3:06 PM	5.1	2.0	---	0.7	1.8
12/22/2020 3:12 PM	5.1	2.0	---	0.7	1.8
12/22/2020 3:18 PM	5.2	2.0	---	0.7	1.8
12/22/2020 3:24 PM	5.2	2.0	---	0.8	1.8
12/22/2020 3:30 PM	5.3	2.0	---	0.8	1.8
12/22/2020 3:36 PM	5.3	2.0	---	0.8	1.8
12/22/2020 3:42 PM	5.4	2.0	---	0.8	1.8
12/22/2020 3:48 PM	5.4	2.1	---	0.8	1.8
12/22/2020 3:54 PM	5.4	2.1	---	0.8	1.8
12/22/2020 4:00 PM	5.5	2.1	---	0.8	1.8
12/22/2020 4:06 PM	5.5	2.1	---	0.8	1.9
12/22/2020 4:12 PM	5.6	2.1	---	0.8	2.0
12/22/2020 4:18 PM	5.6	2.2	---	0.8	2.0
12/22/2020 4:24 PM	5.6	2.2	---	0.8	1.9
12/22/2020 4:30 PM	5.6	2.2	---	0.8	1.9
12/22/2020 4:36 PM	5.5	2.2	---	0.8	1.9
12/22/2020 4:42 PM	5.5	2.1	---	0.8	1.9
12/22/2020 4:48 PM	5.5	2.1	---	0.8	1.8
12/22/2020 4:54 PM	5.5	2.1	---	0.8	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/22/2020 5:00 PM	5.5	2.1	---	0.8	1.8
12/22/2020 5:06 PM	5.5	2.1	---	0.8	1.8
12/22/2020 5:12 PM	5.5	2.1	---	0.7	1.8
12/22/2020 5:18 PM	5.5	2.1	---	0.7	1.8
12/22/2020 5:24 PM	5.6	2.1	---	0.7	1.8
12/22/2020 5:30 PM	5.6	2.1	---	0.7	1.8
12/22/2020 5:36 PM	5.7	2.2	---	0.7	1.8
12/22/2020 5:42 PM	5.7	2.2	---	0.7	1.8
12/22/2020 5:48 PM	5.7	2.2	---	0.7	1.8
12/22/2020 5:54 PM	5.6	2.2	---	0.7	1.8
12/22/2020 6:00 PM	5.6	2.2	---	0.7	1.8
12/22/2020 6:06 PM	5.5	2.2	---	0.7	1.8
12/22/2020 6:12 PM	5.5	2.2	---	0.7	1.8
12/22/2020 6:18 PM	5.5	2.2	---	0.8	1.8
12/22/2020 6:24 PM	5.6	2.2	---	0.7	1.8
12/22/2020 6:30 PM	5.6	2.3	---	0.7	1.7
12/22/2020 6:36 PM	5.6	2.3	---	0.7	1.7
12/22/2020 6:42 PM	5.6	2.4	---	0.7	1.7
12/22/2020 6:48 PM	5.5	2.4	---	0.7	1.7
12/22/2020 6:54 PM	5.5	2.3	---	0.6	1.7
12/22/2020 7:00 PM	5.5	2.3	---	0.4	1.8
12/22/2020 7:06 PM	5.5	2.2	---	0.4	1.8
12/22/2020 7:12 PM	5.5	2.1	---	0.4	1.8
12/22/2020 7:18 PM	5.5	2.1	---	0.4	1.8
12/22/2020 7:24 PM	5.6	2.0	---	0.4	1.8
12/22/2020 7:30 PM	5.6	2.0	---	0.4	1.8
12/22/2020 7:36 PM	5.6	2.0	---	0.4	1.8
12/22/2020 7:42 PM	5.6	2.0	---	0.5	1.8
12/22/2020 7:48 PM	5.6	2.0	---	0.5	1.8
12/22/2020 7:54 PM	5.6	2.1	---	0.5	1.8
12/22/2020 8:00 PM	5.5	2.2	---	0.5	1.9
12/22/2020 8:06 PM	5.5	2.2	---	0.5	1.8
12/22/2020 8:12 PM	5.5	2.2	---	0.5	1.8
12/22/2020 8:18 PM	5.5	2.2	---	0.5	1.8
12/22/2020 8:24 PM	5.4	2.1	---	0.5	1.8
12/22/2020 8:30 PM	5.4	2.1	---	0.5	1.8
12/22/2020 8:36 PM	5.4	2.1	---	0.5	1.8
12/22/2020 8:42 PM	5.4	2.0	---	0.5	1.8
12/22/2020 8:48 PM	5.4	2.0	---	0.5	1.8
12/22/2020 8:54 PM	5.4	2.0	---	0.5	1.8
12/22/2020 9:00 PM	5.4	2.1	---	0.5	1.8
12/22/2020 9:06 PM	5.4	2.1	---	0.5	1.8
12/22/2020 9:12 PM	5.4	2.1	---	0.5	1.8
12/22/2020 9:18 PM	5.4	2.1	---	0.5	1.8
12/22/2020 9:24 PM	5.5	2.1	---	0.5	1.8
12/22/2020 9:30 PM	5.5	2.1	---	0.5	1.8
12/22/2020 9:36 PM	5.5	2.2	---	0.5	1.8
12/22/2020 9:42 PM	5.5	2.2	---	0.5	1.8
12/22/2020 9:48 PM	5.5	2.3	---	0.5	1.8
12/22/2020 9:54 PM	5.5	2.4	---	0.5	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/22/2020 10:00 PM	5.5	2.5	---	0.5	1.8
12/22/2020 10:06 PM	5.5	2.6	---	0.5	1.7
12/22/2020 10:12 PM	5.5	2.7	---	0.5	1.6
12/22/2020 10:18 PM	5.5	2.7	---	0.5	1.7
12/22/2020 10:24 PM	5.5	2.7	---	0.5	1.7
12/22/2020 10:30 PM	5.4	2.7	---	0.6	1.7
12/22/2020 10:36 PM	5.3	2.6	---	0.5	1.7
12/22/2020 10:42 PM	5.3	2.5	---	0.6	1.7
12/22/2020 10:48 PM	5.3	2.4	---	0.6	1.7
12/22/2020 10:54 PM	5.3	2.3	---	0.6	1.7
12/22/2020 11:00 PM	5.3	2.2	---	0.6	1.7
12/22/2020 11:06 PM	5.2	2.2	---	0.6	1.7
12/22/2020 11:12 PM	5.2	2.0	---	0.6	1.7
12/22/2020 11:18 PM	5.2	2.0	---	0.6	1.7
12/22/2020 11:24 PM	5.2	1.9	---	0.6	1.7
12/22/2020 11:30 PM	5.2	1.9	---	0.6	1.7
12/22/2020 11:36 PM	5.2	1.9	---	0.6	1.7
12/22/2020 11:42 PM	5.2	1.9	---	0.6	1.7
12/22/2020 11:48 PM	5.2	1.9	---	0.6	1.7
12/22/2020 11:54 PM	5.2	1.9	---	0.6	1.7
12/23/2020 12:00 AM	5.2	1.9	---	0.6	1.7
12/23/2020 12:06 AM	5.2	1.8	---	0.4	1.7
12/23/2020 12:12 AM	5.2	1.8	---	-0.4	1.7
12/23/2020 12:18 AM	5.2	1.9	---	-0.7	1.7
12/23/2020 12:24 AM	5.2	1.8	---	-0.7	1.7
12/23/2020 12:30 AM	5.2	1.8	---	-0.7	1.6
12/23/2020 12:36 AM	5.2	1.7	---	-0.7	1.7
12/23/2020 12:42 AM	5.2	1.8	---	-0.7	1.7
12/23/2020 12:48 AM	5.2	1.8	---	-0.7	1.7
12/23/2020 12:54 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 1:00 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 1:06 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 1:12 AM	5.3	1.7	---	-0.7	1.6
12/23/2020 1:18 AM	5.3	1.8	---	-0.7	1.6
12/23/2020 1:24 AM	5.3	1.8	---	-0.7	1.6
12/23/2020 1:30 AM	5.2	1.8	---	-0.7	1.6
12/23/2020 1:36 AM	5.2	1.8	---	-0.7	1.6
12/23/2020 1:42 AM	5.2	1.8	---	-0.7	1.6
12/23/2020 1:48 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 1:54 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:00 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:06 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:12 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:18 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:24 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:30 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:36 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:42 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 2:48 AM	5.1	1.7	---	-0.7	1.6
12/23/2020 2:54 AM	5.1	1.7	---	-0.7	1.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/23/2020 3:00 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 3:06 AM	5.2	1.7	---	-0.7	1.6
12/23/2020 3:12 AM	5.2	1.8	---	-0.7	1.6
12/23/2020 3:18 AM	5.1	1.8	---	-0.7	1.6
12/23/2020 3:24 AM	5.1	1.8	---	-0.7	1.6
12/23/2020 3:30 AM	5.1	1.8	---	-0.7	1.6
12/23/2020 3:36 AM	5.1	1.8	---	-0.7	1.6
12/23/2020 3:42 AM	5.1	1.9	---	-0.7	1.6
12/23/2020 3:48 AM	5.1	2.0	---	-0.7	1.5
12/23/2020 3:54 AM	5.1	2.0	---	-0.7	1.5
12/23/2020 4:00 AM	5.1	2.1	---	-0.7	1.6
12/23/2020 4:06 AM	5.1	2.1	---	-0.7	1.6
12/23/2020 4:12 AM	5.1	2.1	---	-0.7	1.6
12/23/2020 4:18 AM	5.1	2.1	---	-0.7	1.5
12/23/2020 4:24 AM	5.1	2.1	---	-0.7	1.5
12/23/2020 4:30 AM	5.1	2.1	---	-0.7	1.5
12/23/2020 4:36 AM	5.1	2.1	---	-0.7	1.5
12/23/2020 4:42 AM	5.2	2.1	---	-0.7	1.5
12/23/2020 4:48 AM	5.2	2.1	---	-0.7	1.5
12/23/2020 4:54 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:00 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:06 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:12 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:18 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:24 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:30 AM	5.2	2.0	---	-0.7	1.6
12/23/2020 5:36 AM	5.2	2.1	---	-0.7	1.6
12/23/2020 5:42 AM	5.2	2.1	---	-0.7	1.6
12/23/2020 5:48 AM	5.2	2.1	---	-0.7	1.6
12/23/2020 5:54 AM	5.2	2.2	---	-0.7	1.6
12/23/2020 6:00 AM	5.1	2.2	---	-0.7	1.6
12/23/2020 6:06 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 6:12 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 6:18 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 6:24 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 6:30 AM	5.2	2.3	---	-0.7	1.5
12/23/2020 6:36 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 6:42 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 6:48 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 6:54 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 7:00 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 7:06 AM	5.2	2.2	---	-0.7	1.6
12/23/2020 7:12 AM	5.2	2.2	---	-0.7	1.6
12/23/2020 7:18 AM	5.2	2.2	---	-0.7	1.6
12/23/2020 7:24 AM	5.2	2.2	---	-0.7	1.6
12/23/2020 7:30 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 7:36 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 7:42 AM	5.2	2.3	---	-0.7	1.6
12/23/2020 7:48 AM	5.1	2.3	---	-0.7	1.6
12/23/2020 7:54 AM	5.1	2.3	---	-0.7	1.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/23/2020 8:00 AM	5.0	2.3	---	-0.7	1.6
12/23/2020 8:06 AM	5.0	2.2	---	-0.7	2.0
12/23/2020 8:12 AM	4.9	2.0	---	-0.7	2.2
12/23/2020 8:18 AM	4.9	1.9	---	-0.7	2.2
12/23/2020 8:24 AM	4.9	1.9	---	-0.7	2.1
12/23/2020 8:30 AM	4.9	2.0	---	-0.7	2.1
12/23/2020 8:36 AM	4.9	2.1	---	-0.7	2.1
12/23/2020 8:42 AM	4.8	2.2	---	-0.7	2.0
12/23/2020 8:48 AM	4.8	2.3	---	-0.7	2.0
12/23/2020 8:54 AM	4.8	2.4	---	-0.7	2.0
12/23/2020 9:00 AM	4.7	2.4	---	-0.7	2.0
12/23/2020 9:06 AM	4.7	2.5	---	-0.7	2.0
12/23/2020 9:12 AM	4.6	2.5	---	-0.7	2.0
12/23/2020 9:18 AM	4.6	2.5	---	-0.7	2.0
12/23/2020 9:24 AM	4.6	2.6	---	-0.7	1.9
12/23/2020 9:30 AM	4.5	2.6	---	-0.7	1.9
12/23/2020 9:36 AM	4.5	2.5	---	-0.7	1.9
12/23/2020 9:42 AM	4.5	2.5	---	-0.7	1.9
12/23/2020 9:48 AM	4.4	2.5	---	-0.7	1.9
12/23/2020 9:54 AM	4.4	2.5	---	-0.7	1.9
12/23/2020 10:00 AM	4.4	8.9	---	-0.7	2.0
12/23/2020 10:06 AM	4.5	18.4	---	-0.7	1.7
12/23/2020 10:12 AM	4.5	13.1	---	2.9	1.5
12/23/2020 10:18 AM	4.5	8.6	---	3.0	1.5
12/23/2020 10:24 AM	4.5	7.7	---	0.2	1.5
12/23/2020 10:30 AM	4.4	6.1	---	-0.7	1.5
12/23/2020 10:36 AM	4.3	5.2	---	-0.8	1.5
12/23/2020 10:42 AM	4.2	5.0	---	-0.8	1.5
12/23/2020 10:48 AM	4.0	4.6	---	-0.8	1.6
12/23/2020 10:54 AM	3.9	4.0	---	-0.8	1.6
12/23/2020 11:00 AM	3.9	3.2	---	-0.8	1.6
12/23/2020 11:06 AM	3.9	2.5	---	-0.8	1.6
12/23/2020 11:12 AM	4.0	2.0	---	-0.8	1.6
12/23/2020 11:18 AM	4.2	1.8	---	-0.8	1.6
12/23/2020 11:24 AM	4.3	1.6	---	-0.8	1.6
12/23/2020 11:30 AM	4.4	1.5	---	-0.8	1.6
12/23/2020 11:36 AM	4.5	1.2	---	-0.8	1.6
12/23/2020 11:42 AM	4.6	1.1	---	-0.8	1.6
12/23/2020 11:48 AM	4.6	1.0	---	-0.8	1.6
12/23/2020 11:54 AM	4.7	0.9	---	-0.8	1.7
12/23/2020 12:00 PM	4.8	0.8	---	-0.8	1.7
12/23/2020 12:06 PM	4.8	0.9	---	-0.7	1.8
12/23/2020 12:12 PM	4.8	0.9	---	-0.7	1.8
12/23/2020 12:18 PM	4.7	0.8	---	-0.7	1.8
12/23/2020 12:24 PM	4.7	0.8	---	-0.7	1.8
12/23/2020 12:30 PM	4.6	0.9	---	-0.7	1.8
12/23/2020 12:36 PM	4.5	0.8	---	-0.7	1.8
12/23/2020 12:42 PM	4.4	0.8	---	2.2	1.8
12/23/2020 12:48 PM	4.3	0.8	---	2.6	1.8
12/23/2020 12:54 PM	4.3	0.8	---	-0.5	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/23/2020 1:00 PM	4.3	0.8	---	-0.7	1.8
12/23/2020 1:06 PM	4.2	0.8	---	-0.7	1.8
12/23/2020 1:12 PM	4.2	0.8	---	-0.7	1.8
12/23/2020 1:18 PM	4.2	0.9	---	-0.7	1.8
12/23/2020 1:24 PM	4.2	0.9	---	-0.7	1.8
12/23/2020 1:30 PM	4.2	0.8	---	-0.7	1.8
12/23/2020 1:36 PM	4.2	0.8	---	-0.7	1.8
12/23/2020 1:42 PM	4.3	0.8	---	-0.7	1.8
12/23/2020 1:48 PM	4.3	0.8	---	-0.7	1.8
12/23/2020 1:54 PM	4.4	0.8	---	-0.7	1.8
12/23/2020 2:00 PM	4.5	0.8	---	-0.7	1.8
12/23/2020 2:06 PM	4.5	0.8	---	-0.6	1.8
12/23/2020 2:12 PM	4.6	0.7	---	-0.6	1.8
12/23/2020 2:18 PM	4.6	0.7	---	-0.6	1.8
12/23/2020 2:24 PM	4.7	0.7	---	-0.6	1.8
12/23/2020 2:30 PM	4.7	0.7	---	-0.6	1.8
12/23/2020 2:36 PM	4.7	0.7	---	-0.6	1.8
12/23/2020 2:42 PM	4.7	0.7	---	-0.6	1.8
12/23/2020 2:48 PM	4.7	0.6	---	-0.6	1.8
12/23/2020 2:54 PM	4.7	0.6	---	-0.6	1.8
12/23/2020 3:00 PM	4.7	0.6	---	-0.6	1.8
12/23/2020 3:06 PM	4.8	0.6	---	-0.6	1.8
12/23/2020 3:12 PM	4.8	0.7	---	-0.6	1.9
12/23/2020 3:18 PM	4.9	1.0	---	-0.6	2.1
12/23/2020 3:24 PM	4.9	1.2	---	-0.6	2.1
12/23/2020 3:30 PM	4.9	1.1	---	-0.6	2.0
12/23/2020 3:36 PM	5.0	1.0	---	-0.6	2.0
12/23/2020 3:42 PM	5.0	0.9	---	-0.6	2.0
12/23/2020 3:48 PM	5.1	0.8	---	-0.6	1.9
12/23/2020 3:54 PM	5.1	0.8	---	-0.6	1.9
12/23/2020 4:00 PM	5.1	0.8	---	-0.6	1.9
12/23/2020 4:06 PM	5.2	0.9	---	-0.6	2.0
12/23/2020 4:12 PM	5.2	0.9	---	-0.6	1.9
12/23/2020 4:18 PM	5.2	0.9	---	-0.6	1.9
12/23/2020 4:24 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 4:30 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 4:36 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 4:42 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 4:48 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 4:54 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 5:00 PM	5.2	0.8	---	-0.6	1.9
12/23/2020 5:06 PM	5.3	0.8	---	-0.6	1.9
12/23/2020 5:12 PM	5.3	0.8	---	-0.6	1.9
12/23/2020 5:18 PM	5.3	0.8	---	-0.6	1.9
12/23/2020 5:24 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 5:30 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 5:36 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 5:42 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 5:48 PM	5.3	0.8	---	-0.6	1.7
12/23/2020 5:54 PM	5.4	0.8	---	-0.6	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/23/2020 6:00 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 6:06 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 6:12 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 6:18 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 6:24 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 6:30 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 6:36 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 6:42 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 6:48 PM	5.3	0.9	---	-0.6	1.9
12/23/2020 6:54 PM	5.3	0.9	---	-0.6	1.9
12/23/2020 7:00 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 7:06 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 7:12 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 7:18 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 7:24 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 7:30 PM	5.4	0.7	---	-0.6	1.6
12/23/2020 7:36 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 7:42 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 7:48 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 7:54 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 8:00 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 8:06 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 8:12 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 8:18 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 8:24 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 8:30 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 8:36 PM	5.2	0.8	---	-0.6	1.8
12/23/2020 8:42 PM	5.2	0.9	---	-0.6	1.8
12/23/2020 8:48 PM	5.3	0.9	---	-0.6	1.8
12/23/2020 8:54 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 9:00 PM	5.3	0.8	---	-0.6	1.7
12/23/2020 9:06 PM	5.4	0.7	---	-0.6	1.7
12/23/2020 9:12 PM	5.4	0.7	---	-0.6	1.7
12/23/2020 9:18 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 9:24 PM	5.4	0.8	---	-0.6	1.7
12/23/2020 9:30 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 9:36 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 9:42 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 9:48 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 9:54 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 10:00 PM	5.3	0.8	---	-0.5	1.8
12/23/2020 10:06 PM	5.3	0.8	---	-0.5	1.8
12/23/2020 10:12 PM	5.3	0.8	---	-0.5	1.8
12/23/2020 10:18 PM	5.3	0.9	---	-0.5	1.8
12/23/2020 10:24 PM	5.3	0.8	---	-0.6	1.8
12/23/2020 10:30 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 10:36 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 10:42 PM	5.4	0.8	---	-0.6	1.8
12/23/2020 10:48 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 10:54 PM	5.4	0.8	---	-0.5	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/23/2020 11:00 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:06 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:12 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:18 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:24 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:30 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:36 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:42 PM	5.4	0.8	---	-0.5	1.8
12/23/2020 11:48 PM	5.4	0.8	---	-0.5	1.7
12/23/2020 11:54 PM	5.4	0.8	---	-0.5	1.7
12/24/2020 12:00 AM	5.4	0.8	---	-0.5	1.8
12/24/2020 12:06 AM	5.5	0.8	---	-0.5	1.8
12/24/2020 12:12 AM	5.5	0.8	---	-0.5	1.8
12/24/2020 12:18 AM	5.5	0.8	---	-0.5	1.8
12/24/2020 12:24 AM	5.5	0.8	---	-0.5	1.8
12/24/2020 12:30 AM	5.5	0.8	---	-0.5	1.8
12/24/2020 12:36 AM	5.5	0.9	---	-0.5	1.8
12/24/2020 12:42 AM	5.5	0.9	---	-0.5	1.8
12/24/2020 12:48 AM	5.5	0.9	---	-0.5	1.8
12/24/2020 12:54 AM	5.6	0.9	---	-0.5	1.8
12/24/2020 1:00 AM	5.6	0.8	---	-0.5	1.8
12/24/2020 1:06 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:12 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:18 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:24 AM	5.5	0.8	---	-0.5	1.9
12/24/2020 1:30 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:36 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:42 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:48 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 1:54 AM	5.6	0.8	---	-0.5	1.9
12/24/2020 2:00 AM	5.7	1.0	---	-0.5	1.9
12/24/2020 2:06 AM	5.6	1.6	---	-0.5	0.8
12/24/2020 2:12 AM	5.6	1.6	---	-0.5	-0.1
12/24/2020 2:18 AM	5.6	1.4	---	-0.5	-0.1
12/24/2020 2:24 AM	5.6	1.3	---	-0.5	-0.1
12/24/2020 2:30 AM	5.6	1.2	---	-0.5	-0.1
12/24/2020 2:36 AM	5.6	1.2	---	-0.5	-0.1
12/24/2020 2:42 AM	5.6	1.2	---	-0.5	-0.1
12/24/2020 2:48 AM	5.6	1.2	---	-0.5	-0.1
12/24/2020 2:54 AM	5.6	1.2	---	-0.5	0.0
12/24/2020 3:00 AM	5.7	1.1	---	-0.5	-0.1
12/24/2020 3:06 AM	5.6	1.1	---	-0.5	-0.1
12/24/2020 3:12 AM	5.7	1.2	---	-0.5	-0.1
12/24/2020 3:18 AM	5.7	1.3	---	-0.5	-0.1
12/24/2020 3:24 AM	5.8	1.3	---	-0.5	0.0
12/24/2020 3:30 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 3:36 AM	5.8	1.2	---	-0.5	-0.1
12/24/2020 3:42 AM	5.9	1.2	---	-0.5	0.0
12/24/2020 3:48 AM	5.9	1.2	---	-0.5	0.0
12/24/2020 3:54 AM	5.9	1.2	---	-0.5	-0.1

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/24/2020 4:00 AM	5.9	1.2	---	-0.5	-0.1
12/24/2020 4:06 AM	5.9	1.2	---	-0.5	0.0
12/24/2020 4:12 AM	6.0	1.3	---	-0.5	0.0
12/24/2020 4:18 AM	6.0	1.4	---	-0.5	0.0
12/24/2020 4:24 AM	6.0	1.5	---	-0.5	0.0
12/24/2020 4:30 AM	6.0	1.5	---	-0.5	0.0
12/24/2020 4:36 AM	5.8	1.5	---	-0.5	0.0
12/24/2020 4:42 AM	5.6	1.5	---	-0.5	0.0
12/24/2020 4:48 AM	5.5	1.4	---	-0.4	0.0
12/24/2020 4:54 AM	5.5	1.3	---	-0.4	0.0
12/24/2020 5:00 AM	5.5	1.3	---	-0.4	0.0
12/24/2020 5:06 AM	5.4	1.3	---	-0.4	0.0
12/24/2020 5:12 AM	5.4	1.3	---	-0.4	0.0
12/24/2020 5:18 AM	5.4	1.3	---	-0.4	0.0
12/24/2020 5:24 AM	5.4	1.3	---	-0.4	0.0
12/24/2020 5:30 AM	5.4	1.4	---	-0.4	0.0
12/24/2020 5:36 AM	5.4	1.4	---	-0.4	0.0
12/24/2020 5:42 AM	5.4	1.4	---	-0.4	0.0
12/24/2020 5:48 AM	5.3	1.4	---	-0.4	0.0
12/24/2020 5:54 AM	5.3	1.3	---	-0.4	0.0
12/24/2020 6:00 AM	5.3	1.1	---	-0.4	0.0
12/24/2020 6:06 AM	5.3	1.2	---	-0.4	0.0
12/24/2020 6:12 AM	5.3	1.2	---	-0.4	0.0
12/24/2020 6:18 AM	5.3	1.2	---	-0.4	0.0
12/24/2020 6:24 AM	5.3	1.2	---	-0.4	0.0
12/24/2020 6:30 AM	5.4	1.2	---	-0.4	0.0
12/24/2020 6:36 AM	5.5	1.2	---	-0.4	0.0
12/24/2020 6:42 AM	5.7	1.2	---	-0.4	0.1
12/24/2020 6:48 AM	5.7	1.1	---	-0.5	0.0
12/24/2020 6:54 AM	5.7	1.1	---	-0.5	0.0
12/24/2020 7:00 AM	5.7	1.1	---	-0.5	0.0
12/24/2020 7:06 AM	5.7	1.2	---	-0.5	0.0
12/24/2020 7:12 AM	5.7	1.2	---	-0.5	0.0
12/24/2020 7:18 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 7:24 AM	5.9	1.1	---	-0.5	0.0
12/24/2020 7:30 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 7:36 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 7:42 AM	5.8	1.3	---	-0.5	0.0
12/24/2020 7:48 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 7:54 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 8:00 AM	5.8	1.2	---	-0.5	0.0
12/24/2020 8:06 AM	5.8	1.3	---	-0.5	0.0
12/24/2020 8:12 AM	5.8	1.3	---	-0.5	0.0
12/24/2020 8:18 AM	5.8	1.3	---	-0.5	0.0
12/24/2020 8:24 AM	5.8	1.3	---	3.1	4.3
12/24/2020 8:30 AM	5.8	1.4	---	5.2	4.6
12/24/2020 8:36 AM	5.9	1.8	---	1.4	0.1
12/24/2020 8:42 AM	5.9	1.7	---	0.1	0.0
12/24/2020 8:48 AM	5.9	1.6	---	-0.3	0.0
12/24/2020 8:54 AM	5.9	1.6	---	-0.4	0.0

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/24/2020 9:00 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:06 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:12 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:18 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:24 AM	5.9	1.7	---	-0.5	0.0
12/24/2020 9:30 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:36 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:42 AM	5.9	1.7	---	-0.5	0.0
12/24/2020 9:48 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 9:54 AM	5.9	1.6	---	-0.5	0.0
12/24/2020 10:00 AM	5.8	1.6	---	3.9	0.0
12/24/2020 10:06 AM	5.8	1.4	---	7.4	0.0
12/24/2020 10:12 AM	5.8	1.1	---	5.1	0.0
12/24/2020 10:18 AM	5.8	1.0	---	5.0	0.0
12/24/2020 10:24 AM	5.8	1.0	---	4.2	0.0
12/24/2020 10:30 AM	5.9	1.1	---	2.6	0.0
12/24/2020 10:36 AM	5.9	1.1	---	1.4	0.0
12/24/2020 10:42 AM	6.0	1.1	---	1.2	0.0
12/24/2020 10:48 AM	6.0	1.1	---	1.1	0.0
12/24/2020 10:54 AM	6.0	1.1	---	1.0	0.0
12/24/2020 11:00 AM	6.0	1.2	---	1.1	0.0
12/24/2020 11:06 AM	6.0	1.2	---	1.2	0.0
12/24/2020 11:12 AM	6.0	1.2	---	1.2	0.0
12/24/2020 11:18 AM	6.0	1.2	---	1.1	0.0
12/24/2020 11:24 AM	6.0	1.2	---	0.9	0.0
12/24/2020 11:30 AM	6.1	1.2	---	0.9	0.0
12/24/2020 11:36 AM	6.1	1.2	---	0.9	0.0
12/24/2020 11:42 AM	6.1	1.2	---	1.0	0.0
12/24/2020 11:48 AM	6.1	1.2	---	1.0	0.0
12/24/2020 11:54 AM	6.1	1.2	---	1.0	0.0
12/24/2020 12:00 PM	5.9	1.1	---	1.0	-0.1
12/24/2020 12:06 PM	5.5	0.9	---	0.9	-0.2
12/24/2020 12:12 PM	5.5	0.9	---	0.9	-0.2
12/24/2020 12:18 PM	5.4	1.0	---	0.9	-0.2
12/24/2020 12:24 PM	5.4	1.0	---	0.8	-0.2
12/24/2020 12:30 PM	5.4	1.0	---	0.8	-0.2
12/24/2020 12:36 PM	5.4	1.0	---	0.8	-0.2
12/24/2020 12:42 PM	5.4	1.0	---	0.7	-0.1
12/24/2020 12:48 PM	5.3	1.0	---	0.7	-0.1
12/24/2020 12:54 PM	5.3	1.0	---	0.7	-0.2
12/24/2020 1:00 PM	5.3	1.0	---	0.7	-0.1
12/24/2020 1:06 PM	11.5	1.0	---	0.7	-0.1
12/24/2020 1:12 PM	14.2	1.0	---	0.7	-0.2
12/24/2020 1:18 PM	10.2	1.0	---	0.7	-0.1
12/24/2020 1:24 PM	9.1	1.0	---	0.7	-0.1
12/24/2020 1:30 PM	7.7	1.0	---	0.7	-0.1
12/24/2020 1:36 PM	6.9	1.0	---	0.7	-0.1
12/24/2020 1:42 PM	6.3	1.0	---	0.7	-0.1
12/24/2020 1:48 PM	5.9	1.0	---	0.7	-0.1
12/24/2020 1:54 PM	5.7	1.0	---	0.7	-0.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/24/2020 2:00 PM	5.6	1.0	---	0.7	-0.1
12/24/2020 2:06 PM	5.5	1.1	---	0.7	-0.1
12/24/2020 2:12 PM	5.5	1.0	---	0.7	-0.1
12/24/2020 2:18 PM	5.5	0.9	---	0.7	-0.1
12/24/2020 2:24 PM	5.5	0.9	---	0.7	-0.1
12/24/2020 2:30 PM	5.5	1.0	---	0.7	-0.1
12/24/2020 2:36 PM	5.5	0.9	---	0.7	-0.1
12/24/2020 2:42 PM	5.5	0.9	---	0.7	-0.1
12/24/2020 2:48 PM	5.5	1.0	---	0.6	-0.1
12/24/2020 2:54 PM	5.5	1.0	---	0.7	-0.1
12/24/2020 3:00 PM	5.5	1.0	---	0.6	-0.1
12/24/2020 3:06 PM	5.4	1.0	---	0.6	-0.1
12/24/2020 3:12 PM	5.4	1.1	---	0.7	-0.1
12/24/2020 3:18 PM	5.4	1.1	---	0.7	-0.1
12/24/2020 3:24 PM	5.4	1.1	---	0.7	-0.1
12/24/2020 3:30 PM	5.4	1.1	---	0.7	-0.1
12/24/2020 3:36 PM	5.5	1.1	---	0.7	-0.1
12/24/2020 3:42 PM	5.5	1.0	---	0.7	-0.1
12/24/2020 3:48 PM	5.6	1.0	---	0.7	-0.1
12/24/2020 3:54 PM	5.7	1.0	---	0.7	-0.1
12/24/2020 4:00 PM	5.7	1.0	---	0.6	-0.1
12/24/2020 4:06 PM	5.7	0.9	---	0.7	-0.1
12/24/2020 4:12 PM	5.8	0.9	---	0.7	-0.1
12/24/2020 4:18 PM	5.8	1.0	---	0.7	-0.1
12/24/2020 4:24 PM	5.8	1.0	---	0.7	-0.1
12/24/2020 4:30 PM	5.8	1.0	---	0.7	-0.1
12/24/2020 4:36 PM	5.7	1.0	---	0.7	-0.1
12/24/2020 4:42 PM	5.8	1.0	---	0.7	-0.1
12/24/2020 4:48 PM	5.8	1.0	---	0.7	-0.1
12/24/2020 4:54 PM	5.7	0.9	---	0.7	0.0
12/24/2020 5:00 PM	5.7	0.9	---	0.6	0.0
12/24/2020 5:06 PM	5.7	0.9	---	0.7	0.0
12/24/2020 5:12 PM	5.7	0.9	---	0.7	0.0
12/24/2020 5:18 PM	5.6	0.9	---	0.7	0.0
12/24/2020 5:24 PM	5.6	1.0	---	0.6	0.0
12/24/2020 5:30 PM	5.5	1.0	---	0.7	0.0
12/24/2020 5:36 PM	5.5	1.0	---	0.5	0.0
12/24/2020 5:42 PM	5.4	1.0	---	0.2	0.0
12/24/2020 5:48 PM	5.3	1.0	---	0.2	0.0
12/24/2020 5:54 PM	5.3	0.9	---	0.2	-0.1
12/24/2020 6:00 PM	5.3	0.9	---	0.2	-0.1
12/24/2020 6:06 PM	5.3	0.9	---	0.3	-0.1
12/24/2020 6:12 PM	5.3	0.9	---	0.3	-0.1
12/24/2020 6:18 PM	5.3	0.9	---	0.3	-0.1
12/24/2020 6:24 PM	5.3	0.9	---	0.3	-0.1
12/24/2020 6:30 PM	5.4	0.9	---	0.3	-0.1
12/24/2020 6:36 PM	5.5	1.0	---	0.4	-0.1
12/24/2020 6:42 PM	5.6	1.0	---	0.5	-0.1
12/24/2020 6:48 PM	5.5	1.0	---	0.5	0.0
12/24/2020 6:54 PM	5.5	1.0	---	0.5	0.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/24/2020 7:00 PM	5.5	1.1	---	0.5	0.0
12/24/2020 7:06 PM	5.5	1.1	---	0.5	0.0
12/24/2020 7:12 PM	5.4	1.0	---	0.5	0.0
12/24/2020 7:18 PM	5.4	1.0	---	0.5	0.0
12/24/2020 7:24 PM	5.3	1.1	---	0.5	0.0
12/24/2020 7:30 PM	5.3	1.1	---	0.5	0.0
12/24/2020 7:36 PM	5.3	1.1	---	0.5	0.0
12/24/2020 7:42 PM	5.4	1.0	---	0.5	0.0
12/24/2020 7:48 PM	5.4	1.0	---	0.4	0.0
12/24/2020 7:54 PM	5.4	0.9	---	0.3	0.0
12/24/2020 8:00 PM	5.4	0.9	---	0.3	0.0
12/24/2020 8:06 PM	5.4	0.9	---	0.3	-0.1
12/24/2020 8:12 PM	5.4	0.9	---	0.3	-0.1
12/24/2020 8:18 PM	5.5	0.9	---	0.3	-0.1
12/24/2020 8:24 PM	5.5	0.9	---	0.3	0.0
12/24/2020 8:30 PM	5.5	0.9	---	0.3	0.0
12/24/2020 8:36 PM	5.5	0.9	---	0.3	-0.1
12/24/2020 8:42 PM	5.5	0.9	---	0.4	-0.1
12/24/2020 8:48 PM	5.5	0.9	---	0.4	-0.1
12/24/2020 8:54 PM	5.5	0.9	---	0.4	-0.1
12/24/2020 9:00 PM	5.5	0.9	---	0.4	-0.1
12/24/2020 9:06 PM	5.5	0.9	---	0.3	-0.1
12/24/2020 9:12 PM	5.7	1.0	---	0.3	0.0
12/24/2020 9:18 PM	5.8	1.0	---	0.3	0.0
12/24/2020 9:24 PM	5.8	0.9	---	0.3	0.0
12/24/2020 9:30 PM	5.8	0.9	---	0.3	0.1
12/24/2020 9:36 PM	5.8	0.9	---	0.3	0.1
12/24/2020 9:42 PM	5.7	1.0	---	0.3	0.1
12/24/2020 9:48 PM	5.7	1.0	---	0.3	0.1
12/24/2020 9:54 PM	5.7	1.0	---	0.4	0.1
12/24/2020 10:00 PM	5.7	1.0	---	0.3	0.1
12/24/2020 10:06 PM	5.7	1.0	---	0.3	0.0
12/24/2020 10:12 PM	5.8	1.0	---	0.4	0.0
12/24/2020 10:18 PM	5.7	1.0	---	0.4	0.0
12/24/2020 10:24 PM	5.7	1.0	---	0.4	0.0
12/24/2020 10:30 PM	5.8	1.0	---	0.4	0.0
12/24/2020 10:36 PM	5.8	1.0	---	0.3	0.0
12/24/2020 10:42 PM	5.8	0.9	---	0.3	0.0
12/24/2020 10:48 PM	5.8	0.9	---	0.3	0.0
12/24/2020 10:54 PM	5.8	0.9	---	0.4	0.0
12/24/2020 11:00 PM	5.8	0.9	---	0.4	0.0
12/24/2020 11:06 PM	5.8	0.9	---	0.4	0.1
12/24/2020 11:12 PM	5.8	0.9	---	0.4	0.2
12/24/2020 11:18 PM	5.8	0.9	---	0.5	0.3
12/24/2020 11:24 PM	5.9	0.9	---	0.4	0.4
12/24/2020 11:30 PM	5.9	2.5	---	0.8	0.5
12/24/2020 11:36 PM	6.0	3.4	---	1.0	0.5
12/24/2020 11:42 PM	6.0	2.4	---	0.9	0.5
12/24/2020 11:48 PM	6.0	2.2	---	0.8	0.6
12/24/2020 11:54 PM	6.1	2.1	---	0.8	0.5

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/25/2020 12:00 AM	6.1	2.1	---	0.8	0.6
12/25/2020 12:06 AM	6.1	2.0	---	1.2	0.6
12/25/2020 12:12 AM	6.1	2.0	---	1.7	0.6
12/25/2020 12:18 AM	6.1	2.0	---	1.6	0.6
12/25/2020 12:24 AM	6.1	2.1	---	1.6	5.7
12/25/2020 12:30 AM	6.1	2.2	---	1.6	22.2
12/25/2020 12:36 AM	6.2	2.2	---	1.5	23.8
12/25/2020 12:42 AM	6.2	2.2	---	1.4	14.1
12/25/2020 12:48 AM	14.8	2.1	---	1.6	11.3
12/25/2020 12:54 AM	15.3	2.1	---	1.6	9.5
12/25/2020 1:00 AM	9.2	2.1	---	1.4	8.8
12/25/2020 1:06 AM	7.1	2.1	---	1.3	8.2
12/25/2020 1:12 AM	7.2	2.1	---	1.4	7.3
12/25/2020 1:18 AM	7.2	2.1	---	1.5	7.1
12/25/2020 1:24 AM	7.0	2.0	---	1.4	7.4
12/25/2020 1:30 AM	6.8	2.0	---	1.4	7.6
12/25/2020 1:36 AM	6.7	1.9	---	1.4	7.4
12/25/2020 1:42 AM	6.5	1.9	---	1.4	6.8
12/25/2020 1:48 AM	6.4	1.8	---	1.2	6.3
12/25/2020 1:54 AM	6.3	1.7	---	1.2	6.0
12/25/2020 2:00 AM	6.3	1.5	---	1.3	6.0
12/25/2020 2:06 AM	6.3	1.3	---	1.4	6.3
12/25/2020 2:12 AM	6.3	1.3	---	1.3	6.0
12/25/2020 2:18 AM	6.3	1.3	---	1.3	6.0
12/25/2020 2:24 AM	6.2	1.3	---	1.3	6.0
12/25/2020 2:30 AM	6.2	1.3	---	0.8	4.8
12/25/2020 2:36 AM	9.0	1.3	---	0.3	3.6
12/25/2020 2:42 AM	10.1	1.7	---	0.4	3.7
12/25/2020 2:48 AM	8.0	2.8	---	1.4	3.5
12/25/2020 2:54 AM	7.9	2.6	---	1.4	3.3
12/25/2020 3:00 AM	8.2	2.4	---	0.4	3.3
12/25/2020 3:06 AM	8.4	2.6	---	0.5	2.8
12/25/2020 3:12 AM	8.2	2.6	---	0.5	2.3
12/25/2020 3:18 AM	7.7	2.5	---	0.5	2.1
12/25/2020 3:24 AM	7.2	2.5	---	1.6	4.3
12/25/2020 3:30 AM	7.0	2.4	---	2.0	7.5
12/25/2020 3:36 AM	6.9	2.3	---	1.8	7.8
12/25/2020 3:42 AM	6.8	2.4	---	1.7	7.3
12/25/2020 3:48 AM	6.7	2.4	---	1.7	7.1
12/25/2020 3:54 AM	6.5	2.3	---	1.8	6.9
12/25/2020 4:00 AM	6.4	2.4	---	1.9	7.1
12/25/2020 4:06 AM	6.2	2.5	---	1.8	7.2
12/25/2020 4:12 AM	6.2	2.5	---	1.9	6.6
12/25/2020 4:18 AM	6.2	2.5	---	2.0	6.3
12/25/2020 4:24 AM	6.1	2.4	---	2.0	6.1
12/25/2020 4:30 AM	6.1	2.3	---	1.8	5.6
12/25/2020 4:36 AM	6.1	2.4	---	1.8	5.4
12/25/2020 4:42 AM	6.1	2.4	---	1.7	5.3
12/25/2020 4:48 AM	6.0	2.4	---	1.9	5.2
12/25/2020 4:54 AM	6.0	2.5	---	2.1	5.4

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/25/2020 5:00 AM	6.0	2.5	---	2.1	5.3
12/25/2020 5:06 AM	6.0	2.3	---	1.7	5.0
12/25/2020 5:12 AM	5.9	2.3	---	1.7	4.9
12/25/2020 5:18 AM	5.9	2.3	---	1.8	5.2
12/25/2020 5:24 AM	5.9	2.2	---	1.9	5.5
12/25/2020 5:30 AM	5.8	2.0	---	1.9	5.3
12/25/2020 5:36 AM	5.7	2.1	---	1.8	5.1
12/25/2020 5:42 AM	5.7	2.2	---	1.9	5.3
12/25/2020 5:48 AM	5.7	2.1	---	1.9	5.3
12/25/2020 5:54 AM	5.7	2.0	---	1.8	5.4
12/25/2020 6:00 AM	5.7	2.0	---	1.7	5.4
12/25/2020 6:06 AM	5.7	2.2	---	1.4	5.3
12/25/2020 6:12 AM	5.7	2.2	---	1.3	5.3
12/25/2020 6:18 AM	5.7	2.2	---	1.3	5.2
12/25/2020 6:24 AM	5.7	2.2	---	1.3	5.2
12/25/2020 6:30 AM	5.7	2.3	---	1.3	5.3
12/25/2020 6:36 AM	5.7	2.2	---	1.4	5.5
12/25/2020 6:42 AM	5.7	2.1	---	1.4	5.6
12/25/2020 6:48 AM	5.6	2.2	---	1.4	5.3
12/25/2020 6:54 AM	5.6	2.1	---	1.4	5.2
12/25/2020 7:00 AM	5.6	2.2	---	1.5	5.3
12/25/2020 7:06 AM	5.6	2.2	---	1.4	5.2
12/25/2020 7:12 AM	5.6	2.2	---	1.4	4.9
12/25/2020 7:18 AM	5.6	2.2	---	1.5	4.7
12/25/2020 7:24 AM	5.6	2.1	---	1.5	4.8
12/25/2020 7:30 AM	5.5	2.2	---	1.6	5.0
12/25/2020 7:36 AM	5.4	2.2	---	1.5	5.4
12/25/2020 7:42 AM	5.4	2.3	---	1.4	5.4
12/25/2020 7:48 AM	5.4	2.3	---	1.4	5.3
12/25/2020 7:54 AM	5.4	2.3	---	1.5	5.2
12/25/2020 8:00 AM	5.4	2.3	---	1.6	5.2
12/25/2020 8:06 AM	5.4	2.1	---	1.6	5.1
12/25/2020 8:12 AM	5.4	2.0	---	1.6	5.1
12/25/2020 8:18 AM	5.4	1.9	---	1.6	5.3
12/25/2020 8:24 AM	5.3	1.9	---	1.6	5.3
12/25/2020 8:30 AM	5.3	1.8	---	1.5	5.1
12/25/2020 8:36 AM	5.2	1.8	---	1.5	5.1
12/25/2020 8:42 AM	5.2	1.9	---	1.5	5.5
12/25/2020 8:48 AM	5.2	2.0	---	1.5	5.7
12/25/2020 8:54 AM	5.2	2.2	---	1.4	5.6
12/25/2020 9:00 AM	5.1	2.1	---	1.4	5.6
12/25/2020 9:06 AM	5.1	2.0	---	1.4	5.5
12/25/2020 9:12 AM	5.1	2.1	---	1.5	5.3
12/25/2020 9:18 AM	5.1	1.9	---	1.4	5.3
12/25/2020 9:24 AM	5.0	1.8	---	1.4	5.6
12/25/2020 9:30 AM	5.0	1.8	---	1.4	5.5
12/25/2020 9:36 AM	5.0	1.8	---	1.4	5.5
12/25/2020 9:42 AM	5.0	1.8	---	1.4	5.5
12/25/2020 9:48 AM	4.9	1.9	---	1.3	5.5
12/25/2020 9:54 AM	4.9	1.9	---	1.3	5.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/25/2020 10:00 AM	4.9	1.9	---	1.3	5.1
12/25/2020 10:06 AM	4.9	1.9	---	1.3	5.3
12/25/2020 10:12 AM	4.9	1.9	---	1.3	5.3
12/25/2020 10:18 AM	4.8	1.1	---	1.3	5.3
12/25/2020 10:24 AM	4.8	0.4	---	1.3	5.2
12/25/2020 10:30 AM	4.8	0.5	---	1.4	5.2
12/25/2020 10:36 AM	4.8	0.4	---	1.4	5.2
12/25/2020 10:42 AM	4.8	0.3	---	1.3	5.2
12/25/2020 10:48 AM	4.7	0.3	---	1.4	5.2
12/25/2020 10:54 AM	4.7	0.3	---	1.4	5.2
12/25/2020 11:00 AM	4.8	0.3	---	1.3	5.1
12/25/2020 11:06 AM	4.9	0.2	---	1.3	5.2
12/25/2020 11:12 AM	4.9	0.2	---	1.3	5.3
12/25/2020 11:18 AM	4.8	0.2	---	1.3	5.3
12/25/2020 11:24 AM	4.8	0.2	---	1.4	5.3
12/25/2020 11:30 AM	4.8	0.1	---	0.8	5.3
12/25/2020 11:36 AM	4.8	0.1	---	-0.3	5.2
12/25/2020 11:42 AM	4.8	0.1	---	-0.7	5.0
12/25/2020 11:48 AM	4.8	0.1	---	-0.7	5.1
12/25/2020 11:54 AM	4.8	0.1	---	-0.7	5.0
12/25/2020 12:00 PM	4.8	-0.1	---	-1.0	4.9
12/25/2020 12:06 PM	Calib	-0.7	---	-1.7	4.5
12/25/2020 12:12 PM	OutCal	-0.7	---	-1.7	4.6
12/25/2020 12:18 PM	OutCal	-0.8	---	-1.7	4.6
12/25/2020 12:24 PM	OutCal	-0.8	---	-1.7	4.7
12/25/2020 12:30 PM	OutCal	-0.9	---	-1.7	4.7
12/25/2020 12:36 PM	OutCal	-0.8	---	-1.7	4.5
12/25/2020 12:42 PM	OutCal	-0.8	---	-1.7	4.5
12/25/2020 12:48 PM	OutCal	-0.8	---	-1.7	4.7
12/25/2020 12:54 PM	OutCal	-0.7	---	-1.7	4.8
12/25/2020 1:00 PM	OutCal	-0.8	---	-1.7	4.9
12/25/2020 1:06 PM	OutCal	-0.8	---	-1.8	4.9
12/25/2020 1:12 PM	OutCal	-0.8	---	-1.8	4.9
12/25/2020 1:18 PM	OutCal	-0.8	---	-1.8	4.8
12/25/2020 1:24 PM	OutCal	-0.8	---	-1.8	4.7
12/25/2020 1:30 PM	OutCal	-0.8	---	-1.8	4.8
12/25/2020 1:36 PM	OutCal	-0.8	---	-1.8	4.5
12/25/2020 1:42 PM	OutCal	-0.8	---	-1.8	2.6
12/25/2020 1:48 PM	OutCal	-0.9	---	-1.8	1.1
12/25/2020 1:54 PM	OutCal	-0.9	---	-1.8	1.1
12/25/2020 2:00 PM	OutCal	-1.0	---	-1.8	1.1
12/25/2020 2:06 PM	OutCal	-1.0	---	-1.7	1.1
12/25/2020 2:12 PM	OutCal	-1.0	---	-1.7	1.2
12/25/2020 2:18 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:24 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:30 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:36 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:42 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:48 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 2:54 PM	OutCal	-0.9	---	-1.7	1.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/25/2020 3:00 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 3:06 PM	OutCal	-0.9	---	-1.7	1.2
12/25/2020 3:12 PM	OutCal	-0.9	---	-1.7	1.3
12/25/2020 3:18 PM	OutCal	-0.8	---	-1.7	1.3
12/25/2020 3:24 PM	OutCal	-0.8	---	-1.7	1.3
12/25/2020 3:30 PM	OutCal	-0.8	---	-1.7	1.2
12/25/2020 3:36 PM	OutCal	-0.8	---	-1.7	1.2
12/25/2020 3:42 PM	OutCal	-0.9	---	-1.7	1.3
12/25/2020 3:48 PM	OutCal	-0.9	---	-1.0	1.3
12/25/2020 3:54 PM	OutCal	-0.8	---	-0.9	1.3
12/25/2020 4:00 PM	OutCal	-0.8	---	0.8	1.3
12/25/2020 4:06 PM	OutCal	-0.8	---	1.1	1.5
12/25/2020 4:12 PM	OutCal	-0.9	---	0.2	1.5
12/25/2020 4:18 PM	OutCal	-0.9	---	-0.1	1.4
12/25/2020 4:24 PM	OutCal	-0.9	---	-0.2	1.4
12/25/2020 4:30 PM	OutCal	-0.9	---	-0.1	1.4
12/25/2020 4:36 PM	OutCal	-0.9	---	-0.1	1.4
12/25/2020 4:42 PM	OutCal	-0.9	---	-0.1	1.4
12/25/2020 4:48 PM	OutCal	-0.9	---	0.0	1.3
12/25/2020 4:54 PM	OutCal	-1.0	---	0.0	1.3
12/25/2020 5:00 PM	OutCal	-0.9	---	0.1	1.3
12/25/2020 5:06 PM	OutCal	-1.0	---	0.1	1.3
12/25/2020 5:12 PM	OutCal	-1.0	---	0.2	1.3
12/25/2020 5:18 PM	OutCal	-0.9	---	0.1	1.2
12/25/2020 5:24 PM	OutCal	-0.9	---	0.1	1.3
12/25/2020 5:30 PM	OutCal	-0.9	---	0.1	1.3
12/25/2020 5:36 PM	OutCal	-0.9	---	0.0	1.3
12/25/2020 5:42 PM	OutCal	-0.9	---	0.0	1.2
12/25/2020 5:48 PM	OutCal	-0.9	---	0.0	1.2
12/25/2020 5:54 PM	OutCal	-0.9	---	0.0	1.2
12/25/2020 6:00 PM	OutCal	-0.9	---	-0.2	1.3
12/25/2020 6:06 PM	OutCal	-1.0	---	-0.3	1.3
12/25/2020 6:12 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 6:18 PM	OutCal	-0.9	---	-0.4	1.2
12/25/2020 6:24 PM	OutCal	-0.9	---	-0.4	1.2
12/25/2020 6:30 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 6:36 PM	OutCal	-1.0	---	-0.3	1.2
12/25/2020 6:42 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 6:48 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 6:54 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 7:00 PM	OutCal	-0.9	---	-0.4	1.1
12/25/2020 7:06 PM	OutCal	-0.9	---	-0.4	1.1
12/25/2020 7:12 PM	OutCal	-1.0	---	-0.5	1.1
12/25/2020 7:18 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 7:24 PM	OutCal	-0.9	---	-0.4	1.2
12/25/2020 7:30 PM	OutCal	-0.9	---	-0.4	1.1
12/25/2020 7:36 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 7:42 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 7:48 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 7:54 PM	OutCal	-0.9	---	-0.4	1.1

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/25/2020 8:00 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:06 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:12 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:18 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:24 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:30 PM	OutCal	-0.9	---	-0.4	1.1
12/25/2020 8:36 PM	OutCal	-0.9	---	-0.4	1.1
12/25/2020 8:42 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:48 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 8:54 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:00 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:06 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:12 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:18 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:24 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 9:30 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:36 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:42 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 9:48 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 9:54 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:00 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:06 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:12 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:18 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:24 PM	OutCal	-0.9	---	-0.3	1.1
12/25/2020 10:30 PM	OutCal	-1.0	---	-0.4	1.1
12/25/2020 10:36 PM	OutCal	-1.0	---	-0.4	1.2
12/25/2020 10:42 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 10:48 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 10:54 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 11:00 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 11:06 PM	OutCal	-0.9	---	-0.4	1.3
12/25/2020 11:12 PM	OutCal	-0.9	---	-0.3	1.3
12/25/2020 11:18 PM	OutCal	-0.9	---	-0.3	1.3
12/25/2020 11:24 PM	OutCal	-0.9	---	-0.3	1.4
12/25/2020 11:30 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 11:36 PM	OutCal	-1.0	---	-0.4	1.3
12/25/2020 11:42 PM	OutCal	-0.9	---	-0.4	1.3
12/25/2020 11:48 PM	OutCal	-1.0	---	-0.3	1.3
12/25/2020 11:54 PM	OutCal	-1.0	---	-0.4	1.2
12/26/2020 12:00 AM	OutCal	-1.0	---	-0.4	1.2
12/26/2020 12:06 AM	OutCal	-1.0	---	-0.5	1.4
12/26/2020 12:12 AM	OutCal	-1.0	---	-1.2	1.6
12/26/2020 12:18 AM	OutCal	-1.0	---	-1.6	1.5
12/26/2020 12:24 AM	OutCal	-0.9	---	-1.6	1.4
12/26/2020 12:30 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 12:36 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 12:42 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 12:48 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 12:54 AM	OutCal	-1.0	---	-1.5	1.3

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
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Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/26/2020 1:00 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 1:06 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 1:12 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 1:18 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 1:24 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 1:30 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 1:36 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 1:42 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 1:48 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 1:54 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:00 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:06 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 2:12 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 2:18 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:24 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:30 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 2:36 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:42 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 2:48 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 2:54 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:00 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:06 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:12 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:18 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:24 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:30 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:36 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 3:42 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 3:48 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 3:54 AM	OutCal	-1.0	---	-1.5	1.2
12/26/2020 4:00 AM	OutCal	-1.0	---	-1.5	1.3
12/26/2020 4:06 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:12 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:18 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:24 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:30 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:36 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:42 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:48 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 4:54 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:00 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:06 AM	OutCal	-0.9	---	-1.5	1.2
12/26/2020 5:12 AM	OutCal	-0.9	---	-1.5	1.2
12/26/2020 5:18 AM	OutCal	-0.9	---	-1.5	1.2
12/26/2020 5:24 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:30 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:36 AM	OutCal	-0.9	---	-1.5	1.2
12/26/2020 5:42 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:48 AM	OutCal	-0.9	---	-1.5	1.3
12/26/2020 5:54 AM	OutCal	-0.9	---	-1.5	1.2

Opacity Data Summary Report

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New York City D.E.P.
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4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/26/2020 6:00 AM	OutCal	-0.9	---	-1.5	1.2
12/26/2020 6:06 AM	OutCal	-0.9	---	-1.5	1.4
12/26/2020 6:12 AM	OutCal	-0.9	---	-1.5	1.6
12/26/2020 6:18 AM	OutCal	-0.9	---	-1.5	1.6
12/26/2020 6:24 AM	OutCal	-0.9	---	-1.5	1.6
12/26/2020 6:30 AM	OutCal	-0.9	---	-1.5	1.6
12/26/2020 6:36 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 6:42 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 6:48 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 6:54 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 7:00 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 7:06 AM	OutCal	-0.9	---	-1.5	1.5
12/26/2020 7:12 AM	OutCal	-0.9	---	-1.5	2.1
12/26/2020 7:18 AM	OutCal	-0.9	---	-1.5	2.7
12/26/2020 7:24 AM	OutCal	-0.9	---	-1.5	2.5
12/26/2020 7:30 AM	OutCal	-0.9	---	-1.5	2.5
12/26/2020 7:36 AM	OutCal	-0.9	---	-1.5	2.6
12/26/2020 7:42 AM	OutCal	-0.9	---	-1.5	2.6
12/26/2020 7:48 AM	OutCal	-0.9	---	-1.4	2.7
12/26/2020 7:54 AM	OutCal	-0.9	---	-1.4	2.6
12/26/2020 8:00 AM	OutCal	-0.9	---	-1.4	2.6
12/26/2020 8:06 AM	OutCal	-0.9	---	-1.4	2.7
12/26/2020 8:12 AM	OutCal	-0.9	---	-1.4	2.8
12/26/2020 8:18 AM	OutCal	-0.9	---	-1.4	2.8
12/26/2020 8:24 AM	OutCal	-0.9	---	-1.4	2.7
12/26/2020 8:30 AM	OutCal	-0.9	---	-1.4	2.5
12/26/2020 8:36 AM	OutCal	-0.9	---	-1.4	2.4
12/26/2020 8:42 AM	OutCal	-0.9	---	-1.5	2.4
12/26/2020 8:48 AM	OutCal	-0.8	---	-1.5	2.3
12/26/2020 8:54 AM	OutCal	-0.8	---	-1.5	2.3
12/26/2020 9:00 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:06 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:12 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:18 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:24 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:30 AM	OutCal	-0.7	---	-1.5	2.3
12/26/2020 9:36 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 9:42 AM	OutCal	-0.6	---	-1.5	2.4
12/26/2020 9:48 AM	OutCal	-0.6	---	-1.5	2.4
12/26/2020 9:54 AM	OutCal	-0.6	---	-1.4	2.4
12/26/2020 10:00 AM	OutCal	-0.6	---	-1.4	2.3
12/26/2020 10:06 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 10:12 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 10:18 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 10:24 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 10:30 AM	OutCal	-0.6	---	-1.5	2.3
12/26/2020 10:36 AM	OutCal	-0.6	---	-1.5	2.2
12/26/2020 10:42 AM	OutCal	-0.6	---	-1.5	2.2
12/26/2020 10:48 AM	OutCal	-0.6	---	-1.5	2.2
12/26/2020 10:54 AM	OutCal	-0.6	---	-1.5	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/26/2020 11:00 AM	OutCal	-0.7	---	-1.5	2.2
12/26/2020 11:06 AM	OutCal	-0.7	---	-1.5	2.2
12/26/2020 11:12 AM	OutCal	-0.8	---	-1.5	2.2
12/26/2020 11:18 AM	OutCal	-0.8	---	2.0	2.0
12/26/2020 11:24 AM	OutCal	-0.7	---	4.3	1.3
12/26/2020 11:30 AM	OutCal	-0.7	---	1.5	0.8
12/26/2020 11:36 AM	OutCal	-0.8	---	1.3	0.9
12/26/2020 11:42 AM	OutCal	-0.8	---	0.7	1.0
12/26/2020 11:48 AM	OutCal	-0.8	---	0.2	1.0
12/26/2020 11:54 AM	OutCal	-0.7	---	0.0	1.0
12/26/2020 12:00 PM	Calib	-0.4	---	0.2	1.2
12/26/2020 12:06 PM	Calib	0.7	---	1.1	1.7
12/26/2020 12:12 PM	OutCal	0.7	---	1.1	1.7
12/26/2020 12:18 PM	OutCal	0.6	---	1.1	1.7
12/26/2020 12:24 PM	OutCal	0.6	---	1.1	1.7
12/26/2020 12:30 PM	OutCal	0.5	---	1.1	1.7
12/26/2020 12:36 PM	OutCal	0.5	---	1.1	1.7
12/26/2020 12:42 PM	OutCal	0.5	---	1.1	1.7
12/26/2020 12:48 PM	OutCal	0.5	---	1.2	1.7
12/26/2020 12:54 PM	OutCal	0.5	---	1.2	1.7
12/26/2020 1:00 PM	OutCal	0.5	---	1.2	1.7
12/26/2020 1:06 PM	OutCal	0.5	---	1.2	1.8
12/26/2020 1:12 PM	OutCal	0.5	---	1.2	1.8
12/26/2020 1:18 PM	OutCal	0.6	---	1.2	1.8
12/26/2020 1:24 PM	OutCal	0.5	---	1.2	1.8
12/26/2020 1:30 PM	OutCal	0.5	---	1.2	1.8
12/26/2020 1:36 PM	OutCal	0.6	---	1.2	1.7
12/26/2020 1:42 PM	OutCal	0.7	---	1.2	1.7
12/26/2020 1:48 PM	OutCal	0.8	---	1.2	1.8
12/26/2020 1:54 PM	OutCal	0.8	---	1.2	1.8
12/26/2020 2:00 PM	OutCal	0.8	---	1.1	1.8
12/26/2020 2:06 PM	OutCal	0.8	---	1.1	1.8
12/26/2020 2:12 PM	OutCal	0.8	---	1.1	1.8
12/26/2020 2:18 PM	OutCal	0.8	---	1.1	1.7
12/26/2020 2:24 PM	OutCal	0.8	---	1.0	1.7
12/26/2020 2:30 PM	OutCal	0.8	---	1.0	1.7
12/26/2020 2:36 PM	OutCal	0.8	---	1.0	1.7
12/26/2020 2:42 PM	OutCal	0.8	---	1.0	1.7
12/26/2020 2:48 PM	OutCal	0.8	---	1.0	1.8
12/26/2020 2:54 PM	OutCal	0.8	---	1.0	1.8
12/26/2020 3:00 PM	OutCal	0.7	---	1.0	1.8
12/26/2020 3:06 PM	OutCal	0.7	---	1.0	1.8
12/26/2020 3:12 PM	OutCal	0.6	---	1.0	1.7
12/26/2020 3:18 PM	OutCal	0.6	---	1.0	1.8
12/26/2020 3:24 PM	OutCal	0.6	---	1.0	1.8
12/26/2020 3:30 PM	OutCal	0.6	---	1.0	1.7
12/26/2020 3:36 PM	OutCal	0.7	---	1.1	1.7
12/26/2020 3:42 PM	OutCal	0.7	---	1.0	1.8
12/26/2020 3:48 PM	OutCal	0.7	---	1.0	1.8
12/26/2020 3:54 PM	OutCal	0.8	---	1.0	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/26/2020 4:00 PM	OutCal	0.9	---	1.0	1.7
12/26/2020 4:06 PM	OutCal	0.9	---	1.0	1.7
12/26/2020 4:12 PM	OutCal	0.9	---	1.0	1.7
12/26/2020 4:18 PM	OutCal	0.9	---	1.1	1.7
12/26/2020 4:24 PM	OutCal	1.0	---	1.0	1.7
12/26/2020 4:30 PM	OutCal	1.0	---	1.0	1.7
12/26/2020 4:36 PM	OutCal	1.0	---	1.0	1.7
12/26/2020 4:42 PM	OutCal	1.0	---	1.0	1.6
12/26/2020 4:48 PM	OutCal	1.0	---	1.0	1.6
12/26/2020 4:54 PM	OutCal	1.0	---	1.0	1.6
12/26/2020 5:00 PM	OutCal	1.0	---	1.0	1.6
12/26/2020 5:06 PM	OutCal	1.1	---	1.0	1.6
12/26/2020 5:12 PM	OutCal	1.1	---	1.0	1.6
12/26/2020 5:18 PM	OutCal	1.1	---	1.0	1.6
12/26/2020 5:24 PM	OutCal	1.2	---	1.0	1.6
12/26/2020 5:30 PM	OutCal	1.2	---	1.0	1.6
12/26/2020 5:36 PM	OutCal	1.2	---	1.0	1.6
12/26/2020 5:42 PM	OutCal	1.2	---	1.1	1.7
12/26/2020 5:48 PM	OutCal	1.2	---	1.0	1.7
12/26/2020 5:54 PM	OutCal	1.2	---	1.0	1.7
12/26/2020 6:00 PM	OutCal	1.3	---	1.0	1.7
12/26/2020 6:06 PM	OutCal	1.2	---	1.0	1.7
12/26/2020 6:12 PM	OutCal	1.2	---	1.0	1.7
12/26/2020 6:18 PM	OutCal	1.2	---	0.9	1.7
12/26/2020 6:24 PM	OutCal	1.2	---	0.7	1.7
12/26/2020 6:30 PM	OutCal	1.2	---	0.8	1.7
12/26/2020 6:36 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 6:42 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 6:48 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 6:54 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:00 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:06 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:12 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:18 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:24 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:30 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:36 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:42 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 7:48 PM	OutCal	1.3	---	0.9	1.6
12/26/2020 7:54 PM	OutCal	1.3	---	0.9	1.6
12/26/2020 8:00 PM	OutCal	1.3	---	0.9	1.6
12/26/2020 8:06 PM	OutCal	1.3	---	0.9	1.6
12/26/2020 8:12 PM	OutCal	1.2	---	0.9	1.6
12/26/2020 8:18 PM	OutCal	1.2	---	0.9	1.6
12/26/2020 8:24 PM	OutCal	1.2	---	0.9	1.6
12/26/2020 8:30 PM	OutCal	1.2	---	0.9	1.6
12/26/2020 8:36 PM	OutCal	1.2	---	1.2	1.6
12/26/2020 8:42 PM	OutCal	1.2	---	1.3	1.6
12/26/2020 8:48 PM	OutCal	1.2	---	0.9	1.6
12/26/2020 8:54 PM	OutCal	1.2	---	0.8	1.6

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/26/2020 9:00 PM	OutCal	1.2	---	0.8	1.6
12/26/2020 9:06 PM	OutCal	1.2	---	0.8	1.6
12/26/2020 9:12 PM	OutCal	1.2	---	0.8	1.6
12/26/2020 9:18 PM	OutCal	1.2	---	0.8	1.6
12/26/2020 9:24 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 9:30 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 9:36 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 9:42 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 9:48 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 9:54 PM	OutCal	1.3	---	0.8	1.6
12/26/2020 10:00 PM	OutCal	1.3	---	0.9	1.6
12/26/2020 10:06 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 10:12 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 10:18 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 10:24 PM	OutCal	1.3	---	0.9	1.7
12/26/2020 10:30 PM	OutCal	1.3	---	0.9	1.7
12/26/2020 10:36 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 10:42 PM	OutCal	1.3	---	0.8	1.7
12/26/2020 10:48 PM	OutCal	1.3	---	0.9	1.7
12/26/2020 10:54 PM	OutCal	1.3	---	0.9	1.7
12/26/2020 11:00 PM	OutCal	1.3	---	0.9	1.7
12/26/2020 11:06 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:12 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:18 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:24 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:30 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:36 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:42 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:48 PM	OutCal	1.4	---	0.9	1.7
12/26/2020 11:54 PM	OutCal	1.4	---	0.9	1.7
12/27/2020 12:00 AM	OutCal	1.4	---	0.9	1.6
12/27/2020 12:06 AM	OutCal	1.4	---	0.9	1.6
12/27/2020 12:12 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 12:18 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 12:24 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 12:30 AM	OutCal	1.5	---	0.9	1.7
12/27/2020 12:36 AM	OutCal	1.4	---	0.9	1.6
12/27/2020 12:42 AM	OutCal	1.4	---	0.9	1.6
12/27/2020 12:48 AM	OutCal	1.5	---	0.8	1.6
12/27/2020 12:54 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 1:00 AM	OutCal	1.4	---	0.9	1.6
12/27/2020 1:06 AM	OutCal	1.4	---	0.8	1.6
12/27/2020 1:12 AM	OutCal	1.4	---	0.8	1.6
12/27/2020 1:18 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 1:24 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 1:30 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 1:36 AM	OutCal	1.5	---	0.9	1.6
12/27/2020 1:42 AM	OutCal	1.5	---	1.2	0.7
12/27/2020 1:48 AM	OutCal	1.5	---	1.2	-0.2
12/27/2020 1:54 AM	OutCal	1.5	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/27/2020 2:00 AM	OutCal	1.5	---	1.1	-0.2
12/27/2020 2:06 AM	OutCal	1.5	---	1.1	-0.2
12/27/2020 2:12 AM	OutCal	1.5	---	1.1	-0.2
12/27/2020 2:18 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 2:24 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 2:30 AM	OutCal	1.5	---	1.2	-0.3
12/27/2020 2:36 AM	OutCal	1.6	---	1.1	-0.3
12/27/2020 2:42 AM	OutCal	1.5	---	1.1	-0.2
12/27/2020 2:48 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 2:54 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:00 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:06 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:12 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:18 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:24 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:30 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:36 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 3:42 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 3:48 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 3:54 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 4:00 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 4:06 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 4:12 AM	OutCal	1.6	---	1.0	-0.3
12/27/2020 4:18 AM	OutCal	1.6	---	1.0	-0.3
12/27/2020 4:24 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 4:30 AM	OutCal	1.6	---	1.0	-0.3
12/27/2020 4:36 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 4:42 AM	OutCal	1.6	---	1.0	-0.3
12/27/2020 4:48 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 4:54 AM	OutCal	1.7	---	1.0	-0.2
12/27/2020 5:00 AM	OutCal	1.7	---	1.0	-0.2
12/27/2020 5:06 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 5:12 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 5:18 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 5:24 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 5:30 AM	OutCal	1.7	---	1.0	-0.3
12/27/2020 5:36 AM	OutCal	1.7	---	1.0	-0.2
12/27/2020 5:42 AM	OutCal	1.7	---	1.1	-0.3
12/27/2020 5:48 AM	OutCal	1.7	---	1.1	-0.3
12/27/2020 5:54 AM	OutCal	1.7	---	1.1	-0.2
12/27/2020 6:00 AM	OutCal	1.7	---	1.1	-0.2
12/27/2020 6:06 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:12 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:18 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:24 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:30 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:36 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 6:42 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 6:48 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 6:54 AM	OutCal	1.8	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/27/2020 7:00 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:06 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:12 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:18 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:24 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:30 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:36 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 7:42 AM	OutCal	1.8	---	1.1	-0.3
12/27/2020 7:48 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 7:54 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 8:00 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 8:06 AM	OutCal	1.7	---	1.1	-0.2
12/27/2020 8:12 AM	OutCal	1.6	---	1.1	-0.2
12/27/2020 8:18 AM	OutCal	1.6	---	1.0	-0.2
12/27/2020 8:24 AM	OutCal	1.7	---	1.1	-0.2
12/27/2020 8:30 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 8:36 AM	OutCal	1.8	---	1.1	-0.2
12/27/2020 8:42 AM	OutCal	1.9	---	1.0	-0.2
12/27/2020 8:48 AM	OutCal	2.0	---	1.0	-0.2
12/27/2020 8:54 AM	OutCal	2.0	---	1.0	-0.2
12/27/2020 9:00 AM	OutCal	2.1	---	1.0	-0.2
12/27/2020 9:06 AM	OutCal	2.2	---	1.0	-0.3
12/27/2020 9:12 AM	OutCal	2.2	---	1.0	-0.2
12/27/2020 9:18 AM	OutCal	2.2	---	0.9	-0.2
12/27/2020 9:24 AM	OutCal	2.3	---	0.9	-0.2
12/27/2020 9:30 AM	OutCal	2.3	---	0.9	-0.3
12/27/2020 9:36 AM	OutCal	2.3	---	0.9	-0.3
12/27/2020 9:42 AM	OutCal	2.4	---	0.9	-0.3
12/27/2020 9:48 AM	OutCal	2.4	---	0.9	-0.3
12/27/2020 9:54 AM	OutCal	2.4	---	0.9	-0.3
12/27/2020 10:00 AM	OutCal	2.4	---	0.9	-0.3
12/27/2020 10:06 AM	OutCal	2.4	---	0.9	-0.2
12/27/2020 10:12 AM	OutCal	2.4	---	0.8	-0.2
12/27/2020 10:18 AM	OutCal	2.4	---	0.9	-0.2
12/27/2020 10:24 AM	OutCal	2.4	---	1.0	-0.2
12/27/2020 10:30 AM	OutCal	2.5	---	1.0	-0.2
12/27/2020 10:36 AM	OutCal	2.6	---	1.0	-0.2
12/27/2020 10:42 AM	OutCal	2.5	---	1.0	-0.2
12/27/2020 10:48 AM	OutCal	2.5	---	1.0	-0.2
12/27/2020 10:54 AM	OutCal	2.4	---	1.0	-0.2
12/27/2020 11:00 AM	OutCal	2.0	---	1.0	-0.2
12/27/2020 11:06 AM	OutCal	1.5	---	1.0	-0.2
12/27/2020 11:12 AM	OutCal	1.2	---	1.0	-0.2
12/27/2020 11:18 AM	OutCal	1.0	---	1.0	-0.2
12/27/2020 11:24 AM	OutCal	1.1	---	1.0	-0.2
12/27/2020 11:30 AM	OutCal	1.1	---	1.0	-0.2
12/27/2020 11:36 AM	OutCal	1.1	---	1.0	-0.2
12/27/2020 11:42 AM	OutCal	1.3	---	1.0	-0.2
12/27/2020 11:48 AM	OutCal	1.5	---	1.0	-0.2
12/27/2020 11:54 AM	OutCal	1.6	---	1.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/27/2020 12:00 PM	Calib	1.6	---	1.0	-0.2
12/27/2020 12:06 PM	5.9	1.7	---	1.0	-0.2
12/27/2020 12:12 PM	6.0	1.7	---	1.0	-0.2
12/27/2020 12:18 PM	6.0	1.5	---	1.0	-0.2
12/27/2020 12:24 PM	6.0	1.3	---	1.0	-0.2
12/27/2020 12:30 PM	5.9	1.2	---	1.0	-0.2
12/27/2020 12:36 PM	5.8	1.1	---	1.0	-0.2
12/27/2020 12:42 PM	5.8	1.1	---	1.0	-0.2
12/27/2020 12:48 PM	5.6	1.1	---	0.9	-0.2
12/27/2020 12:54 PM	5.5	1.1	---	1.0	-0.2
12/27/2020 1:00 PM	5.4	1.0	---	1.0	-0.2
12/27/2020 1:06 PM	5.3	1.0	---	1.0	-0.2
12/27/2020 1:12 PM	5.2	1.0	---	1.0	-0.2
12/27/2020 1:18 PM	5.2	1.1	---	1.0	-0.2
12/27/2020 1:24 PM	5.1	1.2	---	1.0	4.9
12/27/2020 1:30 PM	5.1	1.3	---	0.8	8.8
12/27/2020 1:36 PM	5.1	1.4	---	0.7	5.4
12/27/2020 1:42 PM	5.1	1.6	---	0.7	4.2
12/27/2020 1:48 PM	5.1	1.7	---	0.7	4.3
12/27/2020 1:54 PM	5.2	1.9	---	0.7	4.6
12/27/2020 2:00 PM	5.2	2.0	---	0.8	4.3
12/27/2020 2:06 PM	5.2	2.0	---	0.9	3.7
12/27/2020 2:12 PM	5.3	1.9	---	1.0	3.0
12/27/2020 2:18 PM	5.3	1.8	---	1.0	2.7
12/27/2020 2:24 PM	5.4	1.7	---	1.0	2.4
12/27/2020 2:30 PM	5.4	1.6	---	1.0	2.3
12/27/2020 2:36 PM	5.5	1.6	---	1.0	2.1
12/27/2020 2:42 PM	5.6	1.6	---	1.0	2.0
12/27/2020 2:48 PM	5.7	1.6	---	1.0	2.0
12/27/2020 2:54 PM	5.7	1.5	---	1.0	2.0
12/27/2020 3:00 PM	5.7	1.5	---	1.0	2.0
12/27/2020 3:06 PM	5.8	1.4	---	1.0	1.9
12/27/2020 3:12 PM	5.7	1.4	---	1.1	2.0
12/27/2020 3:18 PM	5.7	1.5	---	1.1	1.9
12/27/2020 3:24 PM	5.7	1.6	---	1.1	1.9
12/27/2020 3:30 PM	5.7	1.9	---	1.1	1.8
12/27/2020 3:36 PM	5.7	2.1	---	1.1	1.8
12/27/2020 3:42 PM	5.7	2.2	---	1.1	1.9
12/27/2020 3:48 PM	5.8	2.4	---	1.1	1.8
12/27/2020 3:54 PM	5.8	2.5	---	1.0	1.8
12/27/2020 4:00 PM	5.9	2.6	---	1.0	1.8
12/27/2020 4:06 PM	5.8	2.6	---	1.1	1.8
12/27/2020 4:12 PM	5.8	2.8	---	1.1	1.8
12/27/2020 4:18 PM	5.8	2.8	---	1.1	1.7
12/27/2020 4:24 PM	5.9	2.9	---	1.0	1.7
12/27/2020 4:30 PM	5.9	2.9	---	0.8	1.7
12/27/2020 4:36 PM	6.0	2.9	---	0.8	1.7
12/27/2020 4:42 PM	6.0	2.9	---	0.8	1.7
12/27/2020 4:48 PM	6.1	2.9	---	0.8	1.6
12/27/2020 4:54 PM	6.1	2.9	---	0.8	1.7

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/27/2020 5:00 PM	6.1	2.9	---	0.8	1.7
12/27/2020 5:06 PM	6.1	2.9	---	0.8	1.7
12/27/2020 5:12 PM	6.1	2.9	---	0.8	1.6
12/27/2020 5:18 PM	6.2	2.9	---	0.9	1.7
12/27/2020 5:24 PM	6.2	2.9	---	0.9	1.7
12/27/2020 5:30 PM	6.2	2.9	---	0.9	1.7
12/27/2020 5:36 PM	6.2	2.9	---	0.9	1.7
12/27/2020 5:42 PM	6.2	2.9	---	0.9	1.7
12/27/2020 5:48 PM	6.2	3.0	---	0.9	1.7
12/27/2020 5:54 PM	6.2	3.0	---	0.9	1.7
12/27/2020 6:00 PM	6.2	3.0	---	0.9	1.7
12/27/2020 6:06 PM	6.2	3.0	---	0.9	1.7
12/27/2020 6:12 PM	6.2	3.1	---	0.9	1.7
12/27/2020 6:18 PM	6.2	3.1	---	0.9	1.7
12/27/2020 6:24 PM	6.2	3.1	---	0.9	1.7
12/27/2020 6:30 PM	6.2	3.1	---	0.9	1.7
12/27/2020 6:36 PM	6.2	3.1	---	0.9	1.8
12/27/2020 6:42 PM	6.2	3.1	---	0.9	1.7
12/27/2020 6:48 PM	6.2	3.1	---	0.9	1.8
12/27/2020 6:54 PM	6.2	3.1	---	0.9	1.8
12/27/2020 7:00 PM	6.2	3.1	---	0.9	1.8
12/27/2020 7:06 PM	6.2	3.0	---	0.9	1.7
12/27/2020 7:12 PM	6.3	3.0	---	0.9	1.7
12/27/2020 7:18 PM	6.2	3.0	---	0.9	1.7
12/27/2020 7:24 PM	6.2	3.0	---	0.9	1.8
12/27/2020 7:30 PM	6.3	2.9	---	0.9	1.8
12/27/2020 7:36 PM	6.3	2.9	---	0.9	1.7
12/27/2020 7:42 PM	6.2	2.9	---	0.9	1.8
12/27/2020 7:48 PM	6.2	2.9	---	0.9	1.8
12/27/2020 7:54 PM	6.3	2.9	---	0.9	1.8
12/27/2020 8:00 PM	6.2	2.9	---	0.9	1.8
12/27/2020 8:06 PM	6.2	2.9	---	0.9	1.8
12/27/2020 8:12 PM	6.2	2.9	---	0.9	1.8
12/27/2020 8:18 PM	6.3	2.9	---	0.9	1.8
12/27/2020 8:24 PM	6.3	2.9	---	0.9	1.8
12/27/2020 8:30 PM	6.3	2.9	---	0.9	1.8
12/27/2020 8:36 PM	6.3	2.9	---	0.9	1.8
12/27/2020 8:42 PM	6.2	2.9	---	0.9	1.9
12/27/2020 8:48 PM	6.2	2.9	---	0.9	1.9
12/27/2020 8:54 PM	6.2	2.9	---	0.9	1.9
12/27/2020 9:00 PM	6.2	2.9	---	0.9	1.9
12/27/2020 9:06 PM	6.2	2.9	---	0.9	1.8
12/27/2020 9:12 PM	6.2	2.9	---	0.9	1.8
12/27/2020 9:18 PM	6.2	2.9	---	0.9	1.8
12/27/2020 9:24 PM	6.1	2.9	---	0.9	1.8
12/27/2020 9:30 PM	6.2	2.9	---	0.9	1.8
12/27/2020 9:36 PM	6.2	3.0	---	0.9	1.7
12/27/2020 9:42 PM	6.3	3.0	---	0.9	1.7
12/27/2020 9:48 PM	6.3	3.0	---	0.9	1.7
12/27/2020 9:54 PM	6.4	3.0	---	0.9	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/27/2020 10:00 PM	6.4	3.0	---	0.9	1.7
12/27/2020 10:06 PM	6.4	3.0	---	0.9	1.8
12/27/2020 10:12 PM	6.4	2.9	---	0.9	1.8
12/27/2020 10:18 PM	6.3	3.0	---	0.9	1.8
12/27/2020 10:24 PM	6.3	3.0	---	0.9	1.7
12/27/2020 10:30 PM	6.2	3.0	---	0.9	1.7
12/27/2020 10:36 PM	6.1	3.0	---	0.9	1.8
12/27/2020 10:42 PM	6.1	3.0	---	0.9	1.9
12/27/2020 10:48 PM	6.1	2.9	---	0.9	2.0
12/27/2020 10:54 PM	6.1	2.9	---	0.9	2.0
12/27/2020 11:00 PM	6.1	2.9	---	0.9	2.0
12/27/2020 11:06 PM	6.1	2.8	---	0.9	2.0
12/27/2020 11:12 PM	6.1	2.8	---	1.0	2.0
12/27/2020 11:18 PM	6.1	2.8	---	0.9	2.0
12/27/2020 11:24 PM	6.1	2.9	---	0.9	2.0
12/27/2020 11:30 PM	6.1	2.9	---	0.9	2.0
12/27/2020 11:36 PM	6.1	2.9	---	0.9	1.9
12/27/2020 11:42 PM	6.1	3.0	---	0.9	1.9
12/27/2020 11:48 PM	6.1	3.0	---	0.9	2.0
12/27/2020 11:54 PM	6.1	3.0	---	0.9	1.9
12/28/2020 12:00 AM	6.1	3.0	---	0.9	1.9
12/28/2020 12:06 AM	6.1	3.0	---	0.9	1.8
12/28/2020 12:12 AM	6.1	3.0	---	0.9	1.8
12/28/2020 12:18 AM	6.1	3.1	---	0.9	2.0
12/28/2020 12:24 AM	6.1	3.1	---	0.4	2.5
12/28/2020 12:30 AM	6.0	3.2	---	-0.3	2.5
12/28/2020 12:36 AM	6.0	3.2	---	-0.4	2.2
12/28/2020 12:42 AM	6.0	3.2	---	-0.4	2.2
12/28/2020 12:48 AM	6.0	3.2	---	-0.4	2.2
12/28/2020 12:54 AM	6.0	3.1	---	-0.4	2.1
12/28/2020 1:00 AM	6.0	3.1	---	-0.4	2.1
12/28/2020 1:06 AM	6.0	3.1	---	-0.4	2.0
12/28/2020 1:12 AM	6.0	3.1	---	-0.4	1.9
12/28/2020 1:18 AM	6.0	3.1	---	-0.4	1.9
12/28/2020 1:24 AM	6.0	3.0	---	-0.4	1.9
12/28/2020 1:30 AM	6.1	3.0	---	-0.4	2.0
12/28/2020 1:36 AM	6.1	3.0	---	-0.4	2.0
12/28/2020 1:42 AM	6.1	3.0	---	-0.4	2.0
12/28/2020 1:48 AM	6.1	3.0	---	-0.4	2.0
12/28/2020 1:54 AM	6.2	3.0	---	-0.4	2.0
12/28/2020 2:00 AM	6.2	3.0	---	-0.4	2.0
12/28/2020 2:06 AM	6.2	3.1	---	-0.4	2.0
12/28/2020 2:12 AM	6.2	3.1	---	-0.4	2.0
12/28/2020 2:18 AM	6.3	3.1	---	-0.4	2.0
12/28/2020 2:24 AM	6.3	3.1	---	-0.4	1.9
12/28/2020 2:30 AM	6.3	3.1	---	-0.4	1.9
12/28/2020 2:36 AM	6.3	3.1	---	-0.4	1.9
12/28/2020 2:42 AM	6.3	3.1	---	-0.4	2.0
12/28/2020 2:48 AM	6.3	3.1	---	-0.4	2.0
12/28/2020 2:54 AM	6.3	3.1	---	-0.4	2.0

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/28/2020 3:00 AM	6.3	3.1	---	-0.4	2.0
12/28/2020 3:06 AM	6.2	3.1	---	-0.4	2.0
12/28/2020 3:12 AM	6.2	3.1	---	-0.4	2.0
12/28/2020 3:18 AM	6.2	3.1	---	-0.4	2.0
12/28/2020 3:24 AM	6.1	3.1	---	-0.4	1.9
12/28/2020 3:30 AM	6.1	3.1	---	-0.4	1.9
12/28/2020 3:36 AM	6.1	3.1	---	-0.4	1.9
12/28/2020 3:42 AM	6.2	3.1	---	-0.4	1.9
12/28/2020 3:48 AM	6.2	3.1	---	-0.4	1.9
12/28/2020 3:54 AM	6.3	3.1	---	-0.4	1.9
12/28/2020 4:00 AM	6.3	3.1	---	-0.4	1.8
12/28/2020 4:06 AM	6.3	3.1	---	-0.5	1.9
12/28/2020 4:12 AM	6.2	3.1	---	-0.4	1.9
12/28/2020 4:18 AM	6.3	3.1	---	-0.4	1.9
12/28/2020 4:24 AM	6.2	3.2	---	-0.5	1.8
12/28/2020 4:30 AM	6.2	3.3	---	-0.4	1.8
12/28/2020 4:36 AM	6.2	3.3	---	-0.5	1.8
12/28/2020 4:42 AM	6.2	3.3	---	-0.5	1.8
12/28/2020 4:48 AM	6.3	3.3	---	-0.5	1.8
12/28/2020 4:54 AM	6.2	3.3	---	-0.5	1.9
12/28/2020 5:00 AM	6.2	3.3	---	-0.5	1.9
12/28/2020 5:06 AM	6.2	3.3	---	-0.5	1.8
12/28/2020 5:12 AM	6.3	3.3	---	-0.5	1.9
12/28/2020 5:18 AM	6.3	3.4	---	-0.5	1.9
12/28/2020 5:24 AM	6.3	3.4	---	-0.5	1.9
12/28/2020 5:30 AM	6.4	3.4	---	-0.5	1.9
12/28/2020 5:36 AM	6.4	3.4	---	-0.5	1.9
12/28/2020 5:42 AM	6.4	3.4	---	-0.5	1.9
12/28/2020 5:48 AM	6.5	3.4	---	-0.5	1.8
12/28/2020 5:54 AM	6.5	3.4	---	-0.5	1.8
12/28/2020 6:00 AM	6.5	3.4	---	-0.5	1.8
12/28/2020 6:06 AM	6.6	3.4	---	-0.5	1.8
12/28/2020 6:12 AM	6.6	3.4	---	-0.5	1.9
12/28/2020 6:18 AM	6.6	3.4	---	-0.5	1.9
12/28/2020 6:24 AM	6.6	3.4	---	-0.5	1.9
12/28/2020 6:30 AM	6.6	3.3	---	-0.5	1.9
12/28/2020 6:36 AM	6.5	3.3	---	-0.5	1.9
12/28/2020 6:42 AM	6.5	3.3	---	-0.5	1.9
12/28/2020 6:48 AM	6.5	3.2	---	-0.5	1.9
12/28/2020 6:54 AM	6.5	3.2	---	-0.5	2.3
12/28/2020 7:00 AM	6.6	3.1	---	-0.5	2.5
12/28/2020 7:06 AM	6.6	3.1	---	-0.5	2.4
12/28/2020 7:12 AM	6.7	3.1	---	-0.5	2.4
12/28/2020 7:18 AM	6.7	3.1	---	-0.5	2.4
12/28/2020 7:24 AM	6.8	3.1	---	-0.5	2.5
12/28/2020 7:30 AM	6.8	3.1	---	-0.5	2.6
12/28/2020 7:36 AM	6.8	3.1	---	-0.5	2.6
12/28/2020 7:42 AM	6.8	3.1	---	-0.5	2.6
12/28/2020 7:48 AM	6.8	3.1	---	-0.5	2.5
12/28/2020 7:54 AM	6.8	3.1	---	-0.5	2.6

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/28/2020 8:00 AM	6.8	3.1	---	-0.5	2.6
12/28/2020 8:06 AM	6.7	3.1	---	-0.5	2.6
12/28/2020 8:12 AM	6.6	3.1	---	-0.5	2.6
12/28/2020 8:18 AM	6.6	3.1	---	-0.5	2.5
12/28/2020 8:24 AM	6.6	3.1	---	-0.5	2.5
12/28/2020 8:30 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 8:36 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 8:42 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 8:48 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 8:54 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 9:00 AM	6.6	3.2	---	-0.5	2.4
12/28/2020 9:06 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:12 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:18 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:24 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:30 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:36 AM	6.6	3.3	---	-0.5	2.4
12/28/2020 9:42 AM	6.6	3.3	---	-0.5	2.3
12/28/2020 9:48 AM	6.6	3.3	---	-0.5	2.3
12/28/2020 9:54 AM	6.6	3.4	---	3.5	2.3
12/28/2020 10:00 AM	6.6	3.4	---	5.2	2.0
12/28/2020 10:06 AM	6.6	3.4	---	1.9	1.9
12/28/2020 10:12 AM	6.6	3.4	---	1.3	1.9
12/28/2020 10:18 AM	6.7	3.5	---	1.1	1.9
12/28/2020 10:24 AM	6.7	3.6	---	1.0	2.0
12/28/2020 10:30 AM	10.7	3.6	---	1.0	2.1
12/28/2020 10:36 AM	11.9	3.7	---	0.9	2.1
12/28/2020 10:42 AM	9.1	3.7	---	1.0	1.8
12/28/2020 10:48 AM	9.2	3.8	---	1.0	1.8
12/28/2020 10:54 AM	9.3	3.8	---	1.0	1.7
12/28/2020 11:00 AM	9.5	3.8	---	1.1	1.8
12/28/2020 11:06 AM	9.3	3.8	---	1.1	1.8
12/28/2020 11:12 AM	9.2	3.8	---	1.2	1.8
12/28/2020 11:18 AM	9.0	3.8	---	1.2	1.8
12/28/2020 11:24 AM	8.4	3.6	---	1.2	1.8
12/28/2020 11:30 AM	7.8	3.5	---	1.2	1.8
12/28/2020 11:36 AM	7.3	3.5	---	1.2	1.8
12/28/2020 11:42 AM	6.8	3.5	---	1.2	1.8
12/28/2020 11:48 AM	5.9	3.4	---	1.2	1.8
12/28/2020 11:54 AM	5.6	3.3	---	1.1	1.8
12/28/2020 12:00 PM	5.5	3.3	---	1.1	1.8
12/28/2020 12:06 PM	5.2	3.4	---	1.0	1.8
12/28/2020 12:12 PM	5.3	3.4	---	1.0	1.8
12/28/2020 12:18 PM	5.4	3.4	---	1.0	1.8
12/28/2020 12:24 PM	5.2	3.1	---	0.9	1.8
12/28/2020 12:30 PM	5.0	2.7	---	0.9	1.8
12/28/2020 12:36 PM	4.8	2.1	---	0.9	1.8
12/28/2020 12:42 PM	4.8	1.7	---	0.9	1.9
12/28/2020 12:48 PM	4.8	1.5	---	0.8	1.9
12/28/2020 12:54 PM	4.8	1.5	---	0.9	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/28/2020 1:00 PM	4.9	1.6	---	0.9	1.9
12/28/2020 1:06 PM	4.9	1.7	---	0.8	1.9
12/28/2020 1:12 PM	4.9	1.7	---	0.8	1.9
12/28/2020 1:18 PM	4.9	1.8	---	0.8	1.8
12/28/2020 1:24 PM	5.0	1.9	---	0.8	1.8
12/28/2020 1:30 PM	5.2	2.0	---	0.8	1.8
12/28/2020 1:36 PM	5.3	2.1	---	0.8	1.8
12/28/2020 1:42 PM	18.1	2.2	---	0.8	1.5
12/28/2020 1:48 PM	24.8	2.4	---	0.8	0.4
12/28/2020 1:54 PM	15.8	2.5	---	0.8	-0.2
12/28/2020 2:00 PM	14.6	2.6	---	0.7	-0.2
12/28/2020 2:06 PM	12.9	2.6	---	0.7	-0.2
12/28/2020 2:12 PM	11.1	2.5	---	0.7	-0.2
12/28/2020 2:18 PM	8.7	2.3	---	0.7	-0.2
12/28/2020 2:24 PM	6.1	2.0	---	0.7	-0.2
12/28/2020 2:30 PM	4.7	1.9	---	0.7	-0.2
12/28/2020 2:36 PM	5.0	1.7	---	0.7	-0.2
12/28/2020 2:42 PM	5.7	1.7	---	0.7	-0.2
12/28/2020 2:48 PM	6.3	1.6	---	0.7	-0.2
12/28/2020 2:54 PM	6.8	1.6	---	0.7	-0.2
12/28/2020 3:00 PM	7.1	1.5	---	0.7	-0.2
12/28/2020 3:06 PM	7.2	1.4	---	0.7	-0.2
12/28/2020 3:12 PM	7.2	1.4	---	0.7	-0.2
12/28/2020 3:18 PM	7.0	1.4	---	0.7	-0.2
12/28/2020 3:24 PM	6.7	1.4	---	0.7	-0.2
12/28/2020 3:30 PM	6.3	1.5	---	0.7	-0.1
12/28/2020 3:36 PM	5.7	1.7	---	0.7	-0.2
12/28/2020 3:42 PM	5.1	1.9	---	0.7	-0.2
12/28/2020 3:48 PM	4.6	2.1	---	0.6	-0.2
12/28/2020 3:54 PM	4.0	2.3	---	0.7	-0.2
12/28/2020 4:00 PM	3.7	2.3	---	0.7	-0.2
12/28/2020 4:06 PM	3.6	2.3	---	0.7	-0.2
12/28/2020 4:12 PM	3.4	2.4	---	0.7	-0.2
12/28/2020 4:18 PM	3.2	2.5	---	0.7	-0.2
12/28/2020 4:24 PM	3.1	2.6	---	0.7	-0.2
12/28/2020 4:30 PM	3.0	2.6	---	0.7	-0.2
12/28/2020 4:36 PM	2.9	2.6	---	0.7	-0.2
12/28/2020 4:42 PM	2.7	2.6	---	0.7	-0.2
12/28/2020 4:48 PM	2.7	2.6	---	0.7	-0.2
12/28/2020 4:54 PM	2.7	2.6	---	0.7	-0.2
12/28/2020 5:00 PM	2.6	2.6	---	0.7	-0.2
12/28/2020 5:06 PM	2.5	2.7	---	0.7	-0.2
12/28/2020 5:12 PM	2.5	2.7	---	0.8	-0.2
12/28/2020 5:18 PM	2.5	2.7	---	0.8	-0.1
12/28/2020 5:24 PM	2.5	2.8	---	0.7	-0.2
12/28/2020 5:30 PM	2.4	2.8	---	0.7	-0.2
12/28/2020 5:36 PM	2.4	2.8	---	0.7	-0.2
12/28/2020 5:42 PM	2.4	2.8	---	0.7	-0.2
12/28/2020 5:48 PM	2.4	2.8	---	0.8	-0.2
12/28/2020 5:54 PM	2.4	2.8	---	0.8	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/28/2020 6:00 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 6:06 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 6:12 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 6:18 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 6:24 PM	2.3	2.9	---	0.7	-0.2
12/28/2020 6:30 PM	2.3	2.9	---	0.7	-0.2
12/28/2020 6:36 PM	2.3	2.9	---	0.7	-0.2
12/28/2020 6:42 PM	2.3	2.9	---	0.7	-0.2
12/28/2020 6:48 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 6:54 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 7:00 PM	2.3	2.9	---	0.8	-0.2
12/28/2020 7:06 PM	2.4	3.0	---	0.8	-0.2
12/28/2020 7:12 PM	2.4	3.1	---	0.8	-0.2
12/28/2020 7:18 PM	2.4	3.2	---	0.8	-0.2
12/28/2020 7:24 PM	2.4	3.3	---	0.8	-0.2
12/28/2020 7:30 PM	2.4	3.3	---	0.8	-0.2
12/28/2020 7:36 PM	2.4	3.3	---	0.8	-0.2
12/28/2020 7:42 PM	2.5	3.4	---	0.8	-0.2
12/28/2020 7:48 PM	2.4	3.4	---	0.8	-0.2
12/28/2020 7:54 PM	2.3	3.5	---	0.8	3.6
12/28/2020 8:00 PM	2.3	3.5	---	0.8	7.7
12/28/2020 8:06 PM	2.5	3.5	---	0.8	5.8
12/28/2020 8:12 PM	2.6	3.5	---	0.8	5.1
12/28/2020 8:18 PM	2.9	3.5	---	0.7	4.6
12/28/2020 8:24 PM	3.1	3.4	---	0.7	3.9
12/28/2020 8:30 PM	3.3	3.3	---	0.8	3.2
12/28/2020 8:36 PM	3.5	3.2	---	0.8	2.7
12/28/2020 8:42 PM	3.7	3.1	---	0.8	2.5
12/28/2020 8:48 PM	3.8	3.1	---	0.8	2.3
12/28/2020 8:54 PM	4.0	3.1	---	0.7	2.2
12/28/2020 9:00 PM	4.2	3.1	---	0.8	2.1
12/28/2020 9:06 PM	4.3	3.1	---	0.8	2.1
12/28/2020 9:12 PM	4.5	3.1	---	0.8	2.0
12/28/2020 9:18 PM	4.6	3.2	---	0.8	2.0
12/28/2020 9:24 PM	4.7	3.2	---	0.8	2.0
12/28/2020 9:30 PM	4.9	3.2	---	0.8	1.9
12/28/2020 9:36 PM	4.9	3.2	---	0.8	1.9
12/28/2020 9:42 PM	5.0	3.2	---	0.8	1.8
12/28/2020 9:48 PM	5.1	3.2	---	0.8	1.9
12/28/2020 9:54 PM	5.2	3.1	---	0.8	1.9
12/28/2020 10:00 PM	5.2	3.1	---	0.8	1.8
12/28/2020 10:06 PM	5.3	3.1	---	0.8	1.8
12/28/2020 10:12 PM	5.3	3.0	---	0.8	1.8
12/28/2020 10:18 PM	5.3	3.0	---	0.8	1.8
12/28/2020 10:24 PM	5.4	2.9	---	0.8	1.8
12/28/2020 10:30 PM	5.4	2.9	---	0.8	1.8
12/28/2020 10:36 PM	5.5	2.9	---	0.8	1.8
12/28/2020 10:42 PM	5.6	2.9	---	0.8	1.8
12/28/2020 10:48 PM	5.6	2.8	---	0.8	1.7
12/28/2020 10:54 PM	5.6	2.8	---	0.8	1.7

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
%	%	%	%	%	%
12/28/2020 11:00 PM	5.6	2.8	---	0.8	1.7
12/28/2020 11:06 PM	5.6	2.8	---	0.8	1.8
12/28/2020 11:12 PM	5.7	2.8	---	0.8	1.8
12/28/2020 11:18 PM	5.7	2.9	---	0.8	1.7
12/28/2020 11:24 PM	5.7	2.9	---	0.8	1.8
12/28/2020 11:30 PM	5.7	2.9	---	0.8	1.8
12/28/2020 11:36 PM	5.7	2.9	---	0.8	1.8
12/28/2020 11:42 PM	5.7	2.9	---	0.8	1.8
12/28/2020 11:48 PM	5.6	2.9	---	0.8	1.8
12/28/2020 11:54 PM	5.6	2.8	---	0.8	1.8
12/29/2020 12:00 AM	5.6	2.7	---	0.8	1.8
12/29/2020 12:06 AM	5.6	2.6	---	0.8	1.8
12/29/2020 12:12 AM	5.6	2.6	---	0.8	1.8
12/29/2020 12:18 AM	5.6	2.5	---	0.8	1.8
12/29/2020 12:24 AM	5.7	2.5	---	0.8	1.8
12/29/2020 12:30 AM	5.7	2.4	---	1.0	1.3
12/29/2020 12:36 AM	5.6	2.4	---	1.1	0.3
12/29/2020 12:42 AM	5.7	2.4	---	1.0	-0.1
12/29/2020 12:48 AM	5.6	2.4	---	1.0	-0.1
12/29/2020 12:54 AM	5.7	2.3	---	1.0	-0.1
12/29/2020 1:00 AM	5.7	2.4	---	1.1	-0.1
12/29/2020 1:06 AM	5.8	2.3	---	1.0	-0.2
12/29/2020 1:12 AM	5.8	2.3	---	1.0	-0.1
12/29/2020 1:18 AM	5.7	2.2	---	0.9	-0.2
12/29/2020 1:24 AM	5.7	2.2	---	0.9	-0.2
12/29/2020 1:30 AM	5.7	2.2	---	0.9	-0.2
12/29/2020 1:36 AM	5.8	2.2	---	0.9	-0.2
12/29/2020 1:42 AM	5.7	2.1	---	0.9	-0.2
12/29/2020 1:48 AM	5.7	2.1	---	0.9	-0.2
12/29/2020 1:54 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 2:00 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 2:06 AM	5.7	2.1	---	1.0	-0.2
12/29/2020 2:12 AM	5.7	2.1	---	0.9	-0.2
12/29/2020 2:18 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 2:24 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 2:30 AM	5.7	2.0	---	0.9	-0.2
12/29/2020 2:36 AM	5.8	2.0	---	1.0	-0.2
12/29/2020 2:42 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 2:48 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 2:54 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:00 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:06 AM	5.9	2.0	---	0.9	-0.2
12/29/2020 3:12 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:18 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:24 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:30 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:36 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:42 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:48 AM	5.8	2.0	---	0.9	-0.2
12/29/2020 3:54 AM	5.8	2.0	---	0.9	-0.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/29/2020 4:00 AM	5.9	2.0	---	0.9	-0.2
12/29/2020 4:06 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 4:12 AM	5.8	2.0	---	1.0	-0.2
12/29/2020 4:18 AM	5.8	2.0	---	1.0	-0.2
12/29/2020 4:24 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 4:30 AM	5.8	2.1	---	1.0	-0.2
12/29/2020 4:36 AM	5.8	2.1	---	1.0	-0.2
12/29/2020 4:42 AM	5.8	2.1	---	1.0	-0.2
12/29/2020 4:48 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 4:54 AM	5.8	2.1	---	0.9	-0.2
12/29/2020 5:00 AM	5.8	2.2	---	0.9	-0.2
12/29/2020 5:06 AM	5.8	2.3	---	0.9	-0.2
12/29/2020 5:12 AM	5.8	2.4	---	0.9	-0.2
12/29/2020 5:18 AM	5.7	2.4	---	0.9	-0.2
12/29/2020 5:24 AM	5.7	2.5	---	0.9	-0.2
12/29/2020 5:30 AM	5.7	2.6	---	0.9	-0.2
12/29/2020 5:36 AM	5.7	2.6	---	1.0	-0.2
12/29/2020 5:42 AM	5.6	2.6	---	1.1	-0.2
12/29/2020 5:48 AM	5.6	2.6	---	1.0	-0.2
12/29/2020 5:54 AM	5.6	2.6	---	1.0	-0.2
12/29/2020 6:00 AM	5.6	2.6	---	1.1	-0.3
12/29/2020 6:06 AM	5.6	2.6	---	1.0	-0.3
12/29/2020 6:12 AM	5.6	2.6	---	1.1	-0.2
12/29/2020 6:18 AM	5.6	2.6	---	1.1	-0.3
12/29/2020 6:24 AM	5.6	2.5	---	1.0	-0.2
12/29/2020 6:30 AM	5.7	2.5	---	1.1	-0.3
12/29/2020 6:36 AM	5.7	2.5	---	1.1	-0.2
12/29/2020 6:42 AM	5.6	2.4	---	1.0	-0.2
12/29/2020 6:48 AM	5.6	2.4	---	1.0	-0.2
12/29/2020 6:54 AM	5.7	2.4	---	1.0	-0.2
12/29/2020 7:00 AM	5.7	2.4	---	1.0	-0.2
12/29/2020 7:06 AM	5.7	2.3	---	1.0	-0.2
12/29/2020 7:12 AM	5.7	2.3	---	1.0	-0.2
12/29/2020 7:18 AM	5.7	2.2	---	1.0	-0.3
12/29/2020 7:24 AM	5.6	2.2	---	1.1	-0.2
12/29/2020 7:30 AM	5.6	2.2	---	1.0	-0.2
12/29/2020 7:36 AM	5.6	2.2	---	1.0	-0.3
12/29/2020 7:42 AM	5.7	2.2	---	1.0	-0.3
12/29/2020 7:48 AM	5.7	2.2	---	1.0	-0.3
12/29/2020 7:54 AM	7.1	2.2	---	1.1	-0.2
12/29/2020 8:00 AM	8.9	2.3	---	0.8	-0.2
12/29/2020 8:06 AM	7.4	2.2	---	0.1	-0.3
12/29/2020 8:12 AM	6.2	2.1	---	-0.4	-0.2
12/29/2020 8:18 AM	6.2	1.9	---	-0.4	-0.2
12/29/2020 8:24 AM	5.2	1.8	---	-0.4	-0.2
12/29/2020 8:30 AM	4.0	1.8	---	-0.4	-0.3
12/29/2020 8:36 AM	4.6	1.9	---	-0.4	-0.3
12/29/2020 8:42 AM	5.9	1.9	---	-0.4	-0.3
12/29/2020 8:48 AM	7.1	2.0	---	-0.4	-0.2
12/29/2020 8:54 AM	7.7	2.1	---	-0.4	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/29/2020 9:00 AM	8.1	2.2	---	-0.4	-0.3
12/29/2020 9:06 AM	8.4	2.3	---	-0.4	-0.3
12/29/2020 9:12 AM	8.6	2.4	---	-0.4	-0.3
12/29/2020 9:18 AM	8.7	2.4	---	-0.4	-0.3
12/29/2020 9:24 AM	8.6	2.4	---	-0.4	-0.3
12/29/2020 9:30 AM	8.5	2.4	---	-0.4	-0.3
12/29/2020 9:36 AM	8.4	2.3	---	-0.4	-0.3
12/29/2020 9:42 AM	8.2	2.2	---	-0.4	-0.3
12/29/2020 9:48 AM	7.9	2.2	---	-0.4	-0.3
12/29/2020 9:54 AM	7.7	2.1	---	-0.4	-0.3
12/29/2020 10:00 AM	7.7	2.1	---	-0.3	-0.3
12/29/2020 10:06 AM	7.7	2.0	---	1.6	-0.3
12/29/2020 10:12 AM	7.2	2.0	---	1.7	-0.3
12/29/2020 10:18 AM	5.3	2.0	---	1.4	-0.3
12/29/2020 10:24 AM	3.6	2.0	---	1.3	-0.3
12/29/2020 10:30 AM	3.0	1.9	---	1.3	-0.3
12/29/2020 10:36 AM	2.7	1.9	---	1.3	-0.3
12/29/2020 10:42 AM	2.4	2.0	---	1.3	-0.3
12/29/2020 10:48 AM	2.3	2.0	---	1.3	-0.3
12/29/2020 10:54 AM	2.2	1.9	---	1.3	-0.3
12/29/2020 11:00 AM	2.1	1.8	---	1.2	-0.3
12/29/2020 11:06 AM	2.0	1.7	---	1.2	-0.3
12/29/2020 11:12 AM	2.5	1.5	---	1.2	-0.3
12/29/2020 11:18 AM	3.7	1.3	---	1.1	-0.3
12/29/2020 11:24 AM	4.6	1.3	---	1.1	-0.3
12/29/2020 11:30 AM	5.0	1.3	---	1.0	-0.3
12/29/2020 11:36 AM	5.1	1.3	---	1.0	-0.3
12/29/2020 11:42 AM	5.0	1.3	---	1.0	-0.3
12/29/2020 11:48 AM	4.7	1.4	---	1.0	-0.3
12/29/2020 11:54 AM	4.4	1.6	---	1.0	-0.3
12/29/2020 12:00 PM	4.3	1.7	---	0.9	-0.3
12/29/2020 12:06 PM	4.4	1.9	---	1.1	-0.2
12/29/2020 12:12 PM	4.2	2.0	---	1.1	-0.2
12/29/2020 12:18 PM	3.9	2.1	---	1.0	-0.2
12/29/2020 12:24 PM	3.6	2.0	---	1.0	-0.2
12/29/2020 12:30 PM	3.5	1.8	---	1.0	-0.2
12/29/2020 12:36 PM	3.4	1.5	---	1.0	-0.2
12/29/2020 12:42 PM	3.3	1.4	---	1.0	-0.2
12/29/2020 12:48 PM	3.2	1.3	---	1.0	-0.2
12/29/2020 12:54 PM	3.1	1.3	---	1.0	-0.2
12/29/2020 1:00 PM	3.0	1.3	---	0.9	-0.2
12/29/2020 1:06 PM	3.0	1.3	---	0.9	-0.2
12/29/2020 1:12 PM	2.9	1.3	---	0.9	-0.2
12/29/2020 1:18 PM	2.9	1.3	---	1.0	-0.2
12/29/2020 1:24 PM	2.8	1.3	---	1.0	-0.2
12/29/2020 1:30 PM	2.7	1.4	---	1.0	-0.2
12/29/2020 1:36 PM	2.7	1.6	---	1.0	-0.2
12/29/2020 1:42 PM	2.8	1.8	---	0.9	-0.2
12/29/2020 1:48 PM	2.7	1.9	---	1.0	-0.2
12/29/2020 1:54 PM	2.7	2.0	---	1.0	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/29/2020 2:00 PM	2.7	2.1	---	1.0	-0.2
12/29/2020 2:06 PM	2.6	2.2	---	1.0	-0.2
12/29/2020 2:12 PM	2.7	2.2	---	1.0	-0.2
12/29/2020 2:18 PM	2.6	2.2	---	0.9	-0.2
12/29/2020 2:24 PM	2.6	2.1	---	0.9	-0.2
12/29/2020 2:30 PM	2.6	2.1	---	0.9	-0.2
12/29/2020 2:36 PM	2.6	2.0	---	0.9	-0.2
12/29/2020 2:42 PM	2.6	2.0	---	1.0	-0.2
12/29/2020 2:48 PM	2.6	1.9	---	0.9	-0.2
12/29/2020 2:54 PM	2.6	1.7	---	1.0	-0.2
12/29/2020 3:00 PM	2.6	1.7	---	1.0	-0.2
12/29/2020 3:06 PM	2.7	1.8	---	0.9	-0.2
12/29/2020 3:12 PM	2.7	1.6	---	0.9	-0.2
12/29/2020 3:18 PM	2.6	1.5	---	0.9	-0.2
12/29/2020 3:24 PM	2.6	1.5	---	0.9	-0.2
12/29/2020 3:30 PM	2.6	1.5	---	1.0	-0.2
12/29/2020 3:36 PM	2.6	1.5	---	1.0	-0.2
12/29/2020 3:42 PM	2.6	1.6	---	1.0	-0.2
12/29/2020 3:48 PM	2.6	1.7	---	0.9	-0.2
12/29/2020 3:54 PM	2.5	1.8	---	0.9	-0.2
12/29/2020 4:00 PM	2.5	1.9	---	1.0	-0.2
12/29/2020 4:06 PM	2.6	2.0	---	1.0	-0.2
12/29/2020 4:12 PM	2.5	2.1	---	0.9	-0.2
12/29/2020 4:18 PM	2.5	2.1	---	0.8	-0.2
12/29/2020 4:24 PM	2.6	2.1	---	0.8	-0.2
12/29/2020 4:30 PM	2.6	2.2	---	0.8	-0.2
12/29/2020 4:36 PM	2.6	2.2	---	0.8	-0.2
12/29/2020 4:42 PM	2.7	2.2	---	0.8	-0.2
12/29/2020 4:48 PM	2.7	2.2	---	0.8	-0.2
12/29/2020 4:54 PM	2.7	2.3	---	0.8	-0.2
12/29/2020 5:00 PM	2.7	2.3	---	0.8	-0.2
12/29/2020 5:06 PM	2.7	2.3	---	0.8	-0.2
12/29/2020 5:12 PM	2.7	2.3	---	0.8	-0.2
12/29/2020 5:18 PM	2.8	2.3	---	0.8	-0.2
12/29/2020 5:24 PM	2.8	2.3	---	0.8	-0.2
12/29/2020 5:30 PM	2.8	2.3	---	0.9	-0.2
12/29/2020 5:36 PM	2.8	2.3	---	0.8	-0.2
12/29/2020 5:42 PM	2.8	2.3	---	0.9	-0.2
12/29/2020 5:48 PM	2.8	2.3	---	0.9	-0.2
12/29/2020 5:54 PM	2.8	2.3	---	0.9	-0.2
12/29/2020 6:00 PM	2.7	2.4	---	0.9	-0.2
12/29/2020 6:06 PM	2.7	2.4	---	0.8	-0.2
12/29/2020 6:12 PM	2.7	2.4	---	0.8	-0.2
12/29/2020 6:18 PM	2.7	2.5	---	0.8	-0.2
12/29/2020 6:24 PM	2.7	2.5	---	0.8	-0.2
12/29/2020 6:30 PM	2.7	2.5	---	0.8	-0.2
12/29/2020 6:36 PM	2.7	2.5	---	0.8	-0.2
12/29/2020 6:42 PM	2.7	2.5	---	0.8	-0.2
12/29/2020 6:48 PM	2.7	2.6	---	0.8	-0.2
12/29/2020 6:54 PM	2.8	2.6	---	0.8	-0.2

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/29/2020 7:00 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:06 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:12 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:18 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:24 PM	2.8	2.6	---	0.8	-0.2
12/29/2020 7:30 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:36 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:42 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:48 PM	2.8	2.6	---	0.9	-0.2
12/29/2020 7:54 PM	2.8	2.7	---	0.9	-0.2
12/29/2020 8:00 PM	2.8	2.7	---	0.9	-0.2
12/29/2020 8:06 PM	2.8	2.7	---	0.9	-0.2
12/29/2020 8:12 PM	2.8	2.7	---	0.9	-0.2
12/29/2020 8:18 PM	2.8	2.7	---	0.9	-0.2
12/29/2020 8:24 PM	2.7	2.8	---	0.9	-0.2
12/29/2020 8:30 PM	2.7	2.8	---	0.8	-0.2
12/29/2020 8:36 PM	2.8	2.8	---	0.9	-0.2
12/29/2020 8:42 PM	2.7	2.8	---	0.9	-0.2
12/29/2020 8:48 PM	2.7	2.8	---	0.9	-0.2
12/29/2020 8:54 PM	2.7	2.8	---	0.9	-0.2
12/29/2020 9:00 PM	2.7	2.8	---	0.9	-0.2
12/29/2020 9:06 PM	2.8	2.8	---	0.9	-0.2
12/29/2020 9:12 PM	2.8	2.8	---	0.8	-0.2
12/29/2020 9:18 PM	2.8	2.8	---	0.8	-0.2
12/29/2020 9:24 PM	2.8	2.9	---	0.8	-0.2
12/29/2020 9:30 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 9:36 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 9:42 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 9:48 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 9:54 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 10:00 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 10:06 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 10:12 PM	2.7	2.9	---	0.9	-0.2
12/29/2020 10:18 PM	2.8	3.0	---	0.9	-0.2
12/29/2020 10:24 PM	2.7	3.0	---	0.9	-0.2
12/29/2020 10:30 PM	2.6	3.0	---	0.9	-0.2
12/29/2020 10:36 PM	2.6	3.0	---	0.9	-0.2
12/29/2020 10:42 PM	2.7	3.1	---	0.9	-0.2
12/29/2020 10:48 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 10:54 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 11:00 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 11:06 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 11:12 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 11:18 PM	2.6	3.1	---	0.9	-0.2
12/29/2020 11:24 PM	2.6	3.2	---	0.8	-0.2
12/29/2020 11:30 PM	2.6	3.2	---	0.9	-0.2
12/29/2020 11:36 PM	2.6	3.2	---	0.9	-0.2
12/29/2020 11:42 PM	2.6	3.2	---	0.9	-0.2
12/29/2020 11:48 PM	2.6	3.3	---	0.9	-0.2
12/29/2020 11:54 PM	2.5	3.3	---	0.9	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/30/2020 12:00 AM	2.4	3.3	---	0.9	-0.2
12/30/2020 12:06 AM	2.4	3.3	---	0.9	-0.2
12/30/2020 12:12 AM	2.5	3.4	---	0.9	-0.2
12/30/2020 12:18 AM	2.6	3.4	---	0.9	-0.2
12/30/2020 12:24 AM	2.6	3.4	---	0.9	-0.2
12/30/2020 12:30 AM	2.6	3.4	---	0.9	-0.2
12/30/2020 12:36 AM	2.4	3.3	---	1.2	-0.2
12/30/2020 12:42 AM	2.4	3.3	---	1.4	-0.2
12/30/2020 12:48 AM	2.4	3.4	---	1.1	-0.2
12/30/2020 12:54 AM	2.4	3.4	---	1.0	-0.2
12/30/2020 1:00 AM	2.5	3.4	---	1.0	-0.2
12/30/2020 1:06 AM	2.6	3.5	---	1.0	-0.2
12/30/2020 1:12 AM	2.8	3.5	---	1.0	-0.2
12/30/2020 1:18 AM	2.9	3.5	---	0.9	-0.2
12/30/2020 1:24 AM	3.1	3.5	---	0.9	-0.2
12/30/2020 1:30 AM	3.2	3.5	---	0.9	-0.2
12/30/2020 1:36 AM	3.4	3.5	---	0.9	-0.2
12/30/2020 1:42 AM	3.5	3.5	---	0.9	-0.2
12/30/2020 1:48 AM	3.7	3.5	---	1.0	-0.2
12/30/2020 1:54 AM	3.7	3.5	---	1.0	-0.2
12/30/2020 2:00 AM	3.9	3.5	---	1.0	-0.2
12/30/2020 2:06 AM	3.9	3.5	---	1.0	-0.2
12/30/2020 2:12 AM	3.9	3.5	---	1.0	-0.2
12/30/2020 2:18 AM	4.0	3.5	---	1.0	-0.2
12/30/2020 2:24 AM	4.1	3.5	---	1.0	-0.2
12/30/2020 2:30 AM	4.2	3.5	---	1.0	-0.2
12/30/2020 2:36 AM	4.2	3.5	---	1.1	-0.2
12/30/2020 2:42 AM	4.2	3.5	---	1.1	-0.2
12/30/2020 2:48 AM	4.3	3.5	---	1.1	-0.2
12/30/2020 2:54 AM	4.3	3.5	---	1.1	-0.2
12/30/2020 3:00 AM	4.3	3.5	---	1.1	-0.2
12/30/2020 3:06 AM	4.4	3.5	---	1.0	-0.2
12/30/2020 3:12 AM	4.5	3.5	---	1.0	-0.2
12/30/2020 3:18 AM	4.6	3.6	---	1.1	-0.2
12/30/2020 3:24 AM	4.6	3.6	---	1.1	-0.2
12/30/2020 3:30 AM	4.5	3.6	---	1.1	-0.2
12/30/2020 3:36 AM	4.5	3.6	---	1.1	-0.2
12/30/2020 3:42 AM	4.5	3.6	---	1.1	-0.2
12/30/2020 3:48 AM	4.6	3.6	---	1.1	-0.2
12/30/2020 3:54 AM	4.7	3.7	---	1.1	-0.2
12/30/2020 4:00 AM	4.8	3.7	---	1.1	-0.2
12/30/2020 4:06 AM	4.8	3.7	---	1.1	-0.2
12/30/2020 4:12 AM	4.8	3.7	---	1.1	-0.2
12/30/2020 4:18 AM	4.8	3.7	---	1.1	-0.2
12/30/2020 4:24 AM	4.9	3.7	---	1.1	-0.2
12/30/2020 4:30 AM	4.9	3.7	---	1.1	-0.2
12/30/2020 4:36 AM	4.9	3.7	---	1.1	-0.2
12/30/2020 4:42 AM	4.9	3.7	---	1.1	-0.2
12/30/2020 4:48 AM	4.9	3.7	---	1.1	-0.2
12/30/2020 4:54 AM	5.0	3.7	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/30/2020 5:00 AM	5.0	3.7	---	1.1	-0.2
12/30/2020 5:06 AM	4.9	3.6	---	1.1	-0.2
12/30/2020 5:12 AM	4.9	3.6	---	1.2	-0.2
12/30/2020 5:18 AM	5.0	3.5	---	1.1	-0.2
12/30/2020 5:24 AM	5.0	3.5	---	1.1	-0.2
12/30/2020 5:30 AM	5.0	3.5	---	1.1	-0.2
12/30/2020 5:36 AM	5.1	3.5	---	1.1	-0.2
12/30/2020 5:42 AM	5.1	3.5	---	1.1	-0.2
12/30/2020 5:48 AM	5.1	3.5	---	1.1	-0.2
12/30/2020 5:54 AM	5.1	3.5	---	1.1	-0.2
12/30/2020 6:00 AM	5.2	3.5	---	1.1	-0.2
12/30/2020 6:06 AM	5.1	3.5	---	1.2	-0.2
12/30/2020 6:12 AM	5.2	3.5	---	1.2	-0.2
12/30/2020 6:18 AM	5.2	3.5	---	1.2	-0.2
12/30/2020 6:24 AM	5.3	3.5	---	1.3	-0.2
12/30/2020 6:30 AM	5.3	3.5	---	1.2	-0.2
12/30/2020 6:36 AM	5.4	3.5	---	1.2	-0.2
12/30/2020 6:42 AM	5.4	3.6	---	1.1	-0.2
12/30/2020 6:48 AM	5.4	3.6	---	1.1	-0.2
12/30/2020 6:54 AM	5.5	3.6	---	1.2	-0.2
12/30/2020 7:00 AM	5.5	3.7	---	1.2	-0.2
12/30/2020 7:06 AM	5.6	3.7	---	1.2	-0.2
12/30/2020 7:12 AM	5.6	3.7	---	1.2	-0.2
12/30/2020 7:18 AM	5.6	3.8	---	1.2	-0.2
12/30/2020 7:24 AM	5.7	3.9	---	1.2	-0.2
12/30/2020 7:30 AM	5.6	3.9	---	1.2	-0.2
12/30/2020 7:36 AM	5.6	3.9	---	1.1	-0.2
12/30/2020 7:42 AM	5.6	3.9	---	1.1	-0.2
12/30/2020 7:48 AM	5.7	3.9	---	1.2	-0.2
12/30/2020 7:54 AM	5.7	4.0	---	1.2	-0.2
12/30/2020 8:00 AM	5.7	4.0	---	1.2	-0.2
12/30/2020 8:06 AM	5.7	4.0	---	1.2	-0.2
12/30/2020 8:12 AM	5.7	4.1	---	1.2	-0.2
12/30/2020 8:18 AM	5.7	4.1	---	1.2	-0.2
12/30/2020 8:24 AM	5.6	4.1	---	1.1	-0.2
12/30/2020 8:30 AM	5.6	4.2	---	1.1	-0.2
12/30/2020 8:36 AM	5.5	4.2	---	1.1	-0.2
12/30/2020 8:42 AM	5.5	4.2	---	1.0	-0.2
12/30/2020 8:48 AM	5.6	4.2	---	1.1	-0.2
12/30/2020 8:54 AM	5.6	4.3	---	1.1	-0.2
12/30/2020 9:00 AM	5.7	4.3	---	1.1	-0.2
12/30/2020 9:06 AM	5.6	4.3	---	1.1	-0.2
12/30/2020 9:12 AM	5.6	4.4	---	1.1	-0.2
12/30/2020 9:18 AM	5.6	4.4	---	1.1	-0.2
12/30/2020 9:24 AM	5.6	4.4	---	1.1	-0.2
12/30/2020 9:30 AM	5.6	4.5	---	1.1	-0.2
12/30/2020 9:36 AM	5.6	4.5	---	1.1	-0.2
12/30/2020 9:42 AM	5.6	4.6	---	1.1	-0.2
12/30/2020 9:48 AM	5.6	4.6	---	1.1	-0.2
12/30/2020 9:54 AM	5.5	4.7	---	1.1	-0.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/30/2020 10:00 AM	5.5	4.7	---	1.2	-0.2
12/30/2020 10:06 AM	5.5	4.6	---	1.1	-0.2
12/30/2020 10:12 AM	5.5	4.6	---	1.1	-0.2
12/30/2020 10:18 AM	5.5	4.5	---	1.1	-0.2
12/30/2020 10:24 AM	5.5	4.5	---	1.1	-0.2
12/30/2020 10:30 AM	5.5	4.5	---	1.1	-0.2
12/30/2020 10:36 AM	5.5	4.5	---	1.1	9.2
12/30/2020 10:42 AM	5.4	4.5	---	1.1	13.5
12/30/2020 10:48 AM	5.3	4.3	---	1.1	6.9
12/30/2020 10:54 AM	5.1	4.2	---	1.2	4.5
12/30/2020 11:00 AM	4.9	4.0	---	1.2	4.0
12/30/2020 11:06 AM	4.7	3.7	---	1.2	4.2
12/30/2020 11:12 AM	4.7	3.5	---	1.3	4.3
12/30/2020 11:18 AM	4.7	3.3	---	1.2	4.1
12/30/2020 11:24 AM	4.6	3.2	---	1.2	3.6
12/30/2020 11:30 AM	4.5	3.3	---	1.2	2.8
12/30/2020 11:36 AM	4.5	3.3	---	1.1	2.5
12/30/2020 11:42 AM	4.6	3.4	---	1.2	2.3
12/30/2020 11:48 AM	4.7	3.5	---	1.2	2.2
12/30/2020 11:54 AM	4.8	3.5	---	1.1	2.1
12/30/2020 12:00 PM	4.9	3.5	---	1.2	2.0
12/30/2020 12:06 PM	5.1	3.6	---	1.2	1.9
12/30/2020 12:12 PM	5.2	3.6	---	1.1	1.9
12/30/2020 12:18 PM	5.1	3.6	---	1.1	1.9
12/30/2020 12:24 PM	5.0	3.5	---	1.1	1.9
12/30/2020 12:30 PM	4.9	3.3	---	1.2	1.9
12/30/2020 12:36 PM	4.9	3.2	---	1.2	1.9
12/30/2020 12:42 PM	5.1	3.2	---	1.2	1.8
12/30/2020 12:48 PM	5.2	3.3	---	1.1	1.8
12/30/2020 12:54 PM	5.3	3.4	---	1.1	1.8
12/30/2020 1:00 PM	5.5	3.5	---	1.1	1.8
12/30/2020 1:06 PM	5.5	3.7	---	1.1	1.8
12/30/2020 1:12 PM	5.5	3.8	---	1.2	1.8
12/30/2020 1:18 PM	5.6	3.9	---	1.2	1.8
12/30/2020 1:24 PM	5.7	4.0	---	1.2	1.8
12/30/2020 1:30 PM	5.7	4.1	---	1.2	1.7
12/30/2020 1:36 PM	5.8	4.2	---	1.1	1.8
12/30/2020 1:42 PM	5.9	4.2	---	1.1	1.8
12/30/2020 1:48 PM	5.8	4.3	---	1.1	1.8
12/30/2020 1:54 PM	5.8	4.3	---	1.1	1.8
12/30/2020 2:00 PM	5.9	4.3	---	1.0	1.8
12/30/2020 2:06 PM	5.8	4.3	---	1.0	1.8
12/30/2020 2:12 PM	5.9	4.3	---	1.1	1.8
12/30/2020 2:18 PM	6.0	4.2	---	1.0	1.8
12/30/2020 2:24 PM	6.0	4.2	---	1.1	1.7
12/30/2020 2:30 PM	6.0	4.2	---	1.1	1.7
12/30/2020 2:36 PM	6.0	4.2	---	1.1	1.7
12/30/2020 2:42 PM	6.0	4.2	---	1.1	1.8
12/30/2020 2:48 PM	6.0	4.2	---	1.1	1.8
12/30/2020 2:54 PM	6.0	4.2	---	1.1	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/30/2020 3:00 PM	6.0	4.1	---	1.1	1.8
12/30/2020 3:06 PM	6.0	4.1	---	1.1	1.8
12/30/2020 3:12 PM	6.0	4.0	---	1.2	1.8
12/30/2020 3:18 PM	6.1	4.0	---	1.1	1.8
12/30/2020 3:24 PM	6.1	3.9	---	1.1	1.8
12/30/2020 3:30 PM	6.1	3.8	---	1.2	1.8
12/30/2020 3:36 PM	6.1	3.8	---	1.1	1.7
12/30/2020 3:42 PM	6.2	3.7	---	1.1	1.7
12/30/2020 3:48 PM	6.2	3.6	---	1.1	1.7
12/30/2020 3:54 PM	6.2	3.6	---	1.1	1.7
12/30/2020 4:00 PM	6.2	3.6	---	1.0	1.7
12/30/2020 4:06 PM	6.2	3.5	---	1.0	1.8
12/30/2020 4:12 PM	6.2	3.6	---	1.1	1.8
12/30/2020 4:18 PM	6.2	3.6	---	1.0	1.8
12/30/2020 4:24 PM	6.2	3.5	---	1.0	1.8
12/30/2020 4:30 PM	6.2	3.5	---	1.1	1.8
12/30/2020 4:36 PM	6.2	3.5	---	1.1	1.8
12/30/2020 4:42 PM	6.3	3.5	---	1.0	1.8
12/30/2020 4:48 PM	6.4	3.5	---	1.0	1.8
12/30/2020 4:54 PM	6.4	3.5	---	1.0	1.8
12/30/2020 5:00 PM	6.4	3.5	---	1.1	1.8
12/30/2020 5:06 PM	6.4	3.6	---	1.1	1.8
12/30/2020 5:12 PM	6.5	3.6	---	1.1	1.8
12/30/2020 5:18 PM	6.5	3.7	---	1.1	1.8
12/30/2020 5:24 PM	6.5	3.7	---	1.1	1.8
12/30/2020 5:30 PM	6.5	3.7	---	1.1	1.8
12/30/2020 5:36 PM	6.5	3.7	---	1.1	1.8
12/30/2020 5:42 PM	6.4	3.8	---	1.1	1.8
12/30/2020 5:48 PM	6.4	3.8	---	1.1	1.8
12/30/2020 5:54 PM	6.5	3.7	---	1.1	1.8
12/30/2020 6:00 PM	6.5	3.8	---	1.1	1.8
12/30/2020 6:06 PM	6.5	3.8	---	1.1	1.8
12/30/2020 6:12 PM	6.4	3.8	---	1.1	1.8
12/30/2020 6:18 PM	6.3	3.8	---	1.1	1.8
12/30/2020 6:24 PM	6.3	3.8	---	1.1	1.8
12/30/2020 6:30 PM	6.3	3.8	---	1.1	1.7
12/30/2020 6:36 PM	6.3	3.8	---	1.1	1.8
12/30/2020 6:42 PM	6.4	3.8	---	1.1	1.8
12/30/2020 6:48 PM	6.3	3.8	---	1.1	1.8
12/30/2020 6:54 PM	6.3	3.8	---	1.1	1.8
12/30/2020 7:00 PM	6.3	3.7	---	1.1	1.8
12/30/2020 7:06 PM	6.3	3.7	---	1.1	1.8
12/30/2020 7:12 PM	6.2	3.7	---	1.1	1.8
12/30/2020 7:18 PM	6.2	3.7	---	1.1	1.8
12/30/2020 7:24 PM	6.2	3.6	---	1.0	1.8
12/30/2020 7:30 PM	6.2	3.6	---	1.0	1.8
12/30/2020 7:36 PM	6.2	3.6	---	1.0	1.8
12/30/2020 7:42 PM	6.2	3.6	---	1.1	1.7
12/30/2020 7:48 PM	6.2	3.7	---	1.0	1.7
12/30/2020 7:54 PM	6.3	3.6	---	1.0	1.7

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/30/2020 8:00 PM	6.3	3.7	---	1.0	1.8
12/30/2020 8:06 PM	6.3	3.6	---	1.1	1.8
12/30/2020 8:12 PM	6.3	3.6	---	1.1	1.8
12/30/2020 8:18 PM	6.3	3.6	---	1.1	1.8
12/30/2020 8:24 PM	6.3	3.5	---	1.1	1.8
12/30/2020 8:30 PM	6.4	3.5	---	1.1	1.8
12/30/2020 8:36 PM	6.4	3.5	---	1.1	1.8
12/30/2020 8:42 PM	6.4	3.5	---	1.1	1.8
12/30/2020 8:48 PM	6.5	3.5	---	1.0	1.8
12/30/2020 8:54 PM	6.5	3.5	---	1.1	1.8
12/30/2020 9:00 PM	6.5	3.5	---	1.1	1.8
12/30/2020 9:06 PM	6.4	3.5	---	1.0	1.8
12/30/2020 9:12 PM	6.4	3.5	---	1.0	1.8
12/30/2020 9:18 PM	6.4	3.5	---	1.0	1.8
12/30/2020 9:24 PM	6.5	3.5	---	1.0	1.8
12/30/2020 9:30 PM	6.5	3.5	---	1.1	1.7
12/30/2020 9:36 PM	6.5	3.5	---	1.1	1.7
12/30/2020 9:42 PM	6.5	3.5	---	1.1	1.7
12/30/2020 9:48 PM	6.5	3.5	---	1.0	1.8
12/30/2020 9:54 PM	6.4	3.5	---	1.0	1.8
12/30/2020 10:00 PM	6.5	3.5	---	1.1	1.8
12/30/2020 10:06 PM	6.5	3.4	---	1.0	1.7
12/30/2020 10:12 PM	6.5	3.4	---	0.9	1.5
12/30/2020 10:18 PM	6.5	3.4	---	1.1	0.4
12/30/2020 10:24 PM	6.4	3.5	---	1.7	2.5
12/30/2020 10:30 PM	6.4	3.5	---	1.5	3.9
12/30/2020 10:36 PM	6.3	3.6	---	1.1	2.3
12/30/2020 10:42 PM	6.3	3.7	---	1.1	2.0
12/30/2020 10:48 PM	6.4	3.8	---	1.1	2.0
12/30/2020 10:54 PM	6.3	3.8	---	1.0	1.9
12/30/2020 11:00 PM	6.3	3.9	---	1.0	1.9
12/30/2020 11:06 PM	6.4	3.9	---	1.0	1.9
12/30/2020 11:12 PM	6.3	3.9	---	1.1	1.9
12/30/2020 11:18 PM	6.4	3.9	---	1.1	1.8
12/30/2020 11:24 PM	6.4	4.0	---	1.0	1.8
12/30/2020 11:30 PM	6.4	4.0	---	1.0	1.8
12/30/2020 11:36 PM	6.4	4.0	---	1.1	1.9
12/30/2020 11:42 PM	6.3	4.0	---	1.0	1.9
12/30/2020 11:48 PM	6.4	4.0	---	1.0	1.9
12/30/2020 11:54 PM	6.4	4.0	---	1.0	1.8
12/31/2020 12:00 AM	6.5	4.0	---	1.0	1.8
12/31/2020 12:06 AM	6.5	4.0	---	1.0	1.8
12/31/2020 12:12 AM	6.5	4.1	---	1.0	1.8
12/31/2020 12:18 AM	6.5	4.1	---	1.0	1.8
12/31/2020 12:24 AM	6.4	4.1	---	1.0	1.8
12/31/2020 12:30 AM	6.4	4.1	---	1.0	1.8
12/31/2020 12:36 AM	6.5	4.1	---	1.0	1.8
12/31/2020 12:42 AM	6.5	4.1	---	0.9	1.9
12/31/2020 12:48 AM	6.5	4.1	---	0.3	2.1
12/31/2020 12:54 AM	6.5	4.1	---	-0.4	2.2

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/31/2020 1:00 AM	6.5	4.1	---	-0.4	2.1
12/31/2020 1:06 AM	6.5	4.0	---	-0.4	2.1
12/31/2020 1:12 AM	6.5	4.0	---	-0.4	2.1
12/31/2020 1:18 AM	6.6	4.0	---	-0.4	2.1
12/31/2020 1:24 AM	6.6	4.0	---	-0.4	2.1
12/31/2020 1:30 AM	6.6	4.0	---	-0.4	2.1
12/31/2020 1:36 AM	6.6	4.0	---	-0.4	2.1
12/31/2020 1:42 AM	6.6	4.0	---	-0.4	2.0
12/31/2020 1:48 AM	6.6	4.0	---	-0.4	2.1
12/31/2020 1:54 AM	6.7	4.0	---	-0.5	2.0
12/31/2020 2:00 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:06 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:12 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:18 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:24 AM	6.7	4.0	---	-0.4	2.1
12/31/2020 2:30 AM	6.7	4.0	---	-0.4	2.1
12/31/2020 2:36 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:42 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 2:48 AM	6.8	4.0	---	-0.4	2.0
12/31/2020 2:54 AM	6.7	4.0	---	-0.4	2.0
12/31/2020 3:00 AM	6.7	4.0	---	-0.5	2.0
12/31/2020 3:06 AM	6.8	4.0	---	-0.4	2.0
12/31/2020 3:12 AM	6.8	3.9	---	-0.4	2.0
12/31/2020 3:18 AM	6.8	3.9	---	-0.4	2.0
12/31/2020 3:24 AM	6.8	3.9	---	-0.4	2.0
12/31/2020 3:30 AM	6.8	3.9	---	-0.4	2.0
12/31/2020 3:36 AM	6.8	3.9	---	-0.4	2.0
12/31/2020 3:42 AM	6.8	4.0	---	-0.4	2.0
12/31/2020 3:48 AM	6.8	4.0	---	-0.4	2.1
12/31/2020 3:54 AM	6.8	4.0	---	-0.4	2.1
12/31/2020 4:00 AM	6.9	4.0	---	-0.4	2.1
12/31/2020 4:06 AM	6.8	4.0	---	-0.4	2.1
12/31/2020 4:12 AM	6.9	4.1	---	-0.4	2.1
12/31/2020 4:18 AM	6.8	4.2	---	-0.4	2.0
12/31/2020 4:24 AM	6.8	4.3	---	-0.4	2.0
12/31/2020 4:30 AM	6.8	4.4	---	-0.4	2.0
12/31/2020 4:36 AM	6.8	4.4	---	-0.4	2.0
12/31/2020 4:42 AM	6.8	4.4	---	-0.4	2.0
12/31/2020 4:48 AM	6.8	4.4	---	-0.4	2.6
12/31/2020 4:54 AM	6.8	4.4	---	-0.4	3.1
12/31/2020 5:00 AM	6.9	4.4	---	0.9	2.9
12/31/2020 5:06 AM	6.9	4.4	---	1.9	2.6
12/31/2020 5:12 AM	7.0	4.5	---	1.3	1.9
12/31/2020 5:18 AM	7.0	4.4	---	1.2	1.8
12/31/2020 5:24 AM	7.1	4.4	---	1.1	1.9
12/31/2020 5:30 AM	7.1	4.4	---	1.1	1.9
12/31/2020 5:36 AM	7.1	4.4	---	1.1	1.9
12/31/2020 5:42 AM	7.2	14.0	---	0.9	1.9
12/31/2020 5:48 AM	12.7	15.6	---	0.9	1.9
12/31/2020 5:54 AM	12.7	6.6	---	1.0	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/31/2020 6:00 AM	9.0	6.3	---	1.0	2.0
12/31/2020 6:06 AM	8.6	6.2	---	1.0	2.0
12/31/2020 6:12 AM	8.0	6.1	---	1.0	1.9
12/31/2020 6:18 AM	7.7	5.9	---	1.1	1.9
12/31/2020 6:24 AM	7.5	5.6	---	1.1	2.0
12/31/2020 6:30 AM	7.4	5.3	---	1.1	2.0
12/31/2020 6:36 AM	7.3	5.0	---	1.0	2.0
12/31/2020 6:42 AM	7.2	4.7	---	1.0	2.0
12/31/2020 6:48 AM	7.2	4.6	---	0.9	2.0
12/31/2020 6:54 AM	7.1	4.4	---	0.9	2.0
12/31/2020 7:00 AM	7.0	4.2	---	1.0	2.0
12/31/2020 7:06 AM	7.1	4.1	---	0.9	2.0
12/31/2020 7:12 AM	7.1	4.0	---	1.0	2.1
12/31/2020 7:18 AM	7.1	3.9	---	1.0	2.2
12/31/2020 7:24 AM	7.0	3.8	---	1.0	2.2
12/31/2020 7:30 AM	7.0	3.7	---	1.0	2.2
12/31/2020 7:36 AM	7.0	3.6	---	1.0	2.2
12/31/2020 7:42 AM	7.0	3.6	---	1.1	2.2
12/31/2020 7:48 AM	7.0	3.5	---	1.2	2.2
12/31/2020 7:54 AM	7.0	3.5	---	1.1	2.2
12/31/2020 8:00 AM	7.0	3.6	---	1.1	2.2
12/31/2020 8:06 AM	7.0	3.6	---	1.2	2.3
12/31/2020 8:12 AM	7.0	3.6	---	1.2	2.7
12/31/2020 8:18 AM	7.0	3.6	---	1.1	2.9
12/31/2020 8:24 AM	7.0	3.6	---	1.0	2.8
12/31/2020 8:30 AM	7.0	3.6	---	1.6	6.3
12/31/2020 8:36 AM	7.0	3.6	---	2.0	8.9
12/31/2020 8:42 AM	7.0	3.6	---	1.6	7.6
12/31/2020 8:48 AM	7.0	14.1	---	1.5	6.8
12/31/2020 8:54 AM	7.0	19.0	---	1.5	6.0
12/31/2020 9:00 AM	7.0	10.9	---	1.6	5.7
12/31/2020 9:06 AM	7.0	8.9	---	1.6	5.5
12/31/2020 9:12 AM	11.7	6.8	---	1.6	5.2
12/31/2020 9:18 AM	11.0	5.5	---	1.5	5.0
12/31/2020 9:24 AM	10.3	4.8	---	1.5	5.1
12/31/2020 9:30 AM	10.2	4.7	---	1.4	5.1
12/31/2020 9:36 AM	8.5	4.0	---	1.4	5.0
12/31/2020 9:42 AM	8.4	3.4	---	1.4	5.0
12/31/2020 9:48 AM	7.6	3.0	---	1.5	5.0
12/31/2020 9:54 AM	7.3	2.8	---	1.5	5.2
12/31/2020 10:00 AM	7.6	2.8	---	1.5	5.2
12/31/2020 10:06 AM	7.5	2.8	---	1.5	5.0
12/31/2020 10:12 AM	6.3	2.8	---	1.1	3.3
12/31/2020 10:18 AM	4.3	2.9	---	0.7	1.7
12/31/2020 10:24 AM	3.3	2.8	---	0.7	1.8
12/31/2020 10:30 AM	3.0	2.7	---	0.7	1.9
12/31/2020 10:36 AM	3.0	2.7	---	1.0	1.9
12/31/2020 10:42 AM	3.0	2.5	---	1.0	1.9
12/31/2020 10:48 AM	3.0	2.3	---	0.7	1.9
12/31/2020 10:54 AM	3.1	2.1	---	0.8	1.9

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/31/2020 11:00 AM	3.0	2.1	---	0.8	1.9
12/31/2020 11:06 AM	3.0	2.1	---	0.8	1.9
12/31/2020 11:12 AM	2.7	2.2	---	0.9	2.0
12/31/2020 11:18 AM	2.4	2.1	---	1.1	2.1
12/31/2020 11:24 AM	2.8	1.9	---	1.1	2.0
12/31/2020 11:30 AM	3.3	1.3	---	1.1	2.0
12/31/2020 11:36 AM	3.7	0.9	---	1.1	2.0
12/31/2020 11:42 AM	3.9	1.0	---	1.1	2.0
12/31/2020 11:48 AM	4.1	1.1	---	1.1	2.0
12/31/2020 11:54 AM	4.2	1.1	---	1.1	1.9
12/31/2020 12:00 PM	4.0	1.0	---	1.0	1.9
12/31/2020 12:06 PM	3.4	0.8	---	0.8	1.9
12/31/2020 12:12 PM	3.4	0.8	---	0.8	1.9
12/31/2020 12:18 PM	3.4	0.8	---	0.8	1.8
12/31/2020 12:24 PM	3.5	0.9	---	0.7	1.8
12/31/2020 12:30 PM	3.7	0.9	---	0.8	1.8
12/31/2020 12:36 PM	3.8	0.9	---	0.8	1.8
12/31/2020 12:42 PM	3.9	0.8	---	0.8	1.8
12/31/2020 12:48 PM	4.0	0.6	---	0.7	1.8
12/31/2020 12:54 PM	4.0	0.6	---	0.7	1.8
12/31/2020 1:00 PM	4.1	0.3	---	0.8	1.8
12/31/2020 1:06 PM	4.2	0.0	---	0.8	1.8
12/31/2020 1:12 PM	4.2	0.0	---	0.8	1.8
12/31/2020 1:18 PM	4.3	0.0	---	0.8	1.9
12/31/2020 1:24 PM	4.3	0.0	---	0.8	1.9
12/31/2020 1:30 PM	4.4	-0.1	---	0.8	1.9
12/31/2020 1:36 PM	4.4	-0.2	---	0.8	1.8
12/31/2020 1:42 PM	4.5	-0.2	---	0.7	1.8
12/31/2020 1:48 PM	4.5	-0.2	---	0.7	1.7
12/31/2020 1:54 PM	4.5	-0.2	---	0.7	1.8
12/31/2020 2:00 PM	4.6	-0.2	---	0.8	1.8
12/31/2020 2:06 PM	4.7	-0.2	---	0.8	1.8
12/31/2020 2:12 PM	4.7	-0.2	---	0.8	1.8
12/31/2020 2:18 PM	4.7	-0.2	---	0.8	1.8
12/31/2020 2:24 PM	4.7	-0.1	---	0.6	1.7
12/31/2020 2:30 PM	4.8	-0.1	---	0.4	1.7
12/31/2020 2:36 PM	4.8	-0.1	---	0.4	1.7
12/31/2020 2:42 PM	4.9	-0.1	---	0.4	1.7
12/31/2020 2:48 PM	4.8	-0.1	---	0.4	1.8
12/31/2020 2:54 PM	4.8	-0.1	---	0.4	1.8
12/31/2020 3:00 PM	4.9	-0.2	---	0.4	1.8
12/31/2020 3:06 PM	4.8	-0.2	---	0.4	1.8
12/31/2020 3:12 PM	4.8	-0.2	---	0.4	1.8
12/31/2020 3:18 PM	4.9	-0.2	---	0.4	1.9
12/31/2020 3:24 PM	4.9	-0.1	---	0.4	1.9
12/31/2020 3:30 PM	4.9	-0.2	---	0.4	1.9
12/31/2020 3:36 PM	4.9	-0.2	---	0.5	1.9
12/31/2020 3:42 PM	4.9	-0.2	---	0.5	1.8
12/31/2020 3:48 PM	4.9	-0.1	---	0.5	1.8
12/31/2020 3:54 PM	4.9	-0.1	---	0.5	1.8

Opacity Data Summary Report

Company:

New York City D.E.P.
North River Wastewater Resource Recovery Facility
New York, NY 10031



Data Group:

Valid Data

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020

0:00

End of Report:

12/31/2020

23:54

Validation:

All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
12/31/2020 4:00 PM	5.0	-0.1	---	0.5	1.8
12/31/2020 4:06 PM	5.0	-0.1	---	0.5	1.8
12/31/2020 4:12 PM	5.0	-0.1	---	0.5	1.8
12/31/2020 4:18 PM	5.0	-0.1	---	0.5	1.8
12/31/2020 4:24 PM	5.1	-0.2	---	0.5	1.8
12/31/2020 4:30 PM	5.1	-0.2	---	0.5	1.8
12/31/2020 4:36 PM	5.0	-0.2	---	0.5	1.8
12/31/2020 4:42 PM	5.1	-0.2	---	0.5	1.8
12/31/2020 4:48 PM	5.1	-0.1	---	0.5	1.8
12/31/2020 4:54 PM	5.1	-0.1	---	0.5	1.8
12/31/2020 5:00 PM	5.1	-0.2	---	0.5	1.8
12/31/2020 5:06 PM	5.1	-0.1	---	0.5	1.8
12/31/2020 5:12 PM	5.1	-0.1	---	0.5	1.8
12/31/2020 5:18 PM	5.1	-0.2	---	0.4	1.8
12/31/2020 5:24 PM	5.1	-0.2	---	-0.1	1.7
12/31/2020 5:30 PM	5.1	-0.2	---	-0.6	1.8
12/31/2020 5:36 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 5:42 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 5:48 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 5:54 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:00 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:06 PM	5.2	-0.1	---	-0.7	1.8
12/31/2020 6:12 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:18 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:24 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 6:30 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 6:36 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:42 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:48 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 6:54 PM	5.0	-0.1	---	-0.7	1.8
12/31/2020 7:00 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 7:06 PM	5.1	-0.2	---	-0.6	1.8
12/31/2020 7:12 PM	5.1	-0.2	---	-0.7	1.8
12/31/2020 7:18 PM	5.1	-0.1	---	-0.7	1.8
12/31/2020 7:24 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 7:30 PM	5.1	-0.2	---	-0.7	1.7
12/31/2020 7:36 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 7:42 PM	5.0	-0.1	---	-0.6	1.7
12/31/2020 7:48 PM	5.0	-0.1	---	-0.6	1.7
12/31/2020 7:54 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 8:00 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 8:06 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 8:12 PM	5.0	-0.1	---	-0.6	1.7
12/31/2020 8:18 PM	5.0	-0.1	---	-0.6	1.7
12/31/2020 8:24 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 8:30 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 8:36 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 8:42 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 8:48 PM	4.9	-0.1	---	-0.6	1.8
12/31/2020 8:54 PM	5.0	-0.1	---	-0.6	1.8

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 4th Quarter 2020
Start of Report: 10/1/2020 0:00
End of Report: 12/31/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1 %	PE 2 %	PE 3 %	PE 4 %	PE 5 %
12/31/2020 9:00 PM	5.0	-0.1	---	-0.6	1.8
12/31/2020 9:06 PM	5.1	-0.1	---	-0.6	1.8
12/31/2020 9:12 PM	5.0	-0.1	---	-0.6	1.7
12/31/2020 9:18 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 9:24 PM	5.1	-0.1	---	-0.6	1.8
12/31/2020 9:30 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 9:36 PM	5.1	0.0	---	-0.6	1.7
12/31/2020 9:42 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 9:48 PM	5.2	0.0	---	-0.6	1.7
12/31/2020 9:54 PM	5.2	-0.1	---	-0.6	1.7
12/31/2020 10:00 PM	5.1	0.0	---	-0.6	1.7
12/31/2020 10:06 PM	5.2	0.0	---	-0.6	1.7
12/31/2020 10:12 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:18 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:24 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:30 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:36 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:42 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:48 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 10:54 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 11:00 PM	5.1	0.0	---	-0.6	1.7
12/31/2020 11:06 PM	5.1	0.0	---	-0.6	1.7
12/31/2020 11:12 PM	5.1	-0.1	---	-0.6	1.7
12/31/2020 11:18 PM	5.1	0.0	---	-0.6	1.6
12/31/2020 11:24 PM	5.1	0.0	---	-0.6	1.6
12/31/2020 11:30 PM	5.1	0.0	---	-0.6	1.7
12/31/2020 11:36 PM	5.2	0.0	---	-0.6	1.6
12/31/2020 11:42 PM	5.2	0.0	---	-0.6	1.6
12/31/2020 11:48 PM	5.1	-0.1	---	-0.6	1.6
12/31/2020 11:54 PM	5.1	0.0	---	-0.6	1.6
Minimum	-2.0	-1.6	---	-1.8	-0.8
MinDate	10/30/2020	11/30/2020	---	12/25/2020	12/1/2020
MinTime	9:36 AM	11:48 PM	---	1:06 PM	9:18 AM
Maximum	57.8	26.2	---	78.1	23.8
MaxDate	11/15/2020	11/4/2020	---	11/11/2020	12/25/2020
MaxTime	10:18 AM	10:18 AM	---	8:12 PM	12:36 AM
Avg	0.7	1.2	---	0.4	1.3
Num	20928	21898	---	21900	21900
Data [% Valid]	94.8%	99.2%	---	99.2%	99.2%
Calibrations and Maintenance [%]	0.1%	0.1%	---	0.1%	0.1%
Exceedances	20	4	---	10	2

APPENDIX D

QUATERLY AUDIT DATA

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy		Analyzer Manufacturer:		AMETEK	
Company	New York City D.E.P.			Unit	PE1		
Date	12/22/2020			Serial Number:	22248563		
Monitor Pathlength, L1				in.		Emission Outlet Pathlength, L2	
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio: 1.000

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 12/22/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %	Arithmetic Difference (Opacity) percent		
						Low	Mid	High
1-Low	14:06		18.00	%	18.17	%	-0.17	
2-Mid	14:09		25.60	%	25.94	%		-0.34
3-High	14:12		44.50	%	44.80	%		-0.30
4-Low	14:15		18.00	%	18.01	%	-0.01	
5-Mid	14:18		25.60	%	25.90	%		-0.30
6-High	14:21		44.50	%	44.79	%		-0.29
7-Low	14:24		18.00	%	18.15	%	-0.15	
8-Mid	14:27		25.60	%	25.88	%		-0.28
9-High	14:30		44.50	%	44.77	%		-0.27
10-Low	14:33		18.00	%	18.10	%	-0.10	
11-Mid	14:36		25.60	%	25.85	%		-0.25
12-High	14:39		44.50	%	44.79	%		-0.29
13-Low	14:42		18.00	%	18.11	%	-0.11	
14-Mid	14:45		25.60	%	25.84	%		-0.24
15-High	14:48		44.50	%	44.82	%		-0.32

Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC						X	X	X
						0.108	0.282	0.294
						0.077	0.050	0.023
						0.185	0.332	0.317

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy		Analyzer Manufacturer:		AMETEK	
Company	New York City D.E.P.			Unit	PE2		
Date	12/22/2020			Serial Number:	22248963		
Monitor Pathlength, L1				in.		Emission Outlet Pathlength, L2	
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio: 1.000

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 12/22/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %	Arithmetic Difference (Opacity) percent		
						Low	Mid	High
1-Low	11:25		18.00	%	18.42	%	-0.42	
2-Mid	11:28		25.60	%	26.16	%		-0.56
3-High	11:31		44.50	%	45.05	%		-0.55
4-Low	11:34		18.00	%	18.38	%	-0.38	
5-Mid	11:37		25.60	%	26.12	%		-0.52
6-High	11:40		44.50	%	45.04	%		-0.54
7-Low	11:43		18.00	%	18.38	%	-0.38	
8-Mid	11:46		25.60	%	26.13	%		-0.53
9-High	11:49		44.50	%	45.03	%		-0.53
10-Low	11:52		18.00	%	18.43	%	-0.43	
11-Mid	11:55		25.60	%	26.26	%		-0.66
12-High	12:05		44.50	%	45.04	%		-0.54
13-Low	12:08		18.00	%	18.44	%	-0.44	
14-Mid	12:11		25.60	%	26.15	%		-0.55
15-High	12:14		44.50	%	44.99	%		-0.49

Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC						X	X	X
						0.41	0.564	0.53
						0.035	0.069	0.029
						0.445	0.633	0.559

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK		
Company	New York City D.E.P.				Unit	PE4			
Date	12/22/2020				Serial Number:	22248863			
Monitor Pathlength, L1					in.		Emission Outlet Pathlength, L2		
Monitoring System Output Path Length Corrected?					No	X	No	Taper Ratio: 1.000	

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 12/22/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent		
							Low	Mid	High
1-Low	13:15		18.00	%	18.17	%	-0.17		
2-Mid	13:18		25.60	%	25.87	%		-0.27	
3-High	13:21		44.50	%	44.87	%			-0.37
4-Low	13:24		18.00	%	18.13	%	-0.13		
5-Mid	13:27		25.60	%	25.72	%		-0.12	
6-High	13:30		44.50	%	44.84	%			-0.34
7-Low	13:33		18.00	%	18.12	%	-0.12		
8-Mid	13:36		25.60	%	25.69	%		-0.09	
9-High	13:39		44.50	%	44.72	%			-0.22
10-Low	13:42		18.00	%	18.20	%	-0.20		
11-Mid	13:45		25.60	%	25.64	%		-0.04	
12-High	13:48		44.50	%	44.81	%			-0.31
13-Low	13:51		18.00	%	18.07	%	-0.07		
14-Mid	13:54		25.60	%	25.80	%		-0.20	
15-High	13:57		44.50	%	44.91	%			-0.41
Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC							X	X	X
							0.138	0.144	0.33
							0.062	0.113	0.089
							0.200	0.257	0.419

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy		Analyzer Manufacturer:		AMETEK	
Company	New York City D.E.P.			Unit	PE5		
Date	12/22/2020			Serial Number:	22248463		
Monitor Pathlength, L1				Emission Outlet Pathlength, L2			
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio: 1.000

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 12/22/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent		
							Low	Mid	High
1-Low	12:23		18.00	%	18.22	%	-0.22		
2-Mid	12:26		25.60	%	25.74	%		-0.14	
3-High	12:29		44.50	%	44.82	%			-0.32
4-Low	12:32		18.00	%	18.14	%	-0.14		
5-Mid	12:35		25.60	%	25.99	%		-0.39	
6-High	12:38		44.50	%	44.91	%			-0.41
7-Low	12:41		18.00	%	18.13	%	-0.13		
8-Mid	12:44		25.60	%	25.98	%		-0.38	
9-High	12:47		44.50	%	44.81	%			-0.31
10-Low	12:50		18.00	%	18.13	%	-0.13		
11-Mid	12:53		25.60	%	25.95	%		-0.35	
12-High	12:56		44.50	%	44.63	%			-0.13
13-Low	12:59		18.00	A	17.97	%	0.03		
14-Mid	13:02		25.60	%	25.71	%		-0.11	
15-High	13:05		44.50	%	44.86	%			-0.36
Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC							X	X	X

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy		Analyzer Manufacturer:		AMETEK	
Company	New York City D.E.P.			Unit	PE3		
Date	9/23/2020			Serial Number:	22348363		
Monitor Pathlength, L1				Emission Outlet Pathlength, L2			
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio: 1.000

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 9/23/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent		
							Low	Mid	High
1-Low	12:13		18.00	%	18.18	%	-0.18		
2-Mid	12:17		25.60	%	25.94	%		-0.34	
3-High	12:21		44.50	%	45.04	%			-0.54
4-Low	12:25		18.00	%	18.16	%	-0.16		
5-Mid	12:28		25.60	%	26.04	%		-0.44	
6-High	12:31		44.50	%	44.90	%			-0.40
7-Low	12:34		18.00	%	18.35	%	-0.35		
8-Mid	12:37		25.60	%	26.00	%		-0.40	
9-High	12:40		44.50	%	45.07	%			-0.57
10-Low	12:43		18.00	%	18.31	%	-0.31		
11-Mid	12:46		25.60	%	25.80	%		-0.20	
12-High	12:49		44.50	%	44.98	%			-0.48
13-Low	12:52		18.00	%	18.39	%	-0.39		
14-Mid	12:55		25.60	%	25.77	%		-0.17	
15-High	12:58		44.50	%	45.00	%			-0.5
Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC							X	X	X
							0.278	0.31	0.498
							0.128	0.149	0.081
							0.406	0.459	0.579

APPENDIX E

WEEKLY MAINTENANCE

Opacity Weekly Maintenance Summary Report

Company:

New York City D.E.P.

North River Wastewater Resource Recovery Facility

New York, NY 10031

Report Name:

4th Quarter 2020

Start of Report:

10/1/2020 0:00

End of Report:

12/31/2020 23:54

Validation:

Weekly Maintenance

[illegible]

APPENDIX F

NEUTRAL DENSITY AUDIT FILTERS CERTIFICATION



CAL CHECK

11600 Black Horse Run, Raleigh, North Carolina 27613 Phone (919) 847-1898 FAX (919) 847-8005

REPORT OF CERTIFICATION OF NEUTRAL DENSITY AUDIT FILTERS

Report prepared for: **Louis Berger Group**

Date of Filter Certification: **June 30, 2020**

Date of Filter Expiration: **June 29, 2021**

Monitor Make/Model: **Land 4500 MKII**

Audit Device/Filter Slot Angle of Incidence: **5 Degrees**
Path-Length Correction: **0.500 (Straight Stack)**

Table 1-1: Individual Filter Certification Data

Serial Number	Opacity Value (%)	Transmittance (%)	Optical Density	Previous Opacity (%)	Change in Opacity (%)	Accuracy (%)
ZH64	18.0	82.0	0.0863	17.8	0.2	± 0.5
ZH65	25.6	74.4	0.1285	25.4	0.2	± 0.5
ZH66	44.5	55.5	0.2557	44.4	0.1	± 0.5

Table 1-2: Individual Filter Certification Data @ 525 nM

Serial Number	Opacity Value (%)	Transmittance (%)	Optical Density
ZH64	18.2	81.8	0.0872
ZH65	26.0	74.0	0.1308
ZH66	45.0	55.0	0.2596


Eileen Rosenquest
Instrument Operator

****See second page for Instrument Information and Details of Certification****



CAL CHECK

REPORT OF CERTIFICATION OF NEUTRAL DENSITY AUDIT FILTERS(Cont.)

Report prepared for: **Louis Berger Group**

▪ Calibration of Spectrophotometer

Instrument:

Spectrophotometer: Varian Cary 50 Serial Number: EL0309-7553

Testing Range: 380nm to 780nm

SRM Reference Material:

Calibration Filters: NIST 930D SRM Serial No's: 90-CALCK: 30-1591; 20-1591; 10-1591

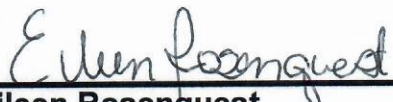
Date of SRM Certification: 01/31/19 Laboratory Environment: 72 deg F +/- 4 deg F

▪ Description of Certification

Cal Check certifies filters per 40 CFR Part 60, Appendix B, "Performance Specification 1", section 7.1.2. Opacity values are determined and assigned to each filter by use of a laboratory-based spectrophotometer exceeding the specifications set forth in section 6.3 of Performance Specification 1, and certified accurate daily using National Institute of Standards and Technology (NIST) 930D Standard Reference Materials (SRM).

Each opacity audit filter is placed into the sample chamber at an angle equal to the corresponding opacity monitors' audit device or filter slot. Once positioned, each filter is analyzed (or scanned) from 380nm to 780nm, rotated 90 degrees in the plane of the glass surface and analyzed again from 380nm to 780nm. Once all the data has been accumulated, averaged transmission values at 10nm intervals are multiplied by the corresponding weighting factor as specified in Table 1-1 of Performance Specification 1 to obtain the 'Source C Human Eye Response' transmittance. From this value, the single-pass opacity value and optical density value is determined and assigned to the filter.

For newer opacity monitors that employ monochromatic light sources, such as LED's or laser's, and installed after the promulgation of the latest version of Performance Specification 1, Section 7.6 (i.e., those installed and certified after April 9, 2001), the determination of filter opacity can be determined from the operating range of said light source. This provision was established in Performance Specification 1 to account for different types of neutral density glass used for certification of monochromatic light source-based monitors.



Eileen Rosenquest
Instrument Operator

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