



September 3, 2020

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
Second 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) Second Quarter of 2020 Continuous Opacity Monitoring (COM) Report for the five pump engines. This report is submitted as required by Condition 34, 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 Second quarter of 2020, and was able to identify the possible causes for all of the events, except for the following:

Pump Engine 1

04/09/2020 Two 6-minute average >27% exceedances

Pump Engine 2

06/03/2020 One 6-minute average <27% event

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

04/03/2020 Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.

04/07/2020 Operational record indicated that three 6-minute average >27% exceedance and one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.

Vincent Sapienza, P.E.
Commissioner

Pam Elardo, P.E.
Deputy Commissioner

Bureau of Wastewater Treatment

96-05 Horace Harding Expressway – 2nd Floor
Corona, NY 11368

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- 04/09/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/10/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/11/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event and one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
- 04/12/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ exceedances may have been caused by engine start up.

Pump Engine 2

- 05/10/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine start up.
- 05/27/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine maintenance.
- 05/29/2020 Operational record indicated that two 6-minute average $>27\%$ exceedances may have been caused by engine start up.

Pump Engine 3

- 04/08/2020 Operational record indicated that one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
- 04/08/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/16/2020 Operational record indicated that one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
- 04/19/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/22/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ exceedances may have been caused by engine start up.
- 04/24/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/24/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/25/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.

- 04/29/2020 Operational record indicated that three 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine maintenance.
- 05/15/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 05/27/2020 Operational record indicated that one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
- 06/02/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 06/20/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.

Pump Engine 4

- 04/01/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/13/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances and one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/13/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/26/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/27/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 04/29/2020 Operational record indicated that one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
- 04/30/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 05/21/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
- 05/29/2020 Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ exceedances may have been caused by engine start up.
- 06/02/2020 Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.

- 06/04/2020 Operational record indicated that two 6-minute average >20% but $\leq 27\%$ exceedances may have been caused by engine start up.
- 06/05/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.
- 06/08/2020 Operational record indicated that two 6-minute average >20% but $\leq 27\%$ or >27% exceedances and one 6-minute average >20% but $\leq 27\%$ may have been caused by engine start up.
- 06/09/2020 Operational record indicated that three 6-minute average >20% but $\leq 27\%$ exceedances may have been caused by engine start up.
- 06/24/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.
- 06/30/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.

Pump Engine 5

- 04/21/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.
- 05/09/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.
- 05/11/2020 Operational record indicated that two 6-minute average >20% but $\leq 27\%$ exceedance may have been caused by engine start up.
- 05/18/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.
- 06/09/2020 Operational record indicated that one 6-minute average >20% but $\leq 27\%$ event may have been caused by engine start up.

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

Very truly yours,



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 Second 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

July 30, 2020

Second Quarter 2020
Project No. 2041797.00.00





Re: QA QC Certification

I have reviewed the attached report entitled "Quarterly Opacity Sulfide Continuous Monitoring Report for Second 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 five 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.

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 blower were installed and have been in operation since January 30, 2018, along with the plant existing electrical blower. The plant's Blower Engines 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 only for equipment maintenance purpose. 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 second 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

Louis Berger and Assoc., P.C. (LBA) 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 LBA's QA/QC process.

	PE 1	PE 2	PE 3	PE 4	PE 5
Minimum	-2.0	-1.5	-1.3	-1.0	-0.4
Date of Minimum	4/24/2020	5/1/2020	4/22/2020	4/14/2020	4/14/2020
Time of Minimum	12:12 PM	4:42 AM	5:48 AM	2:36 AM	4:30 AM
Maximum					
Maximum	72.3	33.2	41.5	28.9	25.6
Date of Maximum	4/7/2020	5/29/2020	4/29/2020	4/29/2020	5/11/2020
Time of Maximum	7:42 AM	11:48 AM	4:42 PM	9:48 AM	9:00 AM
Average					
Average	-0.3	0.5	2.0	0.6	1.1
% Valid	96.7%	98.9%	98.9%	98.9%	98.9%
% Out of Service	3.2%	1.0%	1.0%	1.0%	1.0%



	PE 1	PE 2	PE 3	PE 4	PE 5
% Calibrations and Maintenance	0.1%	0.1%	0.1%	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 second quarter of 2020, valid data capture ranged from 96.7% to 98.9% for Pump Engines.

Quarterly Filter Audit

Quarterly filter audits were performed on June 25th, 2020 for Pump Engines 1, 2 and 3, and on June 26th, 2020 for Pump Engines 4, and 5. Data collected during times when filter audits were performed is not included in the calculation of "Percent Valid Data". Data collected during filter calibration times is flagged with an "Audit". The audit reports are included in Appendix D.

Due to COVID19 pandemic the filters were certified after the audit and the filters values didn't change significantly to affect the outcome of the audit. The changes for the low and medium neutral density filters were 0.2 and 0.1 for the high one.

QA QC for Equipment

During the second quarter of 2020, LBA performed the following QA/QC procedures for five 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 second 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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/1/2020 12:04	Pump Engine 5	%	0	0	-0.05	0	26.3	26.1	1	-0.6	0	0	1.004	Valid
4/1/2020 12:04	Pump Engine 4	%	0	0	-0.04	0	26	26	1	0.1	0	0	0.998	Valid
4/1/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.7	1.01	-0.2	0	0.1	1.005	Valid
4/1/2020 12:04	Pump Engine 2	%	0	-0.1	-0.13	0	26.6	26.8	0.99	0.7	0	-0.1	0.989	Valid
4/1/2020 12:04	Pump Engine 3	%	0	0	-0.02	0	27	27	1	0.1	0	0	0.999	Valid
4/2/2020 12:04	Pump Engine 2	%	0	-0.1	-0.07	0	26.6	26.7	0.99	0.5	0	-0.1	0.992	Valid
4/2/2020 12:04	Pump Engine 1	%	0	0	0.03	0	26.8	26.7	1	-0.2	0	0	1.004	Valid
4/2/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0.1	0	0	0.998	Valid
4/2/2020 12:04	Pump Engine 5	%	0	-0.1	-0.07	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/2/2020 12:04	Pump Engine 3	%	0	0	0.02	0	27	27	1	0.1	0	0	1	Valid
4/3/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
4/3/2020 12:04	Pump Engine 4	%	0	0	0.03	0	26	26	1	0	0	0	1.001	Valid
4/3/2020 12:04	Pump Engine 2	%	0	0.1	0.06	0	26.6	26.8	1	0.7	0	0.1	0.995	Valid
4/3/2020 12:04	Pump Engine 1	%	0	0	-0.03	0	26.8	26.7	1	-0.2	0	0	1.001	Valid
4/3/2020 12:04	Pump Engine 3	%	0	0	0	0	27	27	1	0.1	0	0	0.999	Valid
4/4/2020 12:04	Pump Engine 1	%	0	0.2	0.24	0	26.8	26.7	1.01	-0.2	0	0.2	1.011	Valid
4/4/2020 12:04	Pump Engine 2	%	0	0.1	0.07	0	26.6	26.7	1	0.5	0	0.1	0.997	Valid
4/4/2020 12:04	Pump Engine 4	%	0	0	0.05	0	26	26	1	0.1	0	0	1.001	Valid
4/4/2020 12:04	Pump Engine 5	%	0	0.1	0.12	0	26.3	26.1	1.01	-0.6	0	0.1	1.011	Valid
4/4/2020 12:04	Pump Engine 3	%	0	0.1	0.14	0	27	27	1	0.1	0	0.1	1.004	Valid
4/5/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
4/5/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.999	Valid
4/5/2020 12:04	Pump Engine 1	%	0	0	0.02	0	26.8	26.7	1	-0.2	0	0	1.003	Valid
4/5/2020 12:04	Pump Engine 2	%	0	0	-0.01	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
4/5/2020 12:04	Pump Engine 3	%	0	0	0.01	0	27	27	1	0.1	0	0	0.999	Valid
4/6/2020 12:04	Pump Engine 2	%	0	-0.1	-0.07	0	26.6	26.8	0.99	0.8	0	-0.1	0.989	Valid
4/6/2020 12:04	Pump Engine 1	%	0	0	0.01	0	26.8	26.8	1	-0.2	0	0	1.002	Valid
4/6/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0.1	0	0	0.997	Valid
4/6/2020 12:04	Pump Engine 5	%	0	-0.1	-0.06	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/6/2020 12:04	Pump Engine 3	%	0	-0.1	-0.05	0	27	27	1	0.1	0	-0.1	0.997	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/7/2020 12:04	Pump Engine 5	%	0	-0.1	-0.14	0	26.3	26.1	1	-0.6	0	-0.1	1.001	Valid
4/7/2020 12:04	Pump Engine 4	%	0	-0.1	-0.05	0	26	26	1	0.1	0	-0.1	0.997	Valid
4/7/2020 12:04	Pump Engine 2	%	0	-0.1	-0.05	0	26.6	26.8	0.99	0.7	0	-0.1	0.991	Valid
4/7/2020 12:04	Pump Engine 1	%	0	0	-0.02	0	26.8	26.7	1	-0.2	0	0	1.002	Valid
4/7/2020 12:04	Pump Engine 3	%	0	0	0.01	0	27	27	1	0.1	0	0	0.999	Valid
4/8/2020 12:04	Pump Engine 1	%	0	-0.1	-0.08	0	26.8	26.8	1	-0.2	0	-0.1	0.999	Valid
4/8/2020 12:04	Pump Engine 2	%	0	0.2	0.16	0	26.6	26.8	1	0.8	0	0.2	0.998	Valid
4/8/2020 12:04	Pump Engine 4	%	0	0.1	0.07	0	26	26	1	0.1	0	0.1	1.002	Valid
4/8/2020 12:04	Pump Engine 5	%	0	0.1	0.14	0	26.3	26.1	1.01	-0.6	0	0.1	1.012	Valid
4/8/2020 12:04	Pump Engine 3	%	0	0	0.05	0	27	27	1	0.1	0	0	1.001	Valid
4/9/2020 12:04	Pump Engine 5	%	0	0	0.05	0	26.3	26.1	1.01	-0.6	0	0	1.008	Valid
4/9/2020 12:04	Pump Engine 4	%	0	0.1	0.06	0	26	26	1	0.1	0	0.1	1.002	Valid
4/9/2020 12:04	Pump Engine 1	%	0	0.1	0.15	0	26.8	26.8	1.01	-0.2	0	0.1	1.007	Valid
4/9/2020 12:04	Pump Engine 2	%	0	0.1	0.08	0	26.6	26.8	0.99	0.8	0	0.1	0.994	Valid
4/9/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0.1	0	0.1	1.001	Valid
4/10/2020 12:04	Pump Engine 2	%	0	-0.2	-0.15	0	26.6	26.8	0.99	0.8	0	-0.2	0.987	Valid
4/10/2020 12:04	Pump Engine 1	%	0	-0.4	-0.38	0	26.8	26.7	0.99	-0.3	0	-0.4	0.988	Valid
4/10/2020 12:04	Pump Engine 4	%	0	-0.1	-0.08	0	26	26	1	0.1	0	-0.1	0.996	Valid
4/10/2020 12:04	Pump Engine 5	%	0	-0.1	-0.06	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/10/2020 12:04	Pump Engine 3	%	0	-0.2	-0.22	0	27	27	0.99	0	0	-0.2	0.992	Valid
4/11/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
4/11/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0	0	0	0.999	Valid
4/11/2020 12:04	Pump Engine 2	%	0	0	-0.03	0	26.6	26.8	0.99	0.6	0	0	0.992	Valid
4/11/2020 12:04	Pump Engine 1	%	0	0.2	0.16	0	26.8	26.7	1.01	-0.2	0	0.2	1.008	Valid
4/11/2020 12:04	Pump Engine 3	%	0	0	0.03	0	27	27	1	0.1	0	0	1	Valid
4/12/2020 12:04	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.7	1	-0.2	0	0.1	1.005	Valid
4/12/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.7	1	0.4	0	0	0.995	Valid
4/12/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0	0	0	0.999	Valid
4/12/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
4/12/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0.1	0	0.1	1.001	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/13/2020 12:04	Pump Engine 5	%	0	0.4	0.45	0	26.3	26.1	1.02	-0.6	0	0.4	1.024	Valid
4/13/2020 12:04	Pump Engine 4	%	0	0.5	0.51	0	26	26	1.02	0	0	0.5	1.02	Valid
4/13/2020 12:04	Pump Engine 1	%	0	4.9	4.85	0	26.8	26.8	1.22	-0.1	0	4.9	1.223	Invalid
4/13/2020 12:04	Pump Engine 2	%	0	1	0.99	0	26.6	26.8	1.03	0.6	0	1	1.032	Valid
4/13/2020 12:04	Pump Engine 3	%	0	0.6	0.58	0	27	27	1.02	0.1	0	0.6	1.021	Valid
4/14/2020 12:04	Pump Engine 2	%	0	-1.1	-1.08	0	26.6	26.8	0.96	0.6	0	-1.1	0.956	Valid
4/14/2020 12:04	Pump Engine 1	%	0	-6.5	-6.47	0	26.8	26.7	0.81	-0.2	0	-6.5	0.807	Invalid
4/14/2020 12:04	Pump Engine 4	%	0	-0.7	-0.75	0	26	26	0.97	0.1	0	-0.7	0.972	Valid
4/14/2020 12:04	Pump Engine 5	%	0	-0.5	-0.47	0	26.3	26.1	0.99	-0.6	0	-0.5	0.989	Valid
4/14/2020 12:04	Pump Engine 3	%	0	-0.6	-0.6	0	27	27	0.98	0.1	0	-0.6	0.977	Valid
4/14/2020 13:58	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.7	1	-0.2	0	0.1	1.005	Valid
4/15/2020 12:04	Pump Engine 5	%	0	-0.1	-0.07	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/15/2020 12:04	Pump Engine 4	%	0	0	-0.05	0	26	26	1	0	0	0	0.998	Valid
4/15/2020 12:04	Pump Engine 2	%	0	0	-0.03	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
4/15/2020 12:04	Pump Engine 1	%	0	-0.1	-0.14	0	26.8	26.7	1	-0.3	0	-0.1	0.997	Valid
4/15/2020 12:04	Pump Engine 3	%	0	-0.1	-0.09	0	27	27	1	0.1	0	-0.1	0.996	Valid
4/16/2020 12:04	Pump Engine 1	%	0	-0.2	-0.16	0	26.8	26.7	1	-0.2	0	-0.2	0.996	Valid
4/16/2020 12:04	Pump Engine 2	%	0	0	-0.04	0	26.6	26.9	0.99	1	0	0	0.989	Valid
4/16/2020 12:04	Pump Engine 4	%	0	0	-0.04	0	26	26	1	0.1	0	0	0.998	Valid
4/16/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
4/16/2020 12:04	Pump Engine 3	%	0	-0.1	-0.07	0	27	27	1	0	0	-0.1	0.997	Valid
4/17/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
4/17/2020 12:04	Pump Engine 4	%	0	0	0.03	0	26	26	1	0.1	0	0	1	Valid
4/17/2020 12:04	Pump Engine 1	%	0	0.1	0.1	0	26.8	26.7	1.01	-0.3	0	0.1	1.007	Valid
4/17/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.9	0	0	0.992	Valid
4/17/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0	0	0.1	1.002	Valid
4/18/2020 12:04	Pump Engine 2	%	0	0.2	0.22	0	26.6	26.8	1	0.9	0	0.2	0.999	Valid
4/18/2020 12:04	Pump Engine 1	%	0	0.9	0.88	0	26.8	26.7	1.04	-0.2	0	0.9	1.036	Valid
4/18/2020 12:04	Pump Engine 4	%	0	0.2	0.19	0	26	26	1.01	0	0	0.2	1.007	Valid
4/18/2020 12:04	Pump Engine 5	%	0	0.1	0.07	0	26.3	26.1	1.01	-0.6	0	0.1	1.009	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/18/2020 12:04	Pump Engine 3	%	0	0.1	0.09	0	27	27	1	0	0	0.1	1.003	Valid
4/19/2020 12:04	Pump Engine 5	%	0	0	0.03	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
4/19/2020 12:04	Pump Engine 4	%	0	0	-0.02	0	26	26	1	0	0	0	0.999	Valid
4/19/2020 12:04	Pump Engine 2	%	0	-0.1	-0.13	0	26.6	26.9	0.99	1	0	-0.1	0.986	Valid
4/19/2020 12:04	Pump Engine 1	%	0	0.2	0.21	0	26.8	26.7	1.01	-0.2	0	0.2	1.01	Valid
4/19/2020 12:04	Pump Engine 3	%	0	0.1	0.08	0	27	27	1	0.1	0	0.1	1.002	Valid
4/20/2020 12:04	Pump Engine 1	%	0	-0.2	-0.21	0	26.8	26.7	0.99	-0.2	0	-0.2	0.995	Valid
4/20/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.6	0	0	0.993	Valid
4/20/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0.1	0	0	0.998	Valid
4/20/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.7	0	0	1.006	Valid
4/20/2020 12:04	Pump Engine 3	%	0	-0.1	-0.09	0	27	27	1	0	0	-0.1	0.996	Valid
4/21/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
4/21/2020 12:04	Pump Engine 4	%	0	0.1	0.06	0	26	26	1	0.1	0	0.1	1.001	Valid
4/21/2020 12:04	Pump Engine 1	%	0	0.2	0.23	0	26.8	26.7	1.01	-0.3	0	0.2	1.011	Valid
4/21/2020 12:04	Pump Engine 2	%	0	0.2	0.17	0	26.6	26.6	1.01	0	0	0.2	1.006	Valid
4/21/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0	0	0.1	1.005	Valid
4/22/2020 12:04	Pump Engine 2	%	0	-0.2	-0.19	0	26.6	26.9	0.98	0.9	0	-0.2	0.984	Valid
4/22/2020 12:04	Pump Engine 1	%	0	-0.3	-0.31	0	26.8	26.7	0.99	-0.3	0	-0.3	0.991	Valid
4/22/2020 12:04	Pump Engine 4	%	0	-0.1	-0.07	0	26	26	1	0.1	0	-0.1	0.997	Valid
4/22/2020 12:04	Pump Engine 5	%	0	-0.1	-0.07	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/22/2020 12:04	Pump Engine 3	%	0	-0.2	-0.18	0	27	27	0.99	0	0	-0.2	0.993	Valid
4/23/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
4/23/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	1	Valid
4/23/2020 12:04	Pump Engine 2	%	0	0	-0.01	0	26.6	26.8	0.99	0.7	0	0	0.993	Valid
4/23/2020 12:04	Pump Engine 3	%	0	0.1	0.07	0	27	27	1	0.1	0	0.1	1.002	Valid
4/23/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.7	1.01	-0.2	0	0.1	1.006	Valid
4/24/2020 12:04	Pump Engine 1	%	0	1.7	1.72	0	26.8	26.7	1.07	-0.2	0	1.7	1.071	Valid
4/24/2020 12:04	Pump Engine 2	%	0	0.4	0.4	0	26.6	26.8	1.01	0.7	0	0.4	1.007	Valid
4/24/2020 12:04	Pump Engine 4	%	0	0.3	0.26	0	26	26	1.01	0	0	0.3	1.01	Valid
4/24/2020 12:04	Pump Engine 5	%	0	0.2	0.2	0	26.3	26.1	1.01	-0.6	0	0.2	1.014	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/24/2020 12:04	Pump Engine 3	%	0	0.2	0.16	0	27	27	1.01	0	0	0.2	1.005	Valid
4/25/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
4/25/2020 12:04	Pump Engine 1	%	0	-2	-2.04	0	26.8	26.7	0.93	-0.3	0	-2	0.932	Valid
4/25/2020 12:04	Pump Engine 4	%	0	-0.2	-0.23	0	26	26	0.99	0.1	0	-0.2	0.99	Valid
4/25/2020 12:04	Pump Engine 2	%	0	-0.3	-0.35	0	26.6	26.8	0.98	0.8	0	-0.3	0.979	Valid
4/25/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0.1	0	0.1	1.004	Valid
4/26/2020 12:04	Pump Engine 2	%	0	0.1	0.06	0	26.6	26.8	0.99	0.8	0	0.1	0.994	Valid
4/26/2020 12:04	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.7	1	-0.2	0	0.1	1.004	Valid
4/26/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	1	Valid
4/26/2020 12:04	Pump Engine 5	%	0	-0.1	-0.06	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
4/26/2020 12:04	Pump Engine 3	%	0	-0.2	-0.21	0	27	27	0.99	0.1	0	-0.2	0.992	Valid
4/27/2020 12:04	Pump Engine 5	%	0	0.1	0.05	0	26.3	26.1	1.01	-0.6	0	0.1	1.008	Valid
4/27/2020 12:04	Pump Engine 4	%	0	0.1	0.1	0	26	26	1	0.1	0	0.1	1.003	Valid
4/27/2020 12:04	Pump Engine 2	%	0	0.1	0.1	0	26.6	26.8	1	0.8	0	0.1	0.996	Valid
4/27/2020 12:04	Pump Engine 1	%	0	0.5	0.45	0	26.8	26.7	1.02	-0.2	0	0.5	1.02	Valid
4/27/2020 12:04	Pump Engine 3	%	0	0.1	0.08	0	27	27	1	0.1	0	0.1	1.002	Valid
4/28/2020 12:04	Pump Engine 1	%	0	0.2	0.16	0	26.8	26.7	1.01	-0.2	0	0.2	1.008	Valid
4/28/2020 12:04	Pump Engine 2	%	0	-0.2	-0.22	0	26.6	26.9	0.98	1.2	0	-0.2	0.981	Valid
4/28/2020 12:04	Pump Engine 4	%	0	-0.1	-0.05	0	26	26	1	0.1	0	-0.1	0.998	Valid
4/28/2020 12:04	Pump Engine 5	%	0	0	-0.02	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
4/28/2020 12:04	Pump Engine 3	%	0	0.1	0.07	0	27	27	1	0.1	0	0.1	1.002	Valid
4/29/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
4/29/2020 12:04	Pump Engine 4	%	0	0.1	0.05	0	26	26	1	0.1	0	0.1	1.001	Valid
4/29/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.7	1.01	-0.2	0	0.1	1.006	Valid
4/29/2020 12:04	Pump Engine 2	%	0	0.2	0.19	0	26.6	26.8	1	0.7	0	0.2	1	Valid
4/29/2020 12:04	Pump Engine 3	%	0	0	-0.01	0	27	27	1	0.1	0	0	0.999	Valid
4/30/2020 12:04	Pump Engine 2	%	0	0.5	0.49	0	26.6	26.9	1.01	1	0	0.5	1.008	Valid
4/30/2020 12:04	Pump Engine 1	%	0	2.5	2.46	0	26.8	26.8	1.1	-0.2	0	2.5	1.103	Valid
4/30/2020 12:04	Pump Engine 4	%	0	0.2	0.22	0	26	26	1.01	0.1	0	0.2	1.007	Valid
4/30/2020 12:04	Pump Engine 5	%	0	0.2	0.22	0	26.3	26.1	1.01	-0.6	0	0.2	1.014	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
4/30/2020 12:04	Pump Engine 3	%	0	0.3	0.28	0	27	27	1.01	0.1	0	0.3	1.009	Valid
5/1/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
5/1/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0	0	0	0.999	Valid
5/1/2020 12:04	Pump Engine 2	%	0	-0.2	-0.24	0	26.6	26.9	0.98	0.9	0	-0.2	0.982	Valid
5/1/2020 12:04	Pump Engine 1	%	0	-1.5	-1.47	0	26.8	26.7	0.95	-0.3	0	-1.5	0.951	Valid
5/1/2020 12:04	Pump Engine 3	%	0	0.1	0.09	0	27	27	1	0.1	0	0.1	1.002	Valid
5/2/2020 12:04	Pump Engine 1	%	0	-2	-2.01	0	26.8	26.7	0.93	-0.2	0	-2	0.932	Valid
5/2/2020 12:04	Pump Engine 2	%	0	-0.4	-0.45	0	26.6	26.8	0.97	0.9	0	-0.4	0.975	Valid
5/2/2020 12:04	Pump Engine 4	%	0	-0.4	-0.39	0	26	26	0.98	0.1	0	-0.4	0.984	Valid
5/2/2020 12:04	Pump Engine 5	%	0	-0.1	-0.14	0	26.3	26.1	1	-0.6	0	-0.1	1.001	Valid
5/2/2020 12:04	Pump Engine 3	%	0	-0.3	-0.28	0	27	27	0.99	0.1	0	-0.3	0.989	Valid
5/3/2020 12:04	Pump Engine 5	%	0	0	-0.02	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
5/3/2020 12:04	Pump Engine 4	%	0	0.1	0.09	0	26	26	1	0.1	0	0.1	1.003	Valid
5/3/2020 12:04	Pump Engine 1	%	0	0.6	0.62	0	26.8	26.8	1.03	-0.2	0	0.6	1.026	Valid
5/3/2020 12:04	Pump Engine 2	%	0	0.1	0.11	0	26.6	26.8	1	0.9	0	0.1	0.996	Valid
5/3/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0.1	0	0.1	1.001	Valid
5/4/2020 12:04	Pump Engine 2	%	0	-0.1	-0.11	0	26.6	26.8	0.99	0.7	0	-0.1	0.989	Valid
5/4/2020 12:04	Pump Engine 1	%	0	-0.1	-0.12	0	26.8	26.8	1	-0.2	0	-0.1	0.997	Valid
5/4/2020 12:04	Pump Engine 4	%	0	-0.1	-0.07	0	26	26	1	0.1	0	-0.1	0.996	Valid
5/4/2020 12:04	Pump Engine 5	%	0	-0.1	-0.05	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
5/4/2020 12:04	Pump Engine 3	%	0	-0.1	-0.06	0	27	27	1	0.1	0	-0.1	0.997	Valid
5/5/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1.01	-0.6	0	0	1.005	Valid
5/5/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	1	Valid
5/5/2020 12:04	Pump Engine 2	%	0	0	0.03	0	26.6	26.8	0.99	0.7	0	0	0.994	Valid
5/5/2020 12:04	Pump Engine 1	%	0	-0.1	-0.14	0	26.8	26.7	1	-0.2	0	-0.1	0.997	Valid
5/5/2020 12:04	Pump Engine 3	%	0	-0.1	-0.1	0	27	27	1	0.1	0	-0.1	0.995	Valid
5/6/2020 12:04	Pump Engine 1	%	0	-0.1	-0.07	0	26.8	26.7	1	-0.3	0	-0.1	1	Valid
5/6/2020 12:04	Pump Engine 2	%	0	0.1	0.08	0	26.6	26.8	1	0.6	0	0.1	0.997	Valid
5/6/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	1	Valid
5/6/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/6/2020 12:04	Pump Engine 3	%	0	0	0	0	27	27	1	0.1	0	0	0.999	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
5/7/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/7/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	1	Valid
5/7/2020 12:04	Pump Engine 1	%	0	0.2	0.18	0	26.8	26.7	1.01	-0.2	0	0.2	1.009	Valid
5/7/2020 12:04	Pump Engine 2	%	0	-0.1	-0.06	0	26.6	26.8	0.99	0.9	0	-0.1	0.989	Valid
5/7/2020 12:04	Pump Engine 3	%	0	0.1	0.05	0	27	27	1	0.1	0	0.1	1.001	Valid
5/8/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.7	1	0.5	0	0	0.995	Valid
5/8/2020 12:04	Pump Engine 1	%	0	-0.2	-0.17	0	26.8	26.7	1	-0.2	0	-0.2	0.996	Valid
5/8/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0.1	0	0	0.998	Valid
5/8/2020 12:04	Pump Engine 5	%	0	0	-0.04	0	26.3	26.1	1	-0.6	0	0	1.005	Valid
5/8/2020 12:04	Pump Engine 3	%	0	-0.1	-0.07	0	27	27	1	0	0	-0.1	0.998	Valid
5/9/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/9/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0	0	0	1	Valid
5/9/2020 12:04	Pump Engine 2	%	0	0.1	0.12	0	26.6	26.9	0.99	1	0	0.1	0.995	Valid
5/9/2020 12:04	Pump Engine 1	%	0	-0.1	-0.13	0	26.8	26.7	1	-0.3	0	-0.1	0.998	Valid
5/9/2020 12:04	Pump Engine 3	%	0	-0.1	-0.08	0	27	27	1	0	0	-0.1	0.997	Valid
5/10/2020 12:04	Pump Engine 1	%	0	0.3	0.3	0	26.8	26.7	1.01	-0.3	0	0.3	1.014	Valid
5/10/2020 12:04	Pump Engine 2	%	0	0	-0.04	0	26.6	26.7	0.99	0.5	0	0	0.993	Valid
5/10/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	1	Valid
5/10/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/10/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0.1	0	0.1	1.004	Valid
5/11/2020 12:04	Pump Engine 5	%	0	0	0.03	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/11/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	1	Valid
5/11/2020 12:04	Pump Engine 1	%	0	0	0.03	0	26.8	26.7	1	-0.3	0	0	1.004	Valid
5/11/2020 12:04	Pump Engine 2	%	0	0	0.05	0	26.6	26.8	0.99	0.8	0	0	0.994	Valid
5/11/2020 12:04	Pump Engine 3	%	0	0	0.05	0	27	27	1	0.1	0	0	1.001	Valid
5/12/2020 12:04	Pump Engine 2	%	0	-0.1	-0.05	0	26.6	26.8	0.99	0.7	0	-0.1	0.992	Valid
5/12/2020 12:04	Pump Engine 1	%	0	-0.1	-0.09	0	26.8	26.7	1	-0.2	0	-0.1	0.999	Valid
5/12/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0	0	0	0.998	Valid
5/12/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1	-0.6	0	0	1.005	Valid
5/12/2020 12:04	Pump Engine 3	%	0	-0.1	-0.06	0	27	27	1	0.1	0	-0.1	0.997	Valid
5/13/2020 12:04	Pump Engine 5	%	0	0	-0.04	0	26.3	26.1	1	-0.6	0	0	1.005	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
5/13/2020 12:04	Pump Engine 4	%	0	0	-0.02	0	26	26	1	0.1	0	0	0.998	Valid
5/13/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.7	0	0	0.992	Valid
5/13/2020 12:04	Pump Engine 1	%	0	0.1	0.06	0	26.8	26.7	1	-0.2	0	0.1	1.004	Valid
5/13/2020 12:04	Pump Engine 3	%	0	0	0.02	0	27	27	1	0	0	0	1	Valid
5/14/2020 12:04	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.8	1	-0.2	0	0.1	1.004	Valid
5/14/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
5/14/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.998	Valid
5/14/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/14/2020 12:04	Pump Engine 3	%	0	0.1	0.05	0	27	27	1	0.1	0	0.1	1.001	Valid
5/15/2020 12:04	Pump Engine 5	%	0	0	0.04	0	26.3	26.2	1.01	-0.6	0	0	1.007	Valid
5/15/2020 12:04	Pump Engine 4	%	0	0.1	0.07	0	26	26	1	0.2	0	0.1	1.001	Valid
5/15/2020 12:04	Pump Engine 1	%	0	0.3	0.26	0	26.8	26.8	1.01	-0.2	0	0.3	1.012	Valid
5/15/2020 12:04	Pump Engine 2	%	0	0.1	0.06	0	26.6	26.7	1	0.5	0	0.1	0.997	Valid
5/15/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0.1	0	0.1	1.003	Valid
5/16/2020 12:04	Pump Engine 2	%	0	0	-0.03	0	26.6	26.7	0.99	0.5	0	0	0.994	Valid
5/16/2020 12:04	Pump Engine 1	%	0	-0.1	-0.06	0	26.8	26.8	1	-0.2	0	-0.1	1	Valid
5/16/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	0.999	Valid
5/16/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/16/2020 12:04	Pump Engine 3	%	0	0	-0.01	0	27	27	1	0.1	0	0	0.999	Valid
5/17/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/17/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.999	Valid
5/17/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.6	0	0	0.993	Valid
5/17/2020 12:04	Pump Engine 1	%	0	-0.1	-0.06	0	26.8	26.7	1	-0.2	0	-0.1	1	Valid
5/17/2020 12:04	Pump Engine 3	%	0	0	-0.02	0	27	27	1	0.1	0	0	0.998	Valid
5/18/2020 12:04	Pump Engine 1	%	0	0	0.01	0	26.8	26.8	1	-0.2	0	0	1.002	Valid
5/18/2020 12:04	Pump Engine 2	%	0	0	0	0	26.6	26.8	0.99	0.6	0	0	0.994	Valid
5/18/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	0.999	Valid
5/18/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/18/2020 12:04	Pump Engine 3	%	0	0	0.02	0	27	27	1	0.1	0	0	1	Valid
5/19/2020 12:04	Pump Engine 5	%	0	0	-0.04	0	26.3	26.1	1	-0.6	0	0	1.005	Valid
5/19/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.998	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
5/19/2020 12:04	Pump Engine 1	%	0	-0.1	-0.06	0	26.8	26.7	1	-0.2	0	-0.1	1	Valid
5/19/2020 12:04	Pump Engine 2	%	0	0	-0.03	0	26.6	26.8	0.99	0.6	0	0	0.993	Valid
5/19/2020 12:04	Pump Engine 3	%	0	0	-0.04	0	27	27	1	0.1	0	0	0.998	Valid
5/20/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
5/20/2020 12:04	Pump Engine 1	%	0	0	-0.02	0	26.8	26.7	1	-0.2	0	0	1.001	Valid
5/20/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	0.999	Valid
5/20/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/20/2020 12:04	Pump Engine 3	%	0	0	-0.03	0	27	27	1	0.1	0	0	0.998	Valid
5/21/2020 12:05	Pump Engine 1	%	0	26.7	26.74	0	26.8	-0.1	-1	-100.4	0	26.7	-0.998	Invalid
5/21/2020 12:05	Pump Engine 3	%	0	27	27.04	0	27	-0.7	-0.97	-102.6	0	27	-0.973	Invalid
5/21/2020 12:05	Pump Engine 5	%	0	26.1	26.13	0	26.3	0	-1.01	-99.8	0	26.1	-1.008	Invalid
5/21/2020 12:05	Pump Engine 4	%	0	26	26.02	0	26	-0.2	-0.99	-100.7	0	26	-0.992	Invalid
5/21/2020 12:05	Pump Engine 2	%	0	26.8	26.76	0	26.6	0.9	-1.03	-96.7	0.1	26.8	-1.027	Invalid
5/21/2020 12:13	Pump Engine 1	%	0	0	0.01	0	26.8	26.7	1	-0.2	0	0	1.003	Valid
5/21/2020 12:13	Pump Engine 2	%	0	0	-0.02	0	26.6	26.7	0.99	0.5	0	0	0.994	Valid
5/21/2020 12:13	Pump Engine 3	%	0	0	-0.04	0	27	27	1	0.1	0	0	0.997	Valid
5/21/2020 12:13	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
5/21/2020 12:13	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/22/2020 12:04	Pump Engine 2	%	0	0	0.04	0	26.6	26.7	1	0.4	0	0	0.998	Valid
5/22/2020 12:04	Pump Engine 1	%	0	0	0.05	0	26.8	26.8	1	-0.2	0	0	1.003	Valid
5/22/2020 12:04	Pump Engine 5	%	0	0	0.03	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/22/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0.1	0	0.1	1.004	Valid
5/22/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	0.999	Valid
5/23/2020 12:04	Pump Engine 3	%	0	0.1	0.14	0	27	27	1	0.1	0	0.1	1.004	Valid
5/23/2020 12:04	Pump Engine 5	%	0	0.1	0.14	0	26.3	26.1	1.01	-0.6	0	0.1	1.012	Valid
5/23/2020 12:04	Pump Engine 4	%	0	0.2	0.25	0	26	26	1.01	0.1	0	0.2	1.008	Valid
5/23/2020 12:04	Pump Engine 1	%	0	0.9	0.91	0	26.8	26.7	1.04	-0.2	0	0.9	1.037	Valid
5/23/2020 12:04	Pump Engine 2	%	0	0.3	0.26	0	26.6	26.8	1	0.6	0	0.3	1.003	Valid
5/24/2020 12:04	Pump Engine 1	%	0	-0.8	-0.77	0	26.8	26.7	0.97	-0.2	0	-0.8	0.974	Valid
5/24/2020 12:04	Pump Engine 4	%	0	-0.1	-0.14	0	26	26	0.99	0.2	0	-0.1	0.993	Valid
5/24/2020 12:04	Pump Engine 2	%	0	-0.2	-0.2	0	26.6	26.8	0.99	0.8	0	-0.2	0.985	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
5/24/2020 12:04	Pump Engine 5	%	0	-0.1	-0.06	0	26.3	26.1	1	-0.6	0	-0.1	1.004	Valid
5/24/2020 12:04	Pump Engine 3	%	0	-0.1	-0.09	0	27	27	1	0.1	0	-0.1	0.996	Valid
5/25/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
5/25/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.7	0	0	0.994	Valid
5/25/2020 12:04	Pump Engine 3	%	0	0.1	0.07	0	27	27	1	0.1	0	0.1	1.002	Valid
5/25/2020 12:04	Pump Engine 4	%	0	0.1	0.06	0	26	26	1	0.1	0	0.1	1.001	Valid
5/25/2020 12:04	Pump Engine 1	%	0	0.3	0.25	0	26.8	26.7	1.01	-0.2	0	0.3	1.012	Valid
5/26/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
5/26/2020 12:04	Pump Engine 3	%	0	0	0.01	0	27	27	1	0.1	0	0	0.999	Valid
5/26/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.8	1.01	-0.2	0	0.1	1.005	Valid
5/26/2020 12:04	Pump Engine 2	%	0	0.1	0.05	0	26.6	26.8	0.99	0.7	0	0.1	0.995	Valid
5/26/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/27/2020 12:04	Pump Engine 2	%	0	0	0	0	26.6	26.8	0.99	0.7	0	0	0.993	Valid
5/27/2020 12:04	Pump Engine 1	%	0	0	-0.01	0	26.8	26.8	1	-0.2	0	0	1.001	Valid
5/27/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
5/27/2020 12:04	Pump Engine 3	%	0	0.1	0.05	0	27	27	1	0.1	0	0.1	1.001	Valid
5/27/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.999	Valid
5/28/2020 12:04	Pump Engine 3	%	0	0	0.03	0	27	27	1	0.1	0	0	1	Valid
5/28/2020 12:04	Pump Engine 5	%	0	0	0.04	0	26.3	26.2	1.01	-0.6	0	0	1.007	Valid
5/28/2020 12:04	Pump Engine 4	%	0	0.1	0.05	0	26	26	1	0.1	0	0.1	1.001	Valid
5/28/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.7	1.01	-0.2	0	0.1	1.005	Valid
5/28/2020 12:04	Pump Engine 2	%	0	0.1	0.05	0	26.6	26.8	1	0.6	0	0.1	0.996	Valid
5/29/2020 12:04	Pump Engine 1	%	0	-0.2	-0.23	0	26.8	26.8	0.99	-0.2	0	-0.2	0.993	Valid
5/29/2020 12:04	Pump Engine 4	%	0	-0.1	-0.09	0	26	26	1	0.1	0	-0.1	0.995	Valid
5/29/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.7	1	0.3	0	0	0.996	Valid
5/29/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.2	1.01	-0.6	0	0	1.006	Valid
5/29/2020 12:04	Pump Engine 3	%	0	0.1	0.11	0	27	27	1	0.1	0	0.1	1.003	Valid
5/30/2020 12:04	Pump Engine 5	%	0	-0.1	-0.07	0	26.3	26.2	1	-0.6	0	-0.1	1.003	Valid
5/30/2020 12:04	Pump Engine 2	%	0	-0.1	-0.08	0	26.6	26.8	0.99	0.6	0	-0.1	0.991	Valid
5/30/2020 12:04	Pump Engine 3	%	0	-0.1	-0.12	0	27	27	0.99	0.1	0	-0.1	0.994	Valid
5/30/2020 12:04	Pump Engine 4	%	0	-0.1	-0.07	0	26	26	1	0.1	0	-0.1	0.996	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
5/30/2020 12:04	Pump Engine 1	%	0	-0.1	-0.07	0	26.8	26.8	1	-0.2	0	-0.1	0.999	Valid
5/31/2020 12:04	Pump Engine 4	%	0	-0.1	-0.06	0	26	26	1	0.1	0	-0.1	0.997	Valid
5/31/2020 12:04	Pump Engine 3	%	0	-0.1	-0.15	0	27	27	0.99	0.1	0	-0.1	0.994	Valid
5/31/2020 12:04	Pump Engine 1	%	0	-0.1	-0.15	0	26.8	26.7	1	-0.2	0	-0.1	0.997	Valid
5/31/2020 12:04	Pump Engine 2	%	0	-0.1	-0.06	0	26.6	26.9	0.99	1	0	-0.1	0.988	Valid
5/31/2020 12:04	Pump Engine 5	%	0	-0.2	-0.15	0	26.3	26.1	1	-0.6	0	-0.2	1	Valid
6/1/2020 12:04	Pump Engine 2	%	0	0	0.01	0	26.6	26.9	0.99	0.9	0	0	0.991	Valid
6/1/2020 12:04	Pump Engine 1	%	0	0	-0.02	0	26.8	26.7	1	-0.2	0	0	1.001	Valid
6/1/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
6/1/2020 12:04	Pump Engine 3	%	0	0	-0.02	0	27	27	1	0.1	0	0	0.998	Valid
6/1/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
6/2/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0.1	0	0.1	1.001	Valid
6/2/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
6/2/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
6/2/2020 12:04	Pump Engine 1	%	0	0.1	0.12	0	26.8	26.8	1.01	-0.2	0	0.1	1.006	Valid
6/2/2020 12:04	Pump Engine 2	%	0	0	0.01	0	26.6	26.8	0.99	0.7	0	0	0.994	Valid
6/3/2020 12:04	Pump Engine 1	%	0	0.1	0.13	0	26.8	26.8	1.01	-0.2	0	0.1	1.007	Valid
6/3/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.998	Valid
6/3/2020 12:04	Pump Engine 2	%	0	0.1	0.11	0	26.6	26.7	1	0.5	0	0.1	0.999	Valid
6/3/2020 12:04	Pump Engine 5	%	0	0.1	0.08	0	26.3	26.1	1.01	-0.6	0	0.1	1.009	Valid
6/3/2020 12:04	Pump Engine 3	%	0	0.1	0.12	0	27	27	1	0.1	0	0.1	1.003	Valid
6/4/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.2	1.01	-0.5	0	0	1.005	Valid
6/4/2020 12:04	Pump Engine 2	%	0	-0.1	-0.07	0	26.6	26.6	1	-0.2	0	-0.1	0.999	Valid
6/4/2020 12:04	Pump Engine 3	%	0	0	0.02	0	27	27	1	0.1	0	0	0.999	Valid
6/4/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.2	0	0	0.999	Valid
6/4/2020 12:04	Pump Engine 1	%	0	0	0.02	0	26.8	26.7	1	-0.2	0	0	1.003	Valid
6/5/2020 12:04	Pump Engine 4	%	0	0.1	0.15	0	26	26	1	0.2	0	0.1	1.004	Valid
6/5/2020 12:04	Pump Engine 3	%	0	0.1	0.08	0	27	27	1	0.1	0	0.1	1.002	Valid
6/5/2020 12:04	Pump Engine 1	%	0	0	-0.02	0	26.8	26.7	1	-0.2	0	0	1.001	Valid
6/5/2020 12:04	Pump Engine 2	%	0	0.2	0.18	0	26.6	26.8	1	0.6	0	0.2	1	Valid
6/5/2020 12:04	Pump Engine 5	%	0	0.1	0.11	0	26.3	26.2	1.01	-0.6	0	0.1	1.01	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
6/6/2020 12:04	Pump Engine 2	%	0	-0.1	-0.12	0	26.6	26.7	0.99	0.2	0	-0.1	0.993	Valid
6/6/2020 12:04	Pump Engine 1	%	0	-0.8	-0.76	0	26.8	26.7	0.97	-0.2	0	-0.8	0.974	Valid
6/6/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.2	1.01	-0.5	0	0	1.005	Valid
6/6/2020 12:04	Pump Engine 3	%	0	0	-0.04	0	27	27	1	0.1	0	0	0.997	Valid
6/6/2020 12:04	Pump Engine 4	%	0	-0.2	-0.15	0	26	26	0.99	0.1	0	-0.2	0.993	Valid
6/7/2020 12:04	Pump Engine 5	%	0	-0.2	-0.16	0	26.3	26.1	1	-0.6	0	-0.2	1	Valid
6/7/2020 12:04	Pump Engine 2	%	0	-0.1	-0.12	0	26.6	26.8	0.99	0.9	0	-0.1	0.987	Valid
6/7/2020 12:04	Pump Engine 1	%	0	0	-0.05	0	26.8	26.7	1	-0.2	0	0	1	Valid
6/7/2020 12:04	Pump Engine 4	%	0	-0.1	-0.07	0	26	26	1	0.2	0	-0.1	0.996	Valid
6/7/2020 12:04	Pump Engine 3	%	0	-0.1	-0.13	0	27	27	0.99	0.1	0	-0.1	0.994	Valid
6/8/2020 12:04	Pump Engine 3	%	0	0	0.01	0	27	27	1	0.1	0	0	0.999	Valid
6/8/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
6/8/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.998	Valid
6/8/2020 12:04	Pump Engine 2	%	0	0	-0.01	0	26.6	26.8	0.99	0.7	0	0	0.993	Valid
6/8/2020 12:04	Pump Engine 1	%	0	0.1	0.06	0	26.8	26.8	1	-0.2	0	0.1	1.004	Valid
6/9/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
6/9/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.7	1.01	-0.3	0	0.1	1.006	Valid
6/9/2020 12:04	Pump Engine 2	%	0	0	0.01	0	26.6	26.7	1	0.4	0	0	0.996	Valid
6/9/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.2	1	-0.6	0	0	1.005	Valid
6/9/2020 12:04	Pump Engine 3	%	0	0	0.05	0	27	27	1	0.1	0	0	1	Valid
6/10/2020 12:04	Pump Engine 5	%	0	0	0.04	0	26.3	26.2	1.01	-0.6	0	0	1.007	Valid
6/10/2020 12:04	Pump Engine 3	%	0	0	0.05	0	27	27	1	0.1	0	0	1	Valid
6/10/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.7	1	0.4	0	0	0.997	Valid
6/10/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	0.999	Valid
6/10/2020 12:04	Pump Engine 1	%	0	0	0.04	0	26.8	26.8	1	-0.2	0	0	1.003	Valid
6/11/2020 12:04	Pump Engine 4	%	0	0.2	0.2	0	26	26	1.01	0.1	0	0.2	1.007	Valid
6/11/2020 12:04	Pump Engine 5	%	0	0.1	0.08	0	26.3	26.2	1.01	-0.6	0	0.1	1.009	Valid
6/11/2020 12:04	Pump Engine 2	%	0	0.1	0.13	0	26.6	26.7	1	0.5	0	0.1	1	Valid
6/11/2020 12:04	Pump Engine 1	%	0	0.7	0.67	0	26.8	26.8	1.03	-0.2	0	0.7	1.028	Valid
6/11/2020 12:04	Pump Engine 3	%	0	0.1	0.13	0	27	27	1	0.2	0	0.1	1.003	Valid
6/12/2020 12:04	Pump Engine 2	%	0	-0.1	-0.14	0	26.6	26.7	0.99	0.5	0	-0.1	0.989	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
6/12/2020 12:04	Pump Engine 3	%	0	-0.1	-0.09	0	27	27	1	0.1	0	-0.1	0.995	Valid
6/12/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.2	1.01	-0.5	0	0	1.005	Valid
6/12/2020 12:04	Pump Engine 1	%	0	-0.4	-0.39	0	26.8	26.7	0.99	-0.3	0	-0.4	0.988	Valid
6/12/2020 12:04	Pump Engine 4	%	0	-0.2	-0.23	0	26	26	0.99	0.2	0	-0.2	0.99	Valid
6/13/2020 12:04	Pump Engine 3	%	0	-0.1	-0.05	0	27	27	1	0.1	0	-0.1	0.997	Valid
6/13/2020 12:04	Pump Engine 5	%	0	0	-0.03	0	26.3	26.1	1	-0.6	0	0	1.005	Valid
6/13/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.1	0	0	1	Valid
6/13/2020 12:04	Pump Engine 2	%	0	0	0.04	0	26.6	26.8	0.99	0.9	0	0	0.992	Valid
6/13/2020 12:04	Pump Engine 1	%	0	-0.1	-0.1	0	26.8	26.8	1	-0.1	0	-0.1	0.998	Valid
6/14/2020 12:04	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.8	1	-0.2	0	0.1	1.004	Valid
6/14/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26	1	0.1	0	0	0.999	Valid
6/14/2020 12:04	Pump Engine 2	%	0	0	0.03	0	26.6	26.8	0.99	0.8	0	0	0.994	Valid
6/14/2020 12:04	Pump Engine 5	%	0	0	-0.01	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
6/14/2020 12:04	Pump Engine 3	%	0	0	0.02	0	27	27	1	0.1	0	0	0.999	Valid
6/15/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.1	1.01	-0.6	0	0	1.006	Valid
6/15/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.6	0	0	0.995	Valid
6/15/2020 12:04	Pump Engine 3	%	0	0	0.04	0	27	27	1	0.1	0	0	1	Valid
6/15/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.2	0	0	0.999	Valid
6/15/2020 12:04	Pump Engine 1	%	0	0.1	0.14	0	26.8	26.7	1.01	-0.2	0	0.1	1.008	Valid
6/16/2020 12:04	Pump Engine 4	%	0	0	0.03	0	26	26	1	0.1	0	0	1	Valid
6/16/2020 12:04	Pump Engine 3	%	0	0	0	0	27	27	1	0.1	0	0	0.999	Valid
6/16/2020 12:04	Pump Engine 1	%	0	0.1	0.07	0	26.8	26.7	1	-0.2	0	0.1	1.005	Valid
6/16/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.7	0	0	0.993	Valid
6/16/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.2	1.01	-0.6	0	0	1.006	Valid
6/17/2020 12:04	Pump Engine 1	%	0	0.1	0.05	0	26.8	26.7	1	-0.2	0	0.1	1.004	Valid
6/17/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.6	0	0	0.994	Valid
6/17/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.2	1.01	-0.6	0	0	1.006	Valid
6/17/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.1	0	0	0.999	Valid
6/17/2020 12:04	Pump Engine 3	%	0	0	0.03	0	27	27	1	0.1	0	0	1	Valid
6/18/2020 12:04	Pump Engine 5	%	0	0.1	0.07	0	26.3	26.1	1.01	-0.6	0	0.1	1.009	Valid
6/18/2020 12:04	Pump Engine 4	%	0	0.2	0.17	0	26	26	1.01	0.1	0	0.2	1.005	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
6/18/2020 12:04	Pump Engine 3	%	0	0.1	0.11	0	27	27	1	0.2	0	0.1	1.003	Valid
6/18/2020 12:04	Pump Engine 1	%	0	0.3	0.31	0	26.8	26.8	1.01	-0.1	0	0.3	1.013	Valid
6/18/2020 12:04	Pump Engine 2	%	0	0.1	0.11	0	26.6	26.8	1	0.7	0	0.1	0.997	Valid
6/19/2020 12:04	Pump Engine 1	%	0	-0.1	-0.09	0	26.8	26.8	1	-0.2	0	-0.1	0.998	Valid
6/19/2020 12:04	Pump Engine 4	%	0	0	-0.02	0	26	26	1	0.2	0	0	0.998	Valid
6/19/2020 12:04	Pump Engine 2	%	0	0	-0.03	0	26.6	26.8	0.99	0.7	0	0	0.992	Valid
6/19/2020 12:04	Pump Engine 5	%	0	0	0.03	0	26.3	26.2	1.01	-0.6	0	0	1.007	Valid
6/19/2020 12:04	Pump Engine 3	%	0	0.1	0.06	0	27	27	1	0.1	0	0.1	1.001	Valid
6/20/2020 12:04	Pump Engine 4	%	0	0	0	0	26	26.1	1	0.2	0	0	0.998	Valid
6/20/2020 12:04	Pump Engine 2	%	0	0	-0.01	0	26.6	26.8	0.99	0.7	0	0	0.993	Valid
6/20/2020 12:04	Pump Engine 3	%	0	0	-0.03	0	27	27	1	0.1	0	0	0.998	Valid
6/20/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.2	1.01	-0.6	0	0	1.006	Valid
6/20/2020 12:04	Pump Engine 1	%	0	0.2	0.16	0	26.8	26.8	1.01	-0.1	0	0.2	1.007	Valid
6/21/2020 12:04	Pump Engine 4	%	0	0	0.04	0	26	26	1	0.1	0	0	1	Valid
6/21/2020 12:04	Pump Engine 3	%	0	0	0.04	0	27	27	1	0.2	0	0	1	Valid
6/21/2020 12:04	Pump Engine 1	%	0	0	-0.02	0	26.8	26.8	1	-0.2	0	0	1.001	Valid
6/21/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.8	0	0	0.991	Valid
6/21/2020 12:04	Pump Engine 5	%	0	0	0	0	26.3	26.2	1.01	-0.5	0	0	1.006	Valid
6/22/2020 12:04	Pump Engine 2	%	0	0	0	0	26.6	26.7	0.99	0.5	0	0	0.995	Valid
6/22/2020 12:04	Pump Engine 1	%	0	0.1	0.06	0	26.8	26.8	1	-0.2	0	0.1	1.004	Valid
6/22/2020 12:04	Pump Engine 5	%	0	0	-0.04	0	26.3	26.2	1	-0.6	0	0	1.004	Valid
6/22/2020 12:04	Pump Engine 3	%	0	0	0.04	0	27	27	1	0.1	0	0	1	Valid
6/22/2020 12:04	Pump Engine 4	%	0	0	-0.03	0	26	26	1	0.1	0	0	0.998	Valid
6/23/2020 12:04	Pump Engine 3	%	0	0	0	0	27	27	1	0.1	0	0	0.998	Valid
6/23/2020 12:04	Pump Engine 5	%	0	0	0.04	0	26.3	26.2	1.01	-0.5	0	0	1.007	Valid
6/23/2020 12:04	Pump Engine 4	%	0	0	0.05	0	26	26	1	0.1	0	0	1.001	Valid
6/23/2020 12:04	Pump Engine 1	%	0	0	0.03	0	26.8	26.8	1	-0.1	0	0	1.002	Valid
6/23/2020 12:04	Pump Engine 2	%	0	0	0.01	0	26.6	26.8	0.99	0.9	0	0	0.992	Valid
6/24/2020 12:04	Pump Engine 1	%	0	0	-0.05	0	26.8	26.8	1	-0.1	0	0	0.999	Valid
6/24/2020 12:04	Pump Engine 4	%	0	0	-0.02	0	26	26.1	1	0.2	0	0	0.997	Valid
6/24/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.8	0	0	0.993	Valid

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: 2nd Quarter 2020
Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 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
6/24/2020 12:04	Pump Engine 5	%	0	0	-0.02	0	26.3	26.2	1	-0.6	0	0	1.005	Valid
6/24/2020 12:04	Pump Engine 3	%	0	0	0.04	0	27	27	1	0.1	0	0	1	Valid
6/25/2020 12:04	Pump Engine 5	%	0	-0.1	-0.12	0	26.3	26.2	1	-0.6	0	-0.1	1.001	Valid
6/25/2020 12:04	Pump Engine 3	%	0	0	-0.05	0	27	27	1	0.1	0	0	0.997	Valid
6/25/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
6/25/2020 12:04	Pump Engine 4	%	0	0	-0.01	0	26	26	1	0.1	0	0	0.998	Valid
6/25/2020 12:04	Pump Engine 1	%	0	-0.1	-0.06	0	26.8	26.8	1	-0.1	0	-0.1	0.999	Valid
6/26/2020 12:04	Pump Engine 4	%	0	0	0.04	0	26	26	1	0.2	0	0	1	Valid
6/26/2020 12:04	Pump Engine 3	%	0	0.1	0.05	0	27	27	1	0.1	0	0.1	1	Valid
6/26/2020 12:04	Pump Engine 1	%	0	0.1	0.09	0	26.8	26.8	1.01	-0.2	0	0.1	1.005	Valid
6/26/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.8	0.99	0.8	0	0	0.992	Valid
6/26/2020 12:04	Pump Engine 5	%	0	0.1	0.07	0	26.3	26.2	1.01	-0.6	0	0.1	1.008	Valid
6/27/2020 12:04	Pump Engine 2	%	0	0.1	0.05	0	26.6	26.9	0.99	1	0	0.1	0.992	Valid
6/27/2020 12:04	Pump Engine 1	%	0	0	0.01	0	26.8	26.8	1	-0.2	0	0	1.002	Valid
6/27/2020 12:04	Pump Engine 5	%	0	0	0.02	0	26.3	26.1	1.01	-0.6	0	0	1.007	Valid
6/27/2020 12:04	Pump Engine 3	%	0	0	-0.02	0	27	27	1	0.2	0	0	0.998	Valid
6/27/2020 12:04	Pump Engine 4	%	0	0	0.01	0	26	26	1	0.2	0	0	0.999	Valid
6/28/2020 12:04	Pump Engine 3	%	0	0.1	0.12	0	27	27.1	1	0.2	0	0.1	1.002	Valid
6/28/2020 12:04	Pump Engine 5	%	0	0.1	0.08	0	26.3	26.2	1.01	-0.5	0	0.1	1.008	Valid
6/28/2020 12:04	Pump Engine 4	%	0	0	0.02	0	26	26	1	0.2	0	0	0.999	Valid
6/28/2020 12:04	Pump Engine 1	%	0	-0.1	-0.13	0	26.8	26.7	1	-0.2	0	-0.1	0.997	Valid
6/28/2020 12:04	Pump Engine 2	%	0	0	-0.02	0	26.6	26.7	0.99	0.6	0	0	0.994	Valid
6/29/2020 12:04	Pump Engine 1	%	0	0.1	0.13	0	26.8	26.8	1.01	-0.2	0	0.1	1.006	Valid
6/29/2020 12:04	Pump Engine 4	%	0	0	0.04	0	26	26	1	0.1	0	0	1	Valid
6/29/2020 12:04	Pump Engine 2	%	0	0	0.02	0	26.6	26.5	1	-0.3	0	0	1.004	Valid
6/29/2020 12:04	Pump Engine 5	%	0	0	0.01	0	26.3	26.2	1.01	-0.6	0	0	1.006	Valid
6/29/2020 12:04	Pump Engine 3	%	0	0	-0.02	0	27	27	1	0.1	0	0	0.998	Valid
6/30/2020 12:04	Pump Engine 5	%	0	0	0.04	0	26.3	26.2	1.01	-0.6	0	0	1.007	Valid
6/30/2020 12:04	Pump Engine 2	%	0	0.1	0.09	0	26.6	26.5	1.01	-0.2	0	0.1	1.005	Valid
6/30/2020 12:04	Pump Engine 3	%	0	-0.1	-0.05	0	27	27	1	0.1	0	-0.1	0.997	Valid
6/30/2020 12:04	Pump Engine 4	%	0	0	0.03	0	26	26	1	0.1	0	0	1	Valid

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00

End of Report: 6/30/2020 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
6/30/2020 12:04	Pump Engine 1	%	0	0	-0.01	0	26.8	26.7	1	-0.2	0	0	1.002	Valid

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 13:06	20.7				
4/7/2020 7:36	53.1				
4/7/2020 7:42	72.3				
4/7/2020 7:48	43.5				
4/7/2020 7:54	26.7				
4/9/2020 6:36	29.7				
4/9/2020 6:42	31.2				
4/9/2020 10:18	23.6				
4/10/2020 11:42	25.5				
4/11/2020 12:48	21.1				
4/11/2020 12:54	33.7				
4/12/2020 12:30	21.8				
4/12/2020 12:36	26.7				

Maximum	72.3				
Minimum	20.7				
Exceedances	13				

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 13:24		27.5			
5/10/2020 13:30		23			
5/27/2020 9:18		30.4			
5/27/2020 9:24		25.3			
5/29/2020 11:42		31.6			
5/29/2020 11:48		33.2			
6/3/2020 21:36		21.5			

Maximum		33.2			
Minimum		21.5			
Exceedances		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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00

End of Report: 6/30/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
08/04/2020 04:54			31.1		
08/04/2020 14:42			21.7		
16/04/2020 18:06			28		
19/04/2020 13:12			22.1		
22/04/2020 06:06			20.1		
22/04/2020 06:12			21.5		
24/04/2020 01:54			20.2		
24/04/2020 09:30			21.8		
25/04/2020 21:30			21.7		
29/04/2020 16:36			40.2		
29/04/2020 16:42			41.5		
4/29/2020 16:48			39.9		
4/29/2020 16:54			39.6		
4/29/2020 17:00			37.8		
4/29/2020 17:06			20.2		
5/15/2020 7:18			24.6		
5/27/2020 17:36			27.4		
6/2/2020 21:24			22		
6/2/2020 0:36			23		

Maximum			31.1		
Minimum			31.1		
Exceedances			19		

Opacity Data Summary Report

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

Data Group: Valid Data

Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00

End of Report: 6/30/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
01/04/2020 15:24				22.3	
13/04/2020 06:42				27.1	
13/04/2020 06:48				25.9	
13/04/2020 06:54				22.1	
13/04/2020 07:24				20.3	
26/04/2020 10:54				23.5	
27/04/2020 15:48				24.2	
29/04/2020 09:48				28.9	
30/04/2020 21:24				21.7	
21/05/2020 12:30				21.5	
5/29/2020 11:18				20.8	
5/29/2020 11:24				21.9	
6/2/2020 13:00				20.7	
6/4/2020 19:54				25.6	
6/4/2020 20:00				22.4	
6/5/2020 1:00				22.5	
6/8/2020 9:42				27.1	
6/8/2020 9:48				24.7	
6/8/2020 9:54				20.7	
6/9/2020 12:54				23.4	
6/9/2020 13:00				26.6	
6/9/2020 13:06				22.8	
6/24/2020 9:00				23.2	
6/30/2020 7:12				23.7	
Maximum				22.3	
Minimum				22.3	
Exceedances				24	

Opacity Data Summary Report

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

Data Group: Valid Data

Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00

End of Report: 6/30/2020 23:54



Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 12:42					20.2
5/9/2020 17:12					24.1
5/11/2020 8:54					25.2
5/11/2020 9:00					25.6
5/18/2020 12:30					20.4
6/9/2020 6:30					20

Maximum					20.2
Minimum					20.2
Exceedances					5

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 12:00 AM	-0.7	1.1	2.5	-0.2	0
4/1/2020 12:06 AM	-0.7	1.1	2.6	-0.2	0
4/1/2020 12:12 AM	-0.7	1.1	2.6	-0.2	0
4/1/2020 12:18 AM	-0.7	1.1	2.6	-0.2	0
4/1/2020 12:24 AM	-0.7	1.1	2.7	-0.2	0
4/1/2020 12:30 AM	-0.7	1.1	2.7	-0.2	-0.1
4/1/2020 12:36 AM	-0.7	1	2.7	-0.2	0
4/1/2020 12:42 AM	-0.6	1	2.7	-0.2	0
4/1/2020 12:48 AM	-0.6	0.9	2.7	-0.2	0
4/1/2020 12:54 AM	-0.6	1	2.8	-0.2	0
4/1/2020 1:00 AM	-0.6	1	2.8	-0.2	0
4/1/2020 1:06 AM	-0.6	1	2.9	-0.2	0
4/1/2020 1:12 AM	-0.7	1	2.8	-0.2	0
4/1/2020 1:18 AM	-0.6	1	2.8	-0.2	-0.1
4/1/2020 1:24 AM	-0.6	1.1	2.8	-0.2	0
4/1/2020 1:30 AM	-0.6	1.1	2.8	-0.2	0
4/1/2020 1:36 AM	-0.6	1.1	2.9	-0.2	0
4/1/2020 1:42 AM	-0.6	1.1	3	-0.2	0
4/1/2020 1:48 AM	-0.6	1.1	3	-0.2	0
4/1/2020 1:54 AM	-0.6	1.1	2.9	-0.2	-0.1
4/1/2020 2:00 AM	-0.6	1.1	2.9	-0.2	-0.1
4/1/2020 2:06 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:12 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:18 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:24 AM	-0.6	1.1	2.9	-0.2	-0.1
4/1/2020 2:30 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:36 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:42 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 2:48 AM	-0.6	1.1	2.7	-0.2	-0.1
4/1/2020 2:54 AM	-0.6	1.1	2.7	-0.2	-0.1
4/1/2020 3:00 AM	-0.6	1.1	2.8	-0.2	-0.1
4/1/2020 3:06 AM	-0.7	1.1	2.7	-0.2	-0.1
4/1/2020 3:12 AM	-0.7	1	2.7	-0.2	-0.1
4/1/2020 3:18 AM	-0.7	1	2.7	-0.2	-0.1
4/1/2020 3:24 AM	-0.7	0.9	2.6	-0.2	-0.1
4/1/2020 3:30 AM	-0.6	0.9	2.7	-0.2	-0.1
4/1/2020 3:36 AM	-0.6	0.9	2.7	-0.2	-0.1
4/1/2020 3:42 AM	-0.7	0.8	2.7	-0.2	-0.1
4/1/2020 3:48 AM	-0.6	0.8	2.6	-0.2	-0.1
4/1/2020 3:54 AM	-0.6	0.8	2.7	-0.2	-0.1
4/1/2020 4:00 AM	-0.7	0.8	2.7	-0.2	-0.1
4/1/2020 4:06 AM	-0.7	0.7	2.7	-0.2	-0.1
4/1/2020 4:12 AM	-0.6	0.7	2.7	-0.2	-0.1
4/1/2020 4:18 AM	-0.7	0.7	2.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 4:24 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 4:30 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 4:36 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 4:42 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 4:48 AM	-0.7	0.6	2.6	-0.2	-0.1
4/1/2020 4:54 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 5:00 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 5:06 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 5:12 AM	-0.7	0.6	2.8	-0.2	-0.1
4/1/2020 5:18 AM	-0.7	0.6	2.8	-0.2	-0.1
4/1/2020 5:24 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 5:30 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 5:36 AM	-0.7	0.6	2.7	-0.1	-0.1
4/1/2020 5:42 AM	-0.7	0.6	2.6	-0.1	-0.1
4/1/2020 5:48 AM	-0.7	0.6	2.6	-0.1	-0.1
4/1/2020 5:54 AM	-0.7	0.6	2.8	-0.1	-0.1
4/1/2020 6:00 AM	-0.7	0.6	2.8	-0.2	-0.1
4/1/2020 6:06 AM	-0.7	0.6	2.8	-0.2	-0.1
4/1/2020 6:12 AM	-0.7	0.6	2.8	-0.2	-0.1
4/1/2020 6:18 AM	-0.7	0.6	2.8	-0.1	-0.1
4/1/2020 6:24 AM	-0.7	0.7	2.7	-0.2	-0.1
4/1/2020 6:30 AM	-0.7	0.9	2.6	-0.2	-0.1
4/1/2020 6:36 AM	-0.7	1.1	2.4	-0.2	-0.1
4/1/2020 6:42 AM	-0.7	1	2.4	-0.2	-0.1
4/1/2020 6:48 AM	-0.7	0.8	2.4	-0.2	-0.1
4/1/2020 6:54 AM	-0.7	0.7	2.5	-0.2	-0.1
4/1/2020 7:00 AM	-0.7	0.5	2.5	-0.2	-0.1
4/1/2020 7:06 AM	-0.7	0.5	2.4	-0.2	-0.1
4/1/2020 7:12 AM	-0.7	0.5	2.4	-0.2	-0.1
4/1/2020 7:18 AM	-0.7	0.5	2.5	-0.2	-0.1
4/1/2020 7:24 AM	-0.7	0.5	2.6	-0.2	-0.1
4/1/2020 7:30 AM	-0.7	0.6	2.7	-0.2	-0.1
4/1/2020 7:36 AM	-0.6	0.6	3	-0.2	-0.1
4/1/2020 7:42 AM	-0.6	0.6	3.1	-0.2	-0.1
4/1/2020 7:48 AM	-0.6	0.6	3.4	-0.2	-0.1
4/1/2020 7:54 AM	-0.6	0.6	3.5	-0.2	-0.1
4/1/2020 8:00 AM	-0.6	0.6	3.5	-0.2	-0.1
4/1/2020 8:06 AM	-0.6	0.5	3.5	-0.2	-0.1
4/1/2020 8:12 AM	-0.6	0.4	3.5	-0.2	-0.1
4/1/2020 8:18 AM	-0.6	0.3	3.6	-0.2	-0.1
4/1/2020 8:24 AM	-0.6	0.1	3.5	-0.2	-0.1
4/1/2020 8:30 AM	-0.5	-0.1	3.4	-0.2	8.5
4/1/2020 8:36 AM	-0.5	-0.1	3.3	-0.2	16.3
4/1/2020 8:42 AM	-0.5	-0.1	3.2	-0.2	9.7

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 8:48 AM	-0.5	-0.1	3	-0.2	5.8
4/1/2020 8:54 AM	-0.5	-0.1	3	-0.2	4.9
4/1/2020 9:00 AM	-0.5	-0.1	3	-0.2	4.9
4/1/2020 9:06 AM	-0.5	0	3	-0.2	5
4/1/2020 9:12 AM	-0.5	0	3	-0.2	4.7
4/1/2020 9:18 AM	-0.5	-0.1	3	-0.2	4
4/1/2020 9:24 AM	-0.5	-0.2	3	-0.2	3.3
4/1/2020 9:30 AM	-0.5	-0.3	3.1	-0.2	2.9
4/1/2020 9:36 AM	-0.5	-0.4	3.1	-0.2	2.7
4/1/2020 9:42 AM	-0.5	-0.4	3.1	-0.3	2.6
4/1/2020 9:48 AM	-0.5	-0.4	3.2	-0.3	2.5
4/1/2020 9:54 AM	-0.5	-0.3	3.3	-0.3	2.4
4/1/2020 10:00 AM	-0.5	-0.2	3.4	-0.3	2.4
4/1/2020 10:06 AM	-0.5	-0.1	3.6	-0.3	2.4
4/1/2020 10:12 AM	-0.5	0	3.7	-0.3	2.4
4/1/2020 10:18 AM	-0.4	0.1	3.7	-0.3	2.3
4/1/2020 10:24 AM	-0.4	0.1	3.8	-0.3	2.3
4/1/2020 10:30 AM	-0.4	0.2	3.7	-0.3	2.2
4/1/2020 10:36 AM	-0.4	0.2	3.6	-0.3	2.1
4/1/2020 10:42 AM	-0.4	0.2	3.5	-0.2	2.1
4/1/2020 10:48 AM	-0.4	0.2	3.5	-0.2	2.2
4/1/2020 10:54 AM	-0.4	0.3	3.4	-0.2	2.2
4/1/2020 11:00 AM	-0.4	0.3	3.2	-0.2	2.2
4/1/2020 11:06 AM	-0.4	0.4	3	-0.2	2.1
4/1/2020 11:12 AM	-0.4	0.5	2.9	-0.2	2.1
4/1/2020 11:18 AM	-0.4	0.5	2.9	-0.2	2.1
4/1/2020 11:24 AM	-0.4	0.3	2.8	-0.2	2.1
4/1/2020 11:30 AM	-0.4	0.1	2.7	-0.2	2.1
4/1/2020 11:36 AM	-0.4	-0.1	2.7	-0.2	2.1
4/1/2020 11:42 AM	-0.4	-0.2	2.6	-0.2	2.1
4/1/2020 11:48 AM	-0.4	-0.2	2.6	-0.2	2.1
4/1/2020 11:54 AM	-0.3	-0.2	2.9	-0.2	2.1
4/1/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/1/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/1/2020 12:12 PM	-0.4	0	3.2	-0.2	2.1
4/1/2020 12:18 PM	-0.4	0	3.2	-0.2	2.1
4/1/2020 12:24 PM	-0.3	-0.1	3.2	-0.2	2.1
4/1/2020 12:30 PM	-0.4	-0.1	3.1	-0.2	2.2
4/1/2020 12:36 PM	-0.4	-0.1	3	-0.2	2.2
4/1/2020 12:42 PM	-0.4	0	2.9	-0.2	2.2
4/1/2020 12:48 PM	-0.4	0.1	2.9	-0.2	2.1
4/1/2020 12:54 PM	-0.3	0.2	3	-0.2	2.1
4/1/2020 1:00 PM	-0.3	0.3	2.9	-0.2	2.1
4/1/2020 1:06 PM	-0.3	0.4	2.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 1:12 PM	-0.3	0.4	2.7	-0.2	2.2
4/1/2020 1:18 PM	-0.3	0.4	2.6	-0.2	2.2
4/1/2020 1:24 PM	-0.3	0.3	2.7	-0.2	2.2
4/1/2020 1:30 PM	-0.3	0.2	2.7	-0.2	2.2
4/1/2020 1:36 PM	-0.3	0.1	2.8	-0.2	2.2
4/1/2020 1:42 PM	-0.4	0.1	3	-0.2	2.1
4/1/2020 1:48 PM	-0.4	0	3	-0.3	2.1
4/1/2020 1:54 PM	-0.4	0	2.9	-0.2	2.1
4/1/2020 2:00 PM	-0.4	0	2.7	-0.2	2.1
4/1/2020 2:06 PM	-0.4	0.1	2.6	-0.2	2.1
4/1/2020 2:12 PM	-0.4	0.2	2.6	-0.2	2.1
4/1/2020 2:18 PM	-0.4	0.3	2.6	-0.2	2.1
4/1/2020 2:24 PM	-0.4	0.4	2.7	-0.2	2.1
4/1/2020 2:30 PM	-0.4	0.6	2.6	-0.2	2.1
4/1/2020 2:36 PM	-0.4	0.7	2.6	-0.2	2.1
4/1/2020 2:42 PM	-0.3	0.7	2.6	-0.2	2.1
4/1/2020 2:48 PM	-0.3	0.7	2.5	-0.2	2.1
4/1/2020 2:54 PM	-0.3	0.7	2.6	-0.2	2.1
4/1/2020 3:00 PM	-0.3	0.7	2.6	-0.2	2.1
4/1/2020 3:06 PM	-0.3	0.7	2.7	-0.2	2.1
4/1/2020 3:12 PM	-0.3	0.6	1.5	-0.2	2.2
4/1/2020 3:18 PM	-0.3	0.5	0.4	16.6	2.5
4/1/2020 3:24 PM	-0.3	0.3	0.2	22.3	2.8
4/1/2020 3:30 PM	-0.3	0.3	0.1	9.2	4.9
4/1/2020 3:36 PM	-0.3	0.3	0.1	1.8	7.1
4/1/2020 3:42 PM	-0.3	0.4	0.1	1.1	6.5
4/1/2020 3:48 PM	-0.3	0.6	0.1	0.5	6.5
4/1/2020 3:54 PM	-0.3	0.9	0.1	0.2	6.4
4/1/2020 4:00 PM	-0.3	1.2	0	-0.1	6.2
4/1/2020 4:06 PM	-0.3	1.3	-0.1	-0.2	5.8
4/1/2020 4:12 PM	-0.3	1.3	-0.1	-0.2	5.3
4/1/2020 4:18 PM	-0.3	1.4	-0.1	-0.2	5.3
4/1/2020 4:24 PM	-0.3	1.4	-0.2	-0.2	5.4
4/1/2020 4:30 PM	-0.3	1.4	-0.2	-0.3	5.5
4/1/2020 4:36 PM	-0.3	1.4	-0.3	-0.3	5.6
4/1/2020 4:42 PM	-0.3	1.4	-0.3	-0.3	5.6
4/1/2020 4:48 PM	-0.3	1.4	-0.3	-0.3	5.5
4/1/2020 4:54 PM	-0.3	1.3	5.9	-0.3	5
4/1/2020 5:00 PM	-0.3	1.3	18.8	-0.3	2.8
4/1/2020 5:06 PM	-0.3	1	14.7	-0.3	1.6
4/1/2020 5:12 PM	-0.4	0.7	5.8	-0.3	1.7
4/1/2020 5:18 PM	-0.4	0.5	5	-0.3	1.7
4/1/2020 5:24 PM	-0.3	0.4	4.9	-0.3	1.8
4/1/2020 5:30 PM	-0.4	0.3	4.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 5:36 PM	-0.4	0.2	4.5	-0.3	1.8
4/1/2020 5:42 PM	-0.3	0.3	4.1	-0.3	1.8
4/1/2020 5:48 PM	-0.4	0.4	4	-0.3	1.8
4/1/2020 5:54 PM	-0.4	0.6	3.9	-0.3	1.8
4/1/2020 6:00 PM	-0.4	0.8	3.7	-0.3	1.9
4/1/2020 6:06 PM	-0.4	0.9	3.5	-0.3	1.9
4/1/2020 6:12 PM	-0.4	1	3.3	-0.2	1.9
4/1/2020 6:18 PM	-0.4	1.1	3	-0.2	2
4/1/2020 6:24 PM	-0.4	1.2	2.8	-0.2	2
4/1/2020 6:30 PM	-0.4	1.2	2.8	-0.2	1.9
4/1/2020 6:36 PM	-0.4	1.1	3	-0.2	1.9
4/1/2020 6:42 PM	-0.4	1	3.1	-0.2	1.9
4/1/2020 6:48 PM	-0.4	1	3.2	-0.2	1.9
4/1/2020 6:54 PM	-0.4	1	3.2	-0.2	1.9
4/1/2020 7:00 PM	-0.4	1	3.2	-0.2	1.9
4/1/2020 7:06 PM	-0.4	1	3.3	-0.2	1.9
4/1/2020 7:12 PM	-0.4	1	3.5	-0.2	2
4/1/2020 7:18 PM	-0.4	1	3.5	-0.2	1.9
4/1/2020 7:24 PM	-0.4	0.9	3.4	-0.2	2
4/1/2020 7:30 PM	-0.4	0.9	3	-0.3	2
4/1/2020 7:36 PM	-0.4	0.9	2.9	-0.3	2
4/1/2020 7:42 PM	-0.4	0.9	3	-0.3	2
4/1/2020 7:48 PM	-0.4	0.9	2.9	-0.3	2
4/1/2020 7:54 PM	-0.4	0.9	2.9	-0.3	2
4/1/2020 8:00 PM	-0.4	0.9	3	-0.3	2
4/1/2020 8:06 PM	-0.4	0.8	3	-0.3	2
4/1/2020 8:12 PM	-0.4	0.8	2.9	-0.2	2
4/1/2020 8:18 PM	-0.4	0.8	2.9	-0.2	2
4/1/2020 8:24 PM	-0.4	0.8	2.9	-0.2	2
4/1/2020 8:30 PM	-0.4	0.8	2.8	-0.2	1.9
4/1/2020 8:36 PM	-0.4	0.8	2.7	-0.2	1.9
4/1/2020 8:42 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 8:48 PM	-0.5	0.8	2.8	-0.2	2
4/1/2020 8:54 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:00 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:06 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:12 PM	-0.5	0.8	2.8	-0.2	2
4/1/2020 9:18 PM	-0.5	0.8	2.6	-0.2	2
4/1/2020 9:24 PM	-0.5	0.8	2.6	-0.2	2
4/1/2020 9:30 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:36 PM	-0.5	0.8	2.6	-0.2	2
4/1/2020 9:42 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:48 PM	-0.5	0.8	2.7	-0.2	2
4/1/2020 9:54 PM	-0.5	0.8	2.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/1/2020 10:00 PM	-0.5	0.7	2.6	-0.2	2
4/1/2020 10:06 PM	-0.5	0.7	2.6	-0.2	1.9
4/1/2020 10:12 PM	-0.5	0.7	2.5	-0.2	1.9
4/1/2020 10:18 PM	-0.5	0.7	2.6	-0.2	1.9
4/1/2020 10:24 PM	-0.5	0.7	2.6	-0.2	1.9
4/1/2020 10:30 PM	-0.5	0.7	2.5	-0.2	1.9
4/1/2020 10:36 PM	-0.6	0.6	2.6	-0.2	1.9
4/1/2020 10:42 PM	-0.6	0.6	2.6	-0.2	1.9
4/1/2020 10:48 PM	-0.6	0.6	4.1	-0.2	1.6
4/1/2020 10:54 PM	-0.6	0.5	5.5	-0.2	0.5
4/1/2020 11:00 PM	-0.6	0.5	4.9	-0.2	0
4/1/2020 11:06 PM	-0.6	0.5	4.7	-0.2	0
4/1/2020 11:12 PM	-0.6	0.5	4.6	-0.2	0
4/1/2020 11:18 PM	-0.6	0.4	4.6	-0.2	-0.1
4/1/2020 11:24 PM	-0.6	0.4	4.5	-0.2	0
4/1/2020 11:30 PM	-0.6	0.4	4.5	-0.2	0
4/1/2020 11:36 PM	-0.6	0.4	4.4	-0.2	0
4/1/2020 11:42 PM	-0.6	0.4	4.3	-0.2	0
4/1/2020 11:48 PM	-0.6	0.3	4.3	-0.2	0
4/1/2020 11:54 PM	-0.6	0.3	4.4	-0.2	-0.1
4/2/2020 12:00 AM	-0.6	0.3	4.4	-0.2	-0.1
4/2/2020 12:06 AM	-0.6	0.3	4.4	-0.2	-0.1
4/2/2020 12:12 AM	-0.6	0.3	4.3	-0.2	-0.1
4/2/2020 12:18 AM	-0.6	0.3	4.4	-0.2	0
4/2/2020 12:24 AM	-0.6	0.3	4.4	-0.2	0
4/2/2020 12:30 AM	-0.6	0.3	4.3	-0.2	0
4/2/2020 12:36 AM	-0.6	0.2	4.4	-0.2	-0.1
4/2/2020 12:42 AM	-0.6	0.2	4.4	-0.2	0
4/2/2020 12:48 AM	-0.6	0.2	4.4	-0.2	0
4/2/2020 12:54 AM	-0.7	0.2	4.3	-0.2	-0.1
4/2/2020 1:00 AM	-0.7	0.2	4.4	-0.2	-0.1
4/2/2020 1:06 AM	-0.7	0.2	4.2	-0.2	0
4/2/2020 1:12 AM	-0.7	0.2	3.6	-0.2	-0.1
4/2/2020 1:18 AM	-0.7	0.2	3.2	-0.2	-0.1
4/2/2020 1:24 AM	-0.7	0.2	3.1	-0.2	0
4/2/2020 1:30 AM	-0.7	0.2	3.1	-0.2	0
4/2/2020 1:36 AM	-0.7	0.1	3.1	-0.2	0
4/2/2020 1:42 AM	-0.7	0.1	3	-0.2	0
4/2/2020 1:48 AM	-0.7	0.1	3.1	-0.2	-0.1
4/2/2020 1:54 AM	-0.7	0.1	3.1	-0.2	-0.1
4/2/2020 2:00 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 2:06 AM	-0.7	0.1	2.9	-0.2	-0.1
4/2/2020 2:12 AM	-0.7	0.1	2.9	-0.2	-0.1
4/2/2020 2:18 AM	-0.7	0.1	3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/2/2020 2:24 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 2:30 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 2:36 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 2:42 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 2:48 AM	-0.7	0.1	3.1	-0.2	0
4/2/2020 2:54 AM	-0.7	0.1	3.1	-0.2	-0.1
4/2/2020 3:00 AM	-0.7	0.1	3.1	-0.2	-0.1
4/2/2020 3:06 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 3:12 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 3:18 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 3:24 AM	-0.7	0.1	3.1	-0.2	-0.1
4/2/2020 3:30 AM	-0.7	0.1	3.1	-0.1	0
4/2/2020 3:36 AM	-0.8	0.1	3.1	-0.2	-0.1
4/2/2020 3:42 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 3:48 AM	-0.7	0.1	3	-0.2	-0.1
4/2/2020 3:54 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 4:00 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 4:06 AM	-0.8	0.1	3.1	7.7	-0.1
4/2/2020 4:12 AM	-0.8	0.1	3.1	12.6	-0.1
4/2/2020 4:18 AM	-0.8	0.1	3.1	4.1	-0.1
4/2/2020 4:24 AM	-0.8	0.1	3	1.5	-0.1
4/2/2020 4:30 AM	-0.8	0.1	2.9	1	-0.1
4/2/2020 4:36 AM	-0.8	0.1	3	0.6	-0.1
4/2/2020 4:42 AM	-0.8	0.1	3	0.2	-0.1
4/2/2020 4:48 AM	-0.8	0.1	2.9	0.1	-0.1
4/2/2020 4:54 AM	-0.8	0.1	2.9	0	-0.1
4/2/2020 5:00 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:06 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:12 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:18 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:24 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:30 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:36 AM	-0.8	0.1	2.9	-0.1	-0.1
4/2/2020 5:42 AM	-0.8	0.1	2.9	-0.1	-0.1
4/2/2020 5:48 AM	-0.8	0.1	3	-0.1	-0.1
4/2/2020 5:54 AM	-0.8	0.1	2.9	-0.1	-0.1
4/2/2020 6:00 AM	-0.9	0.3	2.8	-0.1	-0.1
4/2/2020 6:06 AM	-0.9	0.4	2.9	-0.1	-0.1
4/2/2020 6:12 AM	-0.8	0.4	2.8	-0.1	-0.1
4/2/2020 6:18 AM	-0.8	0.5	2.7	-0.1	-0.1
4/2/2020 6:24 AM	-0.9	0.4	3.3	-0.2	-0.1
4/2/2020 6:30 AM	-0.8	0.4	4.4	-0.2	-0.1
4/2/2020 6:36 AM	-0.8	0.3	4.3	-0.2	-0.1
4/2/2020 6:42 AM	-0.8	0.2	3.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/2/2020 6:48 AM	-0.8	0.2	3.5	-0.2	-0.1
4/2/2020 6:54 AM	-0.8	0.1	3.3	-0.2	-0.1
4/2/2020 7:00 AM	-0.8	0	3.3	-0.2	-0.1
4/2/2020 7:06 AM	-0.8	-0.1	3.6	-0.2	-0.1
4/2/2020 7:12 AM	-0.8	-0.2	3.9	-0.2	-0.1
4/2/2020 7:18 AM	-0.8	-0.2	4.1	-0.2	-0.1
4/2/2020 7:24 AM	-0.8	-0.2	4.1	-0.2	-0.1
4/2/2020 7:30 AM	-0.8	-0.2	4.1	-0.2	-0.1
4/2/2020 7:36 AM	-0.8	0	4	-0.2	-0.1
4/2/2020 7:42 AM	-0.7	0.1	4.1	-0.2	-0.1
4/2/2020 7:48 AM	-0.7	0.3	4.3	-0.2	-0.1
4/2/2020 7:54 AM	-0.7	0.3	4.3	-0.2	-0.1
4/2/2020 8:00 AM	-0.7	0.1	4.1	-0.2	-0.1
4/2/2020 8:06 AM	-0.7	0	3.9	-0.2	-0.1
4/2/2020 8:12 AM	-0.7	0	3.9	-0.2	-0.1
4/2/2020 8:18 AM	-0.7	0	3.9	6.4	-0.1
4/2/2020 8:24 AM	-0.7	0	3.5	16.9	-0.1
4/2/2020 8:30 AM	-0.7	0.1	2.9	17.7	-0.1
4/2/2020 8:36 AM	-0.6	0.1	2.7	14.3	-0.1
4/2/2020 8:42 AM	-0.7	0.3	2.7	10.6	-0.1
4/2/2020 8:48 AM	-0.7	0.5	2.6	11	-0.1
4/2/2020 8:54 AM	-0.7	0.5	2.9	8.3	-0.1
4/2/2020 9:00 AM	-0.7	0.5	3.3	5.4	-0.1
4/2/2020 9:06 AM	-0.6	0.5	3.3	5	-0.1
4/2/2020 9:12 AM	-0.7	0.5	3.3	4.6	-0.1
4/2/2020 9:18 AM	-0.7	0.4	3.3	4.4	-0.1
4/2/2020 9:24 AM	-0.6	0.4	3.2	4.4	-0.1
4/2/2020 9:30 AM	-0.6	0.2	3.3	4.4	-0.1
4/2/2020 9:36 AM	-0.6	0	3.4	4.5	-0.1
4/2/2020 9:42 AM	-0.6	-0.1	3.4	4.5	-0.1
4/2/2020 9:48 AM	-0.6	-0.1	3.5	4.3	-0.1
4/2/2020 9:54 AM	-0.6	0	3.5	4	-0.1
4/2/2020 10:00 AM	-0.6	0	3.3	4	-0.1
4/2/2020 10:06 AM	-0.6	0	3.4	4.1	-0.1
4/2/2020 10:12 AM	-0.6	0	3.5	3.9	-0.1
4/2/2020 10:18 AM	-0.6	0.1	3.6	3.6	-0.1
4/2/2020 10:24 AM	-0.6	0.2	3.7	3.3	-0.1
4/2/2020 10:30 AM	-0.6	0.2	3.8	3	-0.1
4/2/2020 10:36 AM	-0.6	0.2	3.9	2.7	-0.1
4/2/2020 10:42 AM	-0.6	0.2	5.9	1.5	-0.1
4/2/2020 10:48 AM	-0.5	0.2	7.5	-0.2	0
4/2/2020 10:54 AM	-0.6	0.2	6.9	-0.5	0
4/2/2020 11:00 AM	-0.6	0.3	6.6	-0.5	-0.1
4/2/2020 11:06 AM	-0.5	0.3	6.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/2/2020 11:12 AM	-0.5	0.4	6.5	-0.5	-0.1
4/2/2020 11:18 AM	-0.5	0.4	6.5	-0.5	-0.1
4/2/2020 11:24 AM	-0.5	0.3	6.6	-0.5	-0.1
4/2/2020 11:30 AM	-0.5	0.1	6.4	-0.5	-0.1
4/2/2020 11:36 AM	-0.5	0.1	6.3	-0.5	0
4/2/2020 11:42 AM	-0.5	0.1	6.3	-0.5	0
4/2/2020 11:48 AM	-0.4	0.2	6.1	-0.5	-0.1
4/2/2020 11:54 AM	-0.4	0.2	6.1	-0.5	0
4/2/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/2/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/2/2020 12:12 PM	Maintain	Maintain	7	-0.5	0
4/2/2020 12:18 PM	Maintain	Maintain	7.1	-0.4	0
4/2/2020 12:24 PM	Maintain	Maintain	7.1	-0.4	0
4/2/2020 12:30 PM	<Samp	<Samp	7.8	-0.5	0
4/2/2020 12:36 PM	-0.4	0	10	-0.5	0
4/2/2020 12:42 PM	-0.4	0	10.6	-0.5	0
4/2/2020 12:48 PM	-0.4	0.1	10.1	-0.5	0
4/2/2020 12:54 PM	-0.4	0.2	9.7	-0.5	0
4/2/2020 1:00 PM	-0.4	0.3	9.6	-0.5	0
4/2/2020 1:06 PM	-0.4	0.4	9.4	-0.5	0
4/2/2020 1:12 PM	-0.4	0.5	9.2	-0.5	0
4/2/2020 1:18 PM	-0.4	0.5	9.3	-0.5	0
4/2/2020 1:24 PM	-0.4	0.6	9.5	-0.5	0
4/2/2020 1:30 PM	-0.4	0.6	9.4	-0.5	0
4/2/2020 1:36 PM	-0.4	0.5	9.2	-0.5	0
4/2/2020 1:42 PM	-0.4	0.5	9.2	-0.5	0
4/2/2020 1:48 PM	-0.4	0.6	9.2	-0.5	0
4/2/2020 1:54 PM	-0.4	0.5	9.3	-0.5	0
4/2/2020 2:00 PM	-0.4	0.5	9.2	-0.5	0
4/2/2020 2:06 PM	-0.4	0.5	9.1	-0.5	0
4/2/2020 2:12 PM	-0.4	0.6	9	-0.5	0
4/2/2020 2:18 PM	-0.4	0.6	8.8	-0.5	0
4/2/2020 2:24 PM	-0.4	0.6	8.7	-0.5	0
4/2/2020 2:30 PM	-0.4	0.7	8.7	-0.5	0
4/2/2020 2:36 PM	-0.4	0.7	8.6	-0.5	0
4/2/2020 2:42 PM	-0.4	0.8	8.7	-0.5	0
4/2/2020 2:48 PM	-0.4	0.8	8.8	-0.5	0
4/2/2020 2:54 PM	-0.4	0.8	8.7	-0.5	0
4/2/2020 3:00 PM	-0.4	0.9	8.6	-0.5	0
4/2/2020 3:06 PM	-0.4	0.9	8.5	-0.5	0
4/2/2020 3:12 PM	-0.4	0.9	8.5	-0.5	0
4/2/2020 3:18 PM	-0.4	0.9	8.6	-0.5	0
4/2/2020 3:24 PM	-0.4	0.9	8.5	-0.5	0
4/2/2020 3:30 PM	-0.4	0.9	8.5	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/2/2020 3:36 PM	-0.4	0.8	8.5	-0.5	0
4/2/2020 3:42 PM	-0.4	0.8	8.5	-0.5	0
4/2/2020 3:48 PM	-0.4	0.8	8.5	-0.5	0
4/2/2020 3:54 PM	-0.4	0.8	8.6	-0.5	0
4/2/2020 4:00 PM	-0.4	0.9	8.7	-0.5	0
4/2/2020 4:06 PM	-0.4	0.9	8.8	-0.5	0
4/2/2020 4:12 PM	-0.4	0.9	8.8	-0.5	0
4/2/2020 4:18 PM	-0.4	0.9	8.7	-0.5	0
4/2/2020 4:24 PM	-0.4	0.9	8.6	-0.5	0
4/2/2020 4:30 PM	-0.4	0.9	8.6	-0.5	0
4/2/2020 4:36 PM	-0.4	0.9	8.8	-0.5	0
4/2/2020 4:42 PM	-0.4	0.8	8.9	-0.5	0
4/2/2020 4:48 PM	-0.4	0.8	8.8	-0.5	0
4/2/2020 4:54 PM	-0.4	0.8	8.8	-0.5	0
4/2/2020 5:00 PM	-0.4	0.7	8.5	-0.5	0
4/2/2020 5:06 PM	-0.4	0.7	8.4	-0.5	0
4/2/2020 5:12 PM	-0.4	0.7	8.5	-0.5	0
4/2/2020 5:18 PM	-0.4	0.7	8.6	-0.5	0
4/2/2020 5:24 PM	-0.4	0.7	8.4	-0.5	0
4/2/2020 5:30 PM	-0.4	0.7	8.5	-0.5	0
4/2/2020 5:36 PM	-0.4	0.6	8.5	-0.5	0
4/2/2020 5:42 PM	-0.4	0.7	8.4	-0.5	0
4/2/2020 5:48 PM	-0.5	0.7	8.4	-0.5	0
4/2/2020 5:54 PM	-0.5	0.7	8.5	-0.5	0
4/2/2020 6:00 PM	-0.5	0.7	8.8	-0.5	0
4/2/2020 6:06 PM	-0.5	0.7	8.7	-0.5	0
4/2/2020 6:12 PM	-0.5	0.6	8.6	-0.5	0
4/2/2020 6:18 PM	-0.5	0.7	8.6	-0.5	0
4/2/2020 6:24 PM	-0.5	0.7	8.5	-0.5	0
4/2/2020 6:30 PM	-0.5	0.6	8.5	-0.5	0
4/2/2020 6:36 PM	-0.5	0.6	8.6	-0.5	0
4/2/2020 6:42 PM	-0.5	0.6	8.6	-0.5	0
4/2/2020 6:48 PM	-0.5	0.6	6.6	-0.5	0
4/2/2020 6:54 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:00 PM	-0.5	0.6	5.5	-0.5	0
4/2/2020 7:06 PM	-0.5	0.6	5.5	-0.5	0
4/2/2020 7:12 PM	-0.5	0.6	5.4	-0.5	0
4/2/2020 7:18 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:24 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:30 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:36 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:42 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 7:48 PM	-0.5	0.6	5.3	-0.4	0
4/2/2020 7:54 PM	-0.5	0.6	5.3	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/2/2020 8:00 PM	-0.5	0.6	5.3	-0.5	0
4/2/2020 8:06 PM	-0.5	0.6	5.3	-0.4	0
4/2/2020 8:12 PM	-0.5	0.6	5.3	-0.4	0
4/2/2020 8:18 PM	-0.5	0.6	5.2	-0.4	0
4/2/2020 8:24 PM	-0.5	0.6	5.2	-0.4	0
4/2/2020 8:30 PM	-0.5	0.6	5.1	-0.4	0
4/2/2020 8:36 PM	-0.5	0.5	5.1	-0.4	0
4/2/2020 8:42 PM	-0.5	0.5	5	-0.4	0
4/2/2020 8:48 PM	-0.6	0.5	5	-0.4	0
4/2/2020 8:54 PM	-0.5	0.6	5.1	-0.4	0
4/2/2020 9:00 PM	-0.5	0.6	5.2	-0.4	0
4/2/2020 9:06 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 9:12 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 9:18 PM	-0.6	0.6	5	-0.4	0
4/2/2020 9:24 PM	-0.6	0.6	5	-0.4	0
4/2/2020 9:30 PM	-0.6	0.6	5	-0.4	0
4/2/2020 9:36 PM	-0.6	0.6	5	-0.5	0
4/2/2020 9:42 PM	-0.6	0.6	5	-0.5	0
4/2/2020 9:48 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 9:54 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 10:00 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 10:06 PM	-0.6	0.6	5	-0.4	0
4/2/2020 10:12 PM	-0.6	0.6	5	-0.4	0
4/2/2020 10:18 PM	-0.6	0.6	4.9	-0.4	0
4/2/2020 10:24 PM	-0.6	0.6	4.9	-0.4	0
4/2/2020 10:30 PM	-0.6	0.6	4.9	-0.4	0
4/2/2020 10:36 PM	-0.6	0.6	5	-0.4	0
4/2/2020 10:42 PM	-0.6	0.6	5	-0.4	0
4/2/2020 10:48 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 10:54 PM	-0.6	0.6	5.3	-0.4	0
4/2/2020 11:00 PM	-0.6	0.6	5.3	-0.4	0
4/2/2020 11:06 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:12 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:18 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:24 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:30 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:36 PM	-0.6	0.6	5.2	-0.4	0
4/2/2020 11:42 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 11:48 PM	-0.6	0.6	5.1	-0.4	0
4/2/2020 11:54 PM	-0.6	0.6	5	-0.4	0
4/3/2020 12:00 AM	-0.6	0.6	5	-0.4	0
4/3/2020 12:06 AM	-0.6	0.6	5.1	-0.4	0
4/3/2020 12:12 AM	-0.6	0.6	5.2	-0.4	0
4/3/2020 12:18 AM	-0.6	0.5	5.2	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 12:24 AM	-0.6	0.5	5.2	-0.4	0
4/3/2020 12:30 AM	-0.6	0.5	5.2	-0.4	0
4/3/2020 12:36 AM	-0.6	0.4	5.3	-0.4	0
4/3/2020 12:42 AM	-0.6	0.3	5.4	-0.4	0
4/3/2020 12:48 AM	-0.6	0.2	5.5	-0.4	0
4/3/2020 12:54 AM	-0.6	0.1	5.5	-0.4	0
4/3/2020 1:00 AM	-0.6	0.1	5.6	-0.4	0
4/3/2020 1:06 AM	-0.6	0.1	5.6	-0.4	0
4/3/2020 1:12 AM	-0.6	0.1	5.6	-0.4	0
4/3/2020 1:18 AM	-0.6	0	5.6	-0.4	0
4/3/2020 1:24 AM	-0.6	-0.1	5.8	-0.4	0
4/3/2020 1:30 AM	-0.6	-0.2	6	-0.3	0
4/3/2020 1:36 AM	-0.6	-0.2	6.3	-0.3	0
4/3/2020 1:42 AM	-0.6	-0.3	6.5	-0.3	0
4/3/2020 1:48 AM	-0.6	-0.2	6.7	-0.3	0
4/3/2020 1:54 AM	-0.6	-0.2	6.7	-0.3	0
4/3/2020 2:00 AM	-0.6	-0.1	6.5	-0.3	0
4/3/2020 2:06 AM	-0.6	0	6.2	-0.3	0
4/3/2020 2:12 AM	-0.6	0	5.9	-0.3	0
4/3/2020 2:18 AM	-0.6	0.2	5.8	-0.4	0
4/3/2020 2:24 AM	-0.6	0.3	5.8	-0.4	0
4/3/2020 2:30 AM	-0.6	0.4	5.8	-0.4	0
4/3/2020 2:36 AM	-0.6	0.4	5.7	-0.4	0
4/3/2020 2:42 AM	-0.6	0.5	5.5	-0.4	0
4/3/2020 2:48 AM	-0.6	0.5	5.5	-0.4	0
4/3/2020 2:54 AM	-0.6	0.5	5.5	-0.4	0
4/3/2020 3:00 AM	-0.6	0.4	5.5	-0.3	0
4/3/2020 3:06 AM	-0.6	0.2	5.6	-0.3	0
4/3/2020 3:12 AM	-0.6	0.2	5.8	-0.3	0
4/3/2020 3:18 AM	-0.6	0.2	5.8	-0.3	0
4/3/2020 3:24 AM	-0.6	0.3	5.7	-0.3	0
4/3/2020 3:30 AM	-0.6	0.4	5.6	-0.3	0
4/3/2020 3:36 AM	-0.6	0.5	5.5	-0.3	0
4/3/2020 3:42 AM	-0.6	0.5	5.5	-0.3	0
4/3/2020 3:48 AM	-0.6	0.5	5.5	-0.3	0
4/3/2020 3:54 AM	-0.6	0.3	5.5	-0.3	0
4/3/2020 4:00 AM	-0.6	0.2	5.2	-0.3	0
4/3/2020 4:06 AM	-0.6	0.2	4.7	-0.3	0
4/3/2020 4:12 AM	-0.6	0.2	4	-0.3	0
4/3/2020 4:18 AM	-0.6	0.1	3.4	-0.3	0
4/3/2020 4:24 AM	-0.6	0	3.2	-0.3	0
4/3/2020 4:30 AM	-0.6	0	3	-0.3	0
4/3/2020 4:36 AM	-0.7	0	2.9	-0.3	0
4/3/2020 4:42 AM	-0.7	0	2.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 4:48 AM	-0.7	0.1	2.8	-0.3	0
4/3/2020 4:54 AM	-0.7	0.1	2.7	-0.3	0
4/3/2020 5:00 AM	-0.7	0	2.9	-0.3	0
4/3/2020 5:06 AM	-0.7	0	3.2	-0.3	0
4/3/2020 5:12 AM	-0.7	0	3.4	-0.2	0
4/3/2020 5:18 AM	-0.7	0	3.6	-0.2	0
4/3/2020 5:24 AM	-0.7	0.1	3.7	-0.2	0
4/3/2020 5:30 AM	-0.7	0.1	3.6	-0.2	0
4/3/2020 5:36 AM	-0.7	0.1	3.6	-0.2	0
4/3/2020 5:42 AM	-0.7	0.2	3.6	-0.3	0
4/3/2020 5:48 AM	-0.7	0.1	3.5	-0.3	0
4/3/2020 5:54 AM	-0.7	0.2	3.5	-0.3	0
4/3/2020 6:00 AM	-0.7	0.2	3.5	-0.3	0
4/3/2020 6:06 AM	-0.7	0.2	3.6	-0.2	0
4/3/2020 6:12 AM	-0.7	0.1	4.3	-0.2	0
4/3/2020 6:18 AM	-0.7	0.2	4.9	-0.2	0
4/3/2020 6:24 AM	-0.7	0.2	5	-0.2	0
4/3/2020 6:30 AM	-0.7	0.2	4.9	-0.2	0
4/3/2020 6:36 AM	-0.7	0.3	4.8	-0.2	0
4/3/2020 6:42 AM	-0.7	0.3	4.9	-0.2	0
4/3/2020 6:48 AM	-0.7	0.3	5.2	-0.2	0
4/3/2020 6:54 AM	-0.7	0.4	5.5	-0.2	0
4/3/2020 7:00 AM	-0.7	0.4	5.5	-0.2	0
4/3/2020 7:06 AM	-0.7	0.4	5.5	-0.2	0
4/3/2020 7:12 AM	-0.7	0.5	5.5	-0.2	0
4/3/2020 7:18 AM	-0.7	0.5	5.4	-0.2	0
4/3/2020 7:24 AM	-0.7	0.5	5.4	-0.3	0
4/3/2020 7:30 AM	-0.7	0.5	5.3	-0.3	0
4/3/2020 7:36 AM	-0.7	0.7	5.3	-0.3	0
4/3/2020 7:42 AM	-0.7	0.8	5.2	-0.3	0
4/3/2020 7:48 AM	-0.7	0.8	5.1	-0.3	0
4/3/2020 7:54 AM	-0.7	0.9	4.9	-0.3	0
4/3/2020 8:00 AM	-0.7	0.9	4.5	-0.3	0
4/3/2020 8:06 AM	-0.7	0.9	4.4	-0.3	0
4/3/2020 8:12 AM	-0.7	0.7	4.5	-0.3	0
4/3/2020 8:18 AM	-0.7	0.5	4.5	-0.3	0
4/3/2020 8:24 AM	-0.7	0.6	4.5	-0.3	0
4/3/2020 8:30 AM	-0.7	0.7	4.5	-0.3	0
4/3/2020 8:36 AM	-0.7	0.8	4.4	-0.3	0
4/3/2020 8:42 AM	-0.7	0.8	4.4	-0.3	0
4/3/2020 8:48 AM	-0.7	0.8	4.4	-0.3	0
4/3/2020 8:54 AM	-0.7	0.8	4.4	-0.3	0
4/3/2020 9:00 AM	-0.7	0.7	4.4	-0.3	0
4/3/2020 9:06 AM	-0.7	0.7	4.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 9:12 AM	-0.7	0.7	4.4	-0.3	0
4/3/2020 9:18 AM	-0.7	0.7	4.3	-0.3	0
4/3/2020 9:24 AM	-0.6	0.7	4.5	-0.3	0
4/3/2020 9:30 AM	-0.6	0.7	4.5	-0.3	0
4/3/2020 9:36 AM	-0.6	0.7	4.6	-0.3	0
4/3/2020 9:42 AM	-0.6	0.7	4.8	-0.3	0
4/3/2020 9:48 AM	-0.6	0.8	4.8	-0.3	0
4/3/2020 9:54 AM	-0.6	0.8	4.8	-0.3	0
4/3/2020 10:00 AM	-0.6	0.8	4.7	-0.3	0
4/3/2020 10:06 AM	-0.6	0.7	4.6	-0.3	0
4/3/2020 10:12 AM	-0.6	0.5	5	-0.3	0
4/3/2020 10:18 AM	-0.6	0.3	5.5	-0.2	0
4/3/2020 10:24 AM	-0.6	0.3	5.9	-0.2	0
4/3/2020 10:30 AM	-0.6	0.3	6	-0.2	0
4/3/2020 10:36 AM	-0.6	0.3	6.1	-0.2	0
4/3/2020 10:42 AM	-0.6	0.5	6.1	-0.2	0
4/3/2020 10:48 AM	-0.6	0.6	6	-0.2	0
4/3/2020 10:54 AM	-0.6	0.6	5.9	-0.2	0
4/3/2020 11:00 AM	-0.6	0.7	5.9	-0.2	0
4/3/2020 11:06 AM	-0.6	0.7	5.9	-0.2	0
4/3/2020 11:12 AM	-0.6	0.7	5.8	-0.2	0
4/3/2020 11:18 AM	-0.6	0.7	5.7	-0.2	0
4/3/2020 11:24 AM	-0.6	0.7	5.7	-0.2	0
4/3/2020 11:30 AM	-0.6	0.7	5.7	-0.2	0
4/3/2020 11:36 AM	-0.6	0.7	5.8	-0.2	0
4/3/2020 11:42 AM	-0.6	0.7	5.8	-0.2	0
4/3/2020 11:48 AM	-0.6	0.8	5.8	-0.2	0
4/3/2020 11:54 AM	-0.6	0.8	5.8	-0.2	0
4/3/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/3/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/3/2020 12:12 PM	-0.6	0.8	6.1	-0.2	0
4/3/2020 12:18 PM	-0.6	0.8	6.1	-0.3	0
4/3/2020 12:24 PM	-0.6	0.8	6.2	-0.3	0
4/3/2020 12:30 PM	-0.6	0.8	6.2	-0.3	0
4/3/2020 12:36 PM	-0.6	0.9	6.2	-0.3	0
4/3/2020 12:42 PM	-0.5	0.9	6.3	-0.3	0
4/3/2020 12:48 PM	-0.5	0.9	6.4	-0.3	0
4/3/2020 12:54 PM	-0.5	0.9	6.3	-0.3	11.5
4/3/2020 1:00 PM	11.8	0.9	6.1	4	18.1
4/3/2020 1:06 PM	20.7	0.9	5.5	9.1	9.1
4/3/2020 1:12 PM	11.2	0.9	4.6	3.1	5.8
4/3/2020 1:18 PM	5.9	0.9	4	0.1	4.9
4/3/2020 1:24 PM	2.8	0.9	3.6	-0.2	4.7
4/3/2020 1:30 PM	1.1	0.9	3.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 1:36 PM	0.4	0.9	3.5	-0.3	5
4/3/2020 1:42 PM	-0.1	0.9	3.3	-0.3	5
4/3/2020 1:48 PM	-0.3	0.9	3.2	-0.3	4.3
4/3/2020 1:54 PM	-0.4	0.9	3.2	-0.3	3.6
4/3/2020 2:00 PM	-0.4	0.9	3.2	-0.3	3.1
4/3/2020 2:06 PM	-0.4	0.8	3.3	-0.3	2.8
4/3/2020 2:12 PM	-0.4	0.8	3.4	-0.3	2.6
4/3/2020 2:18 PM	-0.5	0.7	3.5	-0.3	2.6
4/3/2020 2:24 PM	-0.5	0.7	3.6	-0.3	2.6
4/3/2020 2:30 PM	-0.5	0.7	3.6	-0.3	2.5
4/3/2020 2:36 PM	-0.5	0.8	3.7	-0.3	2.4
4/3/2020 2:42 PM	-0.5	0.8	3.7	-0.3	2.4
4/3/2020 2:48 PM	-0.5	0.8	3.7	-0.3	2.4
4/3/2020 2:54 PM	-0.5	0.8	3.8	-0.3	2.4
4/3/2020 3:00 PM	-0.5	0.8	3.8	-0.3	2.4
4/3/2020 3:06 PM	-0.5	0.8	3.8	-0.3	2.4
4/3/2020 3:12 PM	-0.5	0.8	3.8	-0.2	2.4
4/3/2020 3:18 PM	-0.5	0.8	3.7	-0.2	2.4
4/3/2020 3:24 PM	-0.5	0.8	3.7	-0.2	2.4
4/3/2020 3:30 PM	-0.5	0.8	3.7	-0.2	2.4
4/3/2020 3:36 PM	-0.5	0.9	3.7	-0.2	2.4
4/3/2020 3:42 PM	-0.5	0.9	3.7	-0.2	2.4
4/3/2020 3:48 PM	-0.5	0.9	3.6	-0.3	2.4
4/3/2020 3:54 PM	-0.5	0.9	3.5	-0.3	2.5
4/3/2020 4:00 PM	-0.5	0.9	3.4	-0.3	2.4
4/3/2020 4:06 PM	-0.5	0.9	3.3	-0.3	2.4
4/3/2020 4:12 PM	-0.5	0.9	3.3	-0.3	2.4
4/3/2020 4:18 PM	-0.5	0.8	3.2	-0.3	2.4
4/3/2020 4:24 PM	-0.5	0.8	3.1	-0.3	2.4
4/3/2020 4:30 PM	-0.5	0.8	3.1	-0.3	2.4
4/3/2020 4:36 PM	-0.5	0.9	3.1	-0.3	2.4
4/3/2020 4:42 PM	-0.5	1	3	-0.3	2.4
4/3/2020 4:48 PM	-0.5	1	3	-0.3	2.4
4/3/2020 4:54 PM	-0.5	1	3	-0.3	2.4
4/3/2020 5:00 PM	-0.5	1.1	3	-0.3	2.4
4/3/2020 5:06 PM	-0.5	1.1	3	-0.3	2.3
4/3/2020 5:12 PM	-0.5	1.1	3	-0.3	2.3
4/3/2020 5:18 PM	-0.5	1.1	3	-0.3	2.4
4/3/2020 5:24 PM	-0.5	1.1	3	-0.3	2.4
4/3/2020 5:30 PM	-0.5	1.1	3	-0.3	2.3
4/3/2020 5:36 PM	-0.5	1.1	2.9	-0.3	2.3
4/3/2020 5:42 PM	-0.5	1.1	2.9	-0.3	2.3
4/3/2020 5:48 PM	-0.5	1	2.9	-0.3	2.4
4/3/2020 5:54 PM	-0.5	1	2.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 6:00 PM	-0.5	1	3	-0.3	2.4
4/3/2020 6:06 PM	-0.5	1	3	-0.3	2.4
4/3/2020 6:12 PM	-0.5	1	3	-0.3	2.4
4/3/2020 6:18 PM	-0.5	0.9	3	-0.3	2.5
4/3/2020 6:24 PM	-0.5	0.9	3.1	-0.3	2.4
4/3/2020 6:30 PM	-0.5	0.9	3.1	-0.3	2.4
4/3/2020 6:36 PM	-0.5	0.8	3	-0.3	2.4
4/3/2020 6:42 PM	-0.5	0.8	3	-0.3	2.5
4/3/2020 6:48 PM	-0.5	0.9	3.1	-0.3	2.5
4/3/2020 6:54 PM	-0.5	0.9	3.1	-0.3	2.4
4/3/2020 7:00 PM	-0.5	0.9	3.1	-0.3	2.4
4/3/2020 7:06 PM	-0.5	0.9	3.1	-0.3	2.5
4/3/2020 7:12 PM	-0.5	0.9	3.1	-0.3	2.5
4/3/2020 7:18 PM	-0.5	1	3.1	-0.3	2.5
4/3/2020 7:24 PM	-0.5	1	3	-0.3	2.5
4/3/2020 7:30 PM	-0.5	1	2.9	-0.3	2.5
4/3/2020 7:36 PM	-0.5	1	2.8	-0.3	2.5
4/3/2020 7:42 PM	-0.5	1.1	2.7	-0.3	2.5
4/3/2020 7:48 PM	-0.5	1.1	2.8	-0.3	2.5
4/3/2020 7:54 PM	-0.5	1.1	2.9	-0.3	2.6
4/3/2020 8:00 PM	-0.5	1.1	2.8	-0.3	2.6
4/3/2020 8:06 PM	-0.5	1.1	2.8	-0.3	2.5
4/3/2020 8:12 PM	-0.5	1.1	2.7	-0.3	2.2
4/3/2020 8:18 PM	-0.5	1.1	2.6	-0.3	2.2
4/3/2020 8:24 PM	-0.5	1.1	2.6	-0.3	2.2
4/3/2020 8:30 PM	-0.5	1.2	2.6	-0.3	2.2
4/3/2020 8:36 PM	-0.5	1.2	2.6	-0.3	2.2
4/3/2020 8:42 PM	-0.5	1.2	2.6	-0.3	2.2
4/3/2020 8:48 PM	-0.5	1.2	2.6	-0.3	2.2
4/3/2020 8:54 PM	-0.5	1.2	2.6	-0.3	2.2
4/3/2020 9:00 PM	-0.5	1.3	2.8	-0.3	1.7
4/3/2020 9:06 PM	-0.5	1.3	3.2	-0.3	0.6
4/3/2020 9:12 PM	-0.5	1.3	3.3	-0.3	0.2
4/3/2020 9:18 PM	-0.5	1.3	3.5	-0.3	0.2
4/3/2020 9:24 PM	-0.5	1.3	3.5	-0.3	0.1
4/3/2020 9:30 PM	-0.5	1.3	3.5	-0.3	0.2
4/3/2020 9:36 PM	-0.5	1.3	3.6	-0.3	0.2
4/3/2020 9:42 PM	-0.5	1.3	3.6	-0.3	0.2
4/3/2020 9:48 PM	-0.5	1.3	3.6	-0.3	0.2
4/3/2020 9:54 PM	-0.5	1.3	3.6	-0.3	0.2
4/3/2020 10:00 PM	-0.5	1.3	3.6	-0.3	0.2
4/3/2020 10:06 PM	-0.5	1.3	3.8	-0.3	0.2
4/3/2020 10:12 PM	-0.5	1.3	4	-0.3	0.2
4/3/2020 10:18 PM	-0.5	1.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/3/2020 10:24 PM	-0.5	1.2	4	-0.3	0.2
4/3/2020 10:30 PM	-0.5	1.2	3.9	-0.3	0.2
4/3/2020 10:36 PM	-0.5	1.3	4	-0.3	0.2
4/3/2020 10:42 PM	-0.5	1.2	4	-0.3	0.1
4/3/2020 10:48 PM	-0.5	1.2	4	-0.3	0.1
4/3/2020 10:54 PM	-0.5	1.2	4	-0.3	0.2
4/3/2020 11:00 PM	-0.5	1.2	4	-0.3	0.1
4/3/2020 11:06 PM	-0.5	1.2	4.1	-0.3	0.1
4/3/2020 11:12 PM	-0.5	1.2	4.1	-0.3	0.1
4/3/2020 11:18 PM	-0.5	1.2	4.2	-0.3	0.1
4/3/2020 11:24 PM	-0.5	1.2	4.2	-0.3	0.1
4/3/2020 11:30 PM	-0.5	1.2	4.3	-0.3	0.1
4/3/2020 11:36 PM	-0.5	1.1	4.5	-0.3	0.1
4/3/2020 11:42 PM	-0.5	0.9	4.7	-0.3	0.1
4/3/2020 11:48 PM	-0.5	0.9	4.7	-0.3	0.1
4/3/2020 11:54 PM	-0.5	1	4.7	-0.3	0.1
4/4/2020 12:00 AM	-0.5	1	4.6	-0.3	0.1
4/4/2020 12:06 AM	-0.5	1	4.6	-0.3	0.1
4/4/2020 12:12 AM	-0.5	1	4.5	-0.3	0.1
4/4/2020 12:18 AM	-0.5	1	4.5	-0.3	0.1
4/4/2020 12:24 AM	-0.5	1.1	4.5	-0.3	0.1
4/4/2020 12:30 AM	-0.5	1.1	4.4	-0.3	0.1
4/4/2020 12:36 AM	-0.5	1.1	4.3	-0.3	0.1
4/4/2020 12:42 AM	-0.5	1.1	4.2	-0.3	0.1
4/4/2020 12:48 AM	-0.5	1.1	4.2	-0.2	0.1
4/4/2020 12:54 AM	-0.5	1	4.2	-0.3	0.1
4/4/2020 1:00 AM	-0.5	1	4.2	-0.3	0.1
4/4/2020 1:06 AM	-0.5	1	4.2	-0.2	0.1
4/4/2020 1:12 AM	-0.6	1	4.3	-0.2	0.1
4/4/2020 1:18 AM	-0.5	1	4.3	-0.3	0.1
4/4/2020 1:24 AM	-0.6	1	4.4	-0.3	0.1
4/4/2020 1:30 AM	-0.6	1	4.5	-0.3	0.1
4/4/2020 1:36 AM	-0.5	1	4.6	-0.3	0.1
4/4/2020 1:42 AM	-0.5	1	4.7	-0.3	0.1
4/4/2020 1:48 AM	-0.5	1	4.7	-0.3	0.1
4/4/2020 1:54 AM	-0.5	1	4.7	-0.3	0.1
4/4/2020 2:00 AM	-0.6	1	4.8	-0.3	0.1
4/4/2020 2:06 AM	-0.5	1	4.8	-0.3	0.1
4/4/2020 2:12 AM	-0.5	1	4.8	-0.3	0.1
4/4/2020 2:18 AM	-0.5	1	4.7	-0.3	0.1
4/4/2020 2:24 AM	-0.5	0.9	4.8	-0.3	0.1
4/4/2020 2:30 AM	-0.5	0.9	4.8	-0.3	0.1
4/4/2020 2:36 AM	-0.5	0.9	4.8	-0.3	0.1
4/4/2020 2:42 AM	-0.5	0.9	4.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/4/2020 2:48 AM	-0.5	0.9	4.9	-0.3	0.1
4/4/2020 2:54 AM	-0.5	0.9	4.8	-0.3	0.1
4/4/2020 3:00 AM	-0.5	0.9	4.8	-0.2	0.1
4/4/2020 3:06 AM	-0.5	0.9	4.7	-0.2	0.1
4/4/2020 3:12 AM	-0.5	0.9	4.6	-0.2	0.1
4/4/2020 3:18 AM	-0.5	0.9	4.5	-0.2	0.1
4/4/2020 3:24 AM	-0.5	0.9	4.4	-0.2	0.1
4/4/2020 3:30 AM	-0.5	0.9	4.5	-0.2	0.1
4/4/2020 3:36 AM	-0.6	0.9	4.6	-0.2	0.1
4/4/2020 3:42 AM	-0.6	0.9	4.5	-0.2	0.1
4/4/2020 3:48 AM	-0.6	0.9	4.5	-0.2	0.1
4/4/2020 3:54 AM	-0.6	0.9	4.5	-0.2	0.1
4/4/2020 4:00 AM	-0.6	0.9	4.6	-0.2	0.1
4/4/2020 4:06 AM	-0.6	0.9	4.7	-0.2	0.1
4/4/2020 4:12 AM	-0.6	0.9	4.7	-0.2	0.1
4/4/2020 4:18 AM	-0.6	0.9	4.7	-0.2	0.1
4/4/2020 4:24 AM	-0.6	0.8	4.8	-0.2	0.1
4/4/2020 4:30 AM	-0.6	0.7	5.1	-0.2	0.1
4/4/2020 4:36 AM	-0.6	0.6	5.5	-0.2	0.1
4/4/2020 4:42 AM	-0.6	0.5	5.6	-0.2	0.1
4/4/2020 4:48 AM	-0.6	0.5	5.5	-0.2	0.1
4/4/2020 4:54 AM	-0.6	0.5	5	-0.2	0.1
4/4/2020 5:00 AM	-0.6	0.5	4.4	-0.2	0.1
4/4/2020 5:06 AM	-0.6	0.5	4.2	-0.1	0.1
4/4/2020 5:12 AM	-0.6	0.6	4.2	-0.1	0.1
4/4/2020 5:18 AM	-0.6	0.6	4.2	-0.1	0.1
4/4/2020 5:24 AM	-0.6	0.7	4.2	-0.1	0.1
4/4/2020 5:30 AM	-0.6	0.7	4.1	-0.1	0.1
4/4/2020 5:36 AM	-0.6	0.7	4.2	-0.1	0.1
4/4/2020 5:42 AM	-0.6	0.7	4.1	-0.2	0.1
4/4/2020 5:48 AM	-0.6	0.7	3.9	-0.2	0.1
4/4/2020 5:54 AM	-0.6	0.7	3.7	-0.2	0.1
4/4/2020 6:00 AM	-0.6	0.7	3.6	-0.2	0.1
4/4/2020 6:06 AM	-0.6	0.7	3.5	-0.2	0.1
4/4/2020 6:12 AM	-0.6	0.7	3.6	-0.2	0.1
4/4/2020 6:18 AM	-0.6	0.8	3.6	-0.2	0.1
4/4/2020 6:24 AM	-0.6	0.8	3.5	-0.2	0.1
4/4/2020 6:30 AM	-0.6	0.8	3.7	-0.2	0.1
4/4/2020 6:36 AM	-0.6	0.8	4.1	-0.2	0.1
4/4/2020 6:42 AM	-0.6	0.8	4.2	-0.1	0.1
4/4/2020 6:48 AM	-0.6	0.8	4	-0.1	0.1
4/4/2020 6:54 AM	-0.6	0.8	3.8	-0.1	0.1
4/4/2020 7:00 AM	-0.6	0.9	3.6	-0.2	0.1
4/4/2020 7:06 AM	-0.6	0.9	3.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/4/2020 7:12 AM	-0.6	0.9	3.7	-0.2	0.1
4/4/2020 7:18 AM	-0.6	0.9	4.1	-0.2	0.1
4/4/2020 7:24 AM	-0.6	0.9	4.3	-0.2	0.1
4/4/2020 7:30 AM	-0.6	0.9	4.3	-0.2	0.1
4/4/2020 7:36 AM	-0.6	0.9	4.4	-0.2	0.1
4/4/2020 7:42 AM	-0.6	0.9	4.5	-0.1	0.1
4/4/2020 7:48 AM	-0.6	0.9	4.5	-0.1	0.1
4/4/2020 7:54 AM	-0.6	0.9	4.4	-0.2	0.1
4/4/2020 8:00 AM	-0.6	0.9	4.2	-0.2	0.1
4/4/2020 8:06 AM	-0.6	0.9	4.1	-0.2	0.1
4/4/2020 8:12 AM	-0.6	0.9	4	-0.2	0.1
4/4/2020 8:18 AM	-0.6	0.9	4	-0.2	0.1
4/4/2020 8:24 AM	-0.6	0.9	3.8	-0.2	0.1
4/4/2020 8:30 AM	-0.6	0.9	3.8	-0.2	0.1
4/4/2020 8:36 AM	-0.6	1	4.1	-0.2	0.1
4/4/2020 8:42 AM	-0.6	1	4.4	-0.3	0.1
4/4/2020 8:48 AM	-0.6	1	4.5	-0.3	0.1
4/4/2020 8:54 AM	-0.6	1	4.6	-0.3	0.1
4/4/2020 9:00 AM	-0.6	1	4.6	-0.3	0.1
4/4/2020 9:06 AM	-0.6	1	4.7	-0.3	0.1
4/4/2020 9:12 AM	-0.6	1	4.7	-0.3	0.1
4/4/2020 9:18 AM	-0.5	1.1	4.8	-0.3	0.1
4/4/2020 9:24 AM	-0.5	1.2	4.8	-0.3	0.1
4/4/2020 9:30 AM	-0.5	1.3	4.8	-0.3	0.1
4/4/2020 9:36 AM	-0.5	1.3	4.7	-0.3	0.1
4/4/2020 9:42 AM	-0.5	1.4	4.6	-0.3	0.1
4/4/2020 9:48 AM	-0.5	1.4	4.6	-0.3	0.1
4/4/2020 9:54 AM	-0.5	1.4	4.7	-0.3	0.1
4/4/2020 10:00 AM	-0.5	1.4	4.6	-0.3	0.1
4/4/2020 10:06 AM	-0.5	1.4	4.5	-0.2	0.1
4/4/2020 10:12 AM	-0.5	1.4	4.5	-0.2	0.1
4/4/2020 10:18 AM	-0.5	1.4	4.4	-0.2	0.1
4/4/2020 10:24 AM	-0.5	1.3	4.3	-0.2	0.1
4/4/2020 10:30 AM	-0.5	1.3	4.4	-0.2	0.1
4/4/2020 10:36 AM	-0.5	1.4	4.5	-0.2	0.1
4/4/2020 10:42 AM	-0.5	1.4	4.4	-0.2	0.1
4/4/2020 10:48 AM	-0.5	1.5	4.2	-0.3	0.1
4/4/2020 10:54 AM	-0.5	1.5	4.2	-0.3	0.1
4/4/2020 11:00 AM	-0.5	1.5	4.3	-0.3	0.1
4/4/2020 11:06 AM	-0.5	1.5	4.5	-0.3	0.1
4/4/2020 11:12 AM	-0.5	1.5	4.6	-0.3	0.1
4/4/2020 11:18 AM	-0.5	1.5	4.7	-0.3	0.1
4/4/2020 11:24 AM	-0.5	1.5	4.8	-0.3	0.1
4/4/2020 11:30 AM	-0.5	1.5	4.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/4/2020 11:36 AM	-0.4	1.3	4.9	-0.3	0.1
4/4/2020 11:42 AM	-0.4	1.1	5	-0.3	0.1
4/4/2020 11:48 AM	-0.4	1	5.3	-0.3	0.1
4/4/2020 11:54 AM	-0.4	0.9	5.5	-0.3	0.1
4/4/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/4/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/4/2020 12:12 PM	-0.6	0.7	5.7	-0.3	0
4/4/2020 12:18 PM	-0.6	0.5	5.8	-0.3	1.1
4/4/2020 12:24 PM	-0.5	0.4	6	-0.3	11
4/4/2020 12:30 PM	-0.5	0.3	5.9	-0.3	11.3
4/4/2020 12:36 PM	-0.5	0.2	5.4	-0.4	6.3
4/4/2020 12:42 PM	-0.5	0.3	4.7	-0.4	5.2
4/4/2020 12:48 PM	-0.5	0.4	4.1	-0.4	5.3
4/4/2020 12:54 PM	-0.5	0.5	3.6	-0.4	5.4
4/4/2020 1:00 PM	-0.5	0.6	3.3	-0.4	5
4/4/2020 1:06 PM	-0.5	0.7	3.1	-0.4	4.2
4/4/2020 1:12 PM	-0.5	0.7	3	-0.4	3.5
4/4/2020 1:18 PM	-0.5	0.6	2.9	-0.4	3.2
4/4/2020 1:24 PM	-0.5	0.5	2.8	-0.4	2.9
4/4/2020 1:30 PM	-0.5	0.2	3.2	-0.4	2.8
4/4/2020 1:36 PM	-0.5	0	3.6	-0.4	2.7
4/4/2020 1:42 PM	-0.5	-0.1	3.7	-0.4	2.6
4/4/2020 1:48 PM	-0.5	-0.1	3.9	-0.4	2.6
4/4/2020 1:54 PM	-0.5	-0.2	4.1	-0.4	2.5
4/4/2020 2:00 PM	-0.5	-0.2	4.1	-0.4	2.5
4/4/2020 2:06 PM	-0.5	-0.2	4	-0.4	2.5
4/4/2020 2:12 PM	-0.5	-0.1	3.9	-0.4	2.4
4/4/2020 2:18 PM	-0.5	0	3.8	-0.4	2.4
4/4/2020 2:24 PM	-0.5	0.1	3.7	-0.4	2.3
4/4/2020 2:30 PM	-0.5	0.3	3.6	-0.4	2.4
4/4/2020 2:36 PM	-0.5	0.4	3.6	-0.4	2.4
4/4/2020 2:42 PM	-0.5	0.5	3.5	-0.4	2.4
4/4/2020 2:48 PM	-0.5	0.6	3.5	-0.4	2.4
4/4/2020 2:54 PM	-0.5	0.6	3.5	-0.4	2.5
4/4/2020 3:00 PM	-0.5	0.6	3.5	-0.4	2.3
4/4/2020 3:06 PM	-0.5	0.6	3.5	-0.4	2.1
4/4/2020 3:12 PM	-0.5	0.5	3.7	-0.4	2.1
4/4/2020 3:18 PM	-0.5	0.4	3.8	-0.4	2.2
4/4/2020 3:24 PM	-0.5	0.6	3.6	-0.4	2.1
4/4/2020 3:30 PM	-0.5	0.7	3.4	-0.4	2.2
4/4/2020 3:36 PM	-0.5	1	3.4	-0.4	2.2
4/4/2020 3:42 PM	-0.5	1.2	3.3	-0.4	2.2
4/4/2020 3:48 PM	-0.5	1.5	3.2	-0.4	2.2
4/4/2020 3:54 PM	-0.5	1.8	3.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/4/2020 4:00 PM	-0.5	2	3.1	-0.4	2.2
4/4/2020 4:06 PM	-0.5	2.1	3	-0.4	2.2
4/4/2020 4:12 PM	-0.5	2.2	2.9	-0.4	2.2
4/4/2020 4:18 PM	-0.5	2.4	2.9	-0.4	2.1
4/4/2020 4:24 PM	-0.5	2.5	2.9	-0.4	2.2
4/4/2020 4:30 PM	-0.5	2.5	2.9	-0.4	2.2
4/4/2020 4:36 PM	-0.6	2.6	2.9	-0.4	2.2
4/4/2020 4:42 PM	-0.6	2.6	2.9	-0.3	2.2
4/4/2020 4:48 PM	-0.6	2.6	2.9	-0.3	2.1
4/4/2020 4:54 PM	-0.6	2.6	2.9	-0.3	2.2
4/4/2020 5:00 PM	-0.6	2.6	2.8	-0.3	2.2
4/4/2020 5:06 PM	-0.6	2.6	2.8	-0.3	2.2
4/4/2020 5:12 PM	-0.6	2.6	2.8	-0.3	2.2
4/4/2020 5:18 PM	-0.6	2.6	2.8	-0.3	2.2
4/4/2020 5:24 PM	-0.7	2.5	2.8	-0.3	2.2
4/4/2020 5:30 PM	-0.7	2.5	2.9	-0.3	2.2
4/4/2020 5:36 PM	-0.7	2.4	3	-0.3	2.2
4/4/2020 5:42 PM	-0.7	2.4	3.1	-0.3	2.1
4/4/2020 5:48 PM	-0.7	2.3	3.2	-0.3	2.1
4/4/2020 5:54 PM	-0.7	2.3	3.2	-0.3	2.1
4/4/2020 6:00 PM	-0.7	2.2	3.3	-0.3	2.1
4/4/2020 6:06 PM	-0.7	2.2	3.3	-0.3	2.1
4/4/2020 6:12 PM	-0.7	2.1	3.3	-0.3	2.2
4/4/2020 6:18 PM	-0.8	2.1	3.3	-0.3	2.1
4/4/2020 6:24 PM	-0.8	2.1	3.3	-0.3	2.1
4/4/2020 6:30 PM	-0.8	2	3.4	-0.3	2.1
4/4/2020 6:36 PM	-0.8	2	3.3	-0.3	2.1
4/4/2020 6:42 PM	-0.8	2	3.3	-0.3	2.1
4/4/2020 6:48 PM	-0.8	2	3.3	-0.3	2.2
4/4/2020 6:54 PM	-0.8	2	3.3	-0.3	2.2
4/4/2020 7:00 PM	-0.8	2	3.3	-0.3	2.2
4/4/2020 7:06 PM	-0.8	2	3.3	-0.3	2.2
4/4/2020 7:12 PM	-0.8	2	3.2	-0.3	2.1
4/4/2020 7:18 PM	-0.8	2	3.2	-0.3	2.2
4/4/2020 7:24 PM	-0.8	1.9	3.1	-0.3	2.2
4/4/2020 7:30 PM	-0.8	1.9	3.1	-0.3	2.2
4/4/2020 7:36 PM	-0.9	1.9	3.1	-0.3	2.2
4/4/2020 7:42 PM	-0.9	1.9	3.1	-0.3	2.3
4/4/2020 7:48 PM	-0.9	1.9	3.2	-0.3	2.3
4/4/2020 7:54 PM	-0.9	1.9	3.2	-0.3	2.3
4/4/2020 8:00 PM	-0.9	1.9	3.2	-0.3	2.3
4/4/2020 8:06 PM	-0.9	1.9	3.3	-0.3	2.3
4/4/2020 8:12 PM	-0.9	1.9	3.3	-0.3	2.3
4/4/2020 8:18 PM	-0.9	1.9	3.2	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/4/2020 8:24 PM	-0.9	1.9	3.2	-0.3	2.2
4/4/2020 8:30 PM	-0.9	1.9	3.3	-0.3	2.3
4/4/2020 8:36 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 8:42 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 8:48 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 8:54 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 9:00 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 9:06 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 9:12 PM	-0.9	1.8	3.3	-0.3	2.2
4/4/2020 9:18 PM	-0.9	1.9	3.3	-0.3	2.3
4/4/2020 9:24 PM	-0.9	1.9	3.3	-0.3	2.2
4/4/2020 9:30 PM	-0.9	1.9	3.4	-0.3	2.2
4/4/2020 9:36 PM	-0.9	1.8	3.4	-0.3	2.3
4/4/2020 9:42 PM	-0.9	1.8	3.3	-0.3	2.2
4/4/2020 9:48 PM	-0.9	1.8	3.2	-0.3	2.2
4/4/2020 9:54 PM	-0.9	1.8	3.2	-0.3	2.2
4/4/2020 10:00 PM	-0.9	1.9	3.2	-0.3	2.2
4/4/2020 10:06 PM	-0.9	1.9	3.1	-0.3	2.2
4/4/2020 10:12 PM	-0.9	1.9	3.1	-0.3	2.2
4/4/2020 10:18 PM	-0.9	1.9	3.2	-0.3	2.2
4/4/2020 10:24 PM	-0.9	2	3.2	-0.3	2.2
4/4/2020 10:30 PM	-0.9	2	3.3	-0.3	2.2
4/4/2020 10:36 PM	-0.9	2	3.7	-0.3	1.3
4/4/2020 10:42 PM	-0.9	2	3.8	-0.3	0.1
4/4/2020 10:48 PM	-0.9	2	3.7	-0.3	0.1
4/4/2020 10:54 PM	-0.9	2	3.7	-0.3	0
4/4/2020 11:00 PM	-0.9	1.9	3.7	-0.3	0
4/4/2020 11:06 PM	-0.9	1.9	3.7	-0.3	0.1
4/4/2020 11:12 PM	-0.9	1.9	3.7	-0.3	0
4/4/2020 11:18 PM	-0.9	1.8	3.7	-0.3	0
4/4/2020 11:24 PM	-0.8	1.8	3.7	-0.3	0
4/4/2020 11:30 PM	-0.8	1.7	3.7	-0.3	0
4/4/2020 11:36 PM	-0.8	1.7	3.6	-0.3	0
4/4/2020 11:42 PM	-0.8	1.6	3.5	-0.3	0
4/4/2020 11:48 PM	-0.8	1.6	3.5	-0.3	0
4/4/2020 11:54 PM	-0.9	1.5	3.5	-0.3	0
4/5/2020 12:00 AM	-0.9	1.5	3.5	-0.3	0
4/5/2020 12:06 AM	-0.9	1.4	3.5	-0.3	0
4/5/2020 12:12 AM	-0.9	1.4	3.5	-0.3	0
4/5/2020 12:18 AM	-0.9	1.4	3.4	-0.3	0
4/5/2020 12:24 AM	-0.9	1.4	3.5	-0.3	0
4/5/2020 12:30 AM	-0.9	1.5	3.6	-0.3	0
4/5/2020 12:36 AM	-0.9	1.4	3.7	-0.3	0
4/5/2020 12:42 AM	-0.9	1.4	3.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 12:48 AM	-0.9	1.4	3.8	-0.3	0
4/5/2020 12:54 AM	-0.9	1.4	3.8	-0.3	0
4/5/2020 1:00 AM	-0.9	1.4	3.8	-0.3	0
4/5/2020 1:06 AM	-0.9	1.4	3.8	-0.3	0
4/5/2020 1:12 AM	-0.9	1.4	3.9	-0.3	0
4/5/2020 1:18 AM	-0.9	1.4	4	-0.3	0
4/5/2020 1:24 AM	-0.9	1.3	4	-0.3	0
4/5/2020 1:30 AM	-0.8	1.3	4.2	-0.3	0
4/5/2020 1:36 AM	-0.8	1.2	4.2	-0.3	0
4/5/2020 1:42 AM	-0.8	1.2	4.2	-0.3	0
4/5/2020 1:48 AM	-0.8	1.1	4.2	-0.3	0
4/5/2020 1:54 AM	-0.8	1.1	4.1	-0.3	0
4/5/2020 2:00 AM	-0.8	1.1	4	-0.3	0
4/5/2020 2:06 AM	-0.8	1	4	-0.3	0
4/5/2020 2:12 AM	-0.8	1	4	-0.3	0
4/5/2020 2:18 AM	-0.8	1	4	-0.3	0
4/5/2020 2:24 AM	-0.8	0.9	4	-0.3	0
4/5/2020 2:30 AM	-0.8	0.9	4	-0.3	0
4/5/2020 2:36 AM	-0.8	0.9	4	-0.3	0
4/5/2020 2:42 AM	-0.8	0.8	4.1	-0.3	0
4/5/2020 2:48 AM	-0.8	0.8	4.1	-0.3	0
4/5/2020 2:54 AM	-0.8	0.8	4.1	-0.3	0
4/5/2020 3:00 AM	-0.9	0.8	4.1	-0.3	0
4/5/2020 3:06 AM	-0.9	0.8	4.1	-0.3	0
4/5/2020 3:12 AM	-0.9	0.8	4.1	-0.3	0
4/5/2020 3:18 AM	-0.9	0.7	4	-0.3	0
4/5/2020 3:24 AM	-0.9	0.7	4	-0.3	0
4/5/2020 3:30 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 3:36 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 3:42 AM	-0.9	0.7	4.2	-0.3	0
4/5/2020 3:48 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 3:54 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 4:00 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 4:06 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 4:12 AM	-0.9	0.7	4.1	-0.3	0
4/5/2020 4:18 AM	-0.9	0.7	4	-0.3	0
4/5/2020 4:24 AM	-0.9	0.7	3.9	-0.3	0
4/5/2020 4:30 AM	-0.9	0.7	4	-0.3	0
4/5/2020 4:36 AM	-0.9	0.7	4	-0.3	0
4/5/2020 4:42 AM	-0.9	0.8	3.9	-0.3	0
4/5/2020 4:48 AM	-0.9	0.8	3.9	-0.3	0
4/5/2020 4:54 AM	-0.9	0.9	3.9	-0.3	0
4/5/2020 5:00 AM	-0.9	0.9	3.9	-0.3	0
4/5/2020 5:06 AM	-0.9	0.9	4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 5:12 AM	-0.8	0.9	3.9	-0.3	0
4/5/2020 5:18 AM	-0.8	0.9	3.9	-0.3	0
4/5/2020 5:24 AM	-0.8	0.9	3.9	-0.3	0
4/5/2020 5:30 AM	-0.8	0.9	4.2	-0.3	0
4/5/2020 5:36 AM	-0.8	0.9	4.4	-0.3	0
4/5/2020 5:42 AM	-0.8	0.9	4.5	-0.3	0
4/5/2020 5:48 AM	-0.8	1	4.6	-0.3	0
4/5/2020 5:54 AM	-0.8	1	4.6	-0.3	0.1
4/5/2020 6:00 AM	-0.8	1.2	4.4	-0.3	0
4/5/2020 6:06 AM	-0.8	1.3	4.3	-0.3	0
4/5/2020 6:12 AM	-0.8	1.2	4.4	-0.3	0
4/5/2020 6:18 AM	-0.8	1.2	4.7	-0.3	0
4/5/2020 6:24 AM	-0.8	1.2	4.7	-0.3	0
4/5/2020 6:30 AM	-0.8	1.2	4.3	-0.3	0
4/5/2020 6:36 AM	-0.8	1.2	4.2	-0.3	0
4/5/2020 6:42 AM	-0.8	1.3	4.1	-0.3	0.1
4/5/2020 6:48 AM	-0.8	1.4	4	-0.3	0
4/5/2020 6:54 AM	-0.8	1.5	3.9	-0.3	0
4/5/2020 7:00 AM	-0.8	1.5	3.8	-0.3	0
4/5/2020 7:06 AM	-0.8	1.6	3.8	-0.3	0
4/5/2020 7:12 AM	-0.8	1.6	3.8	-0.3	0
4/5/2020 7:18 AM	-0.8	1.7	3.8	-0.3	0
4/5/2020 7:24 AM	-0.8	1.7	4	-0.3	0
4/5/2020 7:30 AM	-0.8	1.8	3.9	-0.3	0
4/5/2020 7:36 AM	-0.8	1.9	3.8	-0.3	0
4/5/2020 7:42 AM	-0.8	2	3.9	-0.3	0
4/5/2020 7:48 AM	-0.8	2	4.1	-0.3	0
4/5/2020 7:54 AM	-0.8	1.9	4.2	-0.3	0
4/5/2020 8:00 AM	-0.8	1.9	4.3	-0.3	0
4/5/2020 8:06 AM	-0.8	2.1	4.5	-0.3	0
4/5/2020 8:12 AM	-0.8	2.2	4.6	-0.3	0
4/5/2020 8:18 AM	-0.8	2.1	4.5	-0.4	0
4/5/2020 8:24 AM	-0.8	2	4.6	-0.4	0
4/5/2020 8:30 AM	-0.7	2	4.7	-0.4	0
4/5/2020 8:36 AM	-0.7	1.9	4.7	-0.4	0
4/5/2020 8:42 AM	-0.7	1.8	4.7	-0.3	0
4/5/2020 8:48 AM	-0.7	1.7	4.7	-0.3	0
4/5/2020 8:54 AM	-0.7	1.6	4.9	-0.3	0
4/5/2020 9:00 AM	-0.7	1.4	4.9	-0.3	0
4/5/2020 9:06 AM	-0.7	1.3	4.8	-0.3	0
4/5/2020 9:12 AM	-0.7	1.3	4.9	-0.3	0
4/5/2020 9:18 AM	-0.7	1.2	5	-0.3	0
4/5/2020 9:24 AM	-0.7	1.1	5	-0.3	0
4/5/2020 9:30 AM	-0.7	1.1	5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 9:36 AM	-0.7	1	5.1	-0.3	0
4/5/2020 9:42 AM	-0.7	1	5.6	-0.3	0
4/5/2020 9:48 AM	-0.7	1	5.8	-0.3	0
4/5/2020 9:54 AM	-0.7	0.9	5.8	-0.3	0
4/5/2020 10:00 AM	-0.7	0.9	5.8	-0.3	0
4/5/2020 10:06 AM	-0.7	0.9	5.8	-0.3	0
4/5/2020 10:12 AM	-0.7	0.9	5.9	-0.3	0
4/5/2020 10:18 AM	-0.7	0.9	5.8	-0.3	0
4/5/2020 10:24 AM	-0.7	0.9	5.8	-0.3	0
4/5/2020 10:30 AM	-0.7	0.9	5.7	-0.3	0
4/5/2020 10:36 AM	-0.7	0.9	5.4	-0.3	0
4/5/2020 10:42 AM	-0.7	0.9	5.3	-0.3	0
4/5/2020 10:48 AM	-0.7	1	5.4	-0.3	0
4/5/2020 10:54 AM	-0.7	1	5.4	-0.4	0
4/5/2020 11:00 AM	-0.7	1	5.3	-0.4	0
4/5/2020 11:06 AM	-0.6	1	5.2	-0.4	0
4/5/2020 11:12 AM	-0.6	1.1	5	-0.4	0
4/5/2020 11:18 AM	-0.6	1.1	4.9	-0.4	0
4/5/2020 11:24 AM	-0.6	1.1	4.7	-0.4	0
4/5/2020 11:30 AM	-0.6	1.2	4.5	-0.4	0
4/5/2020 11:36 AM	-0.6	1.2	4.4	-0.4	0
4/5/2020 11:42 AM	-0.6	1.3	4.4	-0.4	0
4/5/2020 11:48 AM	-0.6	1.3	4.4	-0.4	0
4/5/2020 11:54 AM	-0.6	1.3	4.5	-0.4	0
4/5/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/5/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/5/2020 12:12 PM	-0.6	0.9	5.3	-0.4	0
4/5/2020 12:18 PM	-0.6	0.7	5.5	-0.4	0
4/5/2020 12:24 PM	-0.6	0.5	5.6	-0.4	0
4/5/2020 12:30 PM	-0.6	0.5	5.6	-0.4	0
4/5/2020 12:36 PM	-0.6	0.4	5.6	-0.4	0
4/5/2020 12:42 PM	-0.5	0.4	5.6	-0.4	0
4/5/2020 12:48 PM	-0.5	0.4	5.6	-0.4	0
4/5/2020 12:54 PM	-0.5	0.4	5.7	-0.4	0
4/5/2020 1:00 PM	-0.5	0.5	5.7	-0.4	0.1
4/5/2020 1:06 PM	-0.5	0.5	5.7	-0.4	0.1
4/5/2020 1:12 PM	-0.5	0.5	5.6	-0.4	0
4/5/2020 1:18 PM	-0.5	0.5	5.6	-0.4	0
4/5/2020 1:24 PM	-0.5	0.4	5.7	-0.4	0
4/5/2020 1:30 PM	-0.5	0.3	5.7	-0.4	0
4/5/2020 1:36 PM	-0.5	0.3	5.5	-0.4	0
4/5/2020 1:42 PM	-0.5	0.3	5.5	-0.4	0
4/5/2020 1:48 PM	-0.5	0.1	5.5	-0.4	0
4/5/2020 1:54 PM	-0.5	0	5.6	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 2:00 PM	-0.5	0	5.6	-0.4	0
4/5/2020 2:06 PM	-0.5	0.1	5.4	-0.4	0
4/5/2020 2:12 PM	-0.5	0.2	5.1	-0.4	0
4/5/2020 2:18 PM	-0.5	0.4	5	-0.4	3.6
4/5/2020 2:24 PM	-0.5	0.5	4.6	-0.4	9.5
4/5/2020 2:30 PM	-0.5	0.6	3.8	-0.4	7.9
4/5/2020 2:36 PM	-0.5	0.7	3.4	-0.4	6.1
4/5/2020 2:42 PM	-0.5	0.8	3.4	-0.4	6
4/5/2020 2:48 PM	-0.5	0.9	3.5	-0.4	6
4/5/2020 2:54 PM	-0.5	1	3.6	-0.4	6
4/5/2020 3:00 PM	-0.5	1	3.6	-0.4	6
4/5/2020 3:06 PM	-0.5	1	3.5	-0.4	5.6
4/5/2020 3:12 PM	-0.5	1.1	3.4	-0.4	4.7
4/5/2020 3:18 PM	-0.5	1.1	3.4	-0.4	3.9
4/5/2020 3:24 PM	-0.5	1.2	3.5	-0.4	3.4
4/5/2020 3:30 PM	-0.5	1.2	3.6	-0.4	3.1
4/5/2020 3:36 PM	-0.5	1.2	3.6	-0.4	3
4/5/2020 3:42 PM	-0.5	1.2	3.7	-0.4	2.9
4/5/2020 3:48 PM	-0.6	1.2	3.7	-0.4	2.8
4/5/2020 3:54 PM	-0.6	1.2	3.7	-0.4	2.8
4/5/2020 4:00 PM	-0.6	1.3	3.6	-0.4	2.7
4/5/2020 4:06 PM	-0.6	1.3	3.6	-0.4	2.7
4/5/2020 4:12 PM	-0.6	1.3	3.6	-0.4	2.7
4/5/2020 4:18 PM	-0.6	1.2	3.6	-0.4	2.6
4/5/2020 4:24 PM	-0.6	1.2	3.6	-0.3	2.6
4/5/2020 4:30 PM	-0.6	1.2	3.7	-0.3	2.6
4/5/2020 4:36 PM	-0.6	1.1	3.7	-0.3	2.6
4/5/2020 4:42 PM	-0.6	1.2	3.7	-0.3	2.6
4/5/2020 4:48 PM	-0.7	1.2	3.7	-0.3	2.4
4/5/2020 4:54 PM	-0.7	1.2	3.4	-0.3	2.2
4/5/2020 5:00 PM	-0.7	1.2	2.9	-0.3	2.2
4/5/2020 5:06 PM	-0.7	1.1	2.6	-0.3	2.2
4/5/2020 5:12 PM	-0.7	1.1	2.6	-0.3	2.3
4/5/2020 5:18 PM	-0.7	1.1	2.6	-0.3	2.3
4/5/2020 5:24 PM	-0.7	1.1	2.6	-0.3	2.4
4/5/2020 5:30 PM	-0.7	1.1	2.6	-0.3	2.4
4/5/2020 5:36 PM	-0.7	1	2.6	-0.3	2.4
4/5/2020 5:42 PM	-0.7	0.9	2.5	-0.3	2.4
4/5/2020 5:48 PM	-0.7	0.8	2.6	-0.3	2.4
4/5/2020 5:54 PM	-0.7	0.8	2.6	-0.3	2.4
4/5/2020 6:00 PM	-0.7	0.7	2.6	-0.3	2.4
4/5/2020 6:06 PM	-0.7	0.7	2.7	-0.3	2.4
4/5/2020 6:12 PM	-0.7	0.7	2.7	-0.3	2.4
4/5/2020 6:18 PM	-0.7	0.7	2.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 6:24 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 6:30 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 6:36 PM	-0.7	0.7	2.8	-0.3	2.4
4/5/2020 6:42 PM	-0.7	0.7	2.8	-0.3	2.3
4/5/2020 6:48 PM	-0.7	0.7	2.9	-0.3	2.3
4/5/2020 6:54 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 7:00 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 7:06 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 7:12 PM	-0.7	0.7	2.9	-0.3	2.4
4/5/2020 7:18 PM	-0.7	0.8	2.8	-0.3	2.4
4/5/2020 7:24 PM	-0.7	0.8	2.8	-0.3	2.4
4/5/2020 7:30 PM	-0.7	0.8	2.8	-0.3	2.4
4/5/2020 7:36 PM	-0.7	0.8	2.8	-0.3	2.4
4/5/2020 7:42 PM	-0.7	0.9	2.8	-0.3	2.4
4/5/2020 7:48 PM	-0.7	0.9	2.8	-0.3	2.5
4/5/2020 7:54 PM	-0.7	0.9	2.8	-0.3	2.5
4/5/2020 8:00 PM	-0.7	1	2.8	-0.3	2.5
4/5/2020 8:06 PM	-0.7	1	2.7	-0.3	2.5
4/5/2020 8:12 PM	-0.7	1	2.7	-0.3	2.4
4/5/2020 8:18 PM	-0.7	1	2.7	-0.3	2.4
4/5/2020 8:24 PM	-0.7	1	2.7	-0.3	2.5
4/5/2020 8:30 PM	-0.7	1	2.8	-0.3	2.4
4/5/2020 8:36 PM	-0.7	1	2.8	-0.3	2.4
4/5/2020 8:42 PM	-0.7	1	2.8	-0.3	2.4
4/5/2020 8:48 PM	-0.7	0.9	2.9	-0.3	2.4
4/5/2020 8:54 PM	-0.7	0.9	2.9	-0.3	2.4
4/5/2020 9:00 PM	-0.7	0.9	3	-0.3	2.4
4/5/2020 9:06 PM	-0.7	0.9	3	-0.3	2.4
4/5/2020 9:12 PM	-0.7	0.9	3	-0.3	2.4
4/5/2020 9:18 PM	-0.7	0.9	3	-0.3	2.5
4/5/2020 9:24 PM	-0.7	0.8	3	-0.3	2.5
4/5/2020 9:30 PM	-0.7	0.8	3	-0.3	2.5
4/5/2020 9:36 PM	-0.7	0.8	3.1	-0.3	2.5
4/5/2020 9:42 PM	-0.7	0.8	3.1	-0.3	2.5
4/5/2020 9:48 PM	-0.7	0.8	3.1	-0.3	2.5
4/5/2020 9:54 PM	-0.7	0.8	3	-0.3	2.5
4/5/2020 10:00 PM	-0.7	0.8	3	-0.3	2.5
4/5/2020 10:06 PM	-0.7	0.8	3	-0.3	2.4
4/5/2020 10:12 PM	-0.7	0.7	3.1	-0.3	2.4
4/5/2020 10:18 PM	-0.7	0.7	3.1	-0.3	2.4
4/5/2020 10:24 PM	-0.7	0.7	3.1	-0.3	2.4
4/5/2020 10:30 PM	-0.7	0.7	3.2	-0.3	2.4
4/5/2020 10:36 PM	-0.7	0.7	3.1	-0.3	2.3
4/5/2020 10:42 PM	-0.7	0.8	3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/5/2020 10:48 PM	-0.7	0.8	3	-0.3	2.4
4/5/2020 10:54 PM	-0.7	0.8	3.1	-0.3	2.4
4/5/2020 11:00 PM	-0.7	0.9	3.1	-0.3	2.4
4/5/2020 11:06 PM	-0.8	0.9	3.3	-0.3	2.3
4/5/2020 11:12 PM	-0.8	0.9	3.9	-0.3	1.1
4/5/2020 11:18 PM	-0.8	0.9	4.2	-0.3	0.1
4/5/2020 11:24 PM	-0.8	0.9	4.1	-0.3	0.1
4/5/2020 11:30 PM	-0.8	0.9	4.2	-0.3	0.1
4/5/2020 11:36 PM	-0.8	0.9	4.2	-0.3	0
4/5/2020 11:42 PM	-0.8	0.8	4.2	-0.3	0
4/5/2020 11:48 PM	-0.8	0.8	4.2	-0.3	0
4/5/2020 11:54 PM	-0.8	0.8	4.2	-0.3	0.1
4/6/2020 12:00 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 12:06 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 12:12 AM	-0.8	0.7	4.1	-0.3	0
4/6/2020 12:18 AM	-0.8	0.7	4	-0.3	0
4/6/2020 12:24 AM	-0.8	0.7	4	-0.3	0.1
4/6/2020 12:30 AM	-0.8	0.7	4.1	-0.3	0
4/6/2020 12:36 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 12:42 AM	-0.8	0.8	4.3	-0.3	0
4/6/2020 12:48 AM	-0.8	0.8	4.2	-0.3	0
4/6/2020 12:54 AM	-0.8	0.8	4.1	-0.3	0
4/6/2020 1:00 AM	-0.8	0.8	4.1	-0.3	0
4/6/2020 1:06 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 1:12 AM	-0.8	0.7	4.3	-0.3	0
4/6/2020 1:18 AM	-0.8	0.7	4.3	-0.3	0
4/6/2020 1:24 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 1:30 AM	-0.8	0.7	4.2	-0.3	0
4/6/2020 1:36 AM	-0.8	0.7	4.3	-0.3	0
4/6/2020 1:42 AM	-0.8	0.7	4.4	-0.3	0
4/6/2020 1:48 AM	-0.8	0.7	4.4	-0.3	0
4/6/2020 1:54 AM	-0.8	0.7	4.3	-0.3	0
4/6/2020 2:00 AM	-0.8	0.6	4.4	-0.3	0
4/6/2020 2:06 AM	-0.8	0.6	4.5	-0.3	0
4/6/2020 2:12 AM	-0.8	0.6	4.6	-0.3	0
4/6/2020 2:18 AM	-0.8	0.5	4.7	-0.3	0
4/6/2020 2:24 AM	-0.8	0.5	4.8	-0.2	0
4/6/2020 2:30 AM	-0.8	0.4	5	-0.2	0.1
4/6/2020 2:36 AM	-0.8	0.4	5.1	-0.2	0.1
4/6/2020 2:42 AM	-0.8	0.4	5.1	-0.2	0
4/6/2020 2:48 AM	-0.8	0.4	4.9	-0.2	0
4/6/2020 2:54 AM	-0.8	0.3	4.8	-0.2	0
4/6/2020 3:00 AM	-0.8	0.3	4.6	-0.2	0
4/6/2020 3:06 AM	-0.8	0.3	4.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/6/2020 3:12 AM	-0.8	0.4	4.3	-0.2	0
4/6/2020 3:18 AM	-0.8	0.3	4.5	-0.2	0
4/6/2020 3:24 AM	-0.8	0.3	4.5	-0.2	0
4/6/2020 3:30 AM	-0.8	0.3	4.5	-0.2	0
4/6/2020 3:36 AM	-0.8	0.3	4.3	-0.2	0
4/6/2020 3:42 AM	-0.8	0.3	4.2	-0.2	0
4/6/2020 3:48 AM	-0.8	0.4	4	-0.2	0
4/6/2020 3:54 AM	-0.8	0.3	3.9	-0.2	0
4/6/2020 4:00 AM	-0.8	0.3	4	-0.2	0
4/6/2020 4:06 AM	-0.8	0.3	4.2	-0.2	0
4/6/2020 4:12 AM	-0.8	0.2	4.6	-0.3	0
4/6/2020 4:18 AM	-0.8	0.2	5	-0.3	0
4/6/2020 4:24 AM	-0.8	0.2	5.2	-0.3	0
4/6/2020 4:30 AM	-0.8	0.2	5.1	-0.3	0
4/6/2020 4:36 AM	-0.8	0.2	5.2	-0.3	0
4/6/2020 4:42 AM	-0.8	0.2	5.3	-0.3	0
4/6/2020 4:48 AM	-0.8	0.1	5.3	-0.3	0
4/6/2020 4:54 AM	-0.8	0.1	5.3	-0.3	0
4/6/2020 5:00 AM	-0.8	0.1	5.2	-0.3	0
4/6/2020 5:06 AM	-0.8	0.1	5.2	-0.3	0
4/6/2020 5:12 AM	-0.8	0.2	5.3	-0.3	0
4/6/2020 5:18 AM	-0.8	0.2	5.2	-0.3	0
4/6/2020 5:24 AM	-0.8	0.2	5.1	-0.3	0
4/6/2020 5:30 AM	-0.8	0.3	5.1	-0.3	0
4/6/2020 5:36 AM	-0.8	0.3	5.1	-0.3	0
4/6/2020 5:42 AM	-0.8	0.3	5.2	-0.2	0
4/6/2020 5:48 AM	-0.8	0.4	5.2	-0.3	0
4/6/2020 5:54 AM	-0.8	0.4	5.2	-0.3	0
4/6/2020 6:00 AM	-0.8	0.4	5.2	-0.3	0
4/6/2020 6:06 AM	-0.8	0.4	5.3	-0.3	0
4/6/2020 6:12 AM	-0.8	0.5	5.2	-0.3	5.8
4/6/2020 6:18 AM	-0.8	0.5	4.3	-0.3	9.9
4/6/2020 6:24 AM	-0.8	0.7	3.2	-0.3	6.8
4/6/2020 6:30 AM	-0.8	0.9	2.8	-0.3	6
4/6/2020 6:36 AM	-0.8	0.8	2.8	-0.3	5.3
4/6/2020 6:42 AM	-0.8	0.7	2.8	-0.3	4.3
4/6/2020 6:48 AM	-0.8	0.6	2.7	-0.3	3.5
4/6/2020 6:54 AM	-0.8	0.5	2.6	-0.3	3
4/6/2020 7:00 AM	-0.8	0.5	2.6	-0.3	2.8
4/6/2020 7:06 AM	-0.8	0.5	2.6	-0.3	2.7
4/6/2020 7:12 AM	-0.8	0.4	2.6	-0.4	2.6
4/6/2020 7:18 AM	-0.7	0.4	2.6	-0.4	2.6
4/6/2020 7:24 AM	-0.7	0.4	2.5	-0.4	2.5
4/6/2020 7:30 AM	-0.7	0.4	2.6	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/6/2020 7:36 AM	-0.7	0.4	2.6	-0.4	2.4
4/6/2020 7:42 AM	-0.7	0.4	2.6	-0.4	2.4
4/6/2020 7:48 AM	-0.7	0.4	2.7	-0.3	2.4
4/6/2020 7:54 AM	-0.7	0.4	2.8	-0.3	2.3
4/6/2020 8:00 AM	-0.7	0.3	2.9	-0.3	2.2
4/6/2020 8:06 AM	-0.7	0.2	2.9	-0.3	2.3
4/6/2020 8:12 AM	-0.7	0.1	2.9	-0.3	2.2
4/6/2020 8:18 AM	-0.7	0	2.9	-0.3	2.2
4/6/2020 8:24 AM	-0.7	-0.1	2.9	-0.3	2.1
4/6/2020 8:30 AM	-0.7	-0.2	2.9	-0.3	2.1
4/6/2020 8:36 AM	-0.7	-0.2	2.8	-0.3	2.1
4/6/2020 8:42 AM	-0.7	-0.2	2.9	-0.3	2.1
4/6/2020 8:48 AM	-0.7	-0.2	2.8	-0.3	2.1
4/6/2020 8:54 AM	-0.7	-0.2	2.8	-0.3	2.1
4/6/2020 9:00 AM	-0.7	-0.1	2.8	-0.3	2.1
4/6/2020 9:06 AM	-0.7	-0.1	2.7	-0.3	2.1
4/6/2020 9:12 AM	-0.7	-0.1	2.7	-0.3	2.1
4/6/2020 9:18 AM	-0.7	-0.1	2.7	-0.3	2.1
4/6/2020 9:24 AM	-0.7	-0.1	2.7	-0.3	2.1
4/6/2020 9:30 AM	-0.7	-0.2	2.7	-0.3	2.1
4/6/2020 9:36 AM	-0.7	-0.3	2.7	-0.3	2.1
4/6/2020 9:42 AM	-0.7	-0.3	2.8	-0.3	2.1
4/6/2020 9:48 AM	-0.7	-0.3	2.8	-0.3	2.1
4/6/2020 9:54 AM	-0.7	-0.3	2.8	-0.3	2.1
4/6/2020 10:00 AM	-0.7	-0.2	2.8	-0.3	2.1
4/6/2020 10:06 AM	-0.7	-0.1	2.9	-0.3	2.1
4/6/2020 10:12 AM	-0.7	0	3.1	-0.3	2.1
4/6/2020 10:18 AM	-0.7	0.1	3.2	-0.3	2.2
4/6/2020 10:24 AM	-0.7	0.2	3.3	-0.3	2.2
4/6/2020 10:30 AM	-0.7	0.2	3.2	-0.3	2.2
4/6/2020 10:36 AM	-0.7	0.2	3.3	-0.3	2.2
4/6/2020 10:42 AM	-0.7	0.2	3.3	-0.3	2.1
4/6/2020 10:48 AM	-0.7	0.2	3.3	-0.3	2.1
4/6/2020 10:54 AM	-0.7	0.2	3.1	-0.3	2.1
4/6/2020 11:00 AM	-0.7	0.3	3	-0.3	2.1
4/6/2020 11:06 AM	-0.7	0.3	3	-0.3	2.1
4/6/2020 11:12 AM	-0.7	0.3	3	-0.3	2.1
4/6/2020 11:18 AM	-0.7	0.3	3	-0.3	2.1
4/6/2020 11:24 AM	-0.7	0.3	3.1	-0.3	2.1
4/6/2020 11:30 AM	-0.6	0.1	3.1	-0.3	2.1
4/6/2020 11:36 AM	-0.6	-0.1	3.2	-0.3	2.1
4/6/2020 11:42 AM	-0.6	-0.1	3.2	-0.3	2.1
4/6/2020 11:48 AM	-0.6	-0.2	3.3	-0.3	2.1
4/6/2020 11:54 AM	-0.6	-0.2	3.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/6/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/6/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/6/2020 12:12 PM	-0.5	-0.1	3.6	-0.3	2.2
4/6/2020 12:18 PM	-0.5	-0.2	3.7	-0.3	2.2
4/6/2020 12:24 PM	-0.5	-0.2	3.7	-0.3	2.2
4/6/2020 12:30 PM	-0.5	-0.2	3.6	-0.3	2.2
4/6/2020 12:36 PM	-0.5	-0.2	3.5	-0.3	2.2
4/6/2020 12:42 PM	-0.5	-0.1	3.5	-0.3	2.3
4/6/2020 12:48 PM	-0.5	0	3.4	-0.3	2.3
4/6/2020 12:54 PM	-0.5	0.1	3.3	-0.3	2.3
4/6/2020 1:00 PM	-0.5	0.2	3.2	-0.3	2.3
4/6/2020 1:06 PM	-0.5	0.3	3.1	-0.3	2.3
4/6/2020 1:12 PM	-0.5	0.4	3.2	-0.3	2.3
4/6/2020 1:18 PM	-0.5	0.4	3.2	-0.3	2.3
4/6/2020 1:24 PM	-0.5	0.3	3.3	-0.3	2.3
4/6/2020 1:30 PM	-0.5	0.1	3.4	-0.4	2.3
4/6/2020 1:36 PM	-0.5	0	3.4	-0.4	2.3
4/6/2020 1:42 PM	-0.5	-0.1	3.4	-0.4	2.2
4/6/2020 1:48 PM	-0.5	-0.1	3.4	-0.4	2.3
4/6/2020 1:54 PM	-0.5	-0.2	3.4	-0.4	2.3
4/6/2020 2:00 PM	-0.5	-0.2	3.4	-0.3	2.3
4/6/2020 2:06 PM	-0.5	-0.2	3.3	-0.3	2.3
4/6/2020 2:12 PM	-0.5	0	3.1	-0.3	2.3
4/6/2020 2:18 PM	-0.5	0.2	3	-0.3	2.2
4/6/2020 2:24 PM	-0.5	0.4	3	-0.3	2.3
4/6/2020 2:30 PM	-0.4	0.6	3	-0.3	2.2
4/6/2020 2:36 PM	-0.4	0.7	2.9	-0.3	2.2
4/6/2020 2:42 PM	-0.4	0.8	3	-0.3	2.2
4/6/2020 2:48 PM	-0.4	0.8	3	-0.3	2.2
4/6/2020 2:54 PM	-0.4	0.7	3.1	-0.3	2.3
4/6/2020 3:00 PM	-0.4	0.6	3.2	-0.3	2.3
4/6/2020 3:06 PM	-0.4	0.4	3.4	-0.3	2.3
4/6/2020 3:12 PM	-0.4	0.2	3.4	-0.3	2.3
4/6/2020 3:18 PM	-0.4	0.1	3.4	-0.3	2.3
4/6/2020 3:24 PM	-0.4	0.1	3.3	-0.3	2.4
4/6/2020 3:30 PM	-0.4	0.2	3.1	-0.3	2.3
4/6/2020 3:36 PM	-0.4	0.4	3	-0.3	2.3
4/6/2020 3:42 PM	-0.4	0.7	2.9	-0.3	2.3
4/6/2020 3:48 PM	-0.4	1	2.9	-0.3	2.3
4/6/2020 3:54 PM	-0.4	1.3	2.9	-0.3	2.3
4/6/2020 4:00 PM	-0.4	1.4	3	-0.3	2.3
4/6/2020 4:06 PM	-0.4	1.6	3	-0.3	2.3
4/6/2020 4:12 PM	-0.4	1.6	3	-0.3	2.2
4/6/2020 4:18 PM	-0.4	1.6	3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/6/2020 4:24 PM	-0.5	1.5	2.9	-0.3	2.2
4/6/2020 4:30 PM	-0.5	1.3	2.9	-0.3	2.2
4/6/2020 4:36 PM	-0.5	1.1	2.9	-0.3	2.2
4/6/2020 4:42 PM	-0.5	1	2.9	-0.3	2.2
4/6/2020 4:48 PM	-0.5	0.8	2.8	-0.3	2.2
4/6/2020 4:54 PM	-0.5	0.5	2.8	-0.3	2.2
4/6/2020 5:00 PM	-0.5	0.5	2.9	-0.3	2.2
4/6/2020 5:06 PM	-0.5	0.6	2.9	-0.3	2.2
4/6/2020 5:12 PM	-0.5	0.4	2.8	-0.3	2.2
4/6/2020 5:18 PM	-0.5	0.4	2.8	-0.3	2.2
4/6/2020 5:24 PM	-0.5	0.4	2.8	-0.3	2.2
4/6/2020 5:30 PM	-0.5	0.5	2.8	-0.3	2.2
4/6/2020 5:36 PM	-0.5	0.5	2.8	-0.3	2.2
4/6/2020 5:42 PM	-0.5	0.6	2.8	-0.3	2.3
4/6/2020 5:48 PM	-0.5	0.7	2.8	-0.3	2.3
4/6/2020 5:54 PM	-0.6	0.9	2.9	-0.3	2.2
4/6/2020 6:00 PM	-0.6	1.1	2.9	-0.3	2.3
4/6/2020 6:06 PM	-0.6	1.5	2.8	-0.3	2.3
4/6/2020 6:12 PM	-0.6	1.7	2.8	-0.3	2.3
4/6/2020 6:18 PM	-0.6	1.8	2.9	-0.3	2.3
4/6/2020 6:24 PM	-0.6	1.7	2.9	-0.3	2.3
4/6/2020 6:30 PM	-0.6	1.6	2.9	-0.3	2.2
4/6/2020 6:36 PM	-0.6	1.5	2.9	-0.3	2.2
4/6/2020 6:42 PM	-0.6	1.3	2.9	-0.3	2.2
4/6/2020 6:48 PM	-0.6	1.2	2.9	-0.3	2.2
4/6/2020 6:54 PM	-0.6	1.1	2.9	-0.3	2.1
4/6/2020 7:00 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 7:06 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 7:12 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 7:18 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 7:24 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 7:30 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 7:36 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 7:42 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 7:48 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 7:54 PM	-0.6	0.9	2.9	-0.3	2.2
4/6/2020 8:00 PM	-0.6	0.9	2.9	-0.3	2.2
4/6/2020 8:06 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:12 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:18 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:24 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:30 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:36 PM	-0.6	0.9	3.1	-0.3	2.1
4/6/2020 8:42 PM	-0.6	0.9	3.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/6/2020 8:48 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 8:54 PM	-0.6	0.9	3	-0.3	2.1
4/6/2020 9:00 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 9:06 PM	-0.6	1	2.9	-0.3	2.1
4/6/2020 9:12 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 9:18 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 9:24 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 9:30 PM	-0.6	1	2.9	-0.3	2.2
4/6/2020 9:36 PM	-0.6	1.1	2.9	-0.3	2.2
4/6/2020 9:42 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 9:48 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 9:54 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:00 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:06 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:12 PM	-0.7	1.1	2.9	-0.3	2.3
4/6/2020 10:18 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:24 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:30 PM	-0.7	1.1	2.9	-0.3	2.2
4/6/2020 10:36 PM	-0.7	1	3	-0.3	2.2
4/6/2020 10:42 PM	-0.7	1	2.9	-0.3	2.3
4/6/2020 10:48 PM	-0.7	1.1	2.9	-0.3	2.3
4/6/2020 10:54 PM	-0.7	1.1	2.9	-0.3	2.3
4/6/2020 11:00 PM	-0.7	1.1	2.9	-0.3	2.3
4/6/2020 11:06 PM	-0.7	1	2.9	-0.3	2.2
4/6/2020 11:12 PM	-0.7	1	2.9	-0.3	2.2
4/6/2020 11:18 PM	-0.7	0.9	2.9	-0.3	2.2
4/6/2020 11:24 PM	-0.7	0.9	2.9	-0.3	2.2
4/6/2020 11:30 PM	-0.7	0.9	2.9	-0.3	2.1
4/6/2020 11:36 PM	-0.7	0.9	2.9	-0.3	2.1
4/6/2020 11:42 PM	-0.7	0.9	2.9	-0.3	2.1
4/6/2020 11:48 PM	-0.7	0.9	2.9	-0.3	2.1
4/6/2020 11:54 PM	-0.7	0.9	2.9	-0.3	2.1
4/7/2020 12:00 AM	-0.7	1	2.9	-0.3	2.1
4/7/2020 12:06 AM	-0.7	1	2.8	-0.3	2
4/7/2020 12:12 AM	-0.7	1	2.8	-0.3	2
4/7/2020 12:18 AM	-0.7	1	2.8	-0.3	2
4/7/2020 12:24 AM	-0.7	1	2.8	-0.3	2
4/7/2020 12:30 AM	-0.7	1	2.8	-0.3	2
4/7/2020 12:36 AM	-0.7	1.1	3.5	-0.3	1.6
4/7/2020 12:42 AM	-0.7	1.1	3.9	-0.3	2.7
4/7/2020 12:48 AM	-0.7	1.1	3.2	-0.3	4.2
4/7/2020 12:54 AM	-0.7	1.1	1.5	-0.3	3.2
4/7/2020 1:00 AM	-0.7	1.1	0.2	-0.3	2.8
4/7/2020 1:06 AM	-0.7	1.1	0.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 1:12 AM	-0.7	1.1	0	-0.3	2.5
4/7/2020 1:18 AM	-0.7	1.1	-0.1	-0.3	2.6
4/7/2020 1:24 AM	-0.7	1.2	-0.1	-0.3	2.6
4/7/2020 1:30 AM	-0.7	1.1	-0.2	-0.3	2.7
4/7/2020 1:36 AM	-0.7	1.1	-0.2	-0.3	2.7
4/7/2020 1:42 AM	-0.7	1.1	-0.2	-0.3	2.6
4/7/2020 1:48 AM	-0.7	1.1	-0.2	-0.3	2.6
4/7/2020 1:54 AM	-0.7	1.1	-0.2	-0.3	2.6
4/7/2020 2:00 AM	-0.7	1.1	-0.3	-0.3	2.6
4/7/2020 2:06 AM	-0.7	1.1	-0.3	-0.3	2.6
4/7/2020 2:12 AM	-0.7	1.1	-0.3	-0.3	2.5
4/7/2020 2:18 AM	-0.7	1.1	-0.4	-0.3	2.5
4/7/2020 2:24 AM	-0.7	1.1	-0.4	-0.3	2.5
4/7/2020 2:30 AM	-0.7	1.1	-0.4	-0.3	2.5
4/7/2020 2:36 AM	-0.7	1.1	-0.4	-0.3	2.5
4/7/2020 2:42 AM	-0.7	1.1	-0.4	-0.3	2.4
4/7/2020 2:48 AM	-0.7	1.1	-0.4	-0.3	2.2
4/7/2020 2:54 AM	-0.7	1.1	-0.4	-0.3	2.1
4/7/2020 3:00 AM	-0.7	1.1	-0.4	-0.3	2.1
4/7/2020 3:06 AM	-0.7	1.2	-0.4	-0.3	2.2
4/7/2020 3:12 AM	-0.7	1.2	-0.4	-0.3	2.2
4/7/2020 3:18 AM	-0.7	1.2	-0.4	-0.3	2.2
4/7/2020 3:24 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 3:30 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 3:36 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 3:42 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 3:48 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 3:54 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 4:00 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 4:06 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 4:12 AM	-0.7	1.2	-0.5	-0.3	2.3
4/7/2020 4:18 AM	-0.7	1.2	-0.5	-0.3	2.2
4/7/2020 4:24 AM	-0.7	1.2	-0.6	-0.3	2.3
4/7/2020 4:30 AM	-0.8	1.2	-0.6	-0.3	2.3
4/7/2020 4:36 AM	-0.8	1.2	-0.6	-0.3	2.3
4/7/2020 4:42 AM	-0.8	1.2	-0.6	-0.3	2.3
4/7/2020 4:48 AM	-0.8	1.2	-0.6	-0.3	2.2
4/7/2020 4:54 AM	-0.8	1.2	-0.6	-0.3	2.2
4/7/2020 5:00 AM	-0.8	1.1	-0.6	-0.3	2.2
4/7/2020 5:06 AM	-0.8	1	-0.6	-0.3	2.1
4/7/2020 5:12 AM	-0.8	1	-0.6	-0.3	2.2
4/7/2020 5:18 AM	-0.8	1	-0.6	-0.3	2.2
4/7/2020 5:24 AM	-0.8	1	-0.6	-0.3	2.2
4/7/2020 5:30 AM	-0.8	0.9	-0.6	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 5:36 AM	-0.8	1	-0.6	-0.3	2.1
4/7/2020 5:42 AM	-0.8	1	-0.7	-0.3	2.2
4/7/2020 5:48 AM	-0.8	1	-0.7	-0.3	2.2
4/7/2020 5:54 AM	-0.8	1.1	-0.7	-0.3	2.2
4/7/2020 6:00 AM	-0.8	1.1	-0.7	-0.3	2.2
4/7/2020 6:06 AM	-0.8	1.2	-0.7	-0.3	2.2
4/7/2020 6:12 AM	-0.8	1.2	-0.7	-0.3	2.2
4/7/2020 6:18 AM	-0.8	1.2	-0.7	-0.3	2.2
4/7/2020 6:24 AM	-0.8	1.3	-0.7	-0.3	2.3
4/7/2020 6:30 AM	-0.8	1.3	-0.7	-0.3	2.3
4/7/2020 6:36 AM	-0.8	1.4	-0.7	-0.3	2.3
4/7/2020 6:42 AM	-0.8	1.5	-0.8	-0.3	2.3
4/7/2020 6:48 AM	-0.8	1.6	-0.8	-0.3	2.3
4/7/2020 6:54 AM	-0.8	1.5	-0.9	-0.3	2.3
4/7/2020 7:00 AM	-0.8	1.4	-0.9	-0.3	2.3
4/7/2020 7:06 AM	-0.8	1.2	-0.9	-0.3	2.3
4/7/2020 7:12 AM	-0.8	1.1	-0.9	-0.4	2.2
4/7/2020 7:18 AM	-0.8	1.1	-0.9	-0.4	2.2
4/7/2020 7:24 AM	-0.8	1.1	-0.9	-0.4	2.2
4/7/2020 7:30 AM	1.3	0.9	-0.8	-0.4	2.1
4/7/2020 7:36 AM	53.1	0.6	-0.8	-0.4	2.1
4/7/2020 7:42 AM	72.3	0.5	-0.7	-0.4	2.2
4/7/2020 7:48 AM	43.5	0.6	-0.7	-0.4	2.1
4/7/2020 7:54 AM	26.7	0.8	-0.7	-0.4	2.1
4/7/2020 8:00 AM	18.7	0.8	-0.7	-0.4	2.2
4/7/2020 8:06 AM	15.2	0.7	-0.7	-0.4	2.2
4/7/2020 8:12 AM	7.9	0.5	-0.7	-0.4	2.2
4/7/2020 8:18 AM	2.9	0.3	-0.7	-0.4	2.2
4/7/2020 8:24 AM	1.6	0.2	-0.7	-0.4	2.2
4/7/2020 8:30 AM	1	0	-0.7	-0.4	2.2
4/7/2020 8:36 AM	0.7	0	-0.7	-0.4	2.2
4/7/2020 8:42 AM	0.6	-0.1	-0.7	-0.4	2.2
4/7/2020 8:48 AM	0.5	-0.1	-0.7	-0.4	2.2
4/7/2020 8:54 AM	0.5	-0.1	-0.7	-0.4	2.2
4/7/2020 9:00 AM	0.4	0	-0.7	-0.4	2.2
4/7/2020 9:06 AM	0.4	0	-0.7	-0.4	2.2
4/7/2020 9:12 AM	0.4	0	-0.7	-0.4	2.2
4/7/2020 9:18 AM	0.4	0	-0.8	-0.4	2.2
4/7/2020 9:24 AM	0.3	-0.1	-0.7	-0.4	2.2
4/7/2020 9:30 AM	0.3	-0.1	-0.7	-0.4	2.2
4/7/2020 9:36 AM	0.2	-0.1	-0.7	-0.4	2.2
4/7/2020 9:42 AM	0.3	-0.1	-0.7	-0.4	2.2
4/7/2020 9:48 AM	0.4	-0.2	-0.7	-0.4	2.2
4/7/2020 9:54 AM	0.6	-0.2	-0.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 10:00 AM	0.7	-0.2	-0.7	-0.4	2.2
4/7/2020 10:06 AM	0.8	-0.2	-0.7	-0.4	2.2
4/7/2020 10:12 AM	0.9	-0.1	-0.7	-0.4	2.2
4/7/2020 10:18 AM	0.8	-0.1	-0.6	-0.4	2.2
4/7/2020 10:24 AM	0.8	-0.1	-0.6	-0.3	2.2
4/7/2020 10:30 AM	0.8	-0.1	-0.6	-0.3	2.2
4/7/2020 10:36 AM	0.7	-0.1	-0.6	-0.3	2.2
4/7/2020 10:42 AM	0.7	-0.2	-0.6	-0.3	2.2
4/7/2020 10:48 AM	0.6	-0.2	-0.6	-0.3	2.2
4/7/2020 10:54 AM	0.5	-0.2	-0.6	-0.3	2.2
4/7/2020 11:00 AM	0.5	-0.1	-0.6	-0.4	2.2
4/7/2020 11:06 AM	0.4	-0.1	-0.6	-0.4	2.2
4/7/2020 11:12 AM	0.3	0	-0.6	-0.4	2.2
4/7/2020 11:18 AM	0.3	-0.1	-0.6	-0.4	2.2
4/7/2020 11:24 AM	0.2	-0.1	-0.6	-0.4	2.2
4/7/2020 11:30 AM	0.2	-0.2	-0.6	-0.4	2.2
4/7/2020 11:36 AM	0.2	-0.2	-0.7	-0.4	2.2
4/7/2020 11:42 AM	Maintain	<Samp	<Samp	<Samp	Maintain
4/7/2020 11:48 AM	Maintain	Maintain	Maintain	Maintain	Maintain
4/7/2020 11:54 AM	<Samp	<Samp	<Samp	<Samp	<Samp
4/7/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/7/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/7/2020 12:12 PM	0.2	-0.1	-0.6	-0.3	2.4
4/7/2020 12:18 PM	0.2	-0.1	-0.6	-0.3	2.4
4/7/2020 12:24 PM	0.2	-0.2	-0.6	-0.3	2.4
4/7/2020 12:30 PM	0.2	-0.2	-0.7	-0.3	2.5
4/7/2020 12:36 PM	0.2	-0.1	-0.7	-0.3	2.5
4/7/2020 12:42 PM	0.2	-0.1	6.4	-0.3	2.5
4/7/2020 12:48 PM	0.2	0	10.5	-0.3	2.3
4/7/2020 12:54 PM	0.2	0.2	3.1	-0.3	2.2
4/7/2020 1:00 PM	0.2	0.3	0.2	-0.3	2.2
4/7/2020 1:06 PM	0.2	0.5	-0.4	-0.3	2.2
4/7/2020 1:12 PM	0.2	0.5	-0.6	-0.3	2.2
4/7/2020 1:18 PM	0.2	0.5	-0.7	-0.3	2.2
4/7/2020 1:24 PM	0.2	0.4	-0.7	-0.3	2.2
4/7/2020 1:30 PM	0.1	0.3	-0.7	-0.3	2.2
4/7/2020 1:36 PM	0.1	0.2	-0.6	-0.3	2.2
4/7/2020 1:42 PM	0.2	0.1	-0.7	-0.3	2.2
4/7/2020 1:48 PM	0.1	0.2	-0.7	-0.3	2.2
4/7/2020 1:54 PM	0.1	0.2	-0.7	-0.3	2.2
4/7/2020 2:00 PM	0.2	0.2	-0.8	-0.3	2.2
4/7/2020 2:06 PM	0.1	0.3	-0.8	-0.3	2.2
4/7/2020 2:12 PM	0.2	0.5	-0.8	-0.3	2.1
4/7/2020 2:18 PM	0.2	0.7	-0.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 2:24 PM	0.2	0.8	-0.9	-0.3	2.2
4/7/2020 2:30 PM	0.2	0.9	-0.8	-0.3	2.2
4/7/2020 2:36 PM	0.2	1	-0.9	-0.3	2.2
4/7/2020 2:42 PM	0.2	0.9	-0.8	-0.3	2.2
4/7/2020 2:48 PM	0.2	0.9	-0.8	-0.3	2.2
4/7/2020 2:54 PM	0.2	0.8	-0.8	-0.3	2.2
4/7/2020 3:00 PM	0.2	0.7	-0.8	-0.3	2.2
4/7/2020 3:06 PM	0.2	0.6	-0.8	-0.3	2.2
4/7/2020 3:12 PM	0.2	0.6	-0.8	-0.3	2.2
4/7/2020 3:18 PM	0.2	0.6	-0.8	-0.3	2.2
4/7/2020 3:24 PM	0.2	0.6	-0.8	-0.3	2.3
4/7/2020 3:30 PM	0.2	0.7	-0.9	-0.3	2.3
4/7/2020 3:36 PM	0.1	0.8	-0.9	-0.3	2.2
4/7/2020 3:42 PM	0.1	0.9	-0.9	-0.3	2.2
4/7/2020 3:48 PM	0.1	1	-0.9	-0.3	2.2
4/7/2020 3:54 PM	0.1	1.1	-0.9	-0.3	2.3
4/7/2020 4:00 PM	0.1	1.2	-0.9	-0.3	2.3
4/7/2020 4:06 PM	0.1	1.3	-0.9	-0.3	2.2
4/7/2020 4:12 PM	0.1	1.3	-0.9	-0.3	2.2
4/7/2020 4:18 PM	0.1	1.3	-0.9	-0.3	2.2
4/7/2020 4:24 PM	0.1	1.3	-0.9	-0.3	2.2
4/7/2020 4:30 PM	0.1	1.2	-0.9	-0.3	2.2
4/7/2020 4:36 PM	0.1	1.1	-0.9	-0.3	2.2
4/7/2020 4:42 PM	0.1	1	-0.9	-0.3	2.2
4/7/2020 4:48 PM	0.1	0.9	-0.9	-0.3	2.2
4/7/2020 4:54 PM	0.1	0.7	-0.9	-0.3	2.2
4/7/2020 5:00 PM	0.1	0.6	-0.9	-0.3	2.1
4/7/2020 5:06 PM	0	0.5	-0.9	-0.3	2.1
4/7/2020 5:12 PM	0	0.5	7.5	-0.3	2.1
4/7/2020 5:18 PM	0	0.5	8.2	9.6	2.1
4/7/2020 5:24 PM	0	0.4	-0.1	14	2.2
4/7/2020 5:30 PM	0	0.3	-0.6	3.4	2.2
4/7/2020 5:36 PM	0	0.3	-0.9	1	2.1
4/7/2020 5:42 PM	0	0.3	-0.9	0.4	2.1
4/7/2020 5:48 PM	0	0.4	-0.9	9.1	2.2
4/7/2020 5:54 PM	0	0.6	-0.9	15.1	1.5
4/7/2020 6:00 PM	0	0.9	-0.9	9.8	0.3
4/7/2020 6:06 PM	0	1.1	-0.9	7.9	0
4/7/2020 6:12 PM	0	1.2	-0.9	8.4	0
4/7/2020 6:18 PM	0	1.4	-0.8	7	0
4/7/2020 6:24 PM	0	1.5	-0.8	5	-0.1
4/7/2020 6:30 PM	0	1.5	-0.8	4.3	0
4/7/2020 6:36 PM	0	1.6	-0.8	3.9	0
4/7/2020 6:42 PM	0	1.6	-0.8	3.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 6:48 PM	0	1.5	-0.8	3.8	0
4/7/2020 6:54 PM	0	1.5	-0.8	3.8	0
4/7/2020 7:00 PM	0	1.4	-0.8	4	0
4/7/2020 7:06 PM	0	1.4	-0.8	4.1	0
4/7/2020 7:12 PM	0	1.3	-0.8	4.1	0
4/7/2020 7:18 PM	0	1.4	-0.8	4.2	0
4/7/2020 7:24 PM	0	1.4	-0.9	4.1	0
4/7/2020 7:30 PM	0	1.4	-0.9	4.2	0
4/7/2020 7:36 PM	0	1.3	-0.9	4.1	0
4/7/2020 7:42 PM	0	1.4	-0.9	3.8	0
4/7/2020 7:48 PM	0	1.4	-0.9	3.4	0
4/7/2020 7:54 PM	0	1.4	-0.9	3.2	0
4/7/2020 8:00 PM	0	1.5	-0.9	3	0
4/7/2020 8:06 PM	0	1.5	-0.9	2.8	0
4/7/2020 8:12 PM	0	1.5	-0.9	2.6	0
4/7/2020 8:18 PM	0	1.6	-0.9	2.5	0
4/7/2020 8:24 PM	0	1.6	-0.9	2.3	0
4/7/2020 8:30 PM	0	1.6	-0.9	2.3	0
4/7/2020 8:36 PM	0	1.6	-0.9	2.3	0
4/7/2020 8:42 PM	0	1.6	-0.9	2.2	0
4/7/2020 8:48 PM	0	1.6	-0.9	2.1	0
4/7/2020 8:54 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:00 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:06 PM	0	1.6	-0.9	2.1	0
4/7/2020 9:12 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:18 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:24 PM	0	1.6	-0.9	2.1	0
4/7/2020 9:30 PM	0	1.6	-0.9	2.1	0
4/7/2020 9:36 PM	0	1.6	-0.9	2.1	0
4/7/2020 9:42 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:48 PM	0	1.6	-0.9	2.2	0
4/7/2020 9:54 PM	0	1.6	-0.9	2.2	0
4/7/2020 10:00 PM	0	1.6	-0.9	2.1	0
4/7/2020 10:06 PM	0	1.6	-0.9	2	0
4/7/2020 10:12 PM	0	1.6	-0.9	1.9	0
4/7/2020 10:18 PM	0.1	1.6	-0.9	1.9	0
4/7/2020 10:24 PM	0.1	1.6	-0.9	1.9	0
4/7/2020 10:30 PM	0	1.6	-0.9	1.8	0
4/7/2020 10:36 PM	0	1.6	-0.9	1.9	0
4/7/2020 10:42 PM	0	1.6	-0.9	2	0.1
4/7/2020 10:48 PM	0.1	1.6	-0.9	1.9	0
4/7/2020 10:54 PM	0.2	1.6	-0.9	1.7	0
4/7/2020 11:00 PM	0.6	1.6	-0.9	0.6	0
4/7/2020 11:06 PM	0.5	1.6	-0.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/7/2020 11:12 PM	0.3	1.6	-0.9	-0.5	0
4/7/2020 11:18 PM	0.2	1.6	-0.9	-0.5	0
4/7/2020 11:24 PM	0.1	1.6	-0.9	-0.5	0
4/7/2020 11:30 PM	0.1	1.5	-0.9	-0.5	0
4/7/2020 11:36 PM	0.1	1.5	-0.9	-0.5	0
4/7/2020 11:42 PM	0.1	1.5	-0.9	-0.5	0.1
4/7/2020 11:48 PM	0.1	1.5	-0.9	-0.5	0
4/7/2020 11:54 PM	0.1	1.5	-0.9	-0.5	0
4/8/2020 12:00 AM	0.1	1.5	-0.9	-0.5	0
4/8/2020 12:06 AM	0.1	1.5	-0.9	-0.5	0
4/8/2020 12:12 AM	0	1.5	-0.9	-0.5	0
4/8/2020 12:18 AM	0	1.5	-0.9	-0.5	0
4/8/2020 12:24 AM	0	1.5	-0.9	-0.5	0
4/8/2020 12:30 AM	0	1.4	-0.9	-0.5	0.1
4/8/2020 12:36 AM	0	1.3	-0.9	-0.5	0.1
4/8/2020 12:42 AM	0	1.3	-0.9	-0.5	0.1
4/8/2020 12:48 AM	-0.1	1.3	-0.9	-0.5	0.1
4/8/2020 12:54 AM	-0.1	1.3	-0.9	-0.5	0.1
4/8/2020 1:00 AM	-0.1	1.3	-0.9	-0.5	0.1
4/8/2020 1:06 AM	-0.1	1.3	-0.9	-0.5	0.1
4/8/2020 1:12 AM	-0.2	1.3	-0.9	-0.5	0.1
4/8/2020 1:18 AM	-0.2	1.3	-0.9	-0.5	0.1
4/8/2020 1:24 AM	-0.2	1.2	-0.9	-0.5	0.1
4/8/2020 1:30 AM	-0.2	1.2	-0.9	-0.5	0.1
4/8/2020 1:36 AM	-0.2	1.2	-0.9	-0.5	0.1
4/8/2020 1:42 AM	-0.1	1.1	-0.9	-0.5	0.1
4/8/2020 1:48 AM	-0.1	0.9	-0.9	-0.5	0.1
4/8/2020 1:54 AM	-0.1	0.8	-0.8	-0.5	0.1
4/8/2020 2:00 AM	-0.1	0.8	-0.8	-0.5	0.1
4/8/2020 2:06 AM	-0.1	0.8	-0.9	-0.5	0.1
4/8/2020 2:12 AM	0	0.8	-0.9	-0.5	0.1
4/8/2020 2:18 AM	0	0.7	-0.9	-0.5	0.1
4/8/2020 2:24 AM	0	0.8	-0.9	-0.5	0.1
4/8/2020 2:30 AM	0	0.8	-0.9	-0.5	0.1
4/8/2020 2:36 AM	0.1	0.9	-0.9	-0.5	0.1
4/8/2020 2:42 AM	0.1	0.9	-0.9	-0.5	0.1
4/8/2020 2:48 AM	0.1	0.9	-0.9	-0.5	0.1
4/8/2020 2:54 AM	0.1	0.8	-0.9	-0.4	0.1
4/8/2020 3:00 AM	0.1	0.9	-0.9	-0.4	0.1
4/8/2020 3:06 AM	0.1	1	-1	-0.4	0.1
4/8/2020 3:12 AM	0.2	1.2	-1	-0.4	0.1
4/8/2020 3:18 AM	0.2	1.4	-1	-0.4	0.1
4/8/2020 3:24 AM	0.2	1.5	-1	-0.4	0.1
4/8/2020 3:30 AM	0.2	1.5	-1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/8/2020 3:36 AM	0.2	1.6	-1.1	-0.4	0.1
4/8/2020 3:42 AM	0.2	1.6	-1	-0.4	0.1
4/8/2020 3:48 AM	0.2	1.6	-1	-0.4	0.1
4/8/2020 3:54 AM	0.2	1.6	-1	-0.4	0.1
4/8/2020 4:00 AM	0.2	1.6	-1	-0.4	0.1
4/8/2020 4:06 AM	0.2	1.7	-1	-0.4	0.1
4/8/2020 4:12 AM	0.2	1.7	-1	-0.4	0.1
4/8/2020 4:18 AM	0.1	1.7	-1	-0.4	0.1
4/8/2020 4:24 AM	0.2	1.7	-1	-0.4	0.1
4/8/2020 4:30 AM	0.4	1.7	-1	-0.4	0.1
4/8/2020 4:36 AM	0.2	1.7	-1	-0.4	0.1
4/8/2020 4:42 AM	0.4	1.8	-1	-0.4	0.1
4/8/2020 4:48 AM	0.5	1.8	19.5	-0.4	0.1
4/8/2020 4:54 AM	0.4	1.7	31.1	-0.4	0.1
4/8/2020 5:00 AM	0.4	1.7	12.6	-0.4	0.1
4/8/2020 5:06 AM	0.4	1.6	11.1	-0.4	0.1
4/8/2020 5:12 AM	0.3	1.5	11.4	-0.4	0.1
4/8/2020 5:18 AM	0.3	1.5	8	-0.4	0.1
4/8/2020 5:24 AM	0.3	1.6	6.3	-0.4	0.1
4/8/2020 5:30 AM	0.3	1.6	6	-0.4	0.1
4/8/2020 5:36 AM	0.3	1.6	6	-0.4	0.1
4/8/2020 5:42 AM	0.3	1.6	5.8	-0.4	0.1
4/8/2020 5:48 AM	0.3	1.6	5.7	-0.4	6.5
4/8/2020 5:54 AM	0.2	1.6	3.1	-0.4	12.6
4/8/2020 6:00 AM	0	1.6	-0.2	-0.4	8.3
4/8/2020 6:06 AM	0	1.5	-0.5	-0.4	6
4/8/2020 6:12 AM	0	1.5	-0.6	-0.4	5.6
4/8/2020 6:18 AM	0	1.5	-0.7	-0.4	5.9
4/8/2020 6:24 AM	0	1.5	-0.7	-0.4	5.9
4/8/2020 6:30 AM	-0.1	1.5	-0.7	-0.4	5.5
4/8/2020 6:36 AM	-0.1	1.5	-0.7	-0.4	4.7
4/8/2020 6:42 AM	-0.2	1.5	-0.7	-0.4	4.1
4/8/2020 6:48 AM	-0.4	1.4	-0.8	-0.4	3.7
4/8/2020 6:54 AM	-0.4	1.4	-0.8	-0.4	3.5
4/8/2020 7:00 AM	-0.4	1.5	-0.8	-0.4	3.3
4/8/2020 7:06 AM	-0.3	1.5	-0.8	3	3.3
4/8/2020 7:12 AM	-0.4	1.5	-0.8	9.9	3.2
4/8/2020 7:18 AM	-0.3	1.5	-0.8	7.1	3.1
4/8/2020 7:24 AM	-0.2	1.5	-0.8	7.8	3
4/8/2020 7:30 AM	-0.2	1.5	-0.8	10.4	3
4/8/2020 7:36 AM	-0.1	1.5	-0.8	3.3	2.9
4/8/2020 7:42 AM	-0.1	1.5	3.3	0.6	2.9
4/8/2020 7:48 AM	-0.2	1.5	4.4	-0.4	2.6
4/8/2020 7:54 AM	-0.4	1.5	-0.1	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/8/2020 8:00 AM	-0.4	1.5	-0.7	-0.4	2.4
4/8/2020 8:06 AM	-0.3	1.5	-0.8	-0.4	2.4
4/8/2020 8:12 AM	-0.3	1.5	-0.9	-0.4	2.3
4/8/2020 8:18 AM	-0.3	1.6	-0.8	-0.4	2.3
4/8/2020 8:24 AM	-0.2	1.6	-0.9	-0.4	2.2
4/8/2020 8:30 AM	-0.2	1.7	-0.9	-0.4	1.7
4/8/2020 8:36 AM	-0.1	1.7	5.3	-0.3	0.8
4/8/2020 8:42 AM	-0.2	1.8	5.7	6.7	0.3
4/8/2020 8:48 AM	-0.3	1.8	-0.4	12	0.3
4/8/2020 8:54 AM	-0.6	1.9	-0.8	17.4	0.3
4/8/2020 9:00 AM	-0.8	2.1	-0.9	14.1	0.2
4/8/2020 9:06 AM	-0.9	2.2	-0.9	10.1	0.2
4/8/2020 9:12 AM	-0.9	2.3	-0.9	8.6	0.3
4/8/2020 9:18 AM	-0.9	2.3	-0.9	8.3	0.2
4/8/2020 9:24 AM	-0.8	2.3	-0.9	8	0.2
4/8/2020 9:30 AM	-0.8	2.4	-0.9	7.8	0.2
4/8/2020 9:36 AM	-0.8	2.5	-0.9	7.7	0.2
4/8/2020 9:42 AM	-0.7	2.5	-0.9	8.1	0.2
4/8/2020 9:48 AM	-0.8	2.6	-0.9	8.7	0.2
4/8/2020 9:54 AM	-0.7	2.6	-0.9	9.1	0.2
4/8/2020 10:00 AM	-0.7	2.6	-0.9	9.2	0.2
4/8/2020 10:06 AM	-0.7	2.6	-0.9	9.4	0.2
4/8/2020 10:12 AM	-0.7	2.6	-0.8	9.2	0.2
4/8/2020 10:18 AM	-0.7	2.6	-0.8	9.2	0.2
4/8/2020 10:24 AM	-0.7	2.5	-0.8	9.3	0.2
4/8/2020 10:30 AM	-0.7	2.5	-0.8	9.2	0.3
4/8/2020 10:36 AM	-0.7	2.4	-0.8	9.2	0.2
4/8/2020 10:42 AM	-0.6	2.4	-0.8	9.3	0.2
4/8/2020 10:48 AM	-0.7	2.3	-0.8	9.2	0.2
4/8/2020 10:54 AM	-0.6	2.2	-0.8	9.1	0.2
4/8/2020 11:00 AM	-0.6	2.1	-0.8	9	0.2
4/8/2020 11:06 AM	-0.6	2.1	-0.7	7.4	4.9
4/8/2020 11:12 AM	-0.6	2	-0.7	4	7.3
4/8/2020 11:18 AM	-0.6	1.9	-0.7	2.9	4.4
4/8/2020 11:24 AM	-0.6	1.8	-0.7	3.1	3.9
4/8/2020 11:30 AM	-0.6	1.7	-0.7	3.2	3.4
4/8/2020 11:36 AM	-0.5	1.7	-0.7	3.3	3.3
4/8/2020 11:42 AM	-0.6	1.8	-0.8	3.4	3.2
4/8/2020 11:48 AM	-0.6	1.8	-0.8	3.4	3.1
4/8/2020 11:54 AM	-0.6	1.8	-0.8	3.3	3
4/8/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/8/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/8/2020 12:12 PM	-0.5	1.8	-0.9	3.4	2.8
4/8/2020 12:18 PM	-0.5	1.8	-0.9	3.4	2.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/8/2020 12:24 PM	-0.5	1.9	-0.9	3.4	2.8
4/8/2020 12:30 PM	-0.4	1.9	-0.9	3.4	2.7
4/8/2020 12:36 PM	-0.5	1.9	-0.9	3.3	2.7
4/8/2020 12:42 PM	-0.5	1.9	-0.9	3.2	2.7
4/8/2020 12:48 PM	-0.5	1.8	-0.9	3.3	2.7
4/8/2020 12:54 PM	-0.5	1.8	-0.9	3.3	2.7
4/8/2020 1:00 PM	-0.5	1.8	-0.9	3.2	2.7
4/8/2020 1:06 PM	-0.5	1.7	-0.9	3.2	2.6
4/8/2020 1:12 PM	-0.5	1.7	-0.9	3.1	2.6
4/8/2020 1:18 PM	-0.6	1.7	-0.9	3	2.5
4/8/2020 1:24 PM	-0.6	1.7	-0.9	2.9	2.5
4/8/2020 1:30 PM	-0.6	1.7	-0.9	3.1	2.4
4/8/2020 1:36 PM	-0.6	1.8	-0.9	3.2	2.4
4/8/2020 1:42 PM	-0.6	1.8	-0.9	3.1	2.4
4/8/2020 1:48 PM	-0.6	1.6	-0.9	3.1	2.4
4/8/2020 1:54 PM	-0.6	1.4	-0.9	3.1	2.4
4/8/2020 2:00 PM	-0.5	1.3	-0.9	3	2.4
4/8/2020 2:06 PM	-0.5	1.1	-0.9	2.9	2.4
4/8/2020 2:12 PM	-0.5	1	-0.9	3	2.5
4/8/2020 2:18 PM	-0.5	0.9	-0.8	3.1	2.6
4/8/2020 2:24 PM	-0.5	0.9	-0.8	3.1	2.4
4/8/2020 2:30 PM	-0.5	0.9	-0.9	3.1	2.4
4/8/2020 2:36 PM	-0.5	1	6.5	2.8	2.4
4/8/2020 2:42 PM	-0.5	1	21.7	0.9	2.4
4/8/2020 2:48 PM	-0.5	0.9	17.5	-0.5	2.4
4/8/2020 2:54 PM	-0.5	0.7	5.6	-0.5	2.4
4/8/2020 3:00 PM	-0.5	0.5	4	-0.5	2.4
4/8/2020 3:06 PM	-0.5	0.4	3.9	-0.5	2.4
4/8/2020 3:12 PM	-0.5	0.5	4.1	-0.5	2.3
4/8/2020 3:18 PM	-0.5	0.5	4	-0.5	2.3
4/8/2020 3:24 PM	-0.4	0.6	4.1	-0.5	2.3
4/8/2020 3:30 PM	-0.4	0.7	4.1	-0.5	2.3
4/8/2020 3:36 PM	-0.5	0.9	4	-0.5	2.3
4/8/2020 3:42 PM	-0.5	0.9	4	-0.5	2.3
4/8/2020 3:48 PM	-0.5	1	3.9	-0.5	2.3
4/8/2020 3:54 PM	-0.5	1.2	3.8	-0.5	2.2
4/8/2020 4:00 PM	-0.5	1.3	3.8	-0.5	2.2
4/8/2020 4:06 PM	-0.4	1.3	7.9	-0.5	1.6
4/8/2020 4:12 PM	-0.5	1.1	8	-0.5	0.5
4/8/2020 4:18 PM	-0.5	1	3.7	-0.5	0.1
4/8/2020 4:24 PM	-0.4	0.9	3.2	-0.5	0.1
4/8/2020 4:30 PM	-0.5	0.7	3.2	-0.5	0.1
4/8/2020 4:36 PM	-0.5	0.5	3.3	-0.5	0.1
4/8/2020 4:42 PM	-0.5	0.3	3.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/8/2020 4:48 PM	-0.5	0.3	3.6	-0.5	0.1
4/8/2020 4:54 PM	-0.5	0.3	3.8	-0.5	0.1
4/8/2020 5:00 PM	-0.5	0.2	4	-0.5	0.1
4/8/2020 5:06 PM	-0.5	0.2	4	-0.5	0.1
4/8/2020 5:12 PM	-0.5	0.2	4.1	-0.5	0.1
4/8/2020 5:18 PM	-0.5	0.2	3.6	-0.5	0.1
4/8/2020 5:24 PM	-0.5	0.2	1.8	-0.5	0.1
4/8/2020 5:30 PM	-0.5	0.2	0.6	-0.5	0.1
4/8/2020 5:36 PM	-0.5	0.2	0.2	-0.5	0.1
4/8/2020 5:42 PM	-0.5	0.2	0.1	-0.5	0.1
4/8/2020 5:48 PM	-0.5	0.2	12.5	-0.5	3.6
4/8/2020 5:54 PM	-0.5	0.3	11.2	-0.5	1
4/8/2020 6:00 PM	-0.5	0.4	4.4	-0.5	0.1
4/8/2020 6:06 PM	-0.5	0.6	4.3	-0.5	0.1
4/8/2020 6:12 PM	-0.5	0.8	4.4	-0.5	0.1
4/8/2020 6:18 PM	-0.5	1.1	4.5	-0.5	0
4/8/2020 6:24 PM	-0.5	1.4	4.6	-0.5	0
4/8/2020 6:30 PM	-0.5	1.6	4.6	-0.5	0
4/8/2020 6:36 PM	-0.5	1.5	4.7	-0.5	0.1
4/8/2020 6:42 PM	-0.5	1.5	5	-0.5	0.1
4/8/2020 6:48 PM	-0.5	1.4	5.1	-0.5	0
4/8/2020 6:54 PM	-0.5	1.3	5.2	-0.5	0
4/8/2020 7:00 PM	-0.5	1.3	5.3	-0.5	0
4/8/2020 7:06 PM	-0.5	1.2	5.2	-0.5	0
4/8/2020 7:12 PM	-0.5	1.2	5.1	-0.5	0
4/8/2020 7:18 PM	-0.5	1.2	5.1	-0.5	0
4/8/2020 7:24 PM	-0.5	1.1	5	-0.5	0
4/8/2020 7:30 PM	-0.5	1.1	4.9	-0.5	0
4/8/2020 7:36 PM	-0.5	1.1	4.8	-0.5	0
4/8/2020 7:42 PM	-0.5	1.1	4.9	-0.5	0
4/8/2020 7:48 PM	-0.5	1.1	5	-0.5	0
4/8/2020 7:54 PM	-0.6	1.1	5	-0.5	0
4/8/2020 8:00 PM	-0.6	1.1	4.9	-0.5	0
4/8/2020 8:06 PM	-0.6	1	4.8	-0.5	0
4/8/2020 8:12 PM	-0.6	1	4.8	-0.5	0
4/8/2020 8:18 PM	-0.6	1	4.9	-0.5	0
4/8/2020 8:24 PM	-0.7	1	5.1	-0.5	0
4/8/2020 8:30 PM	-0.7	1	5.2	-0.5	0
4/8/2020 8:36 PM	-0.7	1	5.2	-0.5	0
4/8/2020 8:42 PM	-0.7	1	5.2	-0.5	0
4/8/2020 8:48 PM	-0.6	1	5.1	-0.5	0
4/8/2020 8:54 PM	-0.6	1	5	-0.5	0
4/8/2020 9:00 PM	-0.7	1	5.1	-0.5	0
4/8/2020 9:06 PM	-0.6	1	5.2	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/8/2020 9:12 PM	-0.6	0.9	5.2	-0.5	0
4/8/2020 9:18 PM	-0.6	0.9	5.1	-0.5	0
4/8/2020 9:24 PM	-0.7	0.9	5.1	-0.5	0
4/8/2020 9:30 PM	-0.7	0.9	5.1	-0.5	0
4/8/2020 9:36 PM	-0.6	0.9	5.2	-0.5	0
4/8/2020 9:42 PM	-0.6	0.9	5.3	-0.5	0
4/8/2020 9:48 PM	-0.7	0.9	5.3	-0.5	0
4/8/2020 9:54 PM	-0.7	0.9	5.2	-0.5	0
4/8/2020 10:00 PM	-0.7	0.9	5.2	-0.5	0
4/8/2020 10:06 PM	-0.7	0.9	5.3	-0.5	0
4/8/2020 10:12 PM	-0.7	0.9	5.4	-0.5	0
4/8/2020 10:18 PM	-0.7	0.9	5.4	-0.5	0
4/8/2020 10:24 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 10:30 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 10:36 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 10:42 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 10:48 PM	-0.7	0.9	5.6	-0.5	0
4/8/2020 10:54 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 11:00 PM	-0.7	0.9	5.5	-0.5	0
4/8/2020 11:06 PM	-0.7	0.9	5.3	-0.5	0
4/8/2020 11:12 PM	-0.7	0.9	5.3	-0.5	0
4/8/2020 11:18 PM	-0.7	0.9	5.3	-0.5	0
4/8/2020 11:24 PM	-0.7	0.9	5.2	-0.5	0
4/8/2020 11:30 PM	-0.7	0.9	5.1	-0.5	0
4/8/2020 11:36 PM	-0.7	0.9	5	-0.5	0
4/8/2020 11:42 PM	-0.7	0.9	4.9	-0.5	0
4/8/2020 11:48 PM	-0.7	0.9	4.9	-0.5	0
4/8/2020 11:54 PM	-0.7	0.9	4.9	-0.5	0
4/9/2020 12:00 AM	-0.7	0.9	4.9	-0.5	0
4/9/2020 12:06 AM	-0.7	0.9	4.9	-0.5	0
4/9/2020 12:12 AM	-0.7	0.9	4.9	-0.5	0
4/9/2020 12:18 AM	-0.7	0.9	4.8	-0.5	0
4/9/2020 12:24 AM	-0.7	0.9	4.8	-0.5	0
4/9/2020 12:30 AM	-0.7	0.9	4.7	-0.5	0
4/9/2020 12:36 AM	-0.7	0.8	4.7	-0.5	0
4/9/2020 12:42 AM	-0.7	0.8	4.7	-0.5	0
4/9/2020 12:48 AM	-0.8	0.8	4.7	-0.5	0
4/9/2020 12:54 AM	-0.8	0.8	4.6	-0.5	0
4/9/2020 1:00 AM	-0.8	0.8	4.5	-0.5	0
4/9/2020 1:06 AM	-0.8	0.8	4.5	-0.4	0
4/9/2020 1:12 AM	-0.8	0.8	4.5	-0.4	0
4/9/2020 1:18 AM	-0.8	0.8	4.6	-0.5	0
4/9/2020 1:24 AM	-0.8	0.7	4.4	-0.5	0
4/9/2020 1:30 AM	-0.8	0.7	4.5	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 1:36 AM	-0.8	0.7	4.7	-0.5	0
4/9/2020 1:42 AM	-0.8	0.7	4.7	-0.4	0
4/9/2020 1:48 AM	-0.8	0.7	4.6	-0.5	0
4/9/2020 1:54 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:00 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:06 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:12 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:18 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:24 AM	-0.8	0.7	4.6	-0.4	0
4/9/2020 2:30 AM	-0.8	0.8	4.7	-0.5	0
4/9/2020 2:36 AM	-0.8	0.8	4.6	-0.5	0
4/9/2020 2:42 AM	-0.8	0.8	4.5	-0.5	0
4/9/2020 2:48 AM	-0.8	0.8	4.4	-0.4	0
4/9/2020 2:54 AM	-0.8	0.8	4.2	-0.4	0
4/9/2020 3:00 AM	-0.8	0.8	3.4	-0.5	0
4/9/2020 3:06 AM	-0.8	0.8	3.2	-0.5	0
4/9/2020 3:12 AM	-0.8	0.8	3.1	-0.5	0
4/9/2020 3:18 AM	-0.8	0.8	2.7	-0.5	0
4/9/2020 3:24 AM	-0.8	0.8	2.3	-0.5	0
4/9/2020 3:30 AM	-0.8	0.8	2.1	-0.5	0
4/9/2020 3:36 AM	-0.8	0.8	2	-0.5	0
4/9/2020 3:42 AM	-0.8	0.8	2	-0.5	0
4/9/2020 3:48 AM	-0.8	0.8	1.9	-0.5	0
4/9/2020 3:54 AM	-0.8	0.8	1.9	-0.5	0
4/9/2020 4:00 AM	-0.8	0.8	2	-0.5	0
4/9/2020 4:06 AM	-0.7	0.9	2.2	-0.5	0
4/9/2020 4:12 AM	-0.8	0.9	2.3	-0.5	0
4/9/2020 4:18 AM	-0.8	0.9	2.4	-0.5	0
4/9/2020 4:24 AM	-0.8	0.9	2.5	-0.5	0
4/9/2020 4:30 AM	-0.7	0.9	2.4	-0.5	0
4/9/2020 4:36 AM	-0.7	1	2.5	-0.5	0
4/9/2020 4:42 AM	-0.7	1	2.4	-0.5	0
4/9/2020 4:48 AM	-0.7	1	2.5	-0.5	0
4/9/2020 4:54 AM	-0.7	1	2.7	-0.5	0
4/9/2020 5:00 AM	-0.7	1	2.8	-0.5	0
4/9/2020 5:06 AM	-0.7	1	2.7	-0.5	0
4/9/2020 5:12 AM	-0.7	1	2.5	-0.5	0
4/9/2020 5:18 AM	-0.7	1	2.5	-0.5	0
4/9/2020 5:24 AM	-0.7	1	2.5	-0.5	0
4/9/2020 5:30 AM	-0.7	1	2.7	-0.5	0
4/9/2020 5:36 AM	-0.7	1	2.6	-0.5	0
4/9/2020 5:42 AM	-0.7	1	2.6	-0.5	0
4/9/2020 5:48 AM	-0.7	1	2.6	-0.5	0
4/9/2020 5:54 AM	-0.7	1	2.6	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 6:00 AM	-0.7	1	2.5	-0.5	0
4/9/2020 6:06 AM	-0.7	1.1	2.6	-0.5	0
4/9/2020 6:12 AM	-0.7	1.1	2.5	-0.5	0
4/9/2020 6:18 AM	-0.7	1	2.6	-0.5	0
4/9/2020 6:24 AM	-0.7	1	2.6	-0.5	0
4/9/2020 6:30 AM	0.4	1	2.6	-0.5	0
4/9/2020 6:36 AM	29.7	1	2.6	-0.5	0
4/9/2020 6:42 AM	31.2	1	2.6	-0.5	0
4/9/2020 6:48 AM	11.4	1	2.6	-0.5	0
4/9/2020 6:54 AM	4.4	1	2.6	-0.5	0
4/9/2020 7:00 AM	1.4	1	2.7	-0.5	0
4/9/2020 7:06 AM	0.1	1	2.6	-0.5	0
4/9/2020 7:12 AM	-0.3	1	2.7	-0.5	0
4/9/2020 7:18 AM	-0.5	1	2.6	-0.5	0
4/9/2020 7:24 AM	-0.6	1	2.7	-0.5	0
4/9/2020 7:30 AM	-0.6	1	2.7	-0.5	0
4/9/2020 7:36 AM	-0.6	1	2.8	-0.5	0
4/9/2020 7:42 AM	-0.7	1	2.7	-0.5	0
4/9/2020 7:48 AM	-0.7	1	2.7	-0.5	0
4/9/2020 7:54 AM	-0.7	1.1	2.7	-0.5	0
4/9/2020 8:00 AM	-0.6	1.2	2.5	-0.5	0
4/9/2020 8:06 AM	-0.6	1.3	3.3	-0.5	0
4/9/2020 8:12 AM	-0.6	1.4	3.3	-0.4	0
4/9/2020 8:18 AM	-0.7	1.4	2.5	-0.4	0
4/9/2020 8:24 AM	-0.7	1.3	3.1	-0.4	0
4/9/2020 8:30 AM	-0.7	1.3	3.5	-0.4	0
4/9/2020 8:36 AM	-0.7	1.3	3.5	-0.4	0
4/9/2020 8:42 AM	-0.7	1.3	3.7	-0.5	0
4/9/2020 8:48 AM	-0.7	1.3	3.8	-0.5	0
4/9/2020 8:54 AM	-0.7	1.3	4	-0.5	0
4/9/2020 9:00 AM	-0.7	1.4	4	-0.5	0
4/9/2020 9:06 AM	-0.7	1.5	4.1	-0.5	0
4/9/2020 9:12 AM	-0.7	1.5	4.2	-0.5	0
4/9/2020 9:18 AM	-0.7	1.5	4.3	-0.5	0
4/9/2020 9:24 AM	-0.7	1.5	4.3	-0.5	0
4/9/2020 9:30 AM	-0.7	1.4	4.4	-0.5	0
4/9/2020 9:36 AM	-0.7	1.3	4.5	-0.5	0
4/9/2020 9:42 AM	-0.7	1.2	4.6	-0.5	0
4/9/2020 9:48 AM	-0.7	1.2	4.6	-0.5	0
4/9/2020 9:54 AM	-0.7	1.2	4.9	-0.5	0
4/9/2020 10:00 AM	-0.7	1.2	5.2	-0.5	0
4/9/2020 10:06 AM	-0.7	1.2	5.1	-0.5	0
4/9/2020 10:12 AM	17.4	1.2	5.2	-0.4	0
4/9/2020 10:18 AM	23.6	1.3	5.1	9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 10:24 AM	10.2	1.4	5	11.6	0
4/9/2020 10:30 AM	5.6	1.4	4.9	2.9	0
4/9/2020 10:36 AM	3.5	1.4	4.9	1.1	0
4/9/2020 10:42 AM	2	1.3	4.8	0.1	0
4/9/2020 10:48 AM	1.2	1.3	4.6	-0.3	0
4/9/2020 10:54 AM	0.5	1.4	4.4	-0.4	0
4/9/2020 11:00 AM	0.4	1.5	4.3	-0.4	0
4/9/2020 11:06 AM	0.4	1.5	4.3	-0.5	0
4/9/2020 11:12 AM	0.4	1.6	4.3	-0.5	0
4/9/2020 11:18 AM	0.4	1.7	4.3	-0.5	0
4/9/2020 11:24 AM	0.4	1.7	4.3	-0.5	0
4/9/2020 11:30 AM	0.3	1.8	4.2	-0.5	0
4/9/2020 11:36 AM	0.4	1.8	3.7	-0.5	0
4/9/2020 11:42 AM	0.5	1.8	3.3	-0.5	0
4/9/2020 11:48 AM	0.1	1.8	3.8	-0.5	0.1
4/9/2020 11:54 AM	-0.5	1.8	4.2	-0.5	0.1
4/9/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/9/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/9/2020 12:12 PM	-0.7	1.6	3.8	-0.5	0
4/9/2020 12:18 PM	-0.7	1.7	4	7.5	0
4/9/2020 12:24 PM	-0.7	1.6	4.4	11.1	7.3
4/9/2020 12:30 PM	-0.7	1.6	4.4	3.4	4.6
4/9/2020 12:36 PM	-0.7	1.6	4.3	1.5	0.3
4/9/2020 12:42 PM	-0.7	1.7	4.2	0.5	0.2
4/9/2020 12:48 PM	-0.6	1.4	4.7	0	0.2
4/9/2020 12:54 PM	-0.6	0.8	6	-0.2	0.2
4/9/2020 1:00 PM	-0.7	0.5	6.7	-0.3	0.2
4/9/2020 1:06 PM	-0.7	0.4	6.5	-0.3	0.1
4/9/2020 1:12 PM	-0.7	0.4	6.2	-0.3	0.1
4/9/2020 1:18 PM	-0.7	0.4	6.2	-0.3	0.1
4/9/2020 1:24 PM	0.4	0.4	6.3	-0.3	0.1
4/9/2020 1:30 PM	1.2	0.3	6.3	-0.3	0
4/9/2020 1:36 PM	0.6	0.4	6.2	-0.4	0
4/9/2020 1:42 PM	0.4	0.5	6.1	-0.4	0
4/9/2020 1:48 PM	0.3	0.4	6	-0.4	0
4/9/2020 1:54 PM	0.3	0.4	6	-0.4	0
4/9/2020 2:00 PM	0.3	0.4	6.1	-0.4	0
4/9/2020 2:06 PM	0.2	0.3	6	-0.4	0
4/9/2020 2:12 PM	0.2	0.2	5.8	-0.4	0
4/9/2020 2:18 PM	0.7	0.1	5.9	-0.4	0
4/9/2020 2:24 PM	0.8	0	5.9	-0.4	0
4/9/2020 2:30 PM	0.5	0.1	5.8	-0.4	0
4/9/2020 2:36 PM	0.4	0.1	5.8	-0.4	0
4/9/2020 2:42 PM	0.4	0.1	5.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 2:48 PM	0.3	0.1	5.9	-0.4	0
4/9/2020 2:54 PM	0.3	0.1	5.9	-0.4	0
4/9/2020 3:00 PM	0.3	0.1	6	-0.4	0
4/9/2020 3:06 PM	0.3	0.1	6	-0.4	0
4/9/2020 3:12 PM	0.3	0.1	5.8	-0.4	0
4/9/2020 3:18 PM	0.2	0.1	5.8	-0.4	0
4/9/2020 3:24 PM	0.2	0.1	5.8	-0.4	0
4/9/2020 3:30 PM	0.2	0.1	5.8	-0.4	0
4/9/2020 3:36 PM	0	0.2	5.7	-0.4	0
4/9/2020 3:42 PM	-0.3	0.3	5.7	-0.4	0
4/9/2020 3:48 PM	-0.3	0.4	5.8	-0.4	0
4/9/2020 3:54 PM	-0.3	0.5	5.9	-0.4	0
4/9/2020 4:00 PM	-0.3	0.5	5.7	-0.4	0
4/9/2020 4:06 PM	-0.2	0.5	5.5	-0.4	0
4/9/2020 4:12 PM	-0.2	0.6	5.1	-0.4	0
4/9/2020 4:18 PM	-0.2	0.5	4.6	-0.4	0
4/9/2020 4:24 PM	-0.1	0.5	4.3	-0.4	0
4/9/2020 4:30 PM	-0.1	0.5	4	-0.4	0
4/9/2020 4:36 PM	-0.1	0.6	3.9	-0.4	0
4/9/2020 4:42 PM	-0.1	0.7	3.9	-0.4	0
4/9/2020 4:48 PM	-0.2	0.7	4.2	-0.4	0
4/9/2020 4:54 PM	-0.5	0.6	4.9	-0.4	0
4/9/2020 5:00 PM	-0.9	0.6	5.2	-0.4	0
4/9/2020 5:06 PM	-0.9	0.6	5.4	-0.3	0
4/9/2020 5:12 PM	-1	0.5	5.4	-0.3	0
4/9/2020 5:18 PM	-1	0.4	5.5	-0.4	0
4/9/2020 5:24 PM	-1	0.5	5.7	-0.4	0
4/9/2020 5:30 PM	-1	0.6	5.9	-0.4	0
4/9/2020 5:36 PM	-1	0.6	5.9	-0.4	0
4/9/2020 5:42 PM	-1	0.7	5.9	-0.4	0
4/9/2020 5:48 PM	-1	0.7	5.9	-0.4	0
4/9/2020 5:54 PM	-1	0.7	5.9	-0.4	0
4/9/2020 6:00 PM	-1	0.8	5.9	-0.4	0
4/9/2020 6:06 PM	-0.9	0.8	6	-0.3	0
4/9/2020 6:12 PM	-0.9	0.7	6.1	-0.4	0
4/9/2020 6:18 PM	-0.9	0.5	6.2	-0.4	0
4/9/2020 6:24 PM	-0.9	0.3	6.1	-0.3	0
4/9/2020 6:30 PM	-0.9	0.2	5.9	-0.3	0
4/9/2020 6:36 PM	-0.9	0.2	6.1	-0.3	0
4/9/2020 6:42 PM	-1	0.2	6.2	-0.3	0
4/9/2020 6:48 PM	-1	0.1	6.2	-0.3	0
4/9/2020 6:54 PM	-1	0.1	6.2	-0.3	0
4/9/2020 7:00 PM	-0.9	0.1	6.3	-0.3	0
4/9/2020 7:06 PM	-0.9	0.1	6.3	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 7:12 PM	-0.9	0.1	6.2	-0.3	0
4/9/2020 7:18 PM	-0.9	0.1	6.3	-0.3	0
4/9/2020 7:24 PM	-0.9	0.1	6.3	-0.3	0
4/9/2020 7:30 PM	-1	0.1	6.4	-0.3	0
4/9/2020 7:36 PM	-1	0.1	6.3	-0.3	0
4/9/2020 7:42 PM	-0.9	0.1	6.3	-0.3	0
4/9/2020 7:48 PM	-0.9	0.1	6.5	-0.3	0
4/9/2020 7:54 PM	-0.9	0.1	6.6	-0.3	0
4/9/2020 8:00 PM	-0.9	0.1	6.6	-0.3	0
4/9/2020 8:06 PM	-1	0.1	6.5	-0.3	0
4/9/2020 8:12 PM	-1	0.1	6.6	-0.3	0
4/9/2020 8:18 PM	-1	0.1	6.6	-0.3	0
4/9/2020 8:24 PM	-1	0.1	6.6	-0.3	0
4/9/2020 8:30 PM	-0.9	0.1	6.6	-0.3	0
4/9/2020 8:36 PM	-0.9	0.1	6.6	-0.3	0
4/9/2020 8:42 PM	-1	0.1	6.6	-0.3	0
4/9/2020 8:48 PM	-1	0.2	6.5	-0.3	0
4/9/2020 8:54 PM	-1	0.2	6.5	-0.3	0
4/9/2020 9:00 PM	-1	0.2	6.5	-0.3	0
4/9/2020 9:06 PM	-0.9	0.2	6.4	-0.3	0
4/9/2020 9:12 PM	-0.9	0.2	6.3	-0.3	0
4/9/2020 9:18 PM	-0.9	0.2	6.4	-0.3	0
4/9/2020 9:24 PM	-0.9	0.2	6.5	-0.3	0
4/9/2020 9:30 PM	-1	0.2	6.6	-0.3	0
4/9/2020 9:36 PM	-1	0.2	6.7	-0.3	0
4/9/2020 9:42 PM	-1	0.2	6.6	-0.3	0
4/9/2020 9:48 PM	-1	0.2	6.6	-0.3	0
4/9/2020 9:54 PM	-1	0.2	6.6	-0.3	-0.1
4/9/2020 10:00 PM	-1	0.3	6.6	-0.3	0
4/9/2020 10:06 PM	-0.9	0.3	6.5	-0.3	0
4/9/2020 10:12 PM	-1	0.3	6.4	-0.3	0
4/9/2020 10:18 PM	-1	0.3	6.4	-0.3	-0.1
4/9/2020 10:24 PM	-1	0.3	6.1	-0.3	-0.1
4/9/2020 10:30 PM	-1	0.3	5.5	-0.3	-0.1
4/9/2020 10:36 PM	-1	0.4	5.3	-0.3	-0.1
4/9/2020 10:42 PM	-1	0.4	5.2	-0.3	-0.1
4/9/2020 10:48 PM	-1	0.5	5.2	-0.3	-0.1
4/9/2020 10:54 PM	-1	0.5	5.2	-0.3	-0.1
4/9/2020 11:00 PM	-1	0.5	5.3	-0.3	-0.1
4/9/2020 11:06 PM	-1	0.5	5.2	-0.3	-0.1
4/9/2020 11:12 PM	-1	0.5	5.3	-0.3	-0.1
4/9/2020 11:18 PM	-1	0.5	5.4	-0.3	-0.1
4/9/2020 11:24 PM	-1	0.5	5.4	-0.3	-0.1
4/9/2020 11:30 PM	-1	0.4	5.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/9/2020 11:36 PM	-1	0.4	5.4	-0.3	-0.1
4/9/2020 11:42 PM	-1.1	0.4	5.3	-0.3	-0.1
4/9/2020 11:48 PM	-1.1	0.4	5.2	-0.3	-0.1
4/9/2020 11:54 PM	-1.1	0.5	5.2	-0.3	-0.1
4/10/2020 12:00 AM	-1.1	0.5	5.2	-0.3	-0.1
4/10/2020 12:06 AM	-1.1	0.5	5.2	-0.3	-0.1
4/10/2020 12:12 AM	-1.1	0.4	5.2	-0.3	-0.1
4/10/2020 12:18 AM	-1.1	0.4	5.3	-0.3	-0.1
4/10/2020 12:24 AM	-1.1	0.4	5.3	-0.3	-0.1
4/10/2020 12:30 AM	-1.1	0.4	5.3	-0.3	-0.1
4/10/2020 12:36 AM	-1.2	0.4	5.3	-0.3	-0.1
4/10/2020 12:42 AM	-1.1	0.3	5.4	-0.3	-0.1
4/10/2020 12:48 AM	-1.1	0.3	5.4	-0.3	-0.1
4/10/2020 12:54 AM	-1.1	0.3	5.3	-0.3	-0.1
4/10/2020 1:00 AM	-1.1	0.3	5.3	-0.3	-0.1
4/10/2020 1:06 AM	-1.2	0.3	5.3	-0.3	-0.1
4/10/2020 1:12 AM	-1.2	0.3	5.2	-0.3	-0.1
4/10/2020 1:18 AM	-1.2	0.4	4.7	-0.3	-0.1
4/10/2020 1:24 AM	-1.2	0.4	3.9	-0.3	-0.1
4/10/2020 1:30 AM	-1.1	0.4	3.4	-0.3	-0.1
4/10/2020 1:36 AM	-1.2	0.4	3.1	-0.3	-0.1
4/10/2020 1:42 AM	-1.2	0.4	2.9	-0.3	-0.1
4/10/2020 1:48 AM	-1.2	0.4	2.8	-0.3	-0.1
4/10/2020 1:54 AM	-1.2	0.4	2.8	-0.3	-0.1
4/10/2020 2:00 AM	-1.2	0.4	2.8	-0.3	-0.1
4/10/2020 2:06 AM	-1.2	0.5	2.7	-0.3	-0.1
4/10/2020 2:12 AM	-1.2	0.6	2.7	-0.3	-0.1
4/10/2020 2:18 AM	-1.2	0.6	2.8	-0.3	-0.1
4/10/2020 2:24 AM	-1.2	0.5	2.7	-0.3	-0.1
4/10/2020 2:30 AM	-1.2	0.4	2.6	-0.3	-0.1
4/10/2020 2:36 AM	-1.2	0.3	2.7	-0.2	-0.1
4/10/2020 2:42 AM	-1.2	0.3	2.8	-0.2	-0.1
4/10/2020 2:48 AM	-1.2	0.3	3	-0.2	-0.1
4/10/2020 2:54 AM	-1.2	0.3	3.1	-0.2	-0.1
4/10/2020 3:00 AM	-1.2	0.3	3.2	-0.2	-0.1
4/10/2020 3:06 AM	-1.2	0.3	3.3	-0.2	-0.1
4/10/2020 3:12 AM	-1.2	0.2	3.5	-0.2	-0.1
4/10/2020 3:18 AM	-1.2	0.2	3.5	-0.2	-0.1
4/10/2020 3:24 AM	-1.2	0.2	3.5	-0.2	-0.1
4/10/2020 3:30 AM	-1.2	0.1	3.6	-0.2	-0.1
4/10/2020 3:36 AM	-1.3	0	3.9	-0.2	-0.1
4/10/2020 3:42 AM	-1.2	0	4	-0.2	-0.1
4/10/2020 3:48 AM	-1.2	0	3.9	-0.2	-0.1
4/10/2020 3:54 AM	-1.2	-0.1	4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/10/2020 4:00 AM	-1.2	-0.1	4	-0.2	-0.1
4/10/2020 4:06 AM	-1.3	-0.1	4	-0.2	-0.1
4/10/2020 4:12 AM	-1.2	0	4.1	-0.2	-0.1
4/10/2020 4:18 AM	-1.2	0	4	-0.2	-0.1
4/10/2020 4:24 AM	-1.3	0	4.1	-0.2	-0.1
4/10/2020 4:30 AM	-1.3	0	4.1	-0.2	-0.1
4/10/2020 4:36 AM	-1.3	0	4.1	-0.2	-0.1
4/10/2020 4:42 AM	-1.3	0.1	4	-0.2	-0.1
4/10/2020 4:48 AM	-1.3	0.1	3.8	-0.2	-0.1
4/10/2020 4:54 AM	-1.3	0.1	3.5	-0.2	-0.1
4/10/2020 5:00 AM	-1.2	0.2	3.4	-0.2	-0.1
4/10/2020 5:06 AM	-1.2	0.2	3.3	-0.2	-0.1
4/10/2020 5:12 AM	-1.3	0.2	3.3	-0.2	-0.1
4/10/2020 5:18 AM	-1.3	0.2	3.3	-0.2	-0.1
4/10/2020 5:24 AM	-1.3	0.2	3.3	-0.2	-0.1
4/10/2020 5:30 AM	-1.3	0.2	3.4	-0.2	-0.1
4/10/2020 5:36 AM	-1.3	0.3	3.5	-0.2	-0.1
4/10/2020 5:42 AM	-1.3	0.3	3.5	-0.2	-0.1
4/10/2020 5:48 AM	-1.2	0.4	3.3	-0.2	-0.1
4/10/2020 5:54 AM	-1.2	0.6	3.1	-0.2	-0.1
4/10/2020 6:00 AM	-1.3	0.8	3.1	-0.2	-0.1
4/10/2020 6:06 AM	-1.3	0.8	3.1	-0.3	-0.1
4/10/2020 6:12 AM	-1.3	0.7	3	-0.3	-0.1
4/10/2020 6:18 AM	-1.3	0.6	3	-0.3	-0.1
4/10/2020 6:24 AM	-1.2	0.5	3.1	-0.3	-0.1
4/10/2020 6:30 AM	-1.2	0.4	3.1	-0.3	-0.1
4/10/2020 6:36 AM	-1.2	0.4	3	-0.3	-0.1
4/10/2020 6:42 AM	-1.2	0.4	2.8	-0.3	-0.1
4/10/2020 6:48 AM	-1.2	0.3	2.7	-0.3	-0.1
4/10/2020 6:54 AM	-1.2	0.2	2.7	-0.3	-0.1
4/10/2020 7:00 AM	-1.2	0.1	2.7	-0.3	-0.1
4/10/2020 7:06 AM	-1.2	0	2.8	-0.3	-0.1
4/10/2020 7:12 AM	-1.2	0	2.7	-0.3	-0.1
4/10/2020 7:18 AM	-1.2	0	2.6	-0.3	-0.1
4/10/2020 7:24 AM	-1.2	0	3.5	-0.3	-0.1
4/10/2020 7:30 AM	-1.2	0	4.3	-0.3	-0.1
4/10/2020 7:36 AM	-1.1	0	4.3	-0.3	-0.1
4/10/2020 7:42 AM	-1.1	0	4.2	-0.3	-0.1
4/10/2020 7:48 AM	-1.1	0.1	4	-0.3	-0.1
4/10/2020 7:54 AM	-1.1	0.3	4.1	-0.3	-0.1
4/10/2020 8:00 AM	-1.1	0.3	4.3	-0.3	-0.1
4/10/2020 8:06 AM	-1.2	0.2	4.2	-0.3	-0.1
4/10/2020 8:12 AM	-1.1	0.2	4.2	-0.3	-0.1
4/10/2020 8:18 AM	-1.1	0.3	4.2	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/10/2020 8:24 AM	-1.1	0.3	4.4	-0.3	-0.1
4/10/2020 8:30 AM	-1.1	0.2	4	-0.3	-0.1
4/10/2020 8:36 AM	-1.1	0.2	3.4	-0.3	-0.1
4/10/2020 8:42 AM	-1.1	0.2	3.3	-0.3	-0.1
4/10/2020 8:48 AM	-1.1	0.3	3.3	-0.3	-0.1
4/10/2020 8:54 AM	-1.1	0.4	3.3	-0.3	-0.1
4/10/2020 9:00 AM	-1.1	0.4	3.3	-0.3	-0.1
4/10/2020 9:06 AM	-1.1	0.4	3.4	-0.3	-0.1
4/10/2020 9:12 AM	-1.1	0.4	3.5	-0.3	-0.1
4/10/2020 9:18 AM	-1.1	0.4	3.6	-0.3	-0.1
4/10/2020 9:24 AM	-1.1	0.5	3.6	-0.3	-0.1
4/10/2020 9:30 AM	-1.1	0.5	3.7	-0.3	-0.1
4/10/2020 9:36 AM	-1.1	0.5	3.7	-0.3	-0.1
4/10/2020 9:42 AM	-1.1	0.4	3.8	-0.3	-0.1
4/10/2020 9:48 AM	-1.1	0.4	4	-0.3	-0.1
4/10/2020 9:54 AM	-1.1	0.4	4	-0.3	-0.1
4/10/2020 10:00 AM	-1.1	0.5	4.1	-0.3	-0.1
4/10/2020 10:06 AM	-1.1	0.5	4.1	-0.3	-0.1
4/10/2020 10:12 AM	-1.1	0.5	4.2	-0.3	-0.1
4/10/2020 10:18 AM	-1.1	0.5	4.2	-0.3	-0.1
4/10/2020 10:24 AM	-1.1	0.6	4.2	-0.3	-0.1
4/10/2020 10:30 AM	-1.1	0.5	4.4	-0.3	-0.1
4/10/2020 10:36 AM	-1.1	0.5	4.4	-0.3	-0.1
4/10/2020 10:42 AM	-1.1	0.5	4.4	-0.3	-0.1
4/10/2020 10:48 AM	-1.1	0.5	4.4	-0.3	-0.1
4/10/2020 10:54 AM	-1.1	0.6	4.4	-0.3	-0.1
4/10/2020 11:00 AM	-1	0.6	4.4	-0.3	-0.1
4/10/2020 11:06 AM	-1.1	0.6	4.4	-0.3	-0.1
4/10/2020 11:12 AM	-1	0.6	4.3	-0.3	-0.1
4/10/2020 11:18 AM	-1	0.6	4.2	-0.3	-0.1
4/10/2020 11:24 AM	-1	0.6	4.3	-0.3	-0.1
4/10/2020 11:30 AM	-1	0.6	4.3	-0.3	-0.1
4/10/2020 11:36 AM	18.8	0.5	4.3	-0.3	-0.1
4/10/2020 11:42 AM	25.5	0.5	4.3	-0.3	-0.1
4/10/2020 11:48 AM	6.4	0.5	4.3	-0.3	-0.1
4/10/2020 11:54 AM	4	0.5	4.1	-0.3	-0.1
4/10/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/10/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/10/2020 12:12 PM	1.2	0.7	4.3	-0.2	0
4/10/2020 12:18 PM	0.7	0.7	4.3	-0.2	0
4/10/2020 12:24 PM	0.4	0.7	4.3	-0.2	0
4/10/2020 12:30 PM	0.4	0.6	4.2	-0.2	0
4/10/2020 12:36 PM	0.4	0.6	4.2	-0.2	0
4/10/2020 12:42 PM	0.4	0.6	4.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/10/2020 12:48 PM	0.3	0.6	4.3	-0.2	0
4/10/2020 12:54 PM	0.4	0.7	4.3	-0.2	0
4/10/2020 1:00 PM	0.6	0.6	4.3	-0.2	0
4/10/2020 1:06 PM	0.9	0.6	4	-0.2	0
4/10/2020 1:12 PM	0.9	0.7	3.6	-0.2	0
4/10/2020 1:18 PM	0.9	0.6	3.3	-0.2	0
4/10/2020 1:24 PM	0.9	0.5	3.3	-0.2	0
4/10/2020 1:30 PM	0.9	0.6	3.1	-0.2	0
4/10/2020 1:36 PM	0.8	0.6	2.9	-0.2	0
4/10/2020 1:42 PM	0.8	0.7	2.8	-0.2	0
4/10/2020 1:48 PM	0.7	0.8	2.7	-0.2	0
4/10/2020 1:54 PM	0.6	0.8	2.7	-0.2	0
4/10/2020 2:00 PM	0.6	0.9	2.7	-0.2	0
4/10/2020 2:06 PM	0.5	0.9	2.7	-0.2	0
4/10/2020 2:12 PM	0.4	0.8	2.7	-0.2	0
4/10/2020 2:18 PM	0.4	0.8	2.6	-0.2	0
4/10/2020 2:24 PM	0.3	0.8	2.6	-0.2	0
4/10/2020 2:30 PM	0.3	1	2.6	-0.2	0
4/10/2020 2:36 PM	0.2	1	2.6	-0.2	0
4/10/2020 2:42 PM	0.2	0.9	2.7	-0.2	0
4/10/2020 2:48 PM	0.1	0.9	2.8	-0.2	0
4/10/2020 2:54 PM	-0.2	0.9	3	-0.2	0
4/10/2020 3:00 PM	-0.5	0.9	3.3	-0.2	0
4/10/2020 3:06 PM	-0.6	1	3.5	-0.2	0
4/10/2020 3:12 PM	-0.6	0.9	3.7	-0.2	0
4/10/2020 3:18 PM	-0.6	0.9	3.8	-0.2	0
4/10/2020 3:24 PM	-0.6	0.9	3.9	-0.2	0
4/10/2020 3:30 PM	-0.6	0.9	3.9	-0.2	0
4/10/2020 3:36 PM	-0.6	0.9	3.9	-0.2	0
4/10/2020 3:42 PM	-0.6	0.9	4.1	-0.2	0
4/10/2020 3:48 PM	-0.6	0.9	4.1	-0.2	0
4/10/2020 3:54 PM	-0.6	0.9	4	-0.2	0
4/10/2020 4:00 PM	-0.6	0.9	4.1	-0.2	0
4/10/2020 4:06 PM	-0.6	0.9	4.2	-0.2	0
4/10/2020 4:12 PM	-0.6	0.9	4.2	-0.2	0
4/10/2020 4:18 PM	-0.6	0.9	4.3	-0.2	0
4/10/2020 4:24 PM	-0.6	1.1	4.9	-0.2	0
4/10/2020 4:30 PM	-0.6	1.1	5.2	-0.2	0
4/10/2020 4:36 PM	-0.6	1.1	5	-0.2	0
4/10/2020 4:42 PM	-0.6	1.1	4.9	-0.2	0
4/10/2020 4:48 PM	-0.6	1.1	4.9	-0.2	0
4/10/2020 4:54 PM	-0.5	1	4.9	-0.2	0
4/10/2020 5:00 PM	-0.5	0.9	4.8	-0.2	0
4/10/2020 5:06 PM	-0.6	0.9	4.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/10/2020 5:12 PM	-0.6	0.9	4.9	-0.2	0
4/10/2020 5:18 PM	-0.5	0.9	5	-0.2	0
4/10/2020 5:24 PM	-0.5	0.9	5	-0.2	0
4/10/2020 5:30 PM	-0.6	0.8	5	-0.2	0
4/10/2020 5:36 PM	-0.6	0.8	5	-0.2	0
4/10/2020 5:42 PM	-0.6	0.8	5	-0.2	0
4/10/2020 5:48 PM	-0.6	0.8	4.9	-0.2	0
4/10/2020 5:54 PM	-0.6	0.8	4.9	-0.2	0
4/10/2020 6:00 PM	-0.6	0.8	4.9	-0.2	0
4/10/2020 6:06 PM	-0.6	0.7	4.9	-0.2	0
4/10/2020 6:12 PM	-0.6	0.7	5	-0.2	0
4/10/2020 6:18 PM	-0.6	0.7	5	-0.2	0
4/10/2020 6:24 PM	-0.6	0.7	5	-0.2	0
4/10/2020 6:30 PM	-0.6	0.7	5	-0.2	0
4/10/2020 6:36 PM	-0.6	0.7	5.1	-0.2	0
4/10/2020 6:42 PM	-0.6	0.7	5	-0.2	0
4/10/2020 6:48 PM	-0.6	0.6	5.1	-0.2	0
4/10/2020 6:54 PM	-0.6	0.6	5.1	-0.2	0
4/10/2020 7:00 PM	-0.6	0.6	5.1	-0.2	0
4/10/2020 7:06 PM	-0.6	0.6	5.2	-0.2	0
4/10/2020 7:12 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 7:18 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 7:24 PM	-0.6	0.7	5.2	-0.2	0
4/10/2020 7:30 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 7:36 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 7:42 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 7:48 PM	-0.6	0.7	5.4	-0.2	0
4/10/2020 7:54 PM	-0.6	0.7	5.5	-0.2	0
4/10/2020 8:00 PM	-0.6	0.7	5.4	-0.2	0
4/10/2020 8:06 PM	-0.6	0.7	5.2	-0.2	0
4/10/2020 8:12 PM	-0.6	0.7	5	-0.2	0
4/10/2020 8:18 PM	-0.6	0.7	5	-0.2	0
4/10/2020 8:24 PM	-0.6	0.7	5.1	-0.2	0
4/10/2020 8:30 PM	-0.6	0.6	5.2	-0.2	0
4/10/2020 8:36 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 8:42 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 8:48 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 8:54 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 9:00 PM	-0.6	0.5	5.3	-0.2	0
4/10/2020 9:06 PM	-0.6	0.5	5.3	-0.2	0
4/10/2020 9:12 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 9:18 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 9:24 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 9:30 PM	-0.6	0.6	5.5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/10/2020 9:36 PM	-0.6	0.6	5.4	-0.2	0
4/10/2020 9:42 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 9:48 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 9:54 PM	-0.6	0.7	5.4	-0.2	0
4/10/2020 10:00 PM	-0.6	0.7	5.4	-0.2	0
4/10/2020 10:06 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 10:12 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 10:18 PM	-0.6	0.7	5.3	-0.2	0
4/10/2020 10:24 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 10:30 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 10:36 PM	-0.6	0.6	5.3	-0.2	0
4/10/2020 10:42 PM	-0.6	0.6	5.4	-0.2	0
4/10/2020 10:48 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 10:54 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 11:00 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:06 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:12 PM	-0.6	0.5	5.4	-0.2	0
4/10/2020 11:18 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:24 PM	-0.6	0.4	5.5	-0.2	0
4/10/2020 11:30 PM	-0.6	0.4	5.5	-0.2	0
4/10/2020 11:36 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:42 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:48 PM	-0.6	0.5	5.5	-0.2	0
4/10/2020 11:54 PM	-0.6	0.5	5.4	-0.2	0
4/11/2020 12:00 AM	-0.6	0.5	5.5	-0.2	0
4/11/2020 12:06 AM	-0.6	0.5	5.6	-0.2	0
4/11/2020 12:12 AM	-0.6	0.4	5.6	-0.2	0
4/11/2020 12:18 AM	-0.6	0.5	5.6	-0.2	0
4/11/2020 12:24 AM	-0.6	0.5	5.6	-0.2	0
4/11/2020 12:30 AM	-0.6	0.5	5.5	-0.2	0
4/11/2020 12:36 AM	-0.6	0.5	5.5	-0.2	0
4/11/2020 12:42 AM	-0.6	0.4	5.5	-0.2	0
4/11/2020 12:48 AM	-0.6	0.4	5.4	-0.2	0
4/11/2020 12:54 AM	-0.7	0.4	5.4	-0.2	0
4/11/2020 1:00 AM	-0.6	0.4	5.5	-0.2	0
4/11/2020 1:06 AM	-0.6	0.4	5.4	-0.2	0
4/11/2020 1:12 AM	-0.6	0.4	5.4	-0.2	0
4/11/2020 1:18 AM	-0.6	0.4	5.4	-0.2	0
4/11/2020 1:24 AM	-0.6	0.4	5.5	-0.2	0
4/11/2020 1:30 AM	-0.7	0.5	5.4	-0.2	0
4/11/2020 1:36 AM	-0.7	0.5	5.5	-0.2	0
4/11/2020 1:42 AM	-0.7	0.5	5.5	-0.2	0
4/11/2020 1:48 AM	-0.7	0.5	5.5	-0.2	0
4/11/2020 1:54 AM	-0.7	0.5	5.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/11/2020 2:00 AM	-0.7	0.5	4.7	-0.2	0
4/11/2020 2:06 AM	-0.7	0.5	4.3	-0.2	0
4/11/2020 2:12 AM	-0.7	0.5	4	-0.2	0
4/11/2020 2:18 AM	-0.7	0.5	3.8	-0.2	0
4/11/2020 2:24 AM	-0.7	0.5	3.7	-0.2	0
4/11/2020 2:30 AM	-0.7	0.5	3.7	-0.2	0
4/11/2020 2:36 AM	-0.7	0.5	3.4	-0.2	0
4/11/2020 2:42 AM	-0.7	0.5	3	-0.2	0
4/11/2020 2:48 AM	-0.7	0.5	2.9	-0.2	0
4/11/2020 2:54 AM	-0.7	0.5	2.8	-0.2	0
4/11/2020 3:00 AM	-0.7	0.5	2.8	-0.2	0
4/11/2020 3:06 AM	-0.7	0.5	2.8	-0.2	0
4/11/2020 3:12 AM	-0.7	0.5	2.8	-0.2	0
4/11/2020 3:18 AM	-0.7	0.5	2.9	-0.2	0
4/11/2020 3:24 AM	-0.7	0.5	2.9	-0.2	0
4/11/2020 3:30 AM	-0.7	0.5	2.9	-0.2	0
4/11/2020 3:36 AM	-0.7	0.5	2.9	-0.2	0
4/11/2020 3:42 AM	-0.7	0.4	2.9	-0.2	0
4/11/2020 3:48 AM	-0.7	0.4	2.7	-0.2	-0.1
4/11/2020 3:54 AM	-0.7	0.4	2.7	-0.2	0
4/11/2020 4:00 AM	-0.7	0.4	2.7	-0.2	0
4/11/2020 4:06 AM	-0.7	0.4	2.6	-0.2	-0.1
4/11/2020 4:12 AM	-0.7	0.4	2.6	-0.2	0
4/11/2020 4:18 AM	-0.7	0.4	2.6	-0.2	-0.1
4/11/2020 4:24 AM	-0.7	0.4	2.6	-0.2	-0.1
4/11/2020 4:30 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 4:36 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 4:42 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 4:48 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 4:54 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 5:00 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 5:06 AM	-0.7	0.4	2.5	-0.2	-0.1
4/11/2020 5:12 AM	-0.8	0.4	2.6	-0.2	-0.1
4/11/2020 5:18 AM	-0.8	0.4	2.6	-0.2	-0.1
4/11/2020 5:24 AM	-0.8	0.4	2.6	-0.2	-0.1
4/11/2020 5:30 AM	-0.8	0.4	2.6	-0.2	-0.1
4/11/2020 5:36 AM	-0.8	0.4	2.6	-0.2	-0.1
4/11/2020 5:42 AM	-0.8	0.5	2.6	-0.2	-0.1
4/11/2020 5:48 AM	-0.8	0.6	2.5	-0.2	-0.1
4/11/2020 5:54 AM	-0.8	0.9	2.4	-0.2	-0.1
4/11/2020 6:00 AM	-0.8	1	2.3	-0.2	-0.1
4/11/2020 6:06 AM	-0.8	1.1	2.3	-0.2	-0.1
4/11/2020 6:12 AM	-0.8	1	2.3	-0.2	-0.1
4/11/2020 6:18 AM	-0.8	0.9	2.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/11/2020 6:24 AM	-0.8	0.8	2.3	-0.2	-0.1
4/11/2020 6:30 AM	-0.8	0.6	2.4	-0.2	0
4/11/2020 6:36 AM	-0.8	0.6	2.4	-0.2	0
4/11/2020 6:42 AM	-0.8	0.5	2.4	-0.2	0
4/11/2020 6:48 AM	-0.7	0.4	2.4	-0.2	-0.1
4/11/2020 6:54 AM	-0.7	0.3	2.4	-0.2	-0.1
4/11/2020 7:00 AM	-0.7	0.2	2.5	-0.2	-0.1
4/11/2020 7:06 AM	-0.7	0.1	2.5	-0.2	-0.1
4/11/2020 7:12 AM	-0.7	0.1	2.5	-0.3	-0.1
4/11/2020 7:18 AM	-0.7	0.1	2.5	-0.3	-0.1
4/11/2020 7:24 AM	-0.7	0.1	2.5	-0.3	-0.1
4/11/2020 7:30 AM	-0.7	0	2.7	-0.3	-0.1
4/11/2020 7:36 AM	-0.7	-0.1	2.9	-0.3	-0.1
4/11/2020 7:42 AM	-0.7	-0.1	2.9	-0.3	-0.1
4/11/2020 7:48 AM	-0.6	0	2.8	-0.3	-0.1
4/11/2020 7:54 AM	-0.7	-0.1	2.9	-0.3	-0.1
4/11/2020 8:00 AM	-0.7	-0.1	2.8	-0.3	-0.1
4/11/2020 8:06 AM	-0.7	0.1	2.8	-0.3	-0.1
4/11/2020 8:12 AM	-0.7	0.2	2.8	-0.3	-0.1
4/11/2020 8:18 AM	-0.6	0.1	3	-0.3	-0.1
4/11/2020 8:24 AM	-0.6	0.1	2.9	-0.3	-0.1
4/11/2020 8:30 AM	-0.6	0	2.9	-0.3	-0.1
4/11/2020 8:36 AM	-0.6	0.1	2.9	-0.3	-0.1
4/11/2020 8:42 AM	-0.5	0.1	2.9	-0.2	-0.1
4/11/2020 8:48 AM	-0.5	0.1	2.9	-0.2	-0.1
4/11/2020 8:54 AM	-0.5	0	2.8	-0.2	-0.1
4/11/2020 9:00 AM	-0.5	0.1	2.8	-0.2	-0.1
4/11/2020 9:06 AM	-0.5	0.2	2.9	-0.2	-0.1
4/11/2020 9:12 AM	-0.5	0.3	3.1	-0.2	-0.1
4/11/2020 9:18 AM	-0.5	0.3	3.5	-0.2	-0.1
4/11/2020 9:24 AM	-0.5	0.3	4	-0.2	-0.1
4/11/2020 9:30 AM	-0.5	0.2	4	-0.2	-0.1
4/11/2020 9:36 AM	-0.5	0.1	4.2	-0.2	0
4/11/2020 9:42 AM	-0.6	0	4.4	-0.2	0
4/11/2020 9:48 AM	-0.5	-0.1	4.6	-0.2	0
4/11/2020 9:54 AM	-0.6	-0.1	4.6	-0.2	0
4/11/2020 10:00 AM	-0.6	0	4.5	-0.2	0
4/11/2020 10:06 AM	-0.6	0.1	4.6	-0.2	0
4/11/2020 10:12 AM	-0.6	0.2	4.8	-0.2	0
4/11/2020 10:18 AM	-0.6	0.3	5.1	-0.2	0
4/11/2020 10:24 AM	-0.6	0.4	5.5	-0.2	0
4/11/2020 10:30 AM	-0.6	0.4	5.7	-0.2	0
4/11/2020 10:36 AM	-0.6	0.5	6	-0.2	0
4/11/2020 10:42 AM	-0.6	0.5	6.2	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/11/2020 10:48 AM	-0.6	0.5	6.3	-0.2	0
4/11/2020 10:54 AM	-0.6	0.5	6.3	-0.2	0
4/11/2020 11:00 AM	-0.5	0.5	6.1	-0.2	0
4/11/2020 11:06 AM	-0.5	0.5	5.9	-0.2	0
4/11/2020 11:12 AM	-0.5	0.5	5.9	-0.2	0
4/11/2020 11:18 AM	-0.5	0.5	5.9	-0.2	0
4/11/2020 11:24 AM	-0.5	0.4	5.9	-0.2	0
4/11/2020 11:30 AM	-0.5	0.3	6	-0.2	0
4/11/2020 11:36 AM	-0.5	0.1	5.9	-0.2	0
4/11/2020 11:42 AM	-0.5	0.1	5.7	-0.2	0
4/11/2020 11:48 AM	-0.4	0.2	5.8	-0.2	0
4/11/2020 11:54 AM	-0.4	0.2	5.8	-0.2	0
4/11/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/11/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/11/2020 12:12 PM	-0.5	0.2	6.1	-0.3	0
4/11/2020 12:18 PM	-0.5	0.2	6.2	-0.3	0
4/11/2020 12:24 PM	-0.5	0.2	6.3	-0.3	0
4/11/2020 12:30 PM	-0.5	0.1	6.3	-0.3	0
4/11/2020 12:36 PM	-0.5	0.2	6.2	-0.3	0
4/11/2020 12:42 PM	-0.5	0.4	6	-0.3	0
4/11/2020 12:48 PM	21.1	0.5	5.7	-0.3	0
4/11/2020 12:54 PM	33.7	0.6	5.6	-0.3	0
4/11/2020 1:00 PM	13.7	0.7	5.6	-0.3	0
4/11/2020 1:06 PM	7.5	0.8	5.7	-0.3	0
4/11/2020 1:12 PM	4.4	0.8	5.8	-0.3	0
4/11/2020 1:18 PM	2.6	0.6	5.9	-0.3	0
4/11/2020 1:24 PM	1.6	0.5	5.7	-0.3	0
4/11/2020 1:30 PM	0.8	0.4	5.6	-0.3	0
4/11/2020 1:36 PM	0.5	0.3	5.7	-0.3	0
4/11/2020 1:42 PM	0.5	0.3	5.6	-0.3	0
4/11/2020 1:48 PM	0.4	0.4	5.5	-0.3	0
4/11/2020 1:54 PM	0.4	0.3	5.5	-0.3	0
4/11/2020 2:00 PM	0.4	0.4	5.4	-0.3	0
4/11/2020 2:06 PM	0.4	0.6	5.3	-0.3	0
4/11/2020 2:12 PM	0.4	0.7	5.2	-0.3	0
4/11/2020 2:18 PM	0.5	0.8	4.9	-0.3	0
4/11/2020 2:24 PM	0.8	0.9	4	-0.3	0
4/11/2020 2:30 PM	0.9	1	3.4	-0.3	0
4/11/2020 2:36 PM	0.9	0.9	3.1	-0.3	0
4/11/2020 2:42 PM	1	0.8	3	-0.3	0
4/11/2020 2:48 PM	1	0.7	3	-0.3	0
4/11/2020 2:54 PM	0.9	0.6	3	-0.3	0
4/11/2020 3:00 PM	0.9	0.4	3	-0.3	0
4/11/2020 3:06 PM	0.8	0.4	3	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/11/2020 3:12 PM	0.8	0.4	3	-0.3	0
4/11/2020 3:18 PM	0.7	0.5	3	-0.3	0
4/11/2020 3:24 PM	0.6	0.7	2.9	-0.3	0
4/11/2020 3:30 PM	0.5	0.9	2.9	-0.3	0
4/11/2020 3:36 PM	0.5	1.1	2.9	-0.3	0
4/11/2020 3:42 PM	0.4	1.2	2.9	-0.3	0
4/11/2020 3:48 PM	0.3	1.4	2.9	-0.3	0
4/11/2020 3:54 PM	0.3	1.5	2.9	-0.3	0
4/11/2020 4:00 PM	0.2	1.6	2.9	-0.3	0
4/11/2020 4:06 PM	0.2	1.7	2.9	-0.3	0
4/11/2020 4:12 PM	0.2	1.6	2.9	-0.3	0
4/11/2020 4:18 PM	0.2	1.5	2.9	-0.3	0
4/11/2020 4:24 PM	0.2	1.4	2.9	-0.3	0
4/11/2020 4:30 PM	0.2	1.3	2.9	-0.3	0
4/11/2020 4:36 PM	0.2	1.3	2.9	-0.3	0
4/11/2020 4:42 PM	0.2	1.2	3	-0.3	0
4/11/2020 4:48 PM	0.2	1.4	3	-0.3	0
4/11/2020 4:54 PM	0.2	1.4	3	-0.3	0
4/11/2020 5:00 PM	0.2	1.3	3	-0.3	0
4/11/2020 5:06 PM	0.2	1.1	3	-0.3	0
4/11/2020 5:12 PM	0.2	0.9	3	-0.3	0
4/11/2020 5:18 PM	0.2	0.8	3	-0.3	0
4/11/2020 5:24 PM	0.2	0.8	3	-0.3	0
4/11/2020 5:30 PM	0.2	0.8	3	-0.3	0
4/11/2020 5:36 PM	0.2	0.8	3	-0.3	0
4/11/2020 5:42 PM	0.2	0.9	2.8	-0.3	0
4/11/2020 5:48 PM	0.2	1	2.6	-0.3	0
4/11/2020 5:54 PM	0.2	1.1	2.5	-0.3	0
4/11/2020 6:00 PM	0.2	1.3	2.4	-0.3	0
4/11/2020 6:06 PM	0.2	1.5	2.4	-0.3	0
4/11/2020 6:12 PM	0.2	1.7	2.4	-0.3	0
4/11/2020 6:18 PM	0.2	1.9	2.3	-0.3	0
4/11/2020 6:24 PM	0.2	2	2.4	-0.3	0
4/11/2020 6:30 PM	0.2	1.9	2.4	-0.3	0
4/11/2020 6:36 PM	0.2	1.8	2.4	-0.3	0
4/11/2020 6:42 PM	0.2	1.6	2.4	-0.3	0
4/11/2020 6:48 PM	0.2	1.6	2.4	-0.3	0
4/11/2020 6:54 PM	0.2	1.6	2.4	-0.3	0
4/11/2020 7:00 PM	-0.1	1.6	2.8	-0.3	0
4/11/2020 7:06 PM	-0.5	1.6	3	-0.3	0
4/11/2020 7:12 PM	-0.5	1.6	3.2	-0.3	0
4/11/2020 7:18 PM	-0.6	1.6	3.4	-0.3	0
4/11/2020 7:24 PM	-0.6	1.6	3.5	-0.3	0
4/11/2020 7:30 PM	-0.6	1.6	3.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/11/2020 7:36 PM	-0.6	1.6	3.5	-0.3	0
4/11/2020 7:42 PM	-0.6	1.6	3.6	-0.3	0
4/11/2020 7:48 PM	-0.6	1.6	3.6	-0.3	0
4/11/2020 7:54 PM	-0.6	1.6	3.6	-0.3	0
4/11/2020 8:00 PM	-0.5	1.6	3.6	-0.3	0
4/11/2020 8:06 PM	-0.6	1.5	3.7	-0.3	0
4/11/2020 8:12 PM	-0.6	1.5	3.8	-0.3	0
4/11/2020 8:18 PM	-0.6	1.5	3.8	-0.3	0
4/11/2020 8:24 PM	-0.6	1.5	3.9	-0.3	0
4/11/2020 8:30 PM	-0.6	1.5	4	-0.3	0
4/11/2020 8:36 PM	-0.5	1.5	4.1	-0.3	0
4/11/2020 8:42 PM	-0.5	1.5	4.1	-0.3	0
4/11/2020 8:48 PM	-0.5	1.4	4.1	-0.3	0
4/11/2020 8:54 PM	-0.5	1.4	4.1	-0.3	0
4/11/2020 9:00 PM	-0.6	1.4	4.1	-0.3	0
4/11/2020 9:06 PM	-0.6	1.4	4.1	-0.3	0
4/11/2020 9:12 PM	-0.6	1.4	4.1	-0.3	0
4/11/2020 9:18 PM	-0.5	1.4	4.1	-0.3	0
4/11/2020 9:24 PM	-0.5	1.4	4.2	-0.3	0
4/11/2020 9:30 PM	-0.5	1.4	4.5	-0.3	0
4/11/2020 9:36 PM	-0.6	1.4	4.7	-0.3	0
4/11/2020 9:42 PM	-0.6	1.4	4.9	-0.3	0
4/11/2020 9:48 PM	-0.6	1.4	5.1	-0.3	0
4/11/2020 9:54 PM	-0.6	1.4	5.2	-0.3	0
4/11/2020 10:00 PM	-0.5	1.4	5.2	-0.3	0
4/11/2020 10:06 PM	-0.5	1.4	5.3	-0.3	0
4/11/2020 10:12 PM	-0.5	1.4	5.3	-0.3	0
4/11/2020 10:18 PM	-0.5	1.4	5.3	-0.3	0
4/11/2020 10:24 PM	-0.5	1.4	5.3	-0.3	0
4/11/2020 10:30 PM	-0.5	1.4	5.4	-0.3	0
4/11/2020 10:36 PM	-0.5	1.4	5.4	-0.3	0
4/11/2020 10:42 PM	-0.5	1.4	5.4	-0.3	0
4/11/2020 10:48 PM	-0.5	1.4	5.3	-0.3	0
4/11/2020 10:54 PM	-0.5	1.4	4.8	-0.3	0
4/11/2020 11:00 PM	-0.6	1.4	4.4	-0.3	0
4/11/2020 11:06 PM	-0.6	1.4	4.2	-0.3	0
4/11/2020 11:12 PM	-0.6	1.3	4.1	-0.3	0
4/11/2020 11:18 PM	-0.6	1.3	4.1	-0.3	0
4/11/2020 11:24 PM	-0.5	1.3	4.1	-0.3	0
4/11/2020 11:30 PM	-0.5	1.3	4.1	-0.3	0
4/11/2020 11:36 PM	-0.5	1.3	4	-0.3	0
4/11/2020 11:42 PM	-0.6	1.3	3.9	-0.3	0
4/11/2020 11:48 PM	-0.6	1.3	3.9	-0.3	0
4/11/2020 11:54 PM	-0.6	1.3	3.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 12:00 AM	-0.6	1.3	3.7	-0.3	0
4/12/2020 12:06 AM	-0.6	1.3	3.6	-0.3	0
4/12/2020 12:12 AM	-0.6	1.3	3.7	-0.3	0
4/12/2020 12:18 AM	-0.6	1.3	3.7	-0.3	0
4/12/2020 12:24 AM	-0.6	1.3	3.7	-0.3	0
4/12/2020 12:30 AM	-0.6	1.3	3.8	-0.3	0
4/12/2020 12:36 AM	-0.6	1.3	3.8	-0.3	0
4/12/2020 12:42 AM	-0.6	1.3	3.9	-0.3	0
4/12/2020 12:48 AM	-0.6	1.3	3.9	-0.3	0
4/12/2020 12:54 AM	-0.6	1.3	4	-0.3	0
4/12/2020 1:00 AM	-0.6	1.2	4	-0.3	0
4/12/2020 1:06 AM	-0.6	1.2	4	-0.3	0
4/12/2020 1:12 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:18 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:24 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:30 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:36 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:42 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 1:48 AM	-0.6	1.2	4	-0.3	0
4/12/2020 1:54 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 2:00 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 2:06 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 2:12 AM	-0.6	1.2	4.3	-0.3	0
4/12/2020 2:18 AM	-0.6	1.2	4.3	-0.3	0
4/12/2020 2:24 AM	-0.6	1.2	4.2	-0.3	0
4/12/2020 2:30 AM	-0.6	1.2	4.1	-0.3	0
4/12/2020 2:36 AM	-0.7	1.2	4	-0.3	0
4/12/2020 2:42 AM	-0.6	1.3	4	-0.2	0
4/12/2020 2:48 AM	-0.6	1.3	4.1	-0.2	0
4/12/2020 2:54 AM	-0.6	1.4	4.1	-0.2	0
4/12/2020 3:00 AM	-0.6	1.4	4	-0.2	0
4/12/2020 3:06 AM	-0.7	1.4	4	-0.2	0
4/12/2020 3:12 AM	-0.7	1.3	4	-0.2	0
4/12/2020 3:18 AM	-0.6	1.3	4	-0.2	0
4/12/2020 3:24 AM	-0.7	1.2	3.9	-0.3	0
4/12/2020 3:30 AM	-0.7	1.2	3.9	-0.3	0
4/12/2020 3:36 AM	-0.7	1.2	3.9	-0.3	0
4/12/2020 3:42 AM	-0.6	1.2	3.8	-0.3	0
4/12/2020 3:48 AM	-0.7	1.2	3.8	-0.3	0
4/12/2020 3:54 AM	-0.6	1.2	3.9	-0.3	0
4/12/2020 4:00 AM	-0.6	1.2	3.9	-0.3	0
4/12/2020 4:06 AM	-0.7	1.2	3.9	-0.3	0
4/12/2020 4:12 AM	-0.6	1.2	3.9	-0.3	0
4/12/2020 4:18 AM	-0.6	1.2	4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 4:24 AM	-0.6	1.2	4.3	-0.3	0
4/12/2020 4:30 AM	-0.6	1.2	4.5	-0.3	0
4/12/2020 4:36 AM	-0.7	1.2	4.5	-0.3	0
4/12/2020 4:42 AM	-0.6	1.3	4.6	-0.3	0
4/12/2020 4:48 AM	-0.6	1.3	4.6	-0.3	0
4/12/2020 4:54 AM	-0.6	1.3	4.7	-0.3	0
4/12/2020 5:00 AM	-0.7	1.3	4.7	-0.3	0
4/12/2020 5:06 AM	-0.6	1.3	4.8	-0.3	0
4/12/2020 5:12 AM	-0.6	1.2	4.8	-0.3	0
4/12/2020 5:18 AM	-0.6	1.2	4.8	-0.3	0
4/12/2020 5:24 AM	-0.6	1.3	4.9	-0.3	0
4/12/2020 5:30 AM	-0.6	1.3	5.1	-0.3	0
4/12/2020 5:36 AM	-0.6	1.3	5.1	-0.3	0
4/12/2020 5:42 AM	-0.6	1.4	5.1	-0.3	0
4/12/2020 5:48 AM	-0.6	1.5	5	-0.3	0
4/12/2020 5:54 AM	-0.7	1.6	4.8	-0.3	0
4/12/2020 6:00 AM	-0.7	1.6	4.6	-0.3	0
4/12/2020 6:06 AM	-0.6	1.6	4.7	-0.3	0
4/12/2020 6:12 AM	-0.6	1.5	4.7	-0.3	0
4/12/2020 6:18 AM	-0.6	1.5	4.7	-0.3	0
4/12/2020 6:24 AM	-0.6	1.3	4.8	-0.3	0
4/12/2020 6:30 AM	-0.6	1.2	4.8	-0.3	0
4/12/2020 6:36 AM	-0.6	1.1	4.7	-0.3	0
4/12/2020 6:42 AM	-0.6	1	4.3	-0.3	0
4/12/2020 6:48 AM	-0.6	0.9	3.9	-0.3	0
4/12/2020 6:54 AM	-0.6	0.8	3.5	-0.3	0
4/12/2020 7:00 AM	-0.6	0.7	3.1	-0.3	0
4/12/2020 7:06 AM	-0.6	0.6	2.8	-0.3	0
4/12/2020 7:12 AM	-0.6	0.4	2.9	-0.3	0
4/12/2020 7:18 AM	-0.6	0.2	2.8	-0.3	0
4/12/2020 7:24 AM	-0.6	0.3	2.7	-0.3	0
4/12/2020 7:30 AM	-0.6	0.5	2.7	-0.3	0
4/12/2020 7:36 AM	-0.6	0.4	2.7	-0.3	0
4/12/2020 7:42 AM	-0.6	0.2	2.7	-0.3	0
4/12/2020 7:48 AM	-0.6	0	2.6	-0.3	0
4/12/2020 7:54 AM	-0.6	0.2	2.9	-0.3	0
4/12/2020 8:00 AM	-0.6	0.4	3.1	-0.3	0
4/12/2020 8:06 AM	-0.6	0.6	3	-0.4	0
4/12/2020 8:12 AM	-0.6	0.7	2.9	-0.4	0
4/12/2020 8:18 AM	-0.6	0.8	2.8	-0.4	0
4/12/2020 8:24 AM	-0.5	0.7	2.8	-0.4	0
4/12/2020 8:30 AM	-0.5	0.5	2.8	-0.4	0
4/12/2020 8:36 AM	-0.5	0.3	2.7	-0.4	0
4/12/2020 8:42 AM	-0.5	0.1	2.7	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 8:48 AM	-0.5	0	2.8	-0.4	0
4/12/2020 8:54 AM	-0.4	-0.1	2.8	-0.4	0
4/12/2020 9:00 AM	-0.4	-0.1	3	-0.4	0
4/12/2020 9:06 AM	-0.4	-0.1	3.4	-0.4	0
4/12/2020 9:12 AM	-0.4	0	3.3	-0.4	0
4/12/2020 9:18 AM	-0.4	0	3	-0.4	0
4/12/2020 9:24 AM	-0.4	0	2.9	-0.3	0
4/12/2020 9:30 AM	-0.4	0	2.9	-0.4	0
4/12/2020 9:36 AM	-0.4	0	2.9	-0.4	0
4/12/2020 9:42 AM	-0.4	0	3	-0.3	0
4/12/2020 9:48 AM	-0.4	0	3	-0.3	0
4/12/2020 9:54 AM	-0.4	0.1	2.9	-0.3	0
4/12/2020 10:00 AM	-0.4	0.1	2.9	-0.3	0
4/12/2020 10:06 AM	-0.4	0.2	3.1	-0.3	0
4/12/2020 10:12 AM	-0.4	0.2	3.3	-0.3	0
4/12/2020 10:18 AM	-0.4	0.3	3.5	-0.3	0
4/12/2020 10:24 AM	-0.5	0.3	3.6	-0.3	0
4/12/2020 10:30 AM	-0.4	0.4	3.6	-0.3	0
4/12/2020 10:36 AM	-0.4	0.5	3.5	-0.3	0
4/12/2020 10:42 AM	-0.4	0.6	3.5	-0.4	0
4/12/2020 10:48 AM	-0.4	0.7	3.4	-0.3	0
4/12/2020 10:54 AM	-0.4	0.9	3.3	-0.3	0
4/12/2020 11:00 AM	-0.4	1	3.3	-0.3	0
4/12/2020 11:06 AM	-0.4	1	3.4	-0.3	0
4/12/2020 11:12 AM	-0.5	1.1	3.4	-0.3	0
4/12/2020 11:18 AM	-0.5	1.2	3.5	-0.3	0
4/12/2020 11:24 AM	-0.5	1.2	3.5	-0.3	0
4/12/2020 11:30 AM	-0.5	1.2	3.6	-0.3	0
4/12/2020 11:36 AM	-0.5	1.2	3.7	-0.3	0
4/12/2020 11:42 AM	-0.4	1.2	3.7	-0.3	0
4/12/2020 11:48 AM	-0.5	1.2	3.7	-0.3	0
4/12/2020 11:54 AM	-0.5	1.2	3.6	-0.3	0
4/12/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/12/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/12/2020 12:12 PM	-0.5	1.2	3.8	-0.3	0
4/12/2020 12:18 PM	-0.5	1.1	3.9	-0.3	0
4/12/2020 12:24 PM	-0.5	1.1	3.9	-0.3	0
4/12/2020 12:30 PM	21.8	1	3.9	-0.3	0
4/12/2020 12:36 PM	26.7	1	3.8	-0.3	0
4/12/2020 12:42 PM	5.2	1	3.8	-0.3	0
4/12/2020 12:48 PM	3.7	1	3.7	-0.3	10.1
4/12/2020 12:54 PM	3.4	1	3.5	-0.3	16.4
4/12/2020 1:00 PM	1.8	1	3.3	10.2	7.2
4/12/2020 1:06 PM	0.7	1.1	3.3	16.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 1:12 PM	0.5	1.1	3.4	7.7	1.4
4/12/2020 1:18 PM	0.5	1.1	3.5	4.2	0.8
4/12/2020 1:24 PM	0.5	1	3.8	2.5	0.6
4/12/2020 1:30 PM	0.5	0.6	4.1	1.3	0.5
4/12/2020 1:36 PM	0.4	0.3	4.1	0.6	0.3
4/12/2020 1:42 PM	0.4	0.2	4.2	0.2	0.2
4/12/2020 1:48 PM	0.4	0.1	4.3	0	0.1
4/12/2020 1:54 PM	0.4	0	4.3	-0.1	0.1
4/12/2020 2:00 PM	0.5	0	4.3	-0.1	0.1
4/12/2020 2:06 PM	0.8	0.2	3.9	-0.2	0.1
4/12/2020 2:12 PM	0.9	0.3	3.4	-0.2	0.1
4/12/2020 2:18 PM	1	0.3	3.1	-0.1	0.1
4/12/2020 2:24 PM	1	0.4	2.9	-0.1	0.1
4/12/2020 2:30 PM	0.9	0.4	2.8	-0.1	0.1
4/12/2020 2:36 PM	0.9	0.4	2.7	-0.2	0
4/12/2020 2:42 PM	0.9	0.4	2.7	-0.2	0
4/12/2020 2:48 PM	0.8	0.5	2.6	-0.2	0
4/12/2020 2:54 PM	0.7	0.6	2.5	-0.2	0
4/12/2020 3:00 PM	0.7	0.5	2.6	-0.3	0
4/12/2020 3:06 PM	0.6	0.5	2.6	-0.3	0
4/12/2020 3:12 PM	0.5	0.5	2.6	-0.3	0
4/12/2020 3:18 PM	0.4	0.6	2.6	-0.3	0
4/12/2020 3:24 PM	0.4	0.7	2.6	-0.3	0
4/12/2020 3:30 PM	0.3	0.7	2.6	-0.3	0
4/12/2020 3:36 PM	0.3	0.7	2.6	-0.3	0
4/12/2020 3:42 PM	0.3	0.8	2.5	-0.4	0
4/12/2020 3:48 PM	0.3	0.8	2.4	-0.3	0
4/12/2020 3:54 PM	0.3	0.9	2.4	-0.3	0
4/12/2020 4:00 PM	0.3	0.9	2.4	-0.3	0
4/12/2020 4:06 PM	0.3	0.9	2.3	-0.3	0
4/12/2020 4:12 PM	0.3	0.8	2.3	-0.3	0
4/12/2020 4:18 PM	0.3	0.8	2.3	-0.3	0
4/12/2020 4:24 PM	0.3	0.7	2.3	-0.3	0
4/12/2020 4:30 PM	0.3	0.7	2.3	-0.3	0
4/12/2020 4:36 PM	0.2	0.6	2.3	-0.3	0
4/12/2020 4:42 PM	0.2	0.5	2.3	-0.3	0
4/12/2020 4:48 PM	0.2	0.4	2.3	-0.3	0
4/12/2020 4:54 PM	0.2	0.4	2.5	-0.3	0
4/12/2020 5:00 PM	-0.1	0.4	2.7	-0.3	0
4/12/2020 5:06 PM	-0.4	0.4	2.9	-0.3	0
4/12/2020 5:12 PM	-0.4	0.5	3.7	-0.3	0
4/12/2020 5:18 PM	-0.4	0.7	4.5	-0.3	0
4/12/2020 5:24 PM	-0.4	0.9	4.4	-0.3	0
4/12/2020 5:30 PM	-0.4	1	4.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 5:36 PM	-0.4	1	4.5	-0.3	0
4/12/2020 5:42 PM	-0.4	1	4.5	-0.3	0
4/12/2020 5:48 PM	-0.4	1	4.7	-0.3	0
4/12/2020 5:54 PM	-0.4	1.1	4.7	-0.3	0
4/12/2020 6:00 PM	-0.4	1.2	4.8	-0.3	0
4/12/2020 6:06 PM	-0.4	1.4	5	-0.3	0
4/12/2020 6:12 PM	-0.4	1.4	5.1	-0.3	0
4/12/2020 6:18 PM	-0.4	1.5	5.1	-0.3	0
4/12/2020 6:24 PM	-0.4	1.6	5.1	-0.3	0
4/12/2020 6:30 PM	-0.4	1.6	5.1	-0.3	0
4/12/2020 6:36 PM	-0.4	1.6	5.1	-0.3	0
4/12/2020 6:42 PM	-0.4	1.6	5.2	-0.3	0
4/12/2020 6:48 PM	-0.4	1.6	5.3	-0.3	0
4/12/2020 6:54 PM	-0.5	1.6	5.3	-0.3	0
4/12/2020 7:00 PM	-0.5	1.6	5.2	-0.3	0
4/12/2020 7:06 PM	-0.5	1.6	5.1	-0.3	0
4/12/2020 7:12 PM	-0.5	1.6	5.1	-0.3	0
4/12/2020 7:18 PM	-0.5	1.6	5	-0.3	0
4/12/2020 7:24 PM	-0.5	1.7	5	-0.3	0
4/12/2020 7:30 PM	-0.5	1.7	5	-0.3	0
4/12/2020 7:36 PM	-0.5	1.7	4.9	-0.3	0
4/12/2020 7:42 PM	-0.5	1.7	5.1	-0.3	0
4/12/2020 7:48 PM	-0.5	1.7	5.1	-0.3	0
4/12/2020 7:54 PM	-0.5	1.7	5	-0.3	0
4/12/2020 8:00 PM	-0.5	1.7	5	-0.3	0
4/12/2020 8:06 PM	-0.4	1.7	5.1	-0.3	8.3
4/12/2020 8:12 PM	-0.4	1.7	5.1	15.1	11.7
4/12/2020 8:18 PM	-0.5	1.7	5	13.6	2.5
4/12/2020 8:24 PM	-0.5	1.7	4.9	1.8	1
4/12/2020 8:30 PM	-0.5	1.7	5	0.6	0.6
4/12/2020 8:36 PM	-0.5	1.7	5	0.3	0.4
4/12/2020 8:42 PM	-0.5	1.7	5	0	0.2
4/12/2020 8:48 PM	-0.5	1.7	5	-0.1	0.2
4/12/2020 8:54 PM	-0.5	1.7	5	-0.2	0.1
4/12/2020 9:00 PM	-0.5	1.7	5.2	-0.3	0.1
4/12/2020 9:06 PM	-0.5	1.7	5.3	-0.3	0.1
4/12/2020 9:12 PM	-0.5	1.7	5.2	-0.3	0.1
4/12/2020 9:18 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 9:24 PM	-0.5	1.7	5.1	-0.3	0
4/12/2020 9:30 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 9:36 PM	-0.6	1.7	5.2	-0.3	0
4/12/2020 9:42 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 9:48 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 9:54 PM	-0.5	1.7	5.2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/12/2020 10:00 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 10:06 PM	-0.5	1.7	5.3	-0.3	0
4/12/2020 10:12 PM	-0.5	1.7	5.2	-0.3	0
4/12/2020 10:18 PM	-0.6	1.7	5.2	-0.3	0
4/12/2020 10:24 PM	-0.5	1.8	5.1	-0.3	0
4/12/2020 10:30 PM	-0.5	1.8	5	-0.3	0
4/12/2020 10:36 PM	-0.5	1.8	5	-0.3	0
4/12/2020 10:42 PM	-0.5	1.8	5.1	-0.3	0
4/12/2020 10:48 PM	-0.5	1.8	5.1	-0.3	0
4/12/2020 10:54 PM	-0.5	1.8	5.2	-0.3	0
4/12/2020 11:00 PM	-0.5	1.8	5.2	-0.3	0
4/12/2020 11:06 PM	2	1.8	5.2	-0.3	0
4/12/2020 11:12 PM	3.1	1.8	4.7	-0.3	0
4/12/2020 11:18 PM	1.1	1.8	4.1	-0.3	0
4/12/2020 11:24 PM	0.8	1.8	3.7	-0.3	0
4/12/2020 11:30 PM	0.7	1.8	3.3	-0.3	0
4/12/2020 11:36 PM	0.7	1.8	3	-0.3	0
4/12/2020 11:42 PM	0.6	1.8	2.9	-0.3	0
4/12/2020 11:48 PM	0.6	1.7	2.8	-0.3	0
4/12/2020 11:54 PM	0.6	1.8	2.7	-0.3	0
4/13/2020 12:00 AM	0.5	1.8	2.7	-0.3	0
4/13/2020 12:06 AM	0.5	1.8	3.1	-0.3	0
4/13/2020 12:12 AM	0.4	1.9	3.1	-0.3	0
4/13/2020 12:18 AM	0.4	2.1	3	-0.3	0
4/13/2020 12:24 AM	0.4	2.2	2.9	-0.3	0
4/13/2020 12:30 AM	0.6	2.3	2.9	-0.3	0
4/13/2020 12:36 AM	0.7	2.4	2.9	-0.3	0
4/13/2020 12:42 AM	0.8	2.4	2.9	-0.3	0
4/13/2020 12:48 AM	0.9	2.5	2.9	-0.3	0
4/13/2020 12:54 AM	0.9	2.5	2.5	-0.3	0
4/13/2020 1:00 AM	0.8	2.6	2.1	-0.3	0
4/13/2020 1:06 AM	0.8	2.5	2.1	-0.3	0
4/13/2020 1:12 AM	0.9	2.5	2.1	-0.3	0
4/13/2020 1:18 AM	0.9	2.4	2.1	-0.2	0.1
4/13/2020 1:24 AM	0.8	2.4	2.1	-0.2	0.1
4/13/2020 1:30 AM	0.8	2.3	2.1	-0.2	0.1
4/13/2020 1:36 AM	0.7	2.2	2.2	-0.2	0.1
4/13/2020 1:42 AM	0.7	2.2	2.3	-0.2	0.1
4/13/2020 1:48 AM	0.7	2.1	2.9	-0.2	0.1
4/13/2020 1:54 AM	0.6	2.1	3.5	-0.2	0.1
4/13/2020 2:00 AM	0.5	2	3.3	-0.2	0.1
4/13/2020 2:06 AM	0.5	2	3.4	-0.2	0.1
4/13/2020 2:12 AM	0.4	2	3.4	-0.2	0.1
4/13/2020 2:18 AM	0.4	2	3.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/13/2020 2:24 AM	0.4	1.9	3.7	-0.2	0.1
4/13/2020 2:30 AM	0.3	1.9	3.9	-0.2	0.1
4/13/2020 2:36 AM	0.3	1.9	3.9	-0.2	0.1
4/13/2020 2:42 AM	0.3	1.9	4	-0.2	0.1
4/13/2020 2:48 AM	0.2	1.9	4.2	-0.2	0.1
4/13/2020 2:54 AM	0.2	1.9	4.2	-0.2	0.1
4/13/2020 3:00 AM	0.2	1.9	4.1	-0.2	0.1
4/13/2020 3:06 AM	0.2	1.9	4.1	-0.2	0.1
4/13/2020 3:12 AM	0.3	1.9	4.1	-0.2	0.1
4/13/2020 3:18 AM	0.2	1.9	4.2	-0.2	0.1
4/13/2020 3:24 AM	0.2	1.9	4.2	-0.2	0.1
4/13/2020 3:30 AM	0.2	1.9	4.1	-0.2	0.1
4/13/2020 3:36 AM	0.2	1.9	4	-0.2	0.1
4/13/2020 3:42 AM	0.1	1.9	4	-0.2	0.1
4/13/2020 3:48 AM	0.1	1.9	4.1	-0.2	0.1
4/13/2020 3:54 AM	0.1	1.9	4.3	-0.2	0.1
4/13/2020 4:00 AM	0.1	2	4.3	-0.2	0.1
4/13/2020 4:06 AM	0.3	2	4.3	-0.2	0.1
4/13/2020 4:12 AM	0.3	2.1	4.4	-0.2	0.1
4/13/2020 4:18 AM	0.3	2.1	4.5	-0.2	0.1
4/13/2020 4:24 AM	0.6	2.2	4.6	-0.2	0.1
4/13/2020 4:30 AM	0.8	2.2	4.8	-0.2	15.1
4/13/2020 4:36 AM	0.5	2.2	4.9	-0.2	19.6
4/13/2020 4:42 AM	0.5	2.2	4.9	-0.2	11.6
4/13/2020 4:48 AM	0.5	2.2	4.9	-0.2	10.9
4/13/2020 4:54 AM	0.3	2.3	4.9	-0.2	12.4
4/13/2020 5:00 AM	0.3	2.4	5	-0.2	13.4
4/13/2020 5:06 AM	0.3	2.4	5.3	-0.2	10.4
4/13/2020 5:12 AM	0.3	2.5	5.3	-0.2	9.5
4/13/2020 5:18 AM	0.3	2.5	5.1	-0.2	8.8
4/13/2020 5:24 AM	0.3	2.5	4.9	-0.2	8.7
4/13/2020 5:30 AM	0.3	2.5	4.7	-0.2	9
4/13/2020 5:36 AM	0.3	2.5	4.6	-0.2	9.3
4/13/2020 5:42 AM	0.3	2.5	4.5	-0.2	9.2
4/13/2020 5:48 AM	0.4	2.5	4.4	-0.2	8.9
4/13/2020 5:54 AM	0.3	2.6	4.3	-0.2	8.4
4/13/2020 6:00 AM	0.3	2.6	4.4	-0.2	7.9
4/13/2020 6:06 AM	0.4	2.6	4.4	-0.1	7.4
4/13/2020 6:12 AM	0.5	2.6	4.5	-0.1	7.1
4/13/2020 6:18 AM	0.5	2.5	4.7	-0.1	7
4/13/2020 6:24 AM	0.4	2.4	4.7	-0.1	7
4/13/2020 6:30 AM	0.3	2.4	4.6	1.2	6.9
4/13/2020 6:36 AM	0.3	2.3	4.7	19.3	6.8
4/13/2020 6:42 AM	0.3	2.2	4.8	27.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/13/2020 6:48 AM	0.3	2.2	4.6	25.9	6.9
4/13/2020 6:54 AM	0.3	2.1	4.1	22.1	6.6
4/13/2020 7:00 AM	0.3	2	3.9	18	6.4
4/13/2020 7:06 AM	0.3	2	3.9	17.1	6.1
4/13/2020 7:12 AM	0.4	1.9	4	16.7	5.9
4/13/2020 7:18 AM	0.4	1.9	4.1	19.1	6
4/13/2020 7:24 AM	0.4	1.9	4.1	20.3	6.2
4/13/2020 7:30 AM	0.4	1.9	4.1	18.2	6.4
4/13/2020 7:36 AM	0.4	1.8	4.1	16	6.3
4/13/2020 7:42 AM	0.4	1.8	4.1	15.4	6.5
4/13/2020 7:48 AM	0.5	1.8	4.2	14.9	6.5
4/13/2020 7:54 AM	0.4	1.8	4.2	13.9	6.3
4/13/2020 8:00 AM	0.5	1.8	4.3	14.2	6.1
4/13/2020 8:06 AM	0.5	1.9	4.4	14.7	6
4/13/2020 8:12 AM	0.5	1.9	4.4	13.9	6.2
4/13/2020 8:18 AM	0.5	1.9	4.5	13.4	6.3
4/13/2020 8:24 AM	0.5	2	4.4	13	6.4
4/13/2020 8:30 AM	0.4	2	4.5	12.8	6.3
4/13/2020 8:36 AM	0.4	2	4.6	12.9	6.2
4/13/2020 8:42 AM	0.5	2	4.5	12.8	6.4
4/13/2020 8:48 AM	0.5	2	4.5	13	6.5
4/13/2020 8:54 AM	0.5	2.1	4.4	10.2	6.4
4/13/2020 9:00 AM	0.5	2	4.2	9.4	6.4
4/13/2020 9:06 AM	0.5	2	4.2	10.3	6.3
4/13/2020 9:12 AM	0.3	2	4.4	9.7	6.1
4/13/2020 9:18 AM	0.1	2	4.2	9.7	5.9
4/13/2020 9:24 AM	0.1	2	4.2	9.2	5.6
4/13/2020 9:30 AM	0.2	2	4.4	8.7	5.5
4/13/2020 9:36 AM	0.3	2	4.4	9.2	6
4/13/2020 9:42 AM	0.4	2	4.4	10	6.1
4/13/2020 9:48 AM	0.6	2.1	4.5	10.1	6
4/13/2020 9:54 AM	0.7	2	4.5	10.1	5.9
4/13/2020 10:00 AM	0.5	2	4.4	11	5.8
4/13/2020 10:06 AM	-0.1	2.1	4.5	11.5	5.6
4/13/2020 10:12 AM	-0.5	2.1	4.4	10.8	5.7
4/13/2020 10:18 AM	-0.6	2.1	4.3	10.6	5.8
4/13/2020 10:24 AM	-0.6	1.9	4.3	10.7	5.7
4/13/2020 10:30 AM	-0.7	1.8	4.2	10.8	5.8
4/13/2020 10:36 AM	-0.7	1.9	4.1	10.9	5.9
4/13/2020 10:42 AM	-0.7	2	4.1	11	5.9
4/13/2020 10:48 AM	-0.6	2	4.2	11.2	6
4/13/2020 10:54 AM	-0.7	2.1	4.2	11.4	6.2
4/13/2020 11:00 AM	-0.6	2.1	4.1	11.2	6.1
4/13/2020 11:06 AM	-0.6	2.2	4	11.1	5.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/13/2020 11:12 AM	-0.6	2.1	3.8	10.8	5.6
4/13/2020 11:18 AM	-0.6	2.1	3.8	10.3	5.8
4/13/2020 11:24 AM	-0.6	2.2	3.8	10.3	6
4/13/2020 11:30 AM	-0.6	2.2	3.7	10.7	6.1
4/13/2020 11:36 AM	-0.6	2.2	3.7	10.7	6.1
4/13/2020 11:42 AM	-0.6	2.2	3.7	11	6.1
4/13/2020 11:48 AM	-0.6	2.3	3.6	11.4	6.2
4/13/2020 11:54 AM	-0.6	2.3	3.6	11.9	6.3
4/13/2020 12:00 PM	-0.8	Calib	Calib	Calib	Calib
4/13/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/13/2020 12:12 PM	OutCal	1.5	3.2	11.5	5.7
4/13/2020 12:18 PM	OutCal	1.6	3.2	10.6	5.7
4/13/2020 12:24 PM	OutCal	1.6	3.2	10.4	5.6
4/13/2020 12:30 PM	OutCal	1.5	3.2	10.8	5.5
4/13/2020 12:36 PM	OutCal	1.3	3.3	11	5.6
4/13/2020 12:42 PM	OutCal	1.1	3.4	10.5	5.6
4/13/2020 12:48 PM	OutCal	1.1	3.5	10.5	5.7
4/13/2020 12:54 PM	OutCal	1.3	3.5	10.8	5.9
4/13/2020 1:00 PM	OutCal	1.3	3.4	10.9	5.9
4/13/2020 1:06 PM	OutCal	1.3	3.2	11.4	5.9
4/13/2020 1:12 PM	OutCal	1.3	3.2	11.7	6
4/13/2020 1:18 PM	OutCal	1.3	3.2	11.7	6
4/13/2020 1:24 PM	OutCal	1.4	3.1	11.3	5.9
4/13/2020 1:30 PM	OutCal	1.5	3.1	10.9	5.8
4/13/2020 1:36 PM	OutCal	1.5	3.3	10.8	5.7
4/13/2020 1:42 PM	OutCal	1.5	3.5	11	5.8
4/13/2020 1:48 PM	OutCal	1.5	3.5	11.6	6
4/13/2020 1:54 PM	OutCal	1.5	3.6	11.5	6.2
4/13/2020 2:00 PM	OutCal	1.5	3.5	11.8	6.2
4/13/2020 2:06 PM	OutCal	1.4	3.4	12	6
4/13/2020 2:12 PM	OutCal	1.4	3.3	11.3	5.8
4/13/2020 2:18 PM	OutCal	1.3	3.3	11.1	5.7
4/13/2020 2:24 PM	OutCal	1.3	3.3	11.2	5.6
4/13/2020 2:30 PM	OutCal	1.3	3.3	10.7	5.6
4/13/2020 2:36 PM	OutCal	1.3	3.3	10.1	5.5
4/13/2020 2:42 PM	OutCal	1.3	3.3	10.1	5.7
4/13/2020 2:48 PM	OutCal	1.3	3.2	10.3	5.9
4/13/2020 2:54 PM	OutCal	1.3	3.3	10.4	5.7
4/13/2020 3:00 PM	OutCal	1.3	3.4	10.4	5.4
4/13/2020 3:06 PM	OutCal	1.2	3.5	10.5	5.4
4/13/2020 3:12 PM	OutCal	1.2	3.7	10.3	5.6
4/13/2020 3:18 PM	OutCal	1.1	3.7	10.5	5.4
4/13/2020 3:24 PM	OutCal	1.1	3.7	10.6	5.5
4/13/2020 3:30 PM	OutCal	1	3.7	10.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/13/2020 3:36 PM	OutCal	1	3.8	10.8	5.7
4/13/2020 3:42 PM	OutCal	1	3.9	10.5	5.6
4/13/2020 3:48 PM	OutCal	1	3.9	10.2	5.5
4/13/2020 3:54 PM	OutCal	1	3.9	10.4	5.6
4/13/2020 4:00 PM	OutCal	1	3.8	10.4	5.9
4/13/2020 4:06 PM	OutCal	1	3.9	10.3	6
4/13/2020 4:12 PM	OutCal	1	4	10	5.8
4/13/2020 4:18 PM	OutCal	1	3.9	10.1	5.5
4/13/2020 4:24 PM	OutCal	1.1	3.3	10.3	5.4
4/13/2020 4:30 PM	OutCal	1.2	2.5	10.6	5.7
4/13/2020 4:36 PM	OutCal	1.2	2.4	10.8	5.8
4/13/2020 4:42 PM	OutCal	1.2	3	9.9	6.1
4/13/2020 4:48 PM	OutCal	1.3	3.4	9.4	5.9
4/13/2020 4:54 PM	OutCal	1.4	3.2	9.4	5.6
4/13/2020 5:00 PM	OutCal	1.4	3.4	9.6	5.6
4/13/2020 5:06 PM	OutCal	1.2	3.6	9.8	5.7
4/13/2020 5:12 PM	OutCal	0.7	3.8	10.2	5.9
4/13/2020 5:18 PM	OutCal	0.3	3.8	10.7	6.1
4/13/2020 5:24 PM	OutCal	0.2	3.8	10.6	6
4/13/2020 5:30 PM	OutCal	0.2	3.9	10.6	5.9
4/13/2020 5:36 PM	OutCal	0.3	4	10.3	5.8
4/13/2020 5:42 PM	OutCal	0.6	4	10.7	5.6
4/13/2020 5:48 PM	OutCal	0.8	4	11.4	6
4/13/2020 5:54 PM	OutCal	1.2	4	11.3	6
4/13/2020 6:00 PM	OutCal	1.5	4.1	10.9	6.2
4/13/2020 6:06 PM	OutCal	1.3	4.3	10.7	6.4
4/13/2020 6:12 PM	OutCal	1	4.4	10.5	5.9
4/13/2020 6:18 PM	OutCal	0.9	4.4	9.9	5.7
4/13/2020 6:24 PM	OutCal	0.9	4.4	9.8	5.6
4/13/2020 6:30 PM	OutCal	0.9	4.5	9.8	5.5
4/13/2020 6:36 PM	OutCal	0.9	4.5	9.7	5.5
4/13/2020 6:42 PM	OutCal	0.8	4.5	9.9	5.6
4/13/2020 6:48 PM	OutCal	0.8	4.4	9.5	5.6
4/13/2020 6:54 PM	OutCal	0.8	4.4	9.4	5.5
4/13/2020 7:00 PM	OutCal	0.7	4.3	9.8	5.9
4/13/2020 7:06 PM	OutCal	0.7	4.3	9.7	6.4
4/13/2020 7:12 PM	OutCal	0.8	4.2	9.5	6.7
4/13/2020 7:18 PM	OutCal	0.8	4.3	9.7	6.7
4/13/2020 7:24 PM	OutCal	0.8	4.3	9.8	6.6
4/13/2020 7:30 PM	OutCal	0.7	4.3	9.9	6.4
4/13/2020 7:36 PM	OutCal	0.7	4.3	10.1	6.3
4/13/2020 7:42 PM	OutCal	0.7	4.4	10.2	6.4
4/13/2020 7:48 PM	OutCal	0.7	4.3	9.8	6.2
4/13/2020 7:54 PM	OutCal	0.7	4.3	9.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/13/2020 8:00 PM	OutCal	0.7	4.3	9.7	6.2
4/13/2020 8:06 PM	OutCal	0.7	4.2	9.9	6.1
4/13/2020 8:12 PM	OutCal	0.6	4.2	9.7	6
4/13/2020 8:18 PM	OutCal	0.7	4.2	9.8	6.2
4/13/2020 8:24 PM	OutCal	0.7	4.1	10	6.2
4/13/2020 8:30 PM	OutCal	0.7	4.2	10	6.1
4/13/2020 8:36 PM	OutCal	0.7	4.2	9.7	6
4/13/2020 8:42 PM	OutCal	0.7	4.1	9.1	6
4/13/2020 8:48 PM	OutCal	0.7	4.1	8.7	5.9
4/13/2020 8:54 PM	OutCal	0.7	4.2	9	5.7
4/13/2020 9:00 PM	OutCal	0.7	4.2	9.5	5.7
4/13/2020 9:06 PM	OutCal	0.7	4.1	9.7	5.9
4/13/2020 9:12 PM	OutCal	0.7	4.1	9.5	5.9
4/13/2020 9:18 PM	OutCal	0.7	4.1	9.1	5.9
4/13/2020 9:24 PM	OutCal	0.7	4.1	9.1	5.8
4/13/2020 9:30 PM	OutCal	0.6	4.1	9.5	5.8
4/13/2020 9:36 PM	OutCal	0.5	4.2	9.9	5.9
4/13/2020 9:42 PM	OutCal	0.4	4.4	9.8	5.8
4/13/2020 9:48 PM	OutCal	0.4	4.4	9.6	5.7
4/13/2020 9:54 PM	OutCal	0.3	4.3	9.6	5.9
4/13/2020 10:00 PM	OutCal	0.2	4.3	9.5	5.9
4/13/2020 10:06 PM	OutCal	0.2	4.3	9.5	5.8
4/13/2020 10:12 PM	OutCal	0.2	4.3	9.8	5.6
4/13/2020 10:18 PM	OutCal	0.1	4.4	9.8	5.5
4/13/2020 10:24 PM	OutCal	0.1	4.5	9.6	5.4
4/13/2020 10:30 PM	OutCal	0.1	4.4	9.7	5.3
4/13/2020 10:36 PM	OutCal	0	4.5	9.7	5.2
4/13/2020 10:42 PM	OutCal	0	4.5	9.8	5.1
4/13/2020 10:48 PM	OutCal	0	4.6	9.1	5.1
4/13/2020 10:54 PM	OutCal	0	4.7	8.7	5.1
4/13/2020 11:00 PM	OutCal	-0.1	4.7	8.7	5
4/13/2020 11:06 PM	OutCal	-0.1	4.6	8.7	5
4/13/2020 11:12 PM	OutCal	-0.2	4.6	8.8	4.8
4/13/2020 11:18 PM	OutCal	-0.2	4.6	8.7	4.6
4/13/2020 11:24 PM	OutCal	-0.3	4.6	9.1	4.5
4/13/2020 11:30 PM	OutCal	-0.3	4.6	9.3	4.3
4/13/2020 11:36 PM	OutCal	-0.3	4.6	9.1	4.1
4/13/2020 11:42 PM	OutCal	-0.4	4.5	9.1	4.2
4/13/2020 11:48 PM	OutCal	-0.4	4.3	6.9	2.8
4/13/2020 11:54 PM	OutCal	-0.4	3.6	3.1	0.3
4/14/2020 12:00 AM	OutCal	-0.4	3	2.3	-0.3
4/14/2020 12:06 AM	OutCal	-0.5	2.7	2.4	-0.3
4/14/2020 12:12 AM	OutCal	-0.5	2.5	2.4	-0.3
4/14/2020 12:18 AM	OutCal	-0.5	2.4	2.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 12:24 AM	OutCal	-0.5	2.3	2.8	-0.3
4/14/2020 12:30 AM	OutCal	-0.6	2.2	2.8	-0.3
4/14/2020 12:36 AM	OutCal	-0.6	2.2	2.7	-0.3
4/14/2020 12:42 AM	OutCal	-0.6	2.2	2.7	-0.3
4/14/2020 12:48 AM	OutCal	-0.7	2.4	2.6	-0.3
4/14/2020 12:54 AM	OutCal	-0.7	2.5	2.4	-0.3
4/14/2020 1:00 AM	OutCal	-0.7	2.6	2.3	-0.3
4/14/2020 1:06 AM	OutCal	-0.7	2.6	2.3	-0.3
4/14/2020 1:12 AM	OutCal	-0.7	2.6	2.4	-0.3
4/14/2020 1:18 AM	OutCal	-0.7	2.6	2.5	-0.3
4/14/2020 1:24 AM	OutCal	-0.8	2.6	2.5	-0.3
4/14/2020 1:30 AM	OutCal	-0.8	2.6	2.5	-0.3
4/14/2020 1:36 AM	OutCal	-0.8	2.6	2.5	-0.3
4/14/2020 1:42 AM	OutCal	-0.8	2.5	2.6	-0.3
4/14/2020 1:48 AM	OutCal	-0.8	2.5	2.6	-0.3
4/14/2020 1:54 AM	OutCal	-0.8	2.5	2.4	-0.3
4/14/2020 2:00 AM	OutCal	-0.8	2.5	2.3	-0.3
4/14/2020 2:06 AM	OutCal	-0.9	2.5	2.3	-0.3
4/14/2020 2:12 AM	OutCal	-0.9	2.5	2.4	-0.2
4/14/2020 2:18 AM	OutCal	-0.8	2.6	1.5	-0.3
4/14/2020 2:24 AM	OutCal	-0.9	2.7	-0.3	-0.3
4/14/2020 2:30 AM	OutCal	-0.9	2.7	-0.9	-0.3
4/14/2020 2:36 AM	OutCal	-0.9	2.7	-1	-0.3
4/14/2020 2:42 AM	OutCal	-0.9	2.6	-1	-0.3
4/14/2020 2:48 AM	OutCal	-0.9	2.6	-1	-0.3
4/14/2020 2:54 AM	OutCal	-0.9	2.6	-1	-0.3
4/14/2020 3:00 AM	OutCal	-0.8	2.7	-0.9	-0.3
4/14/2020 3:06 AM	OutCal	-0.8	2.7	-0.9	-0.3
4/14/2020 3:12 AM	OutCal	-0.9	2.7	-0.9	-0.3
4/14/2020 3:18 AM	OutCal	-0.9	2.6	-0.9	-0.3
4/14/2020 3:24 AM	OutCal	-0.9	2.7	-0.9	-0.3
4/14/2020 3:30 AM	OutCal	-1	2.6	-0.9	-0.3
4/14/2020 3:36 AM	OutCal	-0.9	2.6	-0.9	-0.3
4/14/2020 3:42 AM	OutCal	-0.9	2.6	-0.9	-0.3
4/14/2020 3:48 AM	OutCal	-1	2.7	-0.9	-0.3
4/14/2020 3:54 AM	OutCal	-1	2.6	-0.9	-0.3
4/14/2020 4:00 AM	OutCal	-1	2.6	-0.9	-0.3
4/14/2020 4:06 AM	OutCal	-1	2.6	-0.9	-0.3
4/14/2020 4:12 AM	OutCal	-1	2.6	-0.9	-0.3
4/14/2020 4:18 AM	OutCal	-1	2.7	-0.9	-0.3
4/14/2020 4:24 AM	OutCal	-1	2.7	-0.9	-0.3
4/14/2020 4:30 AM	OutCal	-1	2.7	-0.9	-0.4
4/14/2020 4:36 AM	OutCal	-1	2.7	-0.9	-0.4
4/14/2020 4:42 AM	OutCal	-1	2.7	-0.9	-0.4

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 4:48 AM	OutCal	-1	2.8	-0.9	-0.4
4/14/2020 4:54 AM	OutCal	-1	2.8	-0.9	-0.4
4/14/2020 5:00 AM	OutCal	-1	2.9	-0.9	-0.3
4/14/2020 5:06 AM	OutCal	-0.9	2.8	-0.9	-0.3
4/14/2020 5:12 AM	OutCal	-0.9	2.8	-0.9	-0.4
4/14/2020 5:18 AM	OutCal	-0.9	2.8	-0.9	-0.4
4/14/2020 5:24 AM	OutCal	-0.9	2.9	-0.9	-0.4
4/14/2020 5:30 AM	OutCal	-0.8	3	-0.9	-0.3
4/14/2020 5:36 AM	OutCal	-0.8	3	-0.9	-0.3
4/14/2020 5:42 AM	OutCal	-0.8	3	-0.9	-0.3
4/14/2020 5:48 AM	OutCal	-0.7	3	-0.9	-0.3
4/14/2020 5:54 AM	OutCal	-0.7	3.1	-0.9	-0.4
4/14/2020 6:00 AM	OutCal	-0.7	3.2	-0.9	-0.4
4/14/2020 6:06 AM	OutCal	-0.7	3.2	-0.9	-0.3
4/14/2020 6:12 AM	OutCal	-0.8	3.2	-0.9	-0.4
4/14/2020 6:18 AM	OutCal	-0.7	3.2	-0.9	-0.4
4/14/2020 6:24 AM	OutCal	-0.7	3.3	-0.9	-0.4
4/14/2020 6:30 AM	OutCal	-0.6	3.3	-0.9	-0.4
4/14/2020 6:36 AM	OutCal	-0.5	3.2	-0.9	-0.4
4/14/2020 6:42 AM	OutCal	-0.6	3	-0.9	-0.4
4/14/2020 6:48 AM	OutCal	-0.7	3.1	-0.9	-0.3
4/14/2020 6:54 AM	OutCal	-0.8	3.2	-0.9	-0.4
4/14/2020 7:00 AM	OutCal	-0.9	3.3	-0.9	-0.4
4/14/2020 7:06 AM	OutCal	-1.1	3.5	-1	-0.4
4/14/2020 7:12 AM	OutCal	-1.2	3.5	-1	-0.4
4/14/2020 7:18 AM	OutCal	-1.2	3.6	-0.9	-0.4
4/14/2020 7:24 AM	OutCal	-1.2	3.6	-1	-0.4
4/14/2020 7:30 AM	OutCal	-1.2	3.6	-1	-0.4
4/14/2020 7:36 AM	OutCal	-1.2	3.6	-1	-0.4
4/14/2020 7:42 AM	OutCal	-1.3	3.8	-0.9	-0.4
4/14/2020 7:48 AM	OutCal	-1.3	3.9	-0.9	-0.4
4/14/2020 7:54 AM	OutCal	-1.3	3.9	-1	-0.4
4/14/2020 8:00 AM	OutCal	-1.3	3.8	-1	-0.4
4/14/2020 8:06 AM	OutCal	-1.3	3.8	-1	-0.4
4/14/2020 8:12 AM	OutCal	-1.2	3.9	-1	-0.4
4/14/2020 8:18 AM	OutCal	-1	3.9	-0.9	-0.4
4/14/2020 8:24 AM	OutCal	-1	4	-0.9	-0.4
4/14/2020 8:30 AM	OutCal	-1	4	-0.9	-0.4
4/14/2020 8:36 AM	OutCal	-1	3.9	-1	-0.4
4/14/2020 8:42 AM	OutCal	-1	3.7	-0.9	-0.4
4/14/2020 8:48 AM	OutCal	-1.1	3.6	-0.9	-0.4
4/14/2020 8:54 AM	OutCal	-1.1	3.5	-0.9	-0.4
4/14/2020 9:00 AM	OutCal	-1.1	3.5	-0.9	-0.4
4/14/2020 9:06 AM	OutCal	-1.1	3.4	-0.9	-0.4

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 9:12 AM	OutCal	-1.1	3.5	-1	-0.4
4/14/2020 9:18 AM	OutCal	-1	3.7	-1	-0.4
4/14/2020 9:24 AM	OutCal	-1	3.8	-1	-0.4
4/14/2020 9:30 AM	OutCal	-1	3.9	-1	-0.4
4/14/2020 9:36 AM	OutCal	-1.1	3.9	-1	-0.4
4/14/2020 9:42 AM	OutCal	-1.1	3.9	-1	-0.4
4/14/2020 9:48 AM	OutCal	-1.1	3.9	-1	-0.4
4/14/2020 9:54 AM	OutCal	-1.1	3.9	-1	4.7
4/14/2020 10:00 AM	OutCal	-1.1	4	-0.9	9.1
4/14/2020 10:06 AM	OutCal	-1	4.2	-0.9	6.3
4/14/2020 10:12 AM	OutCal	-1	4.3	-1	4.8
4/14/2020 10:18 AM	OutCal	-1	4.2	-1	4.3
4/14/2020 10:24 AM	OutCal	-0.9	4.2	-1	4.5
4/14/2020 10:30 AM	OutCal	-0.9	4	-1	4.8
4/14/2020 10:36 AM	OutCal	-0.8	3.8	-1	4.7
4/14/2020 10:42 AM	OutCal	-0.8	3.7	-1	4.2
4/14/2020 10:48 AM	OutCal	-0.7	3.6	-1	3.5
4/14/2020 10:54 AM	OutCal	-0.7	3.5	-1	3.1
4/14/2020 11:00 AM	OutCal	-0.7	3.5	-1	2.8
4/14/2020 11:06 AM	OutCal	-0.6	3.5	-1	2.7
4/14/2020 11:12 AM	OutCal	-0.6	3.5	-1	2.6
4/14/2020 11:18 AM	OutCal	-0.6	3.6	-1	2.4
4/14/2020 11:24 AM	OutCal	-0.7	3.6	-1	2
4/14/2020 11:30 AM	OutCal	-0.7	3.5	-1	1.8
4/14/2020 11:36 AM	OutCal	-0.6	3.3	-1	1.9
4/14/2020 11:42 AM	OutCal	-0.6	3.2	-1	1.8
4/14/2020 11:48 AM	OutCal	-0.7	3.2	-1	1.7
4/14/2020 11:54 AM	OutCal	-0.7	3.2	-1	1.6
4/14/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/14/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/14/2020 12:12 PM	OutCal	0.2	3.7	-0.2	2
4/14/2020 12:18 PM	OutCal	0.3	3.4	-0.2	2.1
4/14/2020 12:24 PM	OutCal	0.3	3.2	-0.3	2.1
4/14/2020 12:30 PM	OutCal	0.4	3.2	-0.3	2.1
4/14/2020 12:36 PM	OutCal	0.4	3.2	-0.3	2.1
4/14/2020 12:42 PM	OutCal	0.5	3.2	-0.3	2.1
4/14/2020 12:48 PM	OutCal	0.5	3.2	-0.3	2.1
4/14/2020 12:54 PM	OutCal	0.5	3.1	-0.3	2.1
4/14/2020 1:00 PM	OutCal	0.6	3.2	-0.3	2.1
4/14/2020 1:06 PM	OutCal	0.6	3.3	-0.3	2.1
4/14/2020 1:12 PM	OutCal	0.6	3.3	-0.3	2.1
4/14/2020 1:18 PM	OutCal	0.5	3.4	-0.3	2.2
4/14/2020 1:24 PM	OutCal	0.3	3.4	-0.3	2.2
4/14/2020 1:30 PM	OutCal	0.1	3.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 1:36 PM	OutCal	0	3.6	-0.3	2.2
4/14/2020 1:42 PM	OutCal	0	3.5	-0.3	2.2
4/14/2020 1:48 PM	Maintain	-0.1	3.3	-0.3	2.1
4/14/2020 1:54 PM	Calib	<Samp	<Samp	<Samp	<Samp
4/14/2020 2:00 PM	Calib	Maintain	Maintain	Maintain	Maintain
4/14/2020 2:06 PM	<Samp	<Samp	<Samp	-0.3	2.1
4/14/2020 2:12 PM	0.7	0	3	-0.3	2.2
4/14/2020 2:18 PM	0.7	0.1	2.9	-0.3	2.3
4/14/2020 2:24 PM	0.8	0.2	2.8	-0.3	2.3
4/14/2020 2:30 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 2:36 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 2:42 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 2:48 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 2:54 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 3:00 PM	0.7	0.2	2.9	-0.2	2.3
4/14/2020 3:06 PM	0.7	0.3	2.8	-0.3	2.3
4/14/2020 3:12 PM	0.7	0.4	2.7	-0.3	2.3
4/14/2020 3:18 PM	0.7	0.5	2.7	-0.3	2.3
4/14/2020 3:24 PM	0.7	0.6	2.6	-0.3	2.2
4/14/2020 3:30 PM	0.7	0.8	2.6	-0.3	2.3
4/14/2020 3:36 PM	0.7	0.9	2.6	-0.3	2.3
4/14/2020 3:42 PM	0.7	1	2.6	-0.3	2.3
4/14/2020 3:48 PM	0.7	1.1	2.6	-0.3	2.2
4/14/2020 3:54 PM	0.7	1.2	2.5	-0.2	2.2
4/14/2020 4:00 PM	0.7	1.3	2.6	-0.2	2.2
4/14/2020 4:06 PM	0.7	1.3	2.5	-0.2	2.2
4/14/2020 4:12 PM	0.7	1.2	2.5	-0.2	2.2
4/14/2020 4:18 PM	0.7	1.2	2.5	-0.2	2.1
4/14/2020 4:24 PM	0.7	1.2	2.5	-0.2	2.2
4/14/2020 4:30 PM	0.7	1.2	2.5	-0.2	2.2
4/14/2020 4:36 PM	0.7	1.2	2.5	-0.2	2.2
4/14/2020 4:42 PM	0.7	1.1	2.5	-0.2	2.2
4/14/2020 4:48 PM	0.6	0.8	2.5	-0.2	2.2
4/14/2020 4:54 PM	0.6	0.5	2.6	-0.2	2.2
4/14/2020 5:00 PM	0.6	0.4	2.6	-0.2	2.1
4/14/2020 5:06 PM	0.6	0.6	2.6	-0.2	2.1
4/14/2020 5:12 PM	0.6	0.8	2.5	-0.2	2.2
4/14/2020 5:18 PM	0.6	1.1	2.5	-0.2	2.2
4/14/2020 5:24 PM	0.6	1.2	2.6	-0.2	2.2
4/14/2020 5:30 PM	0.6	1.4	2.6	-0.2	2.2
4/14/2020 5:36 PM	0.6	1.5	2.6	-0.2	2.2
4/14/2020 5:42 PM	0.6	1.5	2.7	-0.2	2.2
4/14/2020 5:48 PM	0.6	1.5	2.7	-0.2	2.2
4/14/2020 5:54 PM	0.6	1.5	2.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 6:00 PM	0.6	1.5	2.7	-0.2	2.3
4/14/2020 6:06 PM	0.6	1.5	2.7	-0.2	2.3
4/14/2020 6:12 PM	0.6	1.5	2.7	-0.1	2.3
4/14/2020 6:18 PM	0.5	1.5	2.7	-0.1	2.3
4/14/2020 6:24 PM	0.5	1.5	2.8	-0.1	2.2
4/14/2020 6:30 PM	0.5	1.5	2.8	-0.1	2.3
4/14/2020 6:36 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 6:42 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 6:48 PM	0.5	1.4	2.7	-0.1	2.2
4/14/2020 6:54 PM	0.5	1.4	2.7	-0.1	2.2
4/14/2020 7:00 PM	0.5	1.4	2.7	-0.1	2.2
4/14/2020 7:06 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 7:12 PM	0.5	1.4	2.8	-0.1	2.2
4/14/2020 7:18 PM	0.5	1.4	2.8	-0.1	2.2
4/14/2020 7:24 PM	0.5	1.4	2.9	-0.1	2.3
4/14/2020 7:30 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 7:36 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 7:42 PM	0.5	1.4	2.8	-0.1	2.3
4/14/2020 7:48 PM	0.5	1.4	2.8	-0.1	2.2
4/14/2020 7:54 PM	0.5	1.4	2.8	-0.1	2.2
4/14/2020 8:00 PM	0.5	1.4	2.8	-0.1	2.2
4/14/2020 8:06 PM	0.5	1.3	2.8	-0.1	2.2
4/14/2020 8:12 PM	0.5	1.3	2.8	-0.1	2.2
4/14/2020 8:18 PM	0.5	1.3	2.8	-0.1	2.2
4/14/2020 8:24 PM	0.4	1.3	2.8	-0.1	2.3
4/14/2020 8:30 PM	0.4	1.3	2.8	-0.1	2.3
4/14/2020 8:36 PM	0.4	1.3	2.8	-0.1	2.3
4/14/2020 8:42 PM	0.5	1.3	2.8	-0.1	2.3
4/14/2020 8:48 PM	0.4	1.3	2.8	-0.1	2.3
4/14/2020 8:54 PM	0.4	1.3	2.8	-0.1	2.3
4/14/2020 9:00 PM	0.4	1.3	2.7	-0.1	2.3
4/14/2020 9:06 PM	0.4	1.3	2.7	-0.1	2.3
4/14/2020 9:12 PM	0.4	1.3	2.7	-0.1	2.2
4/14/2020 9:18 PM	0.4	1.3	2.7	-0.1	2.2
4/14/2020 9:24 PM	0.4	1.2	2.7	-0.1	2.2
4/14/2020 9:30 PM	0.4	1.2	2.7	-0.1	2.1
4/14/2020 9:36 PM	0.4	1.2	2.7	-0.1	2.1
4/14/2020 9:42 PM	0.4	1.2	2.7	-0.1	2.2
4/14/2020 9:48 PM	0.4	1.2	2.8	-0.1	2.2
4/14/2020 9:54 PM	0.4	1.1	2.8	-0.1	2.2
4/14/2020 10:00 PM	0.4	1.1	2.8	-0.1	2.3
4/14/2020 10:06 PM	0.4	1.1	2.8	-0.1	2.3
4/14/2020 10:12 PM	0.4	1	2.8	-0.1	2.2
4/14/2020 10:18 PM	0.4	1	2.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/14/2020 10:24 PM	0.4	0.9	3	-0.1	2.1
4/14/2020 10:30 PM	0.4	0.9	3	-0.1	2.1
4/14/2020 10:36 PM	0.5	0.8	3	-0.1	2.1
4/14/2020 10:42 PM	0.5	0.7	2.9	-0.1	2.1
4/14/2020 10:48 PM	0.4	0.7	3	-0.1	2.1
4/14/2020 10:54 PM	0.5	0.7	3	-0.1	2.1
4/14/2020 11:00 PM	0.5	0.6	3	-0.1	2.1
4/14/2020 11:06 PM	0.4	0.6	3	-0.1	2.1
4/14/2020 11:12 PM	0.5	0.6	3.1	-0.1	2.1
4/14/2020 11:18 PM	0.5	0.6	3.1	-0.1	2.1
4/14/2020 11:24 PM	0.5	0.6	3	-0.1	2.1
4/14/2020 11:30 PM	0.5	0.6	3	-0.1	2.2
4/14/2020 11:36 PM	0.4	0.6	2.9	-0.1	2.2
4/14/2020 11:42 PM	0.5	0.7	2.9	-0.1	2.2
4/14/2020 11:48 PM	0.4	0.7	2.9	-0.1	2.2
4/14/2020 11:54 PM	0.4	0.7	2.9	-0.1	2.2
4/15/2020 12:00 AM	0.4	0.6	2.9	-0.1	2.1
4/15/2020 12:06 AM	0.4	0.6	3.1	0	1.5
4/15/2020 12:12 AM	0.4	0.6	3.3	0	0.4
4/15/2020 12:18 AM	0.4	0.5	3.3	0	0
4/15/2020 12:24 AM	0.4	0.5	3.4	0	0
4/15/2020 12:30 AM	0.4	0.4	3.5	0	0
4/15/2020 12:36 AM	0.4	0.3	3.5	0	0
4/15/2020 12:42 AM	0.4	0.3	3.6	0	0
4/15/2020 12:48 AM	0.4	0.3	3.6	0	0
4/15/2020 12:54 AM	0.4	0.2	3.5	0	0
4/15/2020 1:00 AM	0.4	0.2	3.5	0	0
4/15/2020 1:06 AM	0.4	0.2	3.4	0	0
4/15/2020 1:12 AM	0.4	0.2	3.4	0	0
4/15/2020 1:18 AM	0.4	0.2	3.5	0	0
4/15/2020 1:24 AM	0.4	0.1	3.5	0	0
4/15/2020 1:30 AM	0.4	0.1	3.6	0	0
4/15/2020 1:36 AM	0.4	0.2	3.6	0	0
4/15/2020 1:42 AM	0.4	0.2	3.6	0	0
4/15/2020 1:48 AM	0.4	0.2	3.6	0	0
4/15/2020 1:54 AM	0.4	0.2	3.5	0	0
4/15/2020 2:00 AM	0.4	0.2	3.4	0	0
4/15/2020 2:06 AM	0.4	0.2	3.4	0	0
4/15/2020 2:12 AM	0.3	0.1	3.5	0	0
4/15/2020 2:18 AM	0.3	-0.1	3.8	0.1	0
4/15/2020 2:24 AM	0.3	-0.2	4	0.1	0
4/15/2020 2:30 AM	0.3	-0.2	4	0.1	0
4/15/2020 2:36 AM	0.3	-0.2	3.9	0.1	0
4/15/2020 2:42 AM	0.3	-0.2	3.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/15/2020 2:48 AM	0.3	-0.2	3.8	0	0
4/15/2020 2:54 AM	0.3	-0.2	3.7	0	0
4/15/2020 3:00 AM	0.3	-0.1	3.7	0	0
4/15/2020 3:06 AM	0.3	-0.1	3.7	0	-0.1
4/15/2020 3:12 AM	0.3	0	3.7	0	0
4/15/2020 3:18 AM	0.3	0	3.7	0	0
4/15/2020 3:24 AM	0.3	0	3.7	0	0
4/15/2020 3:30 AM	0.3	0	3.7	0	0
4/15/2020 3:36 AM	0.3	0.1	3.7	0	0
4/15/2020 3:42 AM	0.3	0.1	3.7	0	0
4/15/2020 3:48 AM	0.3	0.1	3.7	0	-0.1
4/15/2020 3:54 AM	0.3	0.1	3.7	0	0
4/15/2020 4:00 AM	0.3	0.1	3.7	0	0
4/15/2020 4:06 AM	0.3	0.1	3.6	0	0
4/15/2020 4:12 AM	0.3	0.2	3.7	0	-0.1
4/15/2020 4:18 AM	0.3	0.2	3.6	0	-0.1
4/15/2020 4:24 AM	0.3	0.2	3.6	0	0
4/15/2020 4:30 AM	0.3	0.2	3.7	0	0
4/15/2020 4:36 AM	0.3	0.2	3.8	0	0
4/15/2020 4:42 AM	0.3	0.2	3.8	0	0
4/15/2020 4:48 AM	0.3	0.2	3.8	0	0
4/15/2020 4:54 AM	0.3	0.2	3.8	0	0
4/15/2020 5:00 AM	0.3	0.2	3.7	0	0
4/15/2020 5:06 AM	0.3	0.1	3.7	0	0
4/15/2020 5:12 AM	0.3	0.1	3.7	0	0
4/15/2020 5:18 AM	0.3	0.1	3.6	0	0
4/15/2020 5:24 AM	0.3	0.1	3.7	0	0
4/15/2020 5:30 AM	0.3	0.1	3.7	0	0
4/15/2020 5:36 AM	0.3	0	3.7	0	0
4/15/2020 5:42 AM	0.3	0	3.7	0	0
4/15/2020 5:48 AM	0.3	0	3.7	0	0
4/15/2020 5:54 AM	0.3	0	3.7	0	0
4/15/2020 6:00 AM	0.2	0	3.6	0	0
4/15/2020 6:06 AM	0.2	0	3.5	0	0
4/15/2020 6:12 AM	0.2	0	3.5	0	0
4/15/2020 6:18 AM	0.2	0	3.6	0	0
4/15/2020 6:24 AM	0.2	0	3.6	0	0
4/15/2020 6:30 AM	0.2	0.1	3.6	0	0
4/15/2020 6:36 AM	0.2	0.1	3.7	0	0
4/15/2020 6:42 AM	0.2	0.1	3.7	0	0
4/15/2020 6:48 AM	0.2	0.1	3.6	0	0.8
4/15/2020 6:54 AM	0.2	0.1	3.7	0	0.9
4/15/2020 7:00 AM	0.2	0.1	3.7	0	0
4/15/2020 7:06 AM	0.2	0.2	3.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/15/2020 7:12 AM	0.2	0.2	3.7	0	0
4/15/2020 7:18 AM	0.2	0.2	3.8	0	0
4/15/2020 7:24 AM	0.2	0.2	3.8	0	4.6
4/15/2020 7:30 AM	0.2	0.2	3.4	0	8.1
4/15/2020 7:36 AM	0.2	0.2	3	0	5.8
4/15/2020 7:42 AM	0.2	0.2	2.8	0	5.3
4/15/2020 7:48 AM	0.2	0.2	2.7	0	4.7
4/15/2020 7:54 AM	0.2	0.2	2.8	0	4
4/15/2020 8:00 AM	0.2	0.2	2.7	0	3.3
4/15/2020 8:06 AM	0.2	0.2	2.6	0	2.9
4/15/2020 8:12 AM	0.2	0.3	2.6	0	2.7
4/15/2020 8:18 AM	0.2	0.3	2.6	0	2.6
4/15/2020 8:24 AM	0.2	0.4	2.6	0	2.5
4/15/2020 8:30 AM	0.2	0.4	2.6	0	2.4
4/15/2020 8:36 AM	0.2	0.5	2.7	0	2.4
4/15/2020 8:42 AM	0.2	0.5	2.7	0	2.3
4/15/2020 8:48 AM	0.2	0.5	2.8	0	2.3
4/15/2020 8:54 AM	0.2	0.5	2.9	0	2.3
4/15/2020 9:00 AM	0.3	0.5	2.8	0	2.3
4/15/2020 9:06 AM	0.3	0.4	2.9	0	2.3
4/15/2020 9:12 AM	0.3	0.4	2.9	0	2.2
4/15/2020 9:18 AM	0.3	0.3	2.9	0	2.2
4/15/2020 9:24 AM	0.3	0.3	2.9	0	2.2
4/15/2020 9:30 AM	0.3	0.1	2.9	0	2.2
4/15/2020 9:36 AM	0.3	0	2.9	0	2.2
4/15/2020 9:42 AM	0.3	-0.1	3	0	2.2
4/15/2020 9:48 AM	0.3	-0.2	3	0	2.2
4/15/2020 9:54 AM	0.3	-0.2	3	0	2.1
4/15/2020 10:00 AM	0.3	-0.2	3.1	0	2.1
4/15/2020 10:06 AM	0.3	-0.2	3.2	0	2.1
4/15/2020 10:12 AM	0.3	-0.2	3.3	0	2
4/15/2020 10:18 AM	0.3	-0.2	3.3	0	2
4/15/2020 10:24 AM	0.3	-0.1	3.4	0	2
4/15/2020 10:30 AM	0.3	0	3.6	0	2
4/15/2020 10:36 AM	0.3	0	3.7	0	2
4/15/2020 10:42 AM	0.3	0.1	3.7	0	2
4/15/2020 10:48 AM	0.4	0	3.6	0	2
4/15/2020 10:54 AM	0.4	0.1	3.6	0	2
4/15/2020 11:00 AM	0.4	0.1	3.5	0	2.1
4/15/2020 11:06 AM	0.4	0.1	3.4	0	2.1
4/15/2020 11:12 AM	0.4	0.2	3.4	0	2.1
4/15/2020 11:18 AM	0.4	0.2	3.3	0	2.1
4/15/2020 11:24 AM	0.4	0.1	3.3	0	2
4/15/2020 11:30 AM	0.4	0	3.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/15/2020 11:36 AM	0.4	-0.1	3.4	0	2.1
4/15/2020 11:42 AM	0.5	-0.1	3.4	0	2.1
4/15/2020 11:48 AM	0.5	-0.1	3.5	0	2.1
4/15/2020 11:54 AM	0.5	0	3.6	0	2.1
4/15/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/15/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/15/2020 12:12 PM	0.7	0	3.9	0	2.1
4/15/2020 12:18 PM	0.7	0	3.7	0	2.2
4/15/2020 12:24 PM	0.7	0	3.7	0	2.1
4/15/2020 12:30 PM	0.7	0	3.7	0	2.2
4/15/2020 12:36 PM	0.7	0	3.6	0	2.2
4/15/2020 12:42 PM	0.7	0.1	3.5	0	2.1
4/15/2020 12:48 PM	0.7	0.2	3.4	0	2.1
4/15/2020 12:54 PM	0.7	0.4	3.3	0	2.1
4/15/2020 1:00 PM	0.7	0.5	3.1	0	2.1
4/15/2020 1:06 PM	0.7	0.6	3.1	0	2.1
4/15/2020 1:12 PM	0.7	0.6	3.2	0	2
4/15/2020 1:18 PM	0.7	0.5	3.3	0	1.9
4/15/2020 1:24 PM	0.7	0.4	3.4	0	2
4/15/2020 1:30 PM	0.7	0.3	3.4	0	2
4/15/2020 1:36 PM	0.7	0.2	3.3	0	1.9
4/15/2020 1:42 PM	0.7	0.3	3.3	0	1.9
4/15/2020 1:48 PM	0.7	0.4	3.2	0	1.9
4/15/2020 1:54 PM	0.7	0.6	3	0	1.9
4/15/2020 2:00 PM	0.6	0.7	3	0	1.9
4/15/2020 2:06 PM	0.6	0.8	2.9	0	2
4/15/2020 2:12 PM	0.6	0.9	2.8	0	1.9
4/15/2020 2:18 PM	0.6	0.9	2.9	0	1.9
4/15/2020 2:24 PM	0.6	0.9	2.9	0	2
4/15/2020 2:30 PM	0.6	0.9	3	0	2
4/15/2020 2:36 PM	0.6	0.7	3.1	0	2
4/15/2020 2:42 PM	0.6	0.5	3.3	0	2.1
4/15/2020 2:48 PM	0.6	0.3	3.4	0	2.1
4/15/2020 2:54 PM	0.6	0.2	3.5	0	2.1
4/15/2020 3:00 PM	0.7	0	3.5	0	2
4/15/2020 3:06 PM	0.7	0	3.4	0	2
4/15/2020 3:12 PM	0.7	0.1	3.3	0	2
4/15/2020 3:18 PM	0.7	0.1	3.2	0	2
4/15/2020 3:24 PM	0.7	0.3	3.1	0	2.1
4/15/2020 3:30 PM	0.7	0.5	3	0	2.1
4/15/2020 3:36 PM	0.7	0.7	3	0	2
4/15/2020 3:42 PM	0.7	0.8	3	0	2
4/15/2020 3:48 PM	0.7	0.9	3.1	0	2
4/15/2020 3:54 PM	0.7	1	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/15/2020 4:00 PM	0.7	1	3	0	2
4/15/2020 4:06 PM	0.7	0.9	3	0	2
4/15/2020 4:12 PM	0.7	0.8	3	0	2
4/15/2020 4:18 PM	0.7	0.6	2.9	0	2
4/15/2020 4:24 PM	0.7	0.5	3	0	2
4/15/2020 4:30 PM	0.7	0.5	2.9	0	2.1
4/15/2020 4:36 PM	0.7	0.6	2.9	0	2.1
4/15/2020 4:42 PM	0.7	0.4	2.9	0	2.1
4/15/2020 4:48 PM	0.7	0.5	2.9	0	2.1
4/15/2020 4:54 PM	0.6	0.8	2.9	0	2.1
4/15/2020 5:00 PM	0.6	0.9	2.9	0	2.1
4/15/2020 5:06 PM	0.6	0.8	2.9	0	2.1
4/15/2020 5:12 PM	0.6	0.7	2.9	0	2.2
4/15/2020 5:18 PM	0.6	0.6	2.9	0	2.1
4/15/2020 5:24 PM	0.6	0.5	3	0	2.1
4/15/2020 5:30 PM	0.6	0.5	3	0	2.1
4/15/2020 5:36 PM	0.6	0.6	3	0	2.1
4/15/2020 5:42 PM	0.6	0.7	3.1	0	2.1
4/15/2020 5:48 PM	0.6	0.8	3.2	0	2.1
4/15/2020 5:54 PM	0.6	0.9	3.1	0	2.1
4/15/2020 6:00 PM	0.6	1.1	3	0	2.2
4/15/2020 6:06 PM	0.6	1.4	3	0	2.2
4/15/2020 6:12 PM	0.6	1.5	3	0	2.2
4/15/2020 6:18 PM	0.6	1.5	3	0	2.2
4/15/2020 6:24 PM	0.6	1.4	3.1	0	2.2
4/15/2020 6:30 PM	0.6	1.3	3.1	0	2.2
4/15/2020 6:36 PM	0.6	1.2	3.2	0	2.2
4/15/2020 6:42 PM	0.6	1.2	3.2	0	2.2
4/15/2020 6:48 PM	0.6	1.2	3.2	0	2.2
4/15/2020 6:54 PM	0.6	1.2	3.3	0	2.2
4/15/2020 7:00 PM	0.6	1.1	3.3	0	2.2
4/15/2020 7:06 PM	0.6	1.1	3.3	0	2.2
4/15/2020 7:12 PM	0.6	1.1	3.3	0	2.2
4/15/2020 7:18 PM	0.6	1	3.4	0	2.2
4/15/2020 7:24 PM	0.6	1	3.4	0	2.2
4/15/2020 7:30 PM	0.6	1	3.4	0	2.2
4/15/2020 7:36 PM	0.6	1	3.4	0	2.2
4/15/2020 7:42 PM	0.6	1	3.3	0	2.3
4/15/2020 7:48 PM	0.6	1.1	3.2	0	2.3
4/15/2020 7:54 PM	0.6	1.1	3.2	0	2.3
4/15/2020 8:00 PM	0.6	1.1	3.2	0	2.3
4/15/2020 8:06 PM	0.6	1.1	3.1	0	2.3
4/15/2020 8:12 PM	0.6	1.1	3	0	2.3
4/15/2020 8:18 PM	0.6	1.1	3	0	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/15/2020 8:24 PM	0.6	1.1	3	0	2.2
4/15/2020 8:30 PM	0.6	1	2.9	0	2.3
4/15/2020 8:36 PM	0.6	1	2.9	0	2.3
4/15/2020 8:42 PM	0.6	1.1	2.8	0	2.3
4/15/2020 8:48 PM	0.6	1.1	2.8	0	2.3
4/15/2020 8:54 PM	0.6	1.1	2.8	0	2.3
4/15/2020 9:00 PM	0.6	1.1	2.9	0	2.2
4/15/2020 9:06 PM	0.6	1.1	2.9	0	2.2
4/15/2020 9:12 PM	0.6	1	2.9	0	2.3
4/15/2020 9:18 PM	0.5	1	2.9	0	2.3
4/15/2020 9:24 PM	0.5	1	2.9	0	2.3
4/15/2020 9:30 PM	0.5	1	2.9	0	2.3
4/15/2020 9:36 PM	0.5	1	2.9	0	2.2
4/15/2020 9:42 PM	0.5	1	2.9	0	2.2
4/15/2020 9:48 PM	0.5	1	2.9	0	2.2
4/15/2020 9:54 PM	0.5	1	2.9	0	2.2
4/15/2020 10:00 PM	0.5	1	3	0	2.2
4/15/2020 10:06 PM	0.5	1	2.9	0	2.2
4/15/2020 10:12 PM	0.5	1	2.9	0	2.3
4/15/2020 10:18 PM	0.5	1	2.9	0	2.3
4/15/2020 10:24 PM	0.5	1	2.9	0	2.3
4/15/2020 10:30 PM	0.5	1	2.9	0	2.2
4/15/2020 10:36 PM	0.5	1	2.9	0	2.3
4/15/2020 10:42 PM	0.5	0.9	2.9	0	2.3
4/15/2020 10:48 PM	0.5	0.9	2.9	0	2.2
4/15/2020 10:54 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:00 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:06 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:12 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:18 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:24 PM	0.5	0.9	2.9	0	2.3
4/15/2020 11:30 PM	0.5	1	2.9	0	2.3
4/15/2020 11:36 PM	0.5	1	2.9	0	2.3
4/15/2020 11:42 PM	0.5	1	2.9	0	2.3
4/15/2020 11:48 PM	0.5	1	3	0	2.3
4/15/2020 11:54 PM	0.5	1	3	0	2.2
4/16/2020 12:00 AM	0.4	1	3.3	0	1.8
4/16/2020 12:06 AM	0.4	1	3.3	0	0.6
4/16/2020 12:12 AM	0.4	0.9	3.2	0	0
4/16/2020 12:18 AM	0.4	0.9	3.3	0	0
4/16/2020 12:24 AM	0.4	0.9	3.3	0	0
4/16/2020 12:30 AM	0.4	0.9	3.4	0	0
4/16/2020 12:36 AM	0.4	0.9	3.4	0	0
4/16/2020 12:42 AM	0.4	0.9	3.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 12:48 AM	0.4	0.9	3.5	0	0
4/16/2020 12:54 AM	0.4	0.8	3.5	0	0
4/16/2020 1:00 AM	0.4	0.8	3.5	0	0
4/16/2020 1:06 AM	0.4	0.8	3.5	0	0
4/16/2020 1:12 AM	0.4	0.8	3.6	0	0
4/16/2020 1:18 AM	0.4	0.7	3.6	0	0
4/16/2020 1:24 AM	0.4	0.7	3.5	0	0
4/16/2020 1:30 AM	0.4	0.7	3.5	0	0
4/16/2020 1:36 AM	0.4	0.7	3.6	0	0
4/16/2020 1:42 AM	0.4	0.8	3.5	0	0
4/16/2020 1:48 AM	0.4	0.8	3.5	0	0
4/16/2020 1:54 AM	0.4	0.8	3.5	0	0
4/16/2020 2:00 AM	0.4	0.8	3.5	0	0
4/16/2020 2:06 AM	0.4	0.8	3.6	0	0
4/16/2020 2:12 AM	0.4	0.7	3.7	0	0
4/16/2020 2:18 AM	0.4	0.7	3.7	0	0
4/16/2020 2:24 AM	0.4	0.7	3.7	0	0
4/16/2020 2:30 AM	0.4	0.7	3.7	0	0
4/16/2020 2:36 AM	0.4	0.7	3.7	0	0
4/16/2020 2:42 AM	0.4	0.6	3.7	0	0
4/16/2020 2:48 AM	0.4	0.6	3.7	0	0
4/16/2020 2:54 AM	0.4	0.6	3.7	0	0
4/16/2020 3:00 AM	0.4	0.6	3.8	0	0
4/16/2020 3:06 AM	0.4	0.6	3.8	0	0
4/16/2020 3:12 AM	0.4	0.6	3.7	0	0
4/16/2020 3:18 AM	0.4	0.6	3.7	0	0
4/16/2020 3:24 AM	0.4	0.6	3.7	0	0
4/16/2020 3:30 AM	0.4	0.6	3.6	0	0
4/16/2020 3:36 AM	0.4	0.6	3.6	0	0
4/16/2020 3:42 AM	0.4	0.7	3.6	0	0
4/16/2020 3:48 AM	0.4	0.7	3.6	0	0
4/16/2020 3:54 AM	0.4	0.7	3.6	0	0
4/16/2020 4:00 AM	0.4	0.6	3.6	0	0
4/16/2020 4:06 AM	0.4	0.6	3.6	0	0
4/16/2020 4:12 AM	0.4	0.6	3.5	0	0
4/16/2020 4:18 AM	0.4	0.6	3.6	0	0
4/16/2020 4:24 AM	0.4	0.5	3.7	0	0
4/16/2020 4:30 AM	0.4	0.4	3.7	0	0
4/16/2020 4:36 AM	0.4	0.4	3.7	0	0
4/16/2020 4:42 AM	0.4	0.4	3.8	0.1	0
4/16/2020 4:48 AM	0.4	0.4	3.8	0.1	0
4/16/2020 4:54 AM	0.4	0.3	3.8	0.1	0
4/16/2020 5:00 AM	0.4	0.3	3.8	0.1	0
4/16/2020 5:06 AM	0.4	0.3	3.8	0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 5:12 AM	0.4	0.3	3.8	0.1	0
4/16/2020 5:18 AM	0.4	0.3	3.8	0.1	0
4/16/2020 5:24 AM	0.4	0.4	3.8	0.1	0
4/16/2020 5:30 AM	0.4	0.4	3.8	0	0
4/16/2020 5:36 AM	0.4	0.5	3.8	0	0
4/16/2020 5:42 AM	0.4	0.4	3.8	0.1	0
4/16/2020 5:48 AM	0.4	0.3	3.9	0.1	0
4/16/2020 5:54 AM	0.4	0.3	3.9	0.1	0
4/16/2020 6:00 AM	0.4	0.3	3.9	0.1	0
4/16/2020 6:06 AM	0.3	0.3	3.9	0.1	0
4/16/2020 6:12 AM	0.3	0.4	3.9	0.1	0
4/16/2020 6:18 AM	0.3	0.4	3.9	0.1	0
4/16/2020 6:24 AM	0.3	0.3	3.9	0.1	0
4/16/2020 6:30 AM	0.3	0.4	3.9	0.1	0
4/16/2020 6:36 AM	0.3	0.5	3.8	0.1	0
4/16/2020 6:42 AM	0.3	0.3	3.8	0	0
4/16/2020 6:48 AM	0.3	0.1	4.1	0	0
4/16/2020 6:54 AM	0.3	-0.1	4.4	0	0
4/16/2020 7:00 AM	0.3	-0.1	4.4	0.1	0
4/16/2020 7:06 AM	0.3	0	4.2	0.1	0
4/16/2020 7:12 AM	0.3	0	4.2	0	0
4/16/2020 7:18 AM	0.3	-0.1	4.1	0	0
4/16/2020 7:24 AM	0.3	-0.2	3.9	0	0
4/16/2020 7:30 AM	0.3	-0.1	3.9	0	0
4/16/2020 7:36 AM	0.3	-0.1	4.1	0	0
4/16/2020 7:42 AM	0.3	-0.3	4.3	0	0
4/16/2020 7:48 AM	0.3	-0.3	4.3	0	0
4/16/2020 7:54 AM	0.3	-0.3	4.3	0	0
4/16/2020 8:00 AM	0.3	-0.3	4.3	0	0
4/16/2020 8:06 AM	0.4	0	4.3	0	0
4/16/2020 8:12 AM	0.4	0.2	4.2	0	0
4/16/2020 8:18 AM	0.4	0.3	4.1	0	0
4/16/2020 8:24 AM	0.4	0.3	3.9	0	0
4/16/2020 8:30 AM	0.4	0.2	3.8	0	0
4/16/2020 8:36 AM	0.4	0.1	3.8	0	0
4/16/2020 8:42 AM	0.4	0	3.8	0	0
4/16/2020 8:48 AM	0.4	-0.1	3.8	0.1	0
4/16/2020 8:54 AM	0.4	-0.1	3.8	0.1	0
4/16/2020 9:00 AM	0.4	0	3.8	0.1	0
4/16/2020 9:06 AM	0.4	0	3.9	0.1	0
4/16/2020 9:12 AM	0.4	0	3.9	0.1	0
4/16/2020 9:18 AM	0.4	17.1	3.9	0.1	0
4/16/2020 9:24 AM	0.5	18.4	3.8	0.1	0
4/16/2020 9:30 AM	0.5	10.3	3.5	0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 9:36 AM	0.4	9	3.2	0.1	0
4/16/2020 9:42 AM	0.4	6.1	2.9	0.1	0
4/16/2020 9:48 AM	0.4	3.9	3	0	0
4/16/2020 9:54 AM	0.4	2.9	2.9	0	0
4/16/2020 10:00 AM	0.4	2.5	2.5	0	0
4/16/2020 10:06 AM	0.4	2.4	2.1	0	0
4/16/2020 10:12 AM	0.4	2.4	1.8	0.1	0
4/16/2020 10:18 AM	0.4	2.3	1.8	0.1	0
4/16/2020 10:24 AM	0.4	2.3	2	0.1	0
4/16/2020 10:30 AM	0.4	2.3	2.1	0.1	0
4/16/2020 10:36 AM	0.4	2.1	2.3	0.1	0
4/16/2020 10:42 AM	0.4	2.1	2.5	0.1	0
4/16/2020 10:48 AM	0.4	1.9	2.5	0.1	0
4/16/2020 10:54 AM	0.4	1.7	2.5	0.1	0
4/16/2020 11:00 AM	0.4	1.4	2.4	0.1	0
4/16/2020 11:06 AM	0.4	1.5	2.3	0.1	0
4/16/2020 11:12 AM	0.4	1.7	2.3	0.1	0
4/16/2020 11:18 AM	0.4	1.5	2.3	0	0
4/16/2020 11:24 AM	0.4	1.2	2.3	0	0
4/16/2020 11:30 AM	0.4	1	2.3	0	0
4/16/2020 11:36 AM	0.4	1	2.3	0	0
4/16/2020 11:42 AM	0.4	1.4	2.3	0	0
4/16/2020 11:48 AM	0.4	1.5	2.3	0	0
4/16/2020 11:54 AM	0.5	1.3	2.2	0	0
4/16/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/16/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/16/2020 12:12 PM	0.6	1.1	2.4	0.4	0
4/16/2020 12:18 PM	0.6	1	2.4	1.4	0.6
4/16/2020 12:24 PM	0.7	1	2.5	1.8	0.9
4/16/2020 12:30 PM	0.7	1	2.5	1.2	0.2
4/16/2020 12:36 PM	0.7	0.9	2.4	0.7	0.1
4/16/2020 12:42 PM	0.7	0.9	1.8	0.3	0.1
4/16/2020 12:48 PM	0.7	1	0.7	0.2	0
4/16/2020 12:54 PM	0.7	0.9	0.1	0.1	0.1
4/16/2020 1:00 PM	0.7	0.9	0	0.1	0
4/16/2020 1:06 PM	0.7	0.9	0	0.1	0
4/16/2020 1:12 PM	0.7	0.9	0	0.1	0
4/16/2020 1:18 PM	0.7	0.8	0	0.1	0
4/16/2020 1:24 PM	0.7	0.7	-0.1	0.1	0
4/16/2020 1:30 PM	0.7	0.7	-0.2	0.1	0
4/16/2020 1:36 PM	0.7	0.7	-0.2	0.1	0
4/16/2020 1:42 PM	0.7	0.8	-0.2	0.1	0
4/16/2020 1:48 PM	0.6	0.8	-0.2	0.1	0
4/16/2020 1:54 PM	0.6	0.8	-0.3	0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 2:00 PM	0.6	0.8	-0.3	0.1	0
4/16/2020 2:06 PM	0.6	0.8	-0.3	0.1	0
4/16/2020 2:12 PM	0.6	0.7	-0.3	0.1	0
4/16/2020 2:18 PM	0.6	0.7	-0.3	0.1	0
4/16/2020 2:24 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 2:30 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 2:36 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 2:42 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 2:48 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 2:54 PM	0.6	0.6	-0.3	0.1	0
4/16/2020 3:00 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 3:06 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 3:12 PM	0.6	0.7	-0.4	0.1	0
4/16/2020 3:18 PM	0.6	0.5	-0.4	0.1	0
4/16/2020 3:24 PM	0.6	-0.2	-0.4	0.1	0
4/16/2020 3:30 PM	0.6	-0.5	-0.4	0.1	0
4/16/2020 3:36 PM	0.6	-0.4	-0.4	0.1	0
4/16/2020 3:42 PM	0.6	-0.3	-0.5	0.1	0
4/16/2020 3:48 PM	0.6	-0.3	-0.5	0.1	0
4/16/2020 3:54 PM	0.6	-0.4	-0.4	0.1	0
4/16/2020 4:00 PM	0.6	-0.5	-0.5	0.1	0
4/16/2020 4:06 PM	0.6	-0.5	-0.5	0.1	0
4/16/2020 4:12 PM	0.6	-0.5	-0.5	0.1	0
4/16/2020 4:18 PM	0.6	-0.4	-0.5	0.1	0
4/16/2020 4:24 PM	0.6	-0.4	-0.5	0.1	0
4/16/2020 4:30 PM	0.6	-0.4	-0.5	0.1	0
4/16/2020 4:36 PM	0.6	-0.4	-0.5	0.1	0
4/16/2020 4:42 PM	0.6	-0.4	-0.5	0.1	0
4/16/2020 4:48 PM	0.6	-0.3	-0.5	0.1	0
4/16/2020 4:54 PM	0.6	-0.3	-0.5	0.1	0
4/16/2020 5:00 PM	0.7	-0.3	-0.5	0.1	0
4/16/2020 5:06 PM	0.7	-0.3	-0.5	0.1	0
4/16/2020 5:12 PM	0.7	-0.3	-0.5	0.1	0
4/16/2020 5:18 PM	0.7	-0.1	-0.5	0.1	0
4/16/2020 5:24 PM	0.7	0.2	-0.5	0.1	0
4/16/2020 5:30 PM	0.7	0.2	-0.5	0.1	0
4/16/2020 5:36 PM	0.7	0.2	-0.5	0.1	0
4/16/2020 5:42 PM	0.7	0.2	-0.6	0.1	0
4/16/2020 5:48 PM	0.6	0.2	-0.6	0.1	0
4/16/2020 5:54 PM	0.7	0.2	-0.6	0.1	0
4/16/2020 6:00 PM	0.7	0	14.6	4.8	0
4/16/2020 6:06 PM	0.7	-0.5	28	16.1	0
4/16/2020 6:12 PM	0.7	-0.7	14.2	11.7	0
4/16/2020 6:18 PM	0.6	-0.7	8	3.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 6:24 PM	0.6	-0.7	8	2.5	0
4/16/2020 6:30 PM	0.6	-0.8	7.6	1.1	0
4/16/2020 6:36 PM	0.6	-0.8	6.8	0.2	0
4/16/2020 6:42 PM	0.6	-0.8	6.5	0.1	0
4/16/2020 6:48 PM	0.6	-0.8	6.6	0.1	0
4/16/2020 6:54 PM	0.6	-0.8	6.6	0.1	0
4/16/2020 7:00 PM	0.6	-0.8	6.6	0.1	0
4/16/2020 7:06 PM	0.6	-0.9	6.7	0.1	0
4/16/2020 7:12 PM	0.6	-0.9	6.7	0.1	0
4/16/2020 7:18 PM	0.6	-0.9	6.7	0.1	0
4/16/2020 7:24 PM	0.6	-0.9	7	0.1	0
4/16/2020 7:30 PM	0.5	-0.9	7.2	0.1	0
4/16/2020 7:36 PM	0.5	-0.9	7.2	0.1	0
4/16/2020 7:42 PM	0.5	-0.9	7.2	0.1	0
4/16/2020 7:48 PM	0.5	-0.9	7.3	0.1	0
4/16/2020 7:54 PM	0.5	-0.9	7.5	0.1	0
4/16/2020 8:00 PM	0.5	-1	7.6	0.1	0
4/16/2020 8:06 PM	0.5	-1	7.6	0.1	0
4/16/2020 8:12 PM	0.5	-0.9	7.6	0.1	0
4/16/2020 8:18 PM	0.5	-1	7.8	0.1	0
4/16/2020 8:24 PM	0.5	-1	7.8	0.1	0
4/16/2020 8:30 PM	0.5	-0.9	7.8	0.1	0
4/16/2020 8:36 PM	0.5	-1	8	0.1	0
4/16/2020 8:42 PM	0.5	-1	7.2	0.1	0
4/16/2020 8:48 PM	0.5	-0.9	5.6	0.1	0
4/16/2020 8:54 PM	0.5	-0.9	5.3	0.1	0
4/16/2020 9:00 PM	0.5	-0.9	5.3	0.1	0
4/16/2020 9:06 PM	0.5	-0.9	5.3	0.1	0
4/16/2020 9:12 PM	0.5	-0.9	5.4	0.1	0
4/16/2020 9:18 PM	0.5	-0.9	5.5	0.1	0
4/16/2020 9:24 PM	0.5	-0.9	5.5	0.1	0
4/16/2020 9:30 PM	0.5	-1	5.5	0.1	0
4/16/2020 9:36 PM	0.5	-1	5.4	0.2	0
4/16/2020 9:42 PM	0.5	-1	5.3	0.2	0
4/16/2020 9:48 PM	0.4	-1	5.3	0.2	0
4/16/2020 9:54 PM	0.4	-0.9	5.3	0.2	0
4/16/2020 10:00 PM	0.4	-1	5.2	0.2	0
4/16/2020 10:06 PM	0.4	-1	5.2	0.2	0
4/16/2020 10:12 PM	0.4	-1	5.2	0.2	0
4/16/2020 10:18 PM	0.4	-0.9	5.4	0.2	0
4/16/2020 10:24 PM	0.4	-0.9	5.5	0.2	0
4/16/2020 10:30 PM	0.4	-0.9	5.6	0.2	0
4/16/2020 10:36 PM	0.4	-0.9	5.7	0.2	0
4/16/2020 10:42 PM	0.4	-1	5.7	0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/16/2020 10:48 PM	0.4	-0.9	5.8	0.2	0
4/16/2020 10:54 PM	0.4	-0.9	5.8	0.2	0
4/16/2020 11:00 PM	0.4	-1	5.9	0.2	0
4/16/2020 11:06 PM	0.4	-1	6	0.2	0
4/16/2020 11:12 PM	0.4	-1	6	0.2	0
4/16/2020 11:18 PM	0.4	-1	5.9	0.1	0
4/16/2020 11:24 PM	0.4	-1	6	0.2	0
4/16/2020 11:30 PM	0.4	-1	6	0.2	0
4/16/2020 11:36 PM	0.4	-0.9	6	0.2	0
4/16/2020 11:42 PM	0.4	-0.9	6.1	0.2	0
4/16/2020 11:48 PM	0.4	-0.9	6.1	0.2	0
4/16/2020 11:54 PM	0.4	-0.9	6	0.1	0
4/17/2020 12:00 AM	0.4	-0.9	6	0.2	0
4/17/2020 12:06 AM	0.4	-0.9	6	0.2	0
4/17/2020 12:12 AM	0.4	-0.9	6	0.1	0
4/17/2020 12:18 AM	0.4	-0.9	6	0.1	0
4/17/2020 12:24 AM	0.4	-1	5.9	0.2	0
4/17/2020 12:30 AM	0.4	-0.9	5.8	0.2	0
4/17/2020 12:36 AM	0.4	-0.9	5.7	0.2	0
4/17/2020 12:42 AM	0.4	-0.9	5.5	0.2	0
4/17/2020 12:48 AM	0.4	-0.9	5.3	0.2	0
4/17/2020 12:54 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:00 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:06 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:12 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:18 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:24 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:30 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:36 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:42 AM	0.4	-0.9	5.1	0.2	0
4/17/2020 1:48 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 1:54 AM	0.4	-0.9	5.2	0.2	0
4/17/2020 2:00 AM	0.4	-0.9	5.3	0.2	0
4/17/2020 2:06 AM	0.4	-0.9	5.4	0.2	0
4/17/2020 2:12 AM	0.4	-0.9	5.4	0.2	0
4/17/2020 2:18 AM	0.4	-0.9	5.4	0.2	0
4/17/2020 2:24 AM	0.4	-0.9	5.4	0.2	0
4/17/2020 2:30 AM	0.4	-0.9	5.3	0.2	0
4/17/2020 2:36 AM	0.4	-0.9	5.3	0.2	0
4/17/2020 2:42 AM	0.4	-0.9	5.3	0.2	0
4/17/2020 2:48 AM	0.4	-0.9	4.9	0.2	0
4/17/2020 2:54 AM	0.4	-0.9	3.9	0.2	0
4/17/2020 3:00 AM	0.4	-0.9	3.1	0.2	0
4/17/2020 3:06 AM	0.3	-0.9	2.8	0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/17/2020 3:12 AM	0.3	-0.9	2.7	0.2	0
4/17/2020 3:18 AM	0.3	-0.9	2.6	0.2	0
4/17/2020 3:24 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 3:30 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 3:36 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 3:42 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 3:48 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 3:54 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:00 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:06 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:12 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:18 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 4:24 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 4:30 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:36 AM	0.3	-0.9	2.3	0.2	0
4/17/2020 4:42 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 4:48 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 4:54 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 5:00 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 5:06 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 5:12 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 5:18 AM	0.3	-0.9	2.6	0.2	0
4/17/2020 5:24 AM	0.3	-0.9	2.6	0.2	0
4/17/2020 5:30 AM	0.3	-0.9	2.5	0.2	0
4/17/2020 5:36 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 5:42 AM	0.3	-0.9	2.4	0.2	0
4/17/2020 5:48 AM	0.4	-0.9	2.2	0.2	0
4/17/2020 5:54 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:00 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:06 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:12 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:18 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:24 AM	0.4	-0.9	2.2	0.1	0
4/17/2020 6:30 AM	0.4	-0.9	2.4	0.1	0
4/17/2020 6:36 AM	0.4	3.1	2.8	0.1	0
4/17/2020 6:42 AM	0.4	5.5	1.7	0.1	0
4/17/2020 6:48 AM	0.4	2	0.3	0.1	0
4/17/2020 6:54 AM	0.4	1.2	0.3	0.1	0
4/17/2020 7:00 AM	0.4	1.2	0.3	0	0
4/17/2020 7:06 AM	0.4	1.3	0.2	0	0
4/17/2020 7:12 AM	0.4	1.4	0.1	0	0
4/17/2020 7:18 AM	0.4	1.1	0.1	0	0
4/17/2020 7:24 AM	0.5	0.8	0.1	0	0
4/17/2020 7:30 AM	0.5	0.4	0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/17/2020 7:36 AM	0.5	0.6	0.1	0	0
4/17/2020 7:42 AM	0.5	1	0	0	0
4/17/2020 7:48 AM	0.5	0.8	0	0	0
4/17/2020 7:54 AM	0.5	0.5	0	0	0
4/17/2020 8:00 AM	0.5	0.2	0	0	0
4/17/2020 8:06 AM	0.5	0	0	0	0
4/17/2020 8:12 AM	0.6	-0.1	0	0	0
4/17/2020 8:18 AM	0.6	-0.2	-0.1	0	0
4/17/2020 8:24 AM	0.6	-0.2	-0.1	0	0
4/17/2020 8:30 AM	0.6	-0.3	-0.1	0	0
4/17/2020 8:36 AM	0.6	-0.3	-0.2	0	0
4/17/2020 8:42 AM	0.6	-0.4	-0.2	0	0
4/17/2020 8:48 AM	0.6	-0.4	-0.2	0	0
4/17/2020 8:54 AM	0.6	-0.4	-0.2	0.1	0
4/17/2020 9:00 AM	0.6	-0.4	-0.2	0.1	0
4/17/2020 9:06 AM	0.7	-0.3	-0.3	0.1	0
4/17/2020 9:12 AM	0.7	-0.1	-0.3	0.1	0
4/17/2020 9:18 AM	0.7	-0.1	-0.3	0.1	0
4/17/2020 9:24 AM	0.7	-0.2	-0.3	0.1	0
4/17/2020 9:30 AM	0.7	-0.2	-0.3	0.1	0
4/17/2020 9:36 AM	0.7	-0.2	-0.3	0.1	0
4/17/2020 9:42 AM	0.7	-0.2	-0.3	0.1	0
4/17/2020 9:48 AM	0.6	-0.1	-0.3	0.1	0
4/17/2020 9:54 AM	0.6	0.4	-0.3	0.1	0
4/17/2020 10:00 AM	0.6	0.8	-0.3	0.1	0
4/17/2020 10:06 AM	0.6	0.8	-0.3	0.1	0
4/17/2020 10:12 AM	0.6	0.8	-0.3	0.1	0.1
4/17/2020 10:18 AM	0.6	0.8	-0.3	0.1	0.1
4/17/2020 10:24 AM	0.6	0.7	-0.2	0.1	0
4/17/2020 10:30 AM	0.6	0.7	-0.2	0.1	0
4/17/2020 10:36 AM	0.6	0.3	10.2	0.1	0
4/17/2020 10:42 AM	0.6	-0.2	10.1	0.1	0
4/17/2020 10:48 AM	0.6	-0.2	5.1	0.1	0
4/17/2020 10:54 AM	0.6	-0.2	4.2	0	0
4/17/2020 11:00 AM	0.6	-0.3	4.2	0	0
4/17/2020 11:06 AM	0.6	-0.2	4.3	0	0
4/17/2020 11:12 AM	0.6	-0.2	4.4	0	0
4/17/2020 11:18 AM	0.6	-0.3	4.4	0	0
4/17/2020 11:24 AM	0.6	-0.3	4.4	0	0
4/17/2020 11:30 AM	0.7	-0.3	4.2	0	0
4/17/2020 11:36 AM	0.7	-0.3	4	0	0
4/17/2020 11:42 AM	0.7	-0.3	3.8	0	0
4/17/2020 11:48 AM	0.7	-0.3	3.7	0	0
4/17/2020 11:54 AM	0.7	-0.3	3.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/17/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/17/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/17/2020 12:12 PM	0.6	-0.3	3.3	0	0
4/17/2020 12:18 PM	0.6	-0.3	3.2	0	0
4/17/2020 12:24 PM	0.6	-0.3	3	0	0
4/17/2020 12:30 PM	0.6	-0.3	3	0	0
4/17/2020 12:36 PM	0.6	-0.3	2.9	0	0
4/17/2020 12:42 PM	0.6	-0.3	2.8	0	0
4/17/2020 12:48 PM	0.6	-0.3	2.8	0	0
4/17/2020 12:54 PM	0.6	-0.3	2.8	0	0
4/17/2020 1:00 PM	0.6	-0.3	2.8	0	0
4/17/2020 1:06 PM	0.6	-0.3	2.6	0	0
4/17/2020 1:12 PM	0.6	-0.3	2.4	0	0
4/17/2020 1:18 PM	0.6	-0.3	2.5	0	0
4/17/2020 1:24 PM	0.6	-0.3	2.5	0	0
4/17/2020 1:30 PM	0.6	-0.3	2.5	0	0
4/17/2020 1:36 PM	0.6	-0.3	2.5	0	0
4/17/2020 1:42 PM	0.6	-0.3	2.4	0	0
4/17/2020 1:48 PM	0.6	-0.3	2.4	0	0
4/17/2020 1:54 PM	0.6	-0.2	2.4	0	0
4/17/2020 2:00 PM	0.6	-0.2	2.3	0	0
4/17/2020 2:06 PM	0.6	-0.2	2.3	0	0
4/17/2020 2:12 PM	0.6	-0.2	2.4	0	0
4/17/2020 2:18 PM	0.6	-0.3	2.4	0	0
4/17/2020 2:24 PM	0.6	-0.3	2.5	0	0
4/17/2020 2:30 PM	0.6	-0.3	2.5	0	0
4/17/2020 2:36 PM	0.6	-0.3	2.5	0	0
4/17/2020 2:42 PM	0.6	-0.3	2.5	0	0
4/17/2020 2:48 PM	0.6	-0.3	2.4	0	0
4/17/2020 2:54 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:00 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:06 PM	0.6	-0.3	2.4	0	0
4/17/2020 3:12 PM	0.6	-0.3	2.4	0	0
4/17/2020 3:18 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:24 PM	0.6	-0.2	2.5	0	0
4/17/2020 3:30 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:36 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:42 PM	0.6	-0.2	2.5	0	0
4/17/2020 3:48 PM	0.6	-0.2	2.4	0	0
4/17/2020 3:54 PM	0.5	-0.3	2.4	0	0
4/17/2020 4:00 PM	0.5	-0.2	2.4	0	0
4/17/2020 4:06 PM	0.5	-0.2	2.5	0	0
4/17/2020 4:12 PM	0.5	-0.2	2.4	0	0
4/17/2020 4:18 PM	0.5	0	2.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/17/2020 4:24 PM	0.5	0.2	1.4	0.1	0
4/17/2020 4:30 PM	0.5	0.1	0.3	0.1	0
4/17/2020 4:36 PM	0.5	-0.1	0.1	0.1	0
4/17/2020 4:42 PM	0.5	-0.1	0	0.1	0
4/17/2020 4:48 PM	0.5	-0.1	-0.1	0.1	0
4/17/2020 4:54 PM	0.5	-0.2	-0.1	0	0
4/17/2020 5:00 PM	0.5	-0.2	-0.1	0	0
4/17/2020 5:06 PM	0.5	-0.2	-0.1	0	0
4/17/2020 5:12 PM	0.5	-0.2	-0.2	0	0
4/17/2020 5:18 PM	0.5	-0.2	-0.2	0	0
4/17/2020 5:24 PM	0.5	-0.2	-0.3	0	0
4/17/2020 5:30 PM	0.5	-0.2	-0.3	0	0
4/17/2020 5:36 PM	0.5	-0.1	-0.3	0	0
4/17/2020 5:42 PM	0.5	0.4	-0.2	0	0
4/17/2020 5:48 PM	0.5	0.9	-0.3	0.1	0
4/17/2020 5:54 PM	0.5	0.8	-0.3	0.1	0
4/17/2020 6:00 PM	0.5	0.7	-0.3	0.1	0
4/17/2020 6:06 PM	0.5	0.7	-0.3	0.1	0
4/17/2020 6:12 PM	0.5	0.7	-0.3	0.1	0
4/17/2020 6:18 PM	0.5	0.7	-0.3	0.1	0
4/17/2020 6:24 PM	0.5	0.7	-0.3	0.1	0
4/17/2020 6:30 PM	0.5	0.6	-0.4	0.1	0
4/17/2020 6:36 PM	0.5	0.6	-0.4	0.1	0
4/17/2020 6:42 PM	0.5	0.6	-0.4	0.1	0
4/17/2020 6:48 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 6:54 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:00 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:06 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:12 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:18 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:24 PM	0.5	0.6	-0.5	0.1	0
4/17/2020 7:30 PM	0.5	0.6	-0.5	0	0
4/17/2020 7:36 PM	0.5	0.4	8.6	0	0
4/17/2020 7:42 PM	0.5	0.1	12.9	0	0
4/17/2020 7:48 PM	0.5	0	5.8	0	0
4/17/2020 7:54 PM	0.5	-0.1	4.4	11.5	4.2
4/17/2020 8:00 PM	0.5	-0.1	4.4	16.1	9.8
4/17/2020 8:06 PM	0.5	-0.1	4.6	4	5.4
4/17/2020 8:12 PM	0.5	-0.1	4.4	1.2	1.9
4/17/2020 8:18 PM	0.5	-0.1	4.3	0.7	1
4/17/2020 8:24 PM	0.5	-0.1	4.2	0.5	0.6
4/17/2020 8:30 PM	0.5	0	4.1	0.4	0.4
4/17/2020 8:36 PM	0.5	-0.1	4.1	0.4	0.3
4/17/2020 8:42 PM	0.5	0	3.8	0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/17/2020 8:48 PM	0.5	0	3.3	0.2	0.3
4/17/2020 8:54 PM	0.5	0	3	0.1	0.2
4/17/2020 9:00 PM	0.5	0	2.8	0.1	0.2
4/17/2020 9:06 PM	0.5	0	2.7	0.1	0.2
4/17/2020 9:12 PM	0.5	-0.1	2.7	0.1	0.2
4/17/2020 9:18 PM	0.5	-0.1	2.5	0.1	0.1
4/17/2020 9:24 PM	0.5	-0.1	2.5	0.1	0.1
4/17/2020 9:30 PM	0.5	-0.1	2.6	0.1	0.1
4/17/2020 9:36 PM	0.5	-0.1	2.6	0.1	0.1
4/17/2020 9:42 PM	0.5	-0.2	2.6	0.1	0.1
4/17/2020 9:48 PM	0.5	-0.2	2.6	0.1	0.1
4/17/2020 9:54 PM	0.5	-0.2	2.7	0.1	0.1
4/17/2020 10:00 PM	0.5	-0.2	2.8	0.1	0.1
4/17/2020 10:06 PM	0.5	-0.2	2.9	0.1	0.1
4/17/2020 10:12 PM	0.5	-0.2	2.9	0.1	0.1
4/17/2020 10:18 PM	0.5	-0.2	2.8	0.1	0.1
4/17/2020 10:24 PM	0.5	-0.1	2.8	0.1	0.1
4/17/2020 10:30 PM	0.5	-0.1	2.8	0.1	0.1
4/17/2020 10:36 PM	0.5	-0.1	2.7	0.1	0.1
4/17/2020 10:42 PM	0.5	-0.1	2.7	0.1	0.1
4/17/2020 10:48 PM	0.5	-0.1	2.7	0.1	0.1
4/17/2020 10:54 PM	0.5	-0.1	2.8	0.1	0.1
4/17/2020 11:00 PM	0.5	-0.1	2.9	0.1	0.1
4/17/2020 11:06 PM	0.5	0	2.7	0.1	0.1
4/17/2020 11:12 PM	0.5	0.1	2.6	0.2	0.1
4/17/2020 11:18 PM	0.5	0	2.9	0.2	0.1
4/17/2020 11:24 PM	0.5	-0.1	3.5	0.2	0.1
4/17/2020 11:30 PM	0.5	-0.1	3.7	0.2	0.1
4/17/2020 11:36 PM	0.5	-0.1	3.6	0.2	0.1
4/17/2020 11:42 PM	0.5	-0.1	3.4	0.2	0.1
4/17/2020 11:48 PM	0.5	-0.1	3.4	0.2	0.1
4/17/2020 11:54 PM	0.5	-0.1	3.4	0.2	0.1
4/18/2020 12:00 AM	0.5	-0.1	3.3	0.2	0.1
4/18/2020 12:06 AM	0.5	-0.1	3.2	0.2	0.1
4/18/2020 12:12 AM	0.5	-0.1	3.2	0.2	0.1
4/18/2020 12:18 AM	0.5	-0.1	3.2	0.2	0.1
4/18/2020 12:24 AM	0.5	0	3.2	0.2	0.1
4/18/2020 12:30 AM	0.5	0	3.1	0.2	0.1
4/18/2020 12:36 AM	0.5	0	2.9	0.2	0.1
4/18/2020 12:42 AM	0.5	0	2.8	0.2	0.1
4/18/2020 12:48 AM	0.5	0	2.9	0.2	0.1
4/18/2020 12:54 AM	0.5	0	3	0.2	0.1
4/18/2020 1:00 AM	0.5	0.2	4.2	0.2	0.1
4/18/2020 1:06 AM	0.5	0.4	5.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 1:12 AM	0.5	0.1	4.4	0.2	0.1
4/18/2020 1:18 AM	0.5	-0.1	4.2	0.2	0.1
4/18/2020 1:24 AM	0.5	-0.1	3.9	0.2	0.1
4/18/2020 1:30 AM	0.5	-0.1	3.8	0.2	0.1
4/18/2020 1:36 AM	0.5	-0.1	3.8	0.2	0.1
4/18/2020 1:42 AM	0.5	-0.1	3.9	0.2	0.1
4/18/2020 1:48 AM	0.5	-0.1	3.8	0.2	0.1
4/18/2020 1:54 AM	0.5	-0.2	3.8	0.2	0.1
4/18/2020 2:00 AM	0.5	-0.2	3.8	0.2	0.1
4/18/2020 2:06 AM	0.5	-0.2	3.6	0.2	0.1
4/18/2020 2:12 AM	0.5	-0.2	3.7	0.2	0.1
4/18/2020 2:18 AM	0.5	-0.2	3.7	0.2	0.1
4/18/2020 2:24 AM	0.5	-0.2	3.7	0.1	0.1
4/18/2020 2:30 AM	0.5	-0.1	3.8	0.1	0.1
4/18/2020 2:36 AM	0.5	-0.2	3.8	0.1	0.1
4/18/2020 2:42 AM	0.5	-0.2	3.8	0.1	0.1
4/18/2020 2:48 AM	0.5	-0.2	3.4	0.2	0.1
4/18/2020 2:54 AM	0.5	-0.2	3	0.2	0.1
4/18/2020 3:00 AM	0.5	-0.3	2.7	0.2	0.1
4/18/2020 3:06 AM	0.5	-0.3	2.5	0.2	0.1
4/18/2020 3:12 AM	0.5	-0.2	2.5	0.2	0.1
4/18/2020 3:18 AM	0.5	-0.2	2.6	0.2	0.1
4/18/2020 3:24 AM	0.5	-0.2	2.6	0.2	0.1
4/18/2020 3:30 AM	0.5	-0.2	2.6	0.2	0.1
4/18/2020 3:36 AM	0.5	-0.2	2.6	0.1	0.1
4/18/2020 3:42 AM	0.5	-0.2	2.6	0.1	0.1
4/18/2020 3:48 AM	0.5	-0.2	2.8	0.2	0.1
4/18/2020 3:54 AM	0.5	-0.2	3	0.2	0.1
4/18/2020 4:00 AM	0.5	-0.2	3	0.2	0.1
4/18/2020 4:06 AM	0.5	-0.2	2.8	0.2	0.1
4/18/2020 4:12 AM	0.5	-0.2	2.4	0.2	0.1
4/18/2020 4:18 AM	0.6	-0.2	2.4	0.2	0.1
4/18/2020 4:24 AM	0.6	-0.1	2.8	0.2	0.1
4/18/2020 4:30 AM	0.6	-0.1	2.7	0.2	0.1
4/18/2020 4:36 AM	0.6	-0.1	2.5	0.2	0.1
4/18/2020 4:42 AM	0.6	-0.1	2.5	0.2	0.1
4/18/2020 4:48 AM	0.6	-0.1	2.3	0.2	0.1
4/18/2020 4:54 AM	0.6	0.2	1.3	0.2	0.1
4/18/2020 5:00 AM	0.6	0.3	0.3	0.1	0.1
4/18/2020 5:06 AM	0.5	0.1	0.2	0.1	0.1
4/18/2020 5:12 AM	0.5	0	0	0.1	0.1
4/18/2020 5:18 AM	0.5	0	0	0.1	0.1
4/18/2020 5:24 AM	0.5	0	0	0.1	0.1
4/18/2020 5:30 AM	0.5	0	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 5:36 AM	0.5	-0.1	-0.1	0.1	0.1
4/18/2020 5:42 AM	0.5	-0.1	-0.1	0.1	0.1
4/18/2020 5:48 AM	0.5	-0.1	-0.1	0.1	0.1
4/18/2020 5:54 AM	0.6	-0.1	-0.2	0.1	0.1
4/18/2020 6:00 AM	0.6	-0.1	-0.2	0.1	0.1
4/18/2020 6:06 AM	0.6	-0.1	-0.2	0.1	0.1
4/18/2020 6:12 AM	0.6	-0.1	-0.2	0.1	0.1
4/18/2020 6:18 AM	0.6	0.1	-0.2	0.1	0.1
4/18/2020 6:24 AM	0.6	0.1	-0.2	0.1	0.1
4/18/2020 6:30 AM	0.6	0	-0.1	0.1	0.1
4/18/2020 6:36 AM	0.6	0	-0.1	0.1	0.1
4/18/2020 6:42 AM	0.6	0	-0.1	0.1	0.1
4/18/2020 6:48 AM	0.6	0	-0.2	0.1	0.1
4/18/2020 6:54 AM	0.6	0	-0.2	0.1	0.1
4/18/2020 7:00 AM	0.6	0	-0.2	0.1	0.1
4/18/2020 7:06 AM	0.6	0	-0.3	0.1	0.1
4/18/2020 7:12 AM	0.6	0	-0.3	0.1	0.1
4/18/2020 7:18 AM	0.6	0	-0.3	0.1	0.1
4/18/2020 7:24 AM	0.6	0	-0.3	0.1	0.1
4/18/2020 7:30 AM	0.6	0	-0.3	0.1	0.1
4/18/2020 7:36 AM	0.6	0	-0.2	0.2	0.1
4/18/2020 7:42 AM	0.6	0	-0.2	0.2	0.1
4/18/2020 7:48 AM	0.6	0	-0.3	0.2	0.1
4/18/2020 7:54 AM	0.6	0.3	-0.3	0.2	0.1
4/18/2020 8:00 AM	0.6	0.4	-0.3	0.2	0.1
4/18/2020 8:06 AM	0.6	0.3	-0.3	0.2	0.1
4/18/2020 8:12 AM	0.6	0.4	-0.3	0.2	0.1
4/18/2020 8:18 AM	0.6	0.4	-0.4	0.2	0.1
4/18/2020 8:24 AM	0.6	0.5	-0.4	0.2	0.1
4/18/2020 8:30 AM	0.6	0.8	-0.4	0.2	0.1
4/18/2020 8:36 AM	0.6	0.9	-0.4	0.2	0.1
4/18/2020 8:42 AM	0.6	0.8	-0.4	0.2	0.1
4/18/2020 8:48 AM	0.6	0.8	-0.4	0.2	0.1
4/18/2020 8:54 AM	0.6	0.8	-0.4	0.2	0.1
4/18/2020 9:00 AM	0.5	0.8	-0.4	0.2	0.1
4/18/2020 9:06 AM	0.5	0.8	-0.4	0.2	0.1
4/18/2020 9:12 AM	0.5	0.8	-0.4	0.2	0.1
4/18/2020 9:18 AM	0.5	0.8	-0.4	0.2	0.1
4/18/2020 9:24 AM	0.5	0.7	4.6	0.2	0.1
4/18/2020 9:30 AM	0.5	0.1	11.2	0.2	0.1
4/18/2020 9:36 AM	0.5	-0.3	8.6	0.2	0.1
4/18/2020 9:42 AM	0.5	-0.2	4.9	0.1	0.1
4/18/2020 9:48 AM	0.5	-0.2	4.3	0.1	0.1
4/18/2020 9:54 AM	0.5	-0.1	4.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 10:00 AM	0.5	-0.1	4.5	0.1	0.1
4/18/2020 10:06 AM	0.5	-0.1	4.5	0.1	0.1
4/18/2020 10:12 AM	0.5	-0.1	4.5	0.1	0.1
4/18/2020 10:18 AM	0.5	-0.1	4.6	0.1	0.1
4/18/2020 10:24 AM	0.5	-0.1	4.5	0.1	0.1
4/18/2020 10:30 AM	0.5	-0.1	4.3	0.1	0.1
4/18/2020 10:36 AM	0.5	-0.1	4	0.1	0.1
4/18/2020 10:42 AM	0.5	-0.1	3.8	0.2	0.1
4/18/2020 10:48 AM	0.5	-0.1	3.5	0.2	0.1
4/18/2020 10:54 AM	0.5	-0.1	3.3	0.2	0.1
4/18/2020 11:00 AM	0.5	-0.1	3.2	0.1	0.1
4/18/2020 11:06 AM	0.5	-0.1	3	0.1	0.1
4/18/2020 11:12 AM	0.5	-0.1	3.1	0.1	0.1
4/18/2020 11:18 AM	0.5	-0.2	3.2	0.1	0.1
4/18/2020 11:24 AM	0.5	-0.1	3.2	0.1	0.1
4/18/2020 11:30 AM	0.5	-0.1	3.1	0.1	0.1
4/18/2020 11:36 AM	0.5	-0.1	3	0.1	0.1
4/18/2020 11:42 AM	0.5	-0.1	3	0.1	0.1
4/18/2020 11:48 AM	0.5	-0.2	3	0.1	0.1
4/18/2020 11:54 AM	0.5	-0.2	3.1	0.1	0.1
4/18/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/18/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/18/2020 12:12 PM	-0.4	-0.4	3	-0.1	0
4/18/2020 12:18 PM	-0.4	-0.4	3	-0.1	0
4/18/2020 12:24 PM	-0.4	-0.4	3	-0.1	0
4/18/2020 12:30 PM	-0.4	-0.4	2.8	-0.1	0
4/18/2020 12:36 PM	-0.4	-0.4	2.8	-0.1	0
4/18/2020 12:42 PM	-0.4	-0.4	2.7	-0.1	0
4/18/2020 12:48 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 12:54 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 1:00 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 1:06 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 1:12 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 1:18 PM	-0.4	-0.4	2.5	-0.1	0
4/18/2020 1:24 PM	-0.4	-0.4	2.4	-0.1	0
4/18/2020 1:30 PM	-0.4	-0.4	2.5	-0.1	0
4/18/2020 1:36 PM	-0.4	-0.4	2.6	-0.1	0
4/18/2020 1:42 PM	-0.4	-0.3	2.6	-0.1	0
4/18/2020 1:48 PM	-0.4	-0.3	2.6	-0.1	0
4/18/2020 1:54 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 2:00 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 2:06 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 2:12 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 2:18 PM	-0.3	-0.3	2.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 2:24 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 2:30 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 2:36 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 2:42 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 2:48 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 2:54 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 3:00 PM	-0.3	-0.4	2.7	-0.1	0
4/18/2020 3:06 PM	-0.3	-0.5	2.8	-0.1	0
4/18/2020 3:12 PM	-0.3	-0.5	2.8	-0.1	0
4/18/2020 3:18 PM	-0.3	-0.5	2.7	-0.1	0
4/18/2020 3:24 PM	-0.3	-0.5	2.8	-0.1	0
4/18/2020 3:30 PM	-0.3	-0.4	2.8	-0.1	0
4/18/2020 3:36 PM	-0.3	-0.4	2.7	-0.1	0
4/18/2020 3:42 PM	-0.3	-0.4	2.7	-0.1	0
4/18/2020 3:48 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 3:54 PM	-0.3	-0.3	3	-0.1	0
4/18/2020 4:00 PM	-0.3	-0.3	3	-0.1	0
4/18/2020 4:06 PM	-0.3	-0.3	3	0	0
4/18/2020 4:12 PM	-0.3	-0.3	3.2	0	0
4/18/2020 4:18 PM	-0.3	-0.3	3.2	-0.1	0
4/18/2020 4:24 PM	-0.3	-0.3	3	-0.1	0
4/18/2020 4:30 PM	-0.3	-0.4	2.8	-0.1	0
4/18/2020 4:36 PM	-0.3	-0.4	2.9	-0.1	0
4/18/2020 4:42 PM	-0.3	-0.4	2.7	-0.1	0
4/18/2020 4:48 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 4:54 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 5:00 PM	-0.3	-0.4	2.7	-0.1	0
4/18/2020 5:06 PM	-0.3	-0.4	2.8	-0.1	0
4/18/2020 5:12 PM	-0.3	-0.4	2.8	-0.1	0
4/18/2020 5:18 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 5:24 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 5:30 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 5:36 PM	-0.3	-0.3	2.9	-0.1	0
4/18/2020 5:42 PM	-0.3	-0.3	2.8	-0.1	0
4/18/2020 5:48 PM	-0.3	-0.3	2.7	-0.1	0
4/18/2020 5:54 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 6:00 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 6:06 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 6:12 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 6:18 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 6:24 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 6:30 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 6:36 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 6:42 PM	-0.3	-0.3	2.4	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 6:48 PM	-0.3	-0.3	2.4	-0.1	0
4/18/2020 6:54 PM	-0.3	-0.3	2.4	-0.1	0
4/18/2020 7:00 PM	-0.3	-0.3	2.4	-0.1	0
4/18/2020 7:06 PM	-0.3	-0.3	2.4	-0.1	0
4/18/2020 7:12 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 7:18 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 7:24 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 7:30 PM	-0.3	-0.3	2.5	-0.1	0
4/18/2020 7:36 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 7:42 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 7:48 PM	-0.3	-0.4	2.6	-0.1	0
4/18/2020 7:54 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 8:00 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 8:06 PM	-0.3	-0.3	2.6	-0.1	0
4/18/2020 8:12 PM	-0.3	-0.1	2.4	-0.1	0
4/18/2020 8:18 PM	-0.3	0.4	1.3	-0.1	0
4/18/2020 8:24 PM	-0.3	0.1	0.5	-0.1	0
4/18/2020 8:30 PM	-0.3	-0.1	0.5	-0.1	0
4/18/2020 8:36 PM	-0.3	-0.2	0.4	-0.1	0
4/18/2020 8:42 PM	-0.3	-0.2	0.3	-0.1	0
4/18/2020 8:48 PM	-0.3	-0.2	0.2	-0.1	0
4/18/2020 8:54 PM	-0.3	-0.3	0.1	-0.1	0
4/18/2020 9:00 PM	-0.3	-0.3	0	-0.1	0
4/18/2020 9:06 PM	-0.3	-0.4	0	-0.1	0
4/18/2020 9:12 PM	-0.3	-0.4	0	-0.1	0
4/18/2020 9:18 PM	-0.3	-0.4	-0.1	-0.1	0
4/18/2020 9:24 PM	-0.3	-0.4	-0.2	-0.1	0
4/18/2020 9:30 PM	-0.3	-0.4	-0.2	-0.1	0
4/18/2020 9:36 PM	-0.3	-0.4	-0.2	-0.1	0
4/18/2020 9:42 PM	-0.3	-0.4	-0.2	-0.1	0
4/18/2020 9:48 PM	-0.4	-0.4	-0.3	-0.1	0
4/18/2020 9:54 PM	-0.4	-0.4	-0.3	-0.1	0
4/18/2020 10:00 PM	-0.4	-0.4	-0.3	-0.1	0
4/18/2020 10:06 PM	-0.4	-0.4	-0.4	-0.1	0
4/18/2020 10:12 PM	-0.4	-0.4	-0.4	-0.1	0
4/18/2020 10:18 PM	-0.4	-0.4	-0.4	-0.1	0
4/18/2020 10:24 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 10:30 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 10:36 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 10:42 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 10:48 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 10:54 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:00 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:06 PM	-0.4	-0.5	-0.4	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/18/2020 11:12 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:18 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:24 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:30 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:36 PM	-0.4	-0.5	-0.5	-0.1	0
4/18/2020 11:42 PM	-0.4	-0.5	-0.5	-0.1	0
4/18/2020 11:48 PM	-0.4	-0.5	-0.4	-0.1	0
4/18/2020 11:54 PM	-0.4	-0.5	-0.5	-0.1	0
4/19/2020 12:00 AM	-0.4	-0.5	-0.5	-0.1	0
4/19/2020 12:06 AM	-0.4	-0.5	-0.5	-0.1	0
4/19/2020 12:12 AM	-0.4	-0.5	-0.5	-0.1	0
4/19/2020 12:18 AM	-0.4	-0.5	-0.5	-0.1	0
4/19/2020 12:24 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 12:30 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 12:36 AM	-0.5	-0.5	-0.5	-0.1	0
4/19/2020 12:42 AM	-0.5	-0.5	-0.5	-0.1	0
4/19/2020 12:48 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 12:54 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:00 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:06 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:12 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:18 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:24 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:30 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:36 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:42 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:48 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 1:54 AM	-0.5	-0.5	-0.6	-0.1	0
4/19/2020 2:00 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:06 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:12 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:18 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:24 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:30 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:36 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:42 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:48 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 2:54 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:00 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:06 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:12 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:18 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:24 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 3:30 AM	-0.5	-0.5	-0.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/19/2020 3:36 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 3:42 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 3:48 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 3:54 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 4:00 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 4:06 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 4:12 AM	-0.5	-0.5	-0.7	-0.1	0
4/19/2020 4:18 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 4:24 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 4:30 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 4:36 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 4:42 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 4:48 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 4:54 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 5:00 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 5:06 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 5:12 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 5:18 AM	-0.5	-0.6	-0.8	-0.1	0
4/19/2020 5:24 AM	-0.5	-0.5	-0.8	-0.1	0
4/19/2020 5:30 AM	-0.5	-0.5	-0.9	-0.1	0
4/19/2020 5:36 AM	-0.5	-0.5	-0.9	-0.1	0
4/19/2020 5:42 AM	-0.5	-0.5	-0.9	-0.1	0
4/19/2020 5:48 AM	-0.5	-0.5	-0.9	-0.1	0
4/19/2020 5:54 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:00 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:06 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:12 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:18 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:24 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:30 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:36 AM	-0.5	-0.4	-1	-0.1	0
4/19/2020 6:42 AM	-0.5	-0.4	-1	-0.2	0
4/19/2020 6:48 AM	-0.5	-0.4	-0.9	-0.2	0
4/19/2020 6:54 AM	-0.5	-0.5	-0.9	-0.2	0
4/19/2020 7:00 AM	-0.5	-0.4	-0.9	-0.2	0
4/19/2020 7:06 AM	-0.5	-0.4	-0.9	-0.2	0
4/19/2020 7:12 AM	-0.4	-0.4	-0.9	-0.2	0
4/19/2020 7:18 AM	-0.4	-0.4	-0.9	-0.2	0
4/19/2020 7:24 AM	-0.4	-0.4	-0.9	-0.2	0
4/19/2020 7:30 AM	-0.4	-0.4	-0.9	-0.2	0
4/19/2020 7:36 AM	-0.4	-0.4	-0.9	-0.2	0
4/19/2020 7:42 AM	-0.4	-0.3	-0.8	-0.2	0
4/19/2020 7:48 AM	-0.4	-0.2	-0.8	-0.2	0
4/19/2020 7:54 AM	-0.4	-0.3	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/19/2020 8:00 AM	-0.4	-0.4	-0.8	-0.2	0
4/19/2020 8:06 AM	-0.4	-0.4	-0.8	-0.2	0
4/19/2020 8:12 AM	-0.3	-0.4	-0.7	-0.2	0
4/19/2020 8:18 AM	-0.3	-0.5	-0.7	-0.2	0
4/19/2020 8:24 AM	-0.3	-0.5	-0.7	-0.2	0
4/19/2020 8:30 AM	-0.3	-0.4	-0.7	-0.2	0
4/19/2020 8:36 AM	-0.3	-0.4	-0.7	-0.2	0
4/19/2020 8:42 AM	-0.3	-0.4	-0.7	-0.2	0
4/19/2020 8:48 AM	-0.3	-0.4	-0.8	-0.2	0
4/19/2020 8:54 AM	-0.3	-0.4	-0.8	-0.2	0
4/19/2020 9:00 AM	-0.3	-0.4	-0.8	-0.2	0
4/19/2020 9:06 AM	-0.3	-0.4	-0.8	-0.2	0
4/19/2020 9:12 AM	-0.3	0.1	-0.8	-0.2	0
4/19/2020 9:18 AM	-0.2	0.3	-0.8	-0.2	0
4/19/2020 9:24 AM	-0.2	0.2	-0.8	-0.2	0
4/19/2020 9:30 AM	-0.2	0.1	-0.8	-0.2	0
4/19/2020 9:36 AM	-0.2	0	-0.8	-0.2	0
4/19/2020 9:42 AM	-0.2	0.1	-0.8	-0.2	0
4/19/2020 9:48 AM	-0.2	0.1	-0.8	-0.2	0
4/19/2020 9:54 AM	-0.2	0.1	-0.8	-0.2	0
4/19/2020 10:00 AM	-0.2	0.1	-0.8	-0.2	0
4/19/2020 10:06 AM	-0.2	0	-0.8	-0.2	0
4/19/2020 10:12 AM	-0.2	0.5	-0.8	-0.2	0.1
4/19/2020 10:18 AM	-0.2	0.9	-0.8	-0.2	0.1
4/19/2020 10:24 AM	-0.2	0.8	-0.8	-0.2	0.1
4/19/2020 10:30 AM	-0.2	0.7	-0.8	-0.2	0
4/19/2020 10:36 AM	-0.2	0.7	-0.7	-0.2	0
4/19/2020 10:42 AM	-0.2	0.7	-0.7	-0.2	0
4/19/2020 10:48 AM	-0.2	0.7	-0.7	-0.2	0
4/19/2020 10:54 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:00 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:06 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:12 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:18 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:24 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:30 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:36 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:42 AM	-0.1	0.7	-0.7	-0.2	0.1
4/19/2020 11:48 AM	0	0.7	-0.7	-0.2	0.1
4/19/2020 11:54 AM	0	0.7	-0.7	-0.2	0.1
4/19/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/19/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/19/2020 12:12 PM	-0.2	0.9	-0.8	-0.2	0
4/19/2020 12:18 PM	-0.2	0.9	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/19/2020 12:24 PM	-0.2	0.9	-0.8	-0.2	0
4/19/2020 12:30 PM	-0.2	1	-0.8	-0.2	0
4/19/2020 12:36 PM	-0.2	1	-0.8	-0.2	0
4/19/2020 12:42 PM	-0.2	1	-0.8	-0.2	0
4/19/2020 12:48 PM	-0.2	1	-0.8	-0.2	0
4/19/2020 12:54 PM	-0.2	1	-0.8	-0.2	0
4/19/2020 1:00 PM	-0.2	0.9	-0.8	-0.2	0
4/19/2020 1:06 PM	-0.2	0.6	15	-0.2	0
4/19/2020 1:12 PM	-0.2	-0.1	22.1	-0.2	0
4/19/2020 1:18 PM	-0.2	-0.3	9.4	-0.2	0
4/19/2020 1:24 PM	-0.2	-0.1	7	-0.2	0
4/19/2020 1:30 PM	-0.2	-0.1	5.4	-0.2	0
4/19/2020 1:36 PM	-0.2	0	4.2	-0.2	0
4/19/2020 1:42 PM	-0.2	0	3.8	-0.2	0
4/19/2020 1:48 PM	-0.2	-0.1	3.8	-0.2	0
4/19/2020 1:54 PM	-0.2	0	3.9	-0.2	0
4/19/2020 2:00 PM	-0.2	-0.1	3.9	-0.2	0
4/19/2020 2:06 PM	-0.2	-0.1	4	-0.2	0
4/19/2020 2:12 PM	-0.2	-0.1	4.4	-0.2	0
4/19/2020 2:18 PM	-0.2	-0.2	4.6	-0.2	0
4/19/2020 2:24 PM	-0.2	-0.2	4.7	-0.2	0
4/19/2020 2:30 PM	-0.2	-0.2	4.5	-0.2	0
4/19/2020 2:36 PM	-0.2	-0.2	4.4	-0.2	0
4/19/2020 2:42 PM	-0.2	-0.2	4.2	-0.2	0
4/19/2020 2:48 PM	-0.2	-0.2	3.9	-0.2	0
4/19/2020 2:54 PM	-0.2	-0.2	3.7	-0.2	0
4/19/2020 3:00 PM	-0.2	-0.2	3.6	-0.2	0
4/19/2020 3:06 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 3:12 PM	-0.2	-0.3	3.3	-0.2	0
4/19/2020 3:18 PM	-0.2	-0.2	3.2	-0.2	0
4/19/2020 3:24 PM	-0.2	-0.2	3.2	-0.2	0
4/19/2020 3:30 PM	-0.2	-0.2	3.3	-0.2	0
4/19/2020 3:36 PM	-0.2	-0.2	3.5	-0.2	0
4/19/2020 3:42 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 3:48 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 3:54 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 4:00 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 4:06 PM	-0.2	-0.3	3.6	-0.2	0
4/19/2020 4:12 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 4:18 PM	-0.2	-0.3	3.5	-0.2	0
4/19/2020 4:24 PM	-0.2	-0.3	3.6	-0.2	0
4/19/2020 4:30 PM	-0.2	-0.3	3.3	-0.2	0
4/19/2020 4:36 PM	-0.2	-0.3	3	-0.2	0
4/19/2020 4:42 PM	-0.2	-0.3	2.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/19/2020 4:48 PM	-0.2	-0.3	2.9	-0.2	0
4/19/2020 4:54 PM	-0.2	-0.3	2.9	-0.2	0
4/19/2020 5:00 PM	-0.2	-0.3	2.8	-0.2	0
4/19/2020 5:06 PM	-0.2	-0.3	2.8	-0.2	0
4/19/2020 5:12 PM	-0.2	-0.3	2.8	-0.2	0
4/19/2020 5:18 PM	-0.2	-0.3	2.8	-0.2	0
4/19/2020 5:24 PM	-0.2	-0.3	2.8	-0.2	0
4/19/2020 5:30 PM	-0.2	-0.3	2.7	-0.2	0
4/19/2020 5:36 PM	-0.2	-0.3	2.7	-0.2	0
4/19/2020 5:42 PM	-0.2	-0.3	2.6	-0.2	0
4/19/2020 5:48 PM	-0.2	-0.3	2.6	-0.2	0
4/19/2020 5:54 PM	-0.3	-0.3	2.6	-0.2	0
4/19/2020 6:00 PM	-0.3	-0.3	2.6	-0.2	0
4/19/2020 6:06 PM	-0.3	-0.3	2.6	-0.2	0
4/19/2020 6:12 PM	-0.3	-0.3	2.5	-0.2	0
4/19/2020 6:18 PM	-0.3	-0.2	2.6	-0.2	0
4/19/2020 6:24 PM	-0.3	-0.3	2.7	-0.2	0
4/19/2020 6:30 PM	-0.3	-0.3	2.7	-0.2	0
4/19/2020 6:36 PM	-0.3	-0.3	2.6	-0.2	0
4/19/2020 6:42 PM	-0.3	-0.2	2.6	-0.2	0
4/19/2020 6:48 PM	-0.3	0.4	2.4	-0.2	0
4/19/2020 6:54 PM	-0.3	0.8	1.2	-0.2	0
4/19/2020 7:00 PM	-0.3	0.4	0.2	-0.2	0
4/19/2020 7:06 PM	-0.3	0.2	0.1	-0.2	0
4/19/2020 7:12 PM	-0.3	0.1	0.1	-0.2	0
4/19/2020 7:18 PM	-0.3	0.1	0	-0.2	0
4/19/2020 7:24 PM	-0.3	0.1	-0.1	-0.2	0
4/19/2020 7:30 PM	-0.3	0	-0.1	-0.2	0
4/19/2020 7:36 PM	-0.3	0	-0.2	-0.2	0
4/19/2020 7:42 PM	-0.3	0.7	-0.2	-0.2	0
4/19/2020 7:48 PM	-0.3	1.1	-0.2	-0.2	0
4/19/2020 7:54 PM	-0.3	0.9	-0.2	-0.2	0
4/19/2020 8:00 PM	-0.3	0.8	-0.2	-0.2	0
4/19/2020 8:06 PM	-0.3	0.9	-0.3	-0.2	0
4/19/2020 8:12 PM	-0.3	0.9	-0.3	-0.2	0
4/19/2020 8:18 PM	-0.3	0.9	-0.3	-0.2	0
4/19/2020 8:24 PM	-0.3	0.8	-0.3	-0.2	0
4/19/2020 8:30 PM	-0.3	0.8	-0.3	-0.2	0
4/19/2020 8:36 PM	-0.3	0.8	-0.3	-0.2	0
4/19/2020 8:42 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 8:48 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 8:54 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 9:00 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 9:06 PM	-0.3	0.9	-0.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/19/2020 9:12 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 9:18 PM	-0.3	0.9	-0.4	-0.2	0
4/19/2020 9:24 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 9:30 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 9:36 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 9:42 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 9:48 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 9:54 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:00 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:06 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:12 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:18 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:24 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:30 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:36 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:42 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:48 PM	-0.3	0.9	-0.5	-0.2	0
4/19/2020 10:54 PM	-0.3	1	-0.6	-0.2	0
4/19/2020 11:00 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:06 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:12 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:18 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:24 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:30 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:36 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:42 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:48 PM	-0.3	0.9	-0.6	-0.2	0
4/19/2020 11:54 PM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:00 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:06 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 12:12 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 12:18 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:24 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:30 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:36 AM	-0.3	1	-0.6	-0.2	0
4/20/2020 12:42 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:48 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 12:54 AM	-0.3	1	-0.6	-0.2	0
4/20/2020 1:00 AM	-0.3	1	-0.6	-0.2	0
4/20/2020 1:06 AM	-0.3	1	-0.7	-0.2	0
4/20/2020 1:12 AM	-0.3	1	-0.7	-0.2	0
4/20/2020 1:18 AM	-0.3	1	-0.7	-0.2	0
4/20/2020 1:24 AM	-0.3	1	-0.7	-0.2	0
4/20/2020 1:30 AM	-0.3	1	-0.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 1:36 AM	-0.3	0.9	-0.6	-0.2	0
4/20/2020 1:42 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 1:48 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 1:54 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 2:00 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 2:06 AM	-0.3	0.8	-0.7	-0.2	0
4/20/2020 2:12 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 2:18 AM	-0.3	0.9	-0.7	-0.2	0
4/20/2020 2:24 AM	-0.3	0.9	-0.7	-0.1	0
4/20/2020 2:30 AM	-0.3	0.6	-0.7	-0.1	0
4/20/2020 2:36 AM	-0.3	0	-0.7	-0.1	0
4/20/2020 2:42 AM	-0.3	-0.1	-0.7	-0.1	0
4/20/2020 2:48 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 2:54 AM	-0.3	-0.3	-0.7	-0.2	0
4/20/2020 3:00 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:06 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:12 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:18 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:24 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:30 AM	-0.3	-0.2	-0.7	-0.2	0
4/20/2020 3:36 AM	-0.3	-0.1	-0.7	-0.1	0
4/20/2020 3:42 AM	-0.3	-0.1	-0.7	-0.1	0
4/20/2020 3:48 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 3:54 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:00 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:06 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:12 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:18 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:24 AM	-0.3	-0.1	-0.8	-0.2	0
4/20/2020 4:30 AM	-0.3	-0.1	-0.8	-0.2	0
4/20/2020 4:36 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:42 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:48 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 4:54 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 5:00 AM	-0.3	-0.1	-0.8	-0.1	0
4/20/2020 5:06 AM	-0.3	-0.2	-0.8	-0.1	0
4/20/2020 5:12 AM	-0.3	-0.2	-0.8	-0.1	0
4/20/2020 5:18 AM	-0.3	-0.3	-0.8	-0.2	0
4/20/2020 5:24 AM	-0.3	-0.4	-0.8	-0.2	0
4/20/2020 5:30 AM	-0.3	-0.4	-0.8	-0.1	0
4/20/2020 5:36 AM	-0.3	-0.3	-0.8	-0.1	0
4/20/2020 5:42 AM	-0.3	-0.3	-0.8	-0.1	0
4/20/2020 5:48 AM	-0.3	-0.4	-0.8	-0.1	0
4/20/2020 5:54 AM	-0.3	-0.4	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 6:00 AM	-0.4	-0.4	-0.8	-0.2	0
4/20/2020 6:06 AM	-0.4	-0.3	-0.8	-0.2	0
4/20/2020 6:12 AM	-0.4	-0.3	-0.8	-0.2	0
4/20/2020 6:18 AM	-0.4	-0.3	-0.8	-0.2	0
4/20/2020 6:24 AM	-0.4	-0.3	-0.8	-0.2	0
4/20/2020 6:30 AM	-0.4	-0.3	-0.8	-0.2	0
4/20/2020 6:36 AM	-0.4	-0.3	-0.8	-0.1	0
4/20/2020 6:42 AM	-0.4	-0.3	-0.8	-0.1	0
4/20/2020 6:48 AM	-0.4	0	-0.9	-0.1	0
4/20/2020 6:54 AM	-0.4	0.3	-0.9	-0.1	0
4/20/2020 7:00 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:06 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:12 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:18 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:24 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:30 AM	-0.4	0.2	-0.9	-0.1	0
4/20/2020 7:36 AM	-0.4	0.1	-0.9	-0.1	0
4/20/2020 7:42 AM	-0.5	0.2	-0.9	-0.1	0
4/20/2020 7:48 AM	-0.5	0.2	-0.9	-0.1	0
4/20/2020 7:54 AM	-0.5	0.1	-0.9	-0.1	0
4/20/2020 8:00 AM	-0.5	0.1	-1	-0.1	0
4/20/2020 8:06 AM	-0.5	0.2	-0.9	-0.1	0
4/20/2020 8:12 AM	-0.5	0.9	-0.9	-0.1	0
4/20/2020 8:18 AM	-0.5	1.1	-1	-0.1	0
4/20/2020 8:24 AM	-0.5	1	-1	-0.1	0
4/20/2020 8:30 AM	-0.5	0.9	-1	-0.1	0
4/20/2020 8:36 AM	-0.5	0.9	-1	-0.1	0
4/20/2020 8:42 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 8:48 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 8:54 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:00 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:06 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:12 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:18 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:24 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 9:30 AM	-0.5	0.8	-0.7	-0.1	0
4/20/2020 9:36 AM	-0.5	0.8	-0.5	-0.1	0
4/20/2020 9:42 AM	-0.5	0.8	-0.8	-0.1	0
4/20/2020 9:48 AM	-0.5	0.8	-0.9	-0.1	0
4/20/2020 9:54 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:00 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:06 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:12 AM	-0.5	0.7	-1	-0.1	0
4/20/2020 10:18 AM	-0.5	0.7	-1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 10:24 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:30 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:36 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 10:42 AM	-0.5	0.7	-1	-0.1	0
4/20/2020 10:48 AM	-0.5	0.7	-1	-0.1	0
4/20/2020 10:54 AM	-0.5	0.7	-1	-0.1	0
4/20/2020 11:00 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:06 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:12 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:18 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:24 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:30 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:36 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:42 AM	-0.5	0.8	-1	-0.1	0
4/20/2020 11:48 AM	-0.5	0.5	11.6	-0.2	0
4/20/2020 11:54 AM	-0.5	-0.2	17.5	-0.2	0
4/20/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/20/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/20/2020 12:12 PM	-0.3	-0.1	4.9	-0.1	0
4/20/2020 12:18 PM	-0.2	-0.2	3.4	-0.1	0
4/20/2020 12:24 PM	-0.2	-0.1	3.1	-0.1	0
4/20/2020 12:30 PM	-0.2	-0.1	3.2	-0.1	0
4/20/2020 12:36 PM	-0.2	-0.2	3.3	-0.1	0
4/20/2020 12:42 PM	-0.2	-0.2	3.3	-0.1	0
4/20/2020 12:48 PM	-0.2	-0.3	3.5	-0.1	0
4/20/2020 12:54 PM	-0.2	-0.3	3.6	-0.1	0
4/20/2020 1:00 PM	-0.2	-0.3	3.9	-0.1	0
4/20/2020 1:06 PM	-0.2	-0.3	3.8	19.6	0
4/20/2020 1:12 PM	-0.2	-0.3	3.4	19	0
4/20/2020 1:18 PM	-0.2	-0.3	3.4	2.3	0
4/20/2020 1:24 PM	-0.2	-0.3	3.2	0.2	0
4/20/2020 1:30 PM	-0.2	-0.3	3	0	0
4/20/2020 1:36 PM	-0.2	-0.3	2.9	0	0
4/20/2020 1:42 PM	-0.2	-0.3	2.7	-0.1	0
4/20/2020 1:48 PM	-0.2	-0.3	2.7	-0.1	0
4/20/2020 1:54 PM	-0.2	-0.3	2.7	-0.1	0
4/20/2020 2:00 PM	-0.2	-0.3	2.6	-0.1	0
4/20/2020 2:06 PM	-0.2	-0.3	2.5	-0.1	0
4/20/2020 2:12 PM	-0.2	-0.3	2.5	-0.1	0
4/20/2020 2:18 PM	-0.2	-0.3	2.5	-0.2	0
4/20/2020 2:24 PM	-0.2	-0.3	2.4	-0.2	0
4/20/2020 2:30 PM	-0.1	-0.3	2.5	-0.2	0
4/20/2020 2:36 PM	-0.1	-0.2	2.5	-0.2	0
4/20/2020 2:42 PM	-0.1	-0.2	2.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 2:48 PM	-0.1	-0.2	2.4	-0.2	0
4/20/2020 2:54 PM	-0.1	-0.1	2.5	-0.1	0
4/20/2020 3:00 PM	-0.1	-0.1	2.4	-0.1	0
4/20/2020 3:06 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:12 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:18 PM	-0.1	0	2.3	-0.1	0
4/20/2020 3:24 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:30 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:36 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:42 PM	-0.1	-0.1	2.4	-0.1	0
4/20/2020 3:48 PM	-0.1	-0.1	2.3	-0.1	0
4/20/2020 3:54 PM	-0.1	-0.2	2.3	-0.2	0
4/20/2020 4:00 PM	-0.1	-0.2	2.4	-0.2	0
4/20/2020 4:06 PM	-0.1	-0.2	2.4	-0.2	0
4/20/2020 4:12 PM	-0.1	-0.2	2.4	-0.2	0
4/20/2020 4:18 PM	-0.1	-0.2	2.4	-0.2	0
4/20/2020 4:24 PM	-0.1	-0.2	2.3	-0.2	0
4/20/2020 4:30 PM	-0.1	-0.2	2.3	-0.2	0
4/20/2020 4:36 PM	-0.1	-0.2	2.3	-0.2	0
4/20/2020 4:42 PM	0	-0.2	2.4	-0.2	0
4/20/2020 4:48 PM	0	-0.2	2.4	-0.2	0
4/20/2020 4:54 PM	0	-0.2	2.4	-0.2	0
4/20/2020 5:00 PM	0	-0.2	2.3	-0.2	0
4/20/2020 5:06 PM	0	-0.1	2.4	-0.2	0
4/20/2020 5:12 PM	0	-0.1	2.4	-0.2	0
4/20/2020 5:18 PM	0	-0.1	2.5	-0.2	0
4/20/2020 5:24 PM	0	-0.1	2.4	-0.2	0
4/20/2020 5:30 PM	0	-0.1	2.4	-0.1	0
4/20/2020 5:36 PM	0	-0.1	2.4	-0.1	0
4/20/2020 5:42 PM	0	-0.1	2.6	-0.1	0
4/20/2020 5:48 PM	0	-0.1	2.8	-0.1	0
4/20/2020 5:54 PM	0	-0.1	2.8	-0.1	0
4/20/2020 6:00 PM	0	-0.1	2.7	-0.1	0
4/20/2020 6:06 PM	0	-0.1	2.7	-0.1	0
4/20/2020 6:12 PM	0	-0.1	2.7	-0.1	0
4/20/2020 6:18 PM	0	0	2.7	-0.1	0
4/20/2020 6:24 PM	0	0	2.7	-0.1	0
4/20/2020 6:30 PM	0	0	2.7	-0.1	0
4/20/2020 6:36 PM	-0.1	-0.1	2.6	-0.1	0
4/20/2020 6:42 PM	-0.1	0	2.6	-0.1	0
4/20/2020 6:48 PM	-0.1	0	2.6	-0.1	0
4/20/2020 6:54 PM	-0.1	0	2.7	-0.1	0
4/20/2020 7:00 PM	-0.1	0	2.7	-0.1	0
4/20/2020 7:06 PM	-0.1	0	2.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 7:12 PM	-0.1	0	2.7	-0.1	0
4/20/2020 7:18 PM	-0.1	0	2.7	-0.1	0
4/20/2020 7:24 PM	-0.1	0	2.6	-0.1	0
4/20/2020 7:30 PM	-0.1	0.1	2.5	-0.1	0
4/20/2020 7:36 PM	-0.1	0.1	2.5	-0.1	0
4/20/2020 7:42 PM	-0.1	0	2.3	-0.1	0
4/20/2020 7:48 PM	-0.1	0	2.3	-0.1	0
4/20/2020 7:54 PM	-0.1	0	2.2	-0.1	0
4/20/2020 8:00 PM	-0.1	0	2.2	-0.1	0
4/20/2020 8:06 PM	-0.1	0	2.2	-0.1	0
4/20/2020 8:12 PM	-0.1	0	2.2	-0.1	0
4/20/2020 8:18 PM	-0.1	0	2.2	-0.1	0
4/20/2020 8:24 PM	-0.2	0	2.2	-0.1	0
4/20/2020 8:30 PM	-0.2	0.1	2.2	-0.1	0
4/20/2020 8:36 PM	-0.2	0.1	2.1	-0.1	0
4/20/2020 8:42 PM	-0.2	0.1	2.1	-0.1	0
4/20/2020 8:48 PM	-0.2	0	2.2	-0.1	0
4/20/2020 8:54 PM	-0.2	0	2.2	-0.1	0
4/20/2020 9:00 PM	-0.2	0	2.2	-0.1	0
4/20/2020 9:06 PM	-0.2	0.1	2.3	-0.1	0
4/20/2020 9:12 PM	-0.2	0.1	2.3	-0.1	0
4/20/2020 9:18 PM	-0.2	0	2.3	-0.1	0
4/20/2020 9:24 PM	-0.3	0	2.3	-0.1	0
4/20/2020 9:30 PM	-0.3	0	2.3	-0.1	0
4/20/2020 9:36 PM	-0.3	0	2.2	-0.1	0
4/20/2020 9:42 PM	-0.3	0	2.2	-0.1	0
4/20/2020 9:48 PM	-0.3	0.1	2.4	-0.1	0
4/20/2020 9:54 PM	-0.3	0.1	2.4	-0.1	0
4/20/2020 10:00 PM	-0.3	0.1	2.4	-0.1	0
4/20/2020 10:06 PM	-0.3	0.1	2.5	-0.1	0
4/20/2020 10:12 PM	-0.3	0.1	2.5	-0.1	0
4/20/2020 10:18 PM	-0.3	0	2.5	-0.1	0
4/20/2020 10:24 PM	-0.3	0	2.5	-0.1	0
4/20/2020 10:30 PM	-0.3	0	2.3	-0.1	0
4/20/2020 10:36 PM	-0.3	0	2.4	-0.1	0
4/20/2020 10:42 PM	-0.3	0	2.3	-0.1	0
4/20/2020 10:48 PM	-0.3	0	2.2	-0.1	0
4/20/2020 10:54 PM	-0.3	-0.1	2.2	-0.1	0
4/20/2020 11:00 PM	-0.3	-0.1	2.2	-0.1	0
4/20/2020 11:06 PM	-0.3	-0.2	2.2	-0.1	0
4/20/2020 11:12 PM	-0.3	-0.1	2.2	-0.1	0
4/20/2020 11:18 PM	-0.3	-0.1	2.2	-0.1	0
4/20/2020 11:24 PM	-0.3	-0.1	2	-0.1	0
4/20/2020 11:30 PM	-0.3	-0.1	2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/20/2020 11:36 PM	-0.3	-0.1	2.1	-0.1	0
4/20/2020 11:42 PM	-0.3	0.2	1.4	-0.1	0
4/20/2020 11:48 PM	-0.3	0.3	0.4	-0.1	0
4/20/2020 11:54 PM	-0.3	0.1	0	-0.1	0
4/21/2020 12:00 AM	-0.3	0.1	0	-0.1	0
4/21/2020 12:06 AM	-0.3	0	-0.1	-0.1	0
4/21/2020 12:12 AM	-0.3	0	-0.1	-0.1	0
4/21/2020 12:18 AM	-0.3	0	-0.2	-0.1	0
4/21/2020 12:24 AM	-0.3	-0.1	-0.2	-0.1	0
4/21/2020 12:30 AM	-0.3	-0.1	-0.2	-0.1	0
4/21/2020 12:36 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 12:42 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 12:48 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 12:54 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 1:00 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 1:06 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 1:12 AM	-0.3	-0.1	-0.4	-0.1	0
4/21/2020 1:18 AM	-0.3	-0.1	-0.3	-0.1	0
4/21/2020 1:24 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 1:30 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 1:36 AM	-0.3	-0.1	-0.4	-0.1	0
4/21/2020 1:42 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 1:48 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 1:54 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 2:00 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 2:06 AM	-0.3	-0.2	-0.4	-0.1	0
4/21/2020 2:12 AM	-0.3	-0.2	-0.5	-0.1	0
4/21/2020 2:18 AM	-0.3	-0.2	-0.5	-0.1	0
4/21/2020 2:24 AM	-0.3	-0.2	-0.5	-0.1	0
4/21/2020 2:30 AM	-0.3	-0.1	-0.5	-0.1	0
4/21/2020 2:36 AM	-0.3	-0.1	-0.5	-0.1	0
4/21/2020 2:42 AM	-0.3	-0.1	-0.5	-0.1	0
4/21/2020 2:48 AM	-0.4	-0.2	-0.5	-0.1	0
4/21/2020 2:54 AM	-0.4	-0.2	-0.5	-0.1	0
4/21/2020 3:00 AM	-0.4	-0.2	-0.5	-0.1	0
4/21/2020 3:06 AM	-0.4	-0.1	-0.5	-0.1	0
4/21/2020 3:12 AM	-0.4	-0.1	-0.5	-0.1	0
4/21/2020 3:18 AM	-0.4	-0.2	-0.5	-0.1	0
4/21/2020 3:24 AM	-0.4	-0.2	-0.5	-0.1	0
4/21/2020 3:30 AM	-0.4	-0.1	-0.6	-0.1	0
4/21/2020 3:36 AM	-0.4	-0.1	-0.6	-0.1	0
4/21/2020 3:42 AM	-0.4	-0.2	-0.6	-0.1	0
4/21/2020 3:48 AM	-0.4	-0.2	-0.6	-0.1	0
4/21/2020 3:54 AM	-0.4	-0.2	-0.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 4:00 AM	-0.4	-0.2	-0.6	-0.1	0
4/21/2020 4:06 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:12 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:18 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:24 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:30 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:36 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:42 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:48 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 4:54 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 5:00 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 5:06 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 5:12 AM	-0.3	-0.2	-0.7	-0.1	0
4/21/2020 5:18 AM	-0.3	-0.2	-0.7	-0.1	0
4/21/2020 5:24 AM	-0.3	-0.2	-0.6	-0.1	0
4/21/2020 5:30 AM	-0.3	-0.2	-0.7	-0.1	0
4/21/2020 5:36 AM	-0.3	-0.1	-0.7	-0.1	0
4/21/2020 5:42 AM	-0.3	-0.1	-0.7	-0.1	0
4/21/2020 5:48 AM	-0.3	-0.1	-0.7	-0.1	0
4/21/2020 5:54 AM	-0.3	-0.1	-0.7	-0.1	0
4/21/2020 6:00 AM	-0.3	-0.1	-0.7	-0.1	0
4/21/2020 6:06 AM	-0.3	-0.1	-0.8	-0.1	0
4/21/2020 6:12 AM	-0.3	-0.1	-0.8	-0.1	0
4/21/2020 6:18 AM	-0.3	-0.1	-0.8	-0.2	0
4/21/2020 6:24 AM	-0.3	-0.1	-0.8	-0.2	0
4/21/2020 6:30 AM	-0.3	-0.1	-0.7	-0.2	0
4/21/2020 6:36 AM	-0.3	-0.2	-0.7	-0.2	0
4/21/2020 6:42 AM	-0.3	-0.2	-0.6	-0.2	0
4/21/2020 6:48 AM	-0.3	-0.2	-0.6	-0.2	0
4/21/2020 6:54 AM	-0.3	-0.1	-0.6	-0.2	0
4/21/2020 7:00 AM	-0.2	-0.1	-0.6	-0.2	0
4/21/2020 7:06 AM	-0.2	-0.1	-0.6	-0.2	0
4/21/2020 7:12 AM	-0.2	-0.1	-0.7	-0.2	0
4/21/2020 7:18 AM	-0.2	-0.1	-0.7	-0.2	0
4/21/2020 7:24 AM	-0.2	-0.1	-0.8	-0.2	0
4/21/2020 7:30 AM	-0.2	-0.1	-0.8	-0.2	0
4/21/2020 7:36 AM	-0.2	0.1	-0.7	-0.2	0
4/21/2020 7:42 AM	-0.2	0.2	-0.7	-0.2	0
4/21/2020 7:48 AM	-0.2	0.1	-0.7	-0.2	0
4/21/2020 7:54 AM	-0.2	0	-0.7	-0.2	0
4/21/2020 8:00 AM	-0.2	-0.1	-0.7	-0.2	0
4/21/2020 8:06 AM	-0.2	0.3	-0.7	-0.2	0
4/21/2020 8:12 AM	-0.2	0.6	-0.7	-0.2	0
4/21/2020 8:18 AM	-0.2	0.5	-0.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 8:24 AM	-0.2	0.5	-0.7	-0.2	0
4/21/2020 8:30 AM	-0.2	0.5	-0.7	-0.2	0
4/21/2020 8:36 AM	-0.2	0.4	-0.7	-0.2	0
4/21/2020 8:42 AM	-0.2	0.4	-0.7	-0.2	0
4/21/2020 8:48 AM	-0.1	0.4	-0.7	-0.2	0
4/21/2020 8:54 AM	-0.1	0.4	-0.7	-0.2	0
4/21/2020 9:00 AM	-0.1	0.4	-0.7	-0.2	0
4/21/2020 9:06 AM	-0.1	0.4	-0.7	-0.2	0
4/21/2020 9:12 AM	-0.1	0.4	-0.7	-0.2	0
4/21/2020 9:18 AM	-0.1	0.3	12	-0.2	0
4/21/2020 9:24 AM	-0.1	0	19.7	-0.2	0
4/21/2020 9:30 AM	-0.1	-0.1	8.5	-0.2	0
4/21/2020 9:36 AM	-0.1	0	4.6	-0.2	0
4/21/2020 9:42 AM	-0.1	0	3.7	-0.2	0
4/21/2020 9:48 AM	-0.1	0	3.5	-0.2	0
4/21/2020 9:54 AM	-0.1	0	3.7	-0.2	0
4/21/2020 10:00 AM	-0.1	-0.1	3.9	-0.2	0
4/21/2020 10:06 AM	-0.1	-0.1	4	-0.2	0
4/21/2020 10:12 AM	-0.1	-0.1	4	-0.2	0
4/21/2020 10:18 AM	-0.1	-0.1	4	-0.2	0
4/21/2020 10:24 AM	-0.1	-0.1	3.9	-0.2	0
4/21/2020 10:30 AM	-0.1	-0.2	3.8	-0.2	0
4/21/2020 10:36 AM	-0.1	-0.2	3.8	-0.2	0
4/21/2020 10:42 AM	-0.1	-0.2	3.5	-0.2	0
4/21/2020 10:48 AM	-0.1	-0.2	3.2	-0.2	0
4/21/2020 10:54 AM	-0.1	-0.2	2.9	-0.2	0
4/21/2020 11:00 AM	-0.1	-0.2	2.7	-0.2	0
4/21/2020 11:06 AM	0	-0.3	2.6	-0.1	0
4/21/2020 11:12 AM	-0.1	-0.3	2.7	-0.1	0
4/21/2020 11:18 AM	-0.1	-0.2	2.9	-0.1	0
4/21/2020 11:24 AM	-0.1	-0.2	3.4	-0.1	0
4/21/2020 11:30 AM	-0.1	-0.2	3.4	6.4	0
4/21/2020 11:36 AM	-0.1	-0.1	4.2	17	0
4/21/2020 11:42 AM	-0.1	-0.1	5.5	7.3	0
4/21/2020 11:48 AM	-0.1	-0.1	5.3	0.3	0
4/21/2020 11:54 AM	-0.1	-0.1	4.9	0.1	0.1
4/21/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/21/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/21/2020 12:12 PM	-0.4	-0.4	4.3	-0.1	0
4/21/2020 12:18 PM	-0.4	-0.3	4.4	-0.1	0
4/21/2020 12:24 PM	-0.4	-0.3	4.4	-0.1	0
4/21/2020 12:30 PM	-0.4	-0.3	4.5	-0.2	0
4/21/2020 12:36 PM	-0.4	-0.3	4.6	-0.2	8.4
4/21/2020 12:42 PM	-0.4	-0.2	3	-0.2	20.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 12:48 PM	-0.4	-0.1	0.7	-0.2	14.9
4/21/2020 12:54 PM	-0.4	-0.2	0.1	-0.2	9.6
4/21/2020 1:00 PM	-0.4	-0.2	0	-0.2	8
4/21/2020 1:06 PM	-0.4	-0.2	-0.1	-0.2	5.9
4/21/2020 1:12 PM	-0.3	-0.2	-0.2	-0.2	5.6
4/21/2020 1:18 PM	-0.3	-0.1	-0.2	-0.2	6
4/21/2020 1:24 PM	-0.3	0.1	-0.2	-0.2	6.2
4/21/2020 1:30 PM	-0.3	0	-0.3	-0.2	5.5
4/21/2020 1:36 PM	-0.3	0	-0.3	-0.1	4.5
4/21/2020 1:42 PM	-0.3	-0.1	-0.2	-0.1	3.7
4/21/2020 1:48 PM	-0.3	-0.2	-0.2	-0.1	3.3
4/21/2020 1:54 PM	-0.4	-0.2	-0.2	0	3.2
4/21/2020 2:00 PM	-0.4	-0.2	-0.2	0	3
4/21/2020 2:06 PM	-0.4	-0.2	-0.2	0	2.9
4/21/2020 2:12 PM	-0.4	-0.2	-0.3	0	3
4/21/2020 2:18 PM	-0.4	-0.2	-0.4	-0.1	3
4/21/2020 2:24 PM	-0.5	-0.2	-0.4	-0.1	3.1
4/21/2020 2:30 PM	-0.5	0.1	-0.4	-0.1	4.3
4/21/2020 2:36 PM	-0.5	0.2	-0.4	-0.1	4.6
4/21/2020 2:42 PM	-0.5	0.2	-0.4	-0.1	4.3
4/21/2020 2:48 PM	-0.5	0.2	-0.4	-0.1	4.2
4/21/2020 2:54 PM	-0.5	0.2	-0.4	-0.1	4.1
4/21/2020 3:00 PM	-0.5	0.2	-0.5	-0.2	4
4/21/2020 3:06 PM	-0.5	0.2	-0.5	-0.2	4
4/21/2020 3:12 PM	-0.5	0.3	-0.5	-0.2	3.9
4/21/2020 3:18 PM	-0.5	0.4	-0.5	-0.2	3.6
4/21/2020 3:24 PM	-0.5	0.4	-0.5	-0.2	3.5
4/21/2020 3:30 PM	-0.5	0.2	-0.5	-0.1	3.6
4/21/2020 3:36 PM	-0.5	0.2	-0.5	-0.2	3.6
4/21/2020 3:42 PM	-0.5	0.2	-0.5	-0.2	3.6
4/21/2020 3:48 PM	-0.4	0.2	-0.5	-0.2	3.6
4/21/2020 3:54 PM	-0.4	0.2	-0.6	-0.2	3.7
4/21/2020 4:00 PM	-0.4	0.3	-0.5	-0.2	3.6
4/21/2020 4:06 PM	-0.4	0.3	-0.5	-0.2	3.5
4/21/2020 4:12 PM	-0.4	0.2	-0.5	-0.2	3.5
4/21/2020 4:18 PM	-0.4	0.2	-0.6	-0.2	3.4
4/21/2020 4:24 PM	-0.4	0.2	-0.5	-0.2	3.3
4/21/2020 4:30 PM	-0.4	0.2	-0.5	-0.2	3.1
4/21/2020 4:36 PM	-0.4	0.2	-0.5	-0.2	3.1
4/21/2020 4:42 PM	-0.4	0.2	-0.6	-0.2	3
4/21/2020 4:48 PM	-0.4	0.2	-0.6	-0.2	3
4/21/2020 4:54 PM	-0.4	0.2	-0.6	-0.2	3.1
4/21/2020 5:00 PM	-0.4	0.3	-0.6	-0.2	3.1
4/21/2020 5:06 PM	-0.3	0.3	-0.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 5:12 PM	-0.4	0.2	-0.6	-0.2	3
4/21/2020 5:18 PM	-0.4	0.2	-0.6	-0.2	3
4/21/2020 5:24 PM	-0.4	0.1	-0.6	-0.2	3
4/21/2020 5:30 PM	-0.4	0.1	-0.6	-0.2	3
4/21/2020 5:36 PM	-0.4	0.1	-0.6	-0.2	3
4/21/2020 5:42 PM	-0.4	0.1	-0.6	-0.2	3
4/21/2020 5:48 PM	-0.4	0.2	-0.6	-0.2	3
4/21/2020 5:54 PM	-0.4	0.2	-0.7	-0.2	3
4/21/2020 6:00 PM	-0.4	0.1	-0.7	-0.2	3.1
4/21/2020 6:06 PM	-0.4	0.1	-0.7	-0.2	3.1
4/21/2020 6:12 PM	-0.4	0.1	-0.7	-0.2	3
4/21/2020 6:18 PM	-0.4	0.2	-0.7	-0.2	2.9
4/21/2020 6:24 PM	-0.4	0.2	-0.7	-0.1	2.9
4/21/2020 6:30 PM	-0.4	0.2	-0.7	-0.1	2.8
4/21/2020 6:36 PM	-0.4	0.1	-0.7	-0.1	2.5
4/21/2020 6:42 PM	-0.4	0.1	-0.7	-0.1	2.4
4/21/2020 6:48 PM	-0.5	0.1	-0.7	-0.1	2.5
4/21/2020 6:54 PM	-0.5	0.1	-0.7	-0.1	2.5
4/21/2020 7:00 PM	-0.5	0.1	-0.7	-0.1	2.5
4/21/2020 7:06 PM	-0.5	0	-0.7	-0.1	2.4
4/21/2020 7:12 PM	-0.5	0.2	-0.8	-0.1	2.4
4/21/2020 7:18 PM	-0.5	0	-0.8	-0.1	2.1
4/21/2020 7:24 PM	-0.6	-0.4	-0.7	-0.1	1.9
4/21/2020 7:30 PM	-0.6	-0.5	-0.7	-0.1	1.9
4/21/2020 7:36 PM	-0.6	-0.5	-0.8	-0.1	1.9
4/21/2020 7:42 PM	-0.6	-0.5	-0.8	-0.1	1.9
4/21/2020 7:48 PM	-0.6	-0.6	-0.8	-0.1	2
4/21/2020 7:54 PM	-0.6	-0.6	-0.8	-0.1	2
4/21/2020 8:00 PM	-0.6	-0.7	-0.8	-0.1	2.1
4/21/2020 8:06 PM	-0.6	-0.6	-0.8	-0.1	2
4/21/2020 8:12 PM	-0.6	-0.5	-0.8	-0.1	1.9
4/21/2020 8:18 PM	-0.6	-0.5	-0.9	-0.1	2
4/21/2020 8:24 PM	-0.6	-0.5	-0.8	-0.1	2.1
4/21/2020 8:30 PM	-0.6	-0.5	-0.8	-0.1	2.1
4/21/2020 8:36 PM	-0.6	-0.5	-0.8	-0.1	2.1
4/21/2020 8:42 PM	-0.7	-0.5	-0.8	-0.1	2.1
4/21/2020 8:48 PM	-0.7	-0.5	-0.8	-0.1	2
4/21/2020 8:54 PM	-0.7	-0.5	-0.8	-0.1	2.1
4/21/2020 9:00 PM	-0.7	-0.6	-0.8	-0.1	2.1
4/21/2020 9:06 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 9:12 PM	-0.7	-0.6	-0.9	-0.1	2.2
4/21/2020 9:18 PM	-0.7	-0.6	-0.9	-0.1	2.2
4/21/2020 9:24 PM	-0.7	-0.6	-0.9	-0.1	2.2
4/21/2020 9:30 PM	-0.7	-0.6	-0.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/21/2020 9:36 PM	-0.7	-0.5	-0.9	-0.1	2.3
4/21/2020 9:42 PM	-0.7	-0.5	-0.9	-0.1	2.3
4/21/2020 9:48 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 9:54 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 10:00 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 10:06 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 10:12 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 10:18 PM	-0.7	-0.5	-0.9	-0.1	2.2
4/21/2020 10:24 PM	-0.7	-0.5	-0.9	-0.1	2.1
4/21/2020 10:30 PM	-0.7	-0.5	-0.9	-0.1	2.1
4/21/2020 10:36 PM	-0.7	-0.5	-1	-0.1	2.1
4/21/2020 10:42 PM	-0.7	-0.5	-1	-0.1	2.1
4/21/2020 10:48 PM	-0.7	-0.5	-1	-0.1	2.2
4/21/2020 10:54 PM	-0.7	-0.5	-1	-0.1	2.2
4/21/2020 11:00 PM	-0.7	-0.4	-1	-0.1	2.2
4/21/2020 11:06 PM	-0.8	-0.4	-1	-0.1	2.2
4/21/2020 11:12 PM	-0.8	-0.4	-1	-0.1	2.2
4/21/2020 11:18 PM	-0.8	-0.4	-1	-0.1	2.2
4/21/2020 11:24 PM	-0.8	-0.5	-1	-0.1	2.2
4/21/2020 11:30 PM	-0.8	-0.5	-1	-0.1	2.2
4/21/2020 11:36 PM	-0.8	-0.4	-1	-0.1	2.2
4/21/2020 11:42 PM	-0.8	-0.4	-1	-0.1	2.1
4/21/2020 11:48 PM	-0.8	-0.4	-1	-0.1	2.1
4/21/2020 11:54 PM	-0.8	-0.4	-1	-0.1	2.1
4/22/2020 12:00 AM	-0.8	-0.5	-1	-0.1	2.1
4/22/2020 12:06 AM	-0.8	-0.5	-1	-0.1	2.1
4/22/2020 12:12 AM	-0.8	-0.5	-1	-0.1	2
4/22/2020 12:18 AM	-0.8	-0.5	-1	-0.1	2
4/22/2020 12:24 AM	-0.8	-0.5	-1	-0.1	2
4/22/2020 12:30 AM	-0.8	-0.5	-1	-0.1	2
4/22/2020 12:36 AM	-0.8	-0.5	-1	-0.1	2
4/22/2020 12:42 AM	-0.8	-0.4	-1	-0.1	2
4/22/2020 12:48 AM	-0.8	-0.4	-1	-0.1	2
4/22/2020 12:54 AM	-0.8	-0.5	-1	-0.1	1.9
4/22/2020 1:00 AM	-0.8	-0.5	-1	-0.1	1.9
4/22/2020 1:06 AM	-0.8	-0.5	-1	-0.1	1.9
4/22/2020 1:12 AM	-0.8	-0.5	-1	-0.1	1.9
4/22/2020 1:18 AM	-0.8	0.1	-1	-0.1	1.1
4/22/2020 1:24 AM	-0.8	0.2	-1	-0.1	0.1
4/22/2020 1:30 AM	-0.8	-0.2	-1.1	-0.1	0
4/22/2020 1:36 AM	-0.8	-0.2	-1.1	0	0
4/22/2020 1:42 AM	-0.8	-0.3	-1.1	0	0
4/22/2020 1:48 AM	-0.8	-0.3	-1.1	0	0
4/22/2020 1:54 AM	-0.8	-0.3	-1.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/22/2020 2:00 AM	-0.8	-0.3	-1.1	-0.1	0
4/22/2020 2:06 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:12 AM	-0.8	-0.3	-1.1	-0.1	0
4/22/2020 2:18 AM	-0.8	-0.3	-1.1	-0.1	0
4/22/2020 2:24 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:30 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:36 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:42 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:48 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 2:54 AM	-0.8	-0.3	-1.1	-0.1	0
4/22/2020 3:00 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:06 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:12 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:18 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:24 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:30 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 3:36 AM	-0.8	-0.4	-1.1	0	0
4/22/2020 3:42 AM	-0.8	-0.4	-1.1	0	0
4/22/2020 3:48 AM	-0.8	-0.4	-1.1	0	0
4/22/2020 3:54 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 4:00 AM	-0.8	-0.4	-1.1	-0.1	0
4/22/2020 4:06 AM	-0.9	-0.3	-1.1	-0.1	0
4/22/2020 4:12 AM	-0.9	-0.3	-1.1	0	0
4/22/2020 4:18 AM	-0.9	-0.4	-1.1	-0.1	0
4/22/2020 4:24 AM	-0.9	-0.5	-1.1	-0.1	0
4/22/2020 4:30 AM	-0.9	-0.6	-1.1	-0.1	-0.1
4/22/2020 4:36 AM	-0.9	-0.5	-1.1	-0.1	0
4/22/2020 4:42 AM	-0.9	-0.5	-1.1	-0.1	0
4/22/2020 4:48 AM	-0.9	-0.3	-1.1	-0.1	-0.1
4/22/2020 4:54 AM	-0.9	-0.3	-1.1	0	0
4/22/2020 5:00 AM	-0.9	-0.4	-1.1	0	0
4/22/2020 5:06 AM	-0.9	-0.4	-1.1	-0.1	0
4/22/2020 5:12 AM	-0.9	-0.4	-1.1	-0.1	0
4/22/2020 5:18 AM	-0.9	-0.4	-1.1	-0.1	0
4/22/2020 5:24 AM	-0.9	-0.4	-1.2	0	0
4/22/2020 5:30 AM	-0.9	-0.3	-1.2	0	0
4/22/2020 5:36 AM	-0.9	-0.3	-1.2	-0.1	0
4/22/2020 5:42 AM	-0.9	-0.3	-1.2	-0.1	0
4/22/2020 5:48 AM	-0.9	-0.4	-1.3	-0.1	0
4/22/2020 5:54 AM	-0.9	-0.2	-1.3	-0.1	0
4/22/2020 6:00 AM	-0.9	-0.2	1.5	-0.1	-0.1
4/22/2020 6:06 AM	-0.9	-0.4	20.1	-0.1	0
4/22/2020 6:12 AM	-0.9	-1	21.5	-0.1	0
4/22/2020 6:18 AM	-0.9	-1.3	9.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/22/2020 6:24 AM	-0.8	-1.3	6.9	-0.1	0
4/22/2020 6:30 AM	-0.8	-1.3	5.7	-0.1	0
4/22/2020 6:36 AM	-0.8	-1.3	4.7	-0.1	0
4/22/2020 6:42 AM	-0.8	-1.3	4.6	-0.1	-0.1
4/22/2020 6:48 AM	-0.8	-1.4	4.8	-0.1	0
4/22/2020 6:54 AM	-0.8	-1.3	5.1	-0.1	0
4/22/2020 7:00 AM	-0.8	-1.3	5.3	-0.1	0
4/22/2020 7:06 AM	-0.8	-1.3	5.3	-0.1	-0.1
4/22/2020 7:12 AM	-0.8	-1.2	5.9	-0.1	-0.1
4/22/2020 7:18 AM	-0.8	-1.2	6.1	-0.2	-0.1
4/22/2020 7:24 AM	-0.8	-1.3	5.7	-0.2	-0.1
4/22/2020 7:30 AM	-0.8	-1.3	5.4	-0.2	-0.1
4/22/2020 7:36 AM	-0.8	-1.3	5.6	-0.2	-0.1
4/22/2020 7:42 AM	-0.8	-1.2	5.8	-0.2	0
4/22/2020 7:48 AM	-0.8	-1.3	5.9	-0.2	-0.1
4/22/2020 7:54 AM	-0.8	-1.3	5.7	-0.2	0
4/22/2020 8:00 AM	-0.8	-1.3	5.3	-0.2	-0.1
4/22/2020 8:06 AM	-0.8	-1.3	5.1	-0.2	-0.1
4/22/2020 8:12 AM	-0.7	-1.3	5.5	-0.2	-0.1
4/22/2020 8:18 AM	-0.7	-1.3	5.6	-0.1	0.4
4/22/2020 8:24 AM	-0.7	-1.3	4.8	-0.1	0.5
4/22/2020 8:30 AM	-0.7	-1.3	4.6	-0.1	0
4/22/2020 8:36 AM	-0.7	-1.3	4.6	-0.1	-0.1
4/22/2020 8:42 AM	-0.7	-1.3	5.3	-0.1	-0.1
4/22/2020 8:48 AM	-0.7	-1.4	5.5	-0.1	-0.1
4/22/2020 8:54 AM	-0.7	-1.4	5.1	-0.1	-0.1
4/22/2020 9:00 AM	-0.7	-1.3	5.1	-0.1	-0.1
4/22/2020 9:06 AM	-0.7	-1.3	5.5	-0.1	-0.1
4/22/2020 9:12 AM	-0.7	-1.4	5.8	-0.1	-0.1
4/22/2020 9:18 AM	-0.7	-1.3	5.8	-0.1	-0.1
4/22/2020 9:24 AM	-0.7	-1.4	5.8	-0.1	-0.1
4/22/2020 9:30 AM	-0.7	-1.3	5.9	-0.1	-0.1
4/22/2020 9:36 AM	-0.7	-1.3	5.9	-0.1	-0.1
4/22/2020 9:42 AM	-0.7	-1.3	6.2	-0.1	-0.1
4/22/2020 9:48 AM	-0.7	-1.3	6.4	-0.1	-0.1
4/22/2020 9:54 AM	-0.7	-1.4	6.5	-0.1	6
4/22/2020 10:00 AM	-0.7	-1.4	6.1	-0.1	9.6
4/22/2020 10:06 AM	-0.7	-1.3	5.6	-0.1	5.7
4/22/2020 10:12 AM	-0.7	-1.3	5	-0.1	5
4/22/2020 10:18 AM	-0.7	-1.4	4.1	-0.1	4.6
4/22/2020 10:24 AM	-0.7	-1.3	4	-0.1	4.1
4/22/2020 10:30 AM	-0.7	-1.3	3.9	-0.1	3.4
4/22/2020 10:36 AM	-0.7	-1.3	4.1	-0.1	2.9
4/22/2020 10:42 AM	-0.7	-1.3	4.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/22/2020 10:48 AM	-0.7	-1.3	4.5	-0.1	2.4
4/22/2020 10:54 AM	-0.7	-1.3	4.4	-0.1	2.3
4/22/2020 11:00 AM	-0.7	-1.3	4.2	-0.1	2.3
4/22/2020 11:06 AM	-0.7	-1.3	4	-0.1	2.3
4/22/2020 11:12 AM	-0.7	-1.3	3.9	-0.1	2.3
4/22/2020 11:18 AM	-0.7	-1.3	3.9	-0.1	2.2
4/22/2020 11:24 AM	-0.7	-1.4	3.8	-0.1	2.1
4/22/2020 11:30 AM	-0.7	-1.3	3.7	-0.1	2.1
4/22/2020 11:36 AM	-0.7	-1.3	3.6	-0.1	2.1
4/22/2020 11:42 AM	-0.6	-1.3	3.8	-0.1	2.1
4/22/2020 11:48 AM	-0.6	-1.3	3.9	-0.1	2.1
4/22/2020 11:54 AM	-0.6	-1.3	3.9	-0.1	2.1
4/22/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/22/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/22/2020 12:12 PM	-0.3	-1.1	4	-0.1	2.1
4/22/2020 12:18 PM	-0.3	-1.1	4.1	-0.1	2.1
4/22/2020 12:24 PM	-0.3	-1	4.2	-0.1	2.1
4/22/2020 12:30 PM	-0.3	3.4	3.8	-0.1	2.1
4/22/2020 12:36 PM	-0.2	5.3	2	-0.1	2
4/22/2020 12:42 PM	-0.2	2	0.9	-0.1	2
4/22/2020 12:48 PM	-0.2	2.1	0.7	-0.1	2
4/22/2020 12:54 PM	<Samp	<Samp	<Samp	<Samp	<Samp
4/22/2020 1:00 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/22/2020 1:06 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/22/2020 1:12 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/22/2020 1:18 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/22/2020 1:24 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/22/2020 1:30 PM	<Samp	<Samp	<Samp	<Samp	<Samp
4/22/2020 1:36 PM	-0.3	0.2	0	-0.1	2.1
4/22/2020 1:42 PM	-0.3	0.2	0	-0.1	2.1
4/22/2020 1:48 PM	-0.3	0.1	-0.1	-0.1	2.1
4/22/2020 1:54 PM	-0.2	0.1	-0.1	-0.1	2.1
4/22/2020 2:00 PM	-0.2	0.1	-0.1	-0.1	2.1
4/22/2020 2:06 PM	-0.2	0.1	-0.1	-0.1	2
4/22/2020 2:12 PM	-0.2	0.1	-0.1	-0.1	2
4/22/2020 2:18 PM	-0.2	0.1	-0.1	-0.1	2
4/22/2020 2:24 PM	-0.2	0	-0.1	-0.1	2
4/22/2020 2:30 PM	-0.2	0	-0.1	-0.1	2.1
4/22/2020 2:36 PM	-0.2	0	-0.1	-0.1	2.1
4/22/2020 2:42 PM	-0.2	0	-0.1	-0.1	2.1
4/22/2020 2:48 PM	-0.2	0	-0.1	-0.1	2.1
4/22/2020 2:54 PM	-0.2	0	-0.2	-0.1	2.1
4/22/2020 3:00 PM	-0.2	0	-0.2	-0.1	2.1
4/22/2020 3:06 PM	-0.2	0	-0.2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/22/2020 3:12 PM	-0.2	0	-0.2	-0.1	1.9
4/22/2020 3:18 PM	-0.2	0	-0.2	-0.1	1.9
4/22/2020 3:24 PM	-0.2	0	-0.3	-0.1	1.9
4/22/2020 3:30 PM	-0.2	0	-0.3	-0.1	2
4/22/2020 3:36 PM	-0.2	0	-0.3	-0.1	1.9
4/22/2020 3:42 PM	-0.2	0	-0.3	-0.1	1.9
4/22/2020 3:48 PM	-0.1	0	-0.3	-0.1	2
4/22/2020 3:54 PM	-0.1	0	-0.3	-0.1	2
4/22/2020 4:00 PM	-0.1	0	-0.3	-0.1	2
4/22/2020 4:06 PM	-0.2	0	-0.3	-0.1	2
4/22/2020 4:12 PM	-0.2	0	-0.4	-0.1	2
4/22/2020 4:18 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 4:24 PM	-0.2	0	-0.4	-0.1	1.9
4/22/2020 4:30 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 4:36 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 4:42 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 4:48 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 4:54 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 5:00 PM	-0.2	-0.1	-0.4	-0.1	2
4/22/2020 5:06 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:12 PM	-0.2	-0.1	-0.3	-0.1	1.9
4/22/2020 5:18 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:24 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:30 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:36 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:42 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 5:48 PM	-0.2	-0.1	-0.5	-0.1	1.9
4/22/2020 5:54 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 6:00 PM	-0.2	-0.1	-0.4	-0.1	1.9
4/22/2020 6:06 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:12 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:18 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:24 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:30 PM	-0.2	-0.1	-0.5	-0.1	1.9
4/22/2020 6:36 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:42 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:48 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 6:54 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:00 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:06 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:12 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:18 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:24 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:30 PM	-0.2	-0.1	-0.5	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/22/2020 7:36 PM	-0.2	-0.1	-0.6	-0.1	2
4/22/2020 7:42 PM	-0.2	-0.1	-0.5	-0.1	2
4/22/2020 7:48 PM	-0.2	-0.1	-0.6	-0.1	2
4/22/2020 7:54 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 8:00 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 8:06 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 8:12 PM	-0.2	-0.3	-0.6	-0.1	2
4/22/2020 8:18 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 8:24 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 8:30 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 8:36 PM	-0.2	-0.3	-0.6	-0.1	2.1
4/22/2020 8:42 PM	-0.2	-0.3	-0.6	-0.1	2.1
4/22/2020 8:48 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 8:54 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 9:00 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 9:06 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 9:12 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 9:18 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 9:24 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 9:30 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 9:36 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 9:42 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 9:48 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 9:54 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 10:00 PM	-0.2	-0.2	-0.6	-0.1	2.1
4/22/2020 10:06 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 10:12 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 10:18 PM	-0.2	-0.2	-0.6	-0.1	2
4/22/2020 10:24 PM	-0.2	-0.2	-0.7	-0.1	2.1
4/22/2020 10:30 PM	-0.2	-0.2	-0.7	-0.1	2
4/22/2020 10:36 PM	-0.2	-0.2	-0.7	-0.1	2
4/22/2020 10:42 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 10:48 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 10:54 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 11:00 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 11:06 PM	-0.3	-0.3	-0.7	0	2.1
4/22/2020 11:12 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 11:18 PM	-0.3	-0.3	-0.7	0	2.1
4/22/2020 11:24 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 11:30 PM	-0.3	-0.3	-0.7	0	2
4/22/2020 11:36 PM	-0.3	-0.3	-0.7	0	1.9
4/22/2020 11:42 PM	-0.3	-0.3	-0.7	0	1.9
4/22/2020 11:48 PM	-0.3	-0.2	-0.7	0	1.9
4/22/2020 11:54 PM	-0.3	-0.1	-0.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 12:00 AM	-0.3	-0.2	-0.7	0	1.8
4/23/2020 12:06 AM	-0.3	-0.3	-0.8	0	1.8
4/23/2020 12:12 AM	-0.3	-0.3	-0.8	0	1.8
4/23/2020 12:18 AM	-0.3	-0.3	-0.8	0	1.9
4/23/2020 12:24 AM	-0.3	-0.4	-0.8	0	1.9
4/23/2020 12:30 AM	-0.3	-0.4	-0.8	0	2
4/23/2020 12:36 AM	-0.4	-0.3	-0.8	0	2
4/23/2020 12:42 AM	-0.4	-0.4	-0.8	0	2
4/23/2020 12:48 AM	-0.4	-0.4	-0.8	0	2
4/23/2020 12:54 AM	-0.4	-0.4	-0.8	0	2.1
4/23/2020 1:00 AM	-0.4	0	-0.8	0	1.9
4/23/2020 1:06 AM	-0.4	0.7	-0.8	0	0.8
4/23/2020 1:12 AM	-0.4	0.4	-0.8	0	0
4/23/2020 1:18 AM	-0.4	0.1	-0.8	0	0
4/23/2020 1:24 AM	-0.4	0	-0.8	0	0
4/23/2020 1:30 AM	-0.4	0	-0.8	0	0
4/23/2020 1:36 AM	-0.4	-0.3	-0.8	0	0
4/23/2020 1:42 AM	-0.4	-0.5	-0.8	0	0
4/23/2020 1:48 AM	-0.4	-0.5	-0.9	0	0
4/23/2020 1:54 AM	-0.4	-0.5	-0.9	0	0
4/23/2020 2:00 AM	-0.4	-0.5	-0.8	-0.1	0
4/23/2020 2:06 AM	-0.4	-0.5	-0.8	-0.1	-0.1
4/23/2020 2:12 AM	-0.4	-0.5	-0.8	-0.1	0
4/23/2020 2:18 AM	-0.4	-0.5	-0.8	-0.1	0
4/23/2020 2:24 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 2:30 AM	-0.4	-0.5	-0.9	-0.1	0
4/23/2020 2:36 AM	-0.4	-0.5	-0.8	-0.1	0
4/23/2020 2:42 AM	-0.4	-0.5	-0.9	-0.1	0
4/23/2020 2:48 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 2:54 AM	-0.4	-0.4	-0.8	-0.1	0
4/23/2020 3:00 AM	-0.4	-0.4	-0.8	-0.1	0
4/23/2020 3:06 AM	-0.4	-0.4	-0.8	-0.1	0
4/23/2020 3:12 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 3:18 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 3:24 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 3:30 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 3:36 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 3:42 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 3:48 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 3:54 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 4:00 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 4:06 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 4:12 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 4:18 AM	-0.4	-0.4	-0.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 4:24 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 4:30 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 4:36 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 4:42 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 4:48 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 4:54 AM	-0.4	-0.4	-0.9	-0.1	0
4/23/2020 5:00 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 5:06 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 5:12 AM	-0.4	-0.5	-0.9	-0.1	0
4/23/2020 5:18 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 5:24 AM	-0.4	-0.6	-0.9	-0.1	-0.1
4/23/2020 5:30 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 5:36 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 5:42 AM	-0.4	-0.5	-0.9	-0.1	-0.1
4/23/2020 5:48 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 5:54 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:00 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:06 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:12 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:18 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:24 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:30 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:36 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:42 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:48 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 6:54 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 7:00 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 7:06 AM	-0.4	-0.4	-0.9	-0.1	-0.1
4/23/2020 7:12 AM	-0.4	-0.1	-0.9	-0.1	0
4/23/2020 7:18 AM	-0.4	0.2	-0.9	-0.1	-0.1
4/23/2020 7:24 AM	-0.4	0	-0.9	-0.1	-0.1
4/23/2020 7:30 AM	-0.4	0	-0.9	-0.1	-0.1
4/23/2020 7:36 AM	-0.3	-0.1	-0.9	-0.1	-0.1
4/23/2020 7:42 AM	-0.3	-0.1	-0.9	-0.1	-0.1
4/23/2020 7:48 AM	-0.3	-0.2	-0.9	-0.1	-0.1
4/23/2020 7:54 AM	-0.3	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:00 AM	-0.3	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:06 AM	-0.3	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:12 AM	-0.3	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:18 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:24 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:30 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:36 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:42 AM	-0.4	-0.2	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 8:48 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 8:54 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 9:00 AM	-0.4	-0.2	-0.9	-0.1	-0.1
4/23/2020 9:06 AM	-0.4	0.3	-0.9	-0.1	0
4/23/2020 9:12 AM	-0.4	0.9	-0.9	-0.1	0
4/23/2020 9:18 AM	-0.4	0.8	-0.9	-0.1	0
4/23/2020 9:24 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 9:30 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 9:36 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 9:42 AM	-0.3	0.6	-0.9	-0.1	-0.1
4/23/2020 9:48 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 9:54 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 10:00 AM	-0.3	0.6	-0.9	-0.1	-0.1
4/23/2020 10:06 AM	-0.3	0.6	-1	-0.1	-0.1
4/23/2020 10:12 AM	-0.3	0.6	-1	-0.1	-0.1
4/23/2020 10:18 AM	-0.3	0.7	-0.9	-0.1	-0.1
4/23/2020 10:24 AM	-0.3	0.6	-0.9	-0.1	-0.1
4/23/2020 10:30 AM	-0.3	0.6	-1	-0.1	-0.1
4/23/2020 10:36 AM	-0.3	0.6	-0.9	-0.1	0
4/23/2020 10:42 AM	-0.3	0.7	-0.9	-0.1	0
4/23/2020 10:48 AM	-0.3	0.6	-0.9	-0.1	-0.1
4/23/2020 10:54 AM	-0.3	0.6	-0.9	-0.1	0
4/23/2020 11:00 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:06 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:12 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:18 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:24 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:30 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:36 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:42 AM	-0.2	0.6	-0.9	-0.1	0
4/23/2020 11:48 AM	-0.2	0.6	-0.9	-0.2	0
4/23/2020 11:54 AM	-0.2	0.6	-0.9	-0.2	-0.1
4/23/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/23/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/23/2020 12:12 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 12:18 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 12:24 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 12:30 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 12:36 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 12:42 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 12:48 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 12:54 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 1:00 PM	-0.2	0.8	-0.9	-0.1	0
4/23/2020 1:06 PM	-0.2	0.8	-0.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 1:12 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 1:18 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 1:24 PM	-0.2	0.7	-0.9	-0.1	0
4/23/2020 1:30 PM	-0.2	0.7	-0.8	-0.1	0
4/23/2020 1:36 PM	-0.2	0.7	-0.8	-0.1	0
4/23/2020 1:42 PM	-0.2	0.7	-0.8	-0.1	0
4/23/2020 1:48 PM	-0.2	0.7	-0.8	-0.1	0
4/23/2020 1:54 PM	-0.2	0.7	-0.8	-0.1	0
4/23/2020 2:00 PM	-0.2	0.6	-0.8	-0.1	0
4/23/2020 2:06 PM	-0.2	0.6	-0.8	-0.1	0
4/23/2020 2:12 PM	-0.2	0.6	-0.8	-0.1	0
4/23/2020 2:18 PM	-0.2	0.6	-0.8	-0.1	0
4/23/2020 2:24 PM	-0.2	0.6	-0.8	-0.2	0
4/23/2020 2:30 PM	-0.2	0.6	-0.9	-0.2	0
4/23/2020 2:36 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 2:42 PM	-0.2	0.7	-0.8	-0.2	0
4/23/2020 2:48 PM	-0.2	0.7	-0.8	-0.2	0
4/23/2020 2:54 PM	-0.2	0.7	-0.9	-0.2	0
4/23/2020 3:00 PM	-0.2	0.6	-0.9	-0.2	6
4/23/2020 3:06 PM	-0.2	0.2	-0.9	-0.2	11.9
4/23/2020 3:12 PM	-0.2	-0.3	-0.8	-0.2	7.7
4/23/2020 3:18 PM	-0.2	-0.3	-0.8	-0.2	5.4
4/23/2020 3:24 PM	-0.2	-0.4	-0.9	-0.2	5.1
4/23/2020 3:30 PM	-0.2	-0.4	-0.9	-0.2	5.3
4/23/2020 3:36 PM	-0.2	-0.5	-0.9	-0.2	5.1
4/23/2020 3:42 PM	-0.2	-0.5	-0.9	-0.2	4.6
4/23/2020 3:48 PM	-0.2	-0.5	-0.9	-0.2	3.9
4/23/2020 3:54 PM	-0.2	-0.5	-0.8	-0.2	3.4
4/23/2020 4:00 PM	-0.2	-0.5	-0.8	-0.2	3.1
4/23/2020 4:06 PM	-0.1	-0.5	-0.8	-0.1	2.9
4/23/2020 4:12 PM	-0.1	-0.5	-0.8	-0.1	2.8
4/23/2020 4:18 PM	-0.1	-0.4	-0.8	-0.1	2.7
4/23/2020 4:24 PM	-0.2	-0.4	-0.8	-0.1	2.6
4/23/2020 4:30 PM	-0.2	-0.4	-0.8	-0.1	2.5
4/23/2020 4:36 PM	-0.2	-0.5	-0.8	-0.1	2.4
4/23/2020 4:42 PM	-0.2	-0.5	-0.8	-0.1	2.4
4/23/2020 4:48 PM	-0.2	-0.4	-0.8	-0.1	2.4
4/23/2020 4:54 PM	-0.2	-0.4	-0.8	-0.1	2.4
4/23/2020 5:00 PM	-0.2	-0.4	-0.9	-0.1	2.4
4/23/2020 5:06 PM	-0.2	-0.4	-0.8	-0.1	2.3
4/23/2020 5:12 PM	-0.2	-0.4	-0.8	-0.1	2.1
4/23/2020 5:18 PM	-0.2	-0.4	-0.9	-0.1	2.1
4/23/2020 5:24 PM	-0.2	-0.4	-0.9	-0.1	2.2
4/23/2020 5:30 PM	-0.2	-0.4	-0.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 5:36 PM	-0.2	-0.4	-0.9	-0.1	2.2
4/23/2020 5:42 PM	-0.2	-0.4	-0.8	-0.1	2.2
4/23/2020 5:48 PM	-0.2	-0.4	-0.8	-0.1	2.1
4/23/2020 5:54 PM	-0.2	-0.4	-0.9	-0.1	2.1
4/23/2020 6:00 PM	-0.2	-0.4	-0.9	-0.1	2.1
4/23/2020 6:06 PM	-0.2	-0.4	-0.8	-0.1	2.1
4/23/2020 6:12 PM	-0.2	-0.4	-0.8	-0.1	2.1
4/23/2020 6:18 PM	-0.2	-0.4	-0.8	-0.1	2.1
4/23/2020 6:24 PM	-0.3	-0.4	-0.9	-0.1	2.1
4/23/2020 6:30 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 6:36 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 6:42 PM	-0.3	-0.3	-0.9	-0.1	2
4/23/2020 6:48 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 6:54 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 7:00 PM	-0.3	-0.3	-0.9	-0.1	2
4/23/2020 7:06 PM	-0.3	-0.3	-0.9	-0.1	2
4/23/2020 7:12 PM	-0.3	-0.3	-0.9	-0.1	2
4/23/2020 7:18 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 7:24 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 7:30 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 7:36 PM	-0.3	-0.3	-0.9	-0.1	2.1
4/23/2020 7:42 PM	-0.3	-0.3	-0.9	-0.1	2.2
4/23/2020 7:48 PM	-0.3	-0.3	-0.9	-0.1	2.3
4/23/2020 7:54 PM	-0.3	-0.3	-0.9	-0.1	2.4
4/23/2020 8:00 PM	-0.3	-0.3	-0.9	-0.1	2.4
4/23/2020 8:06 PM	-0.3	-0.3	-0.9	-0.1	2.3
4/23/2020 8:12 PM	-0.3	-0.3	9.9	6.5	2.3
4/23/2020 8:18 PM	-0.3	-0.3	12.3	15	2.3
4/23/2020 8:24 PM	-0.3	-0.2	2.7	18.5	2.2
4/23/2020 8:30 PM	-0.3	-0.3	1.5	17.1	2.3
4/23/2020 8:36 PM	-0.3	-0.3	0.6	4.9	2.3
4/23/2020 8:42 PM	-0.3	-0.3	-0.1	2.1	2.4
4/23/2020 8:48 PM	-0.3	-0.3	-0.5	1.6	2.4
4/23/2020 8:54 PM	-0.3	-0.3	-0.7	1.5	2.4
4/23/2020 9:00 PM	-0.3	-0.3	-0.8	1.1	2.3
4/23/2020 9:06 PM	-0.3	-0.3	-0.8	0.6	2.3
4/23/2020 9:12 PM	-0.3	-0.3	-0.8	0.3	2.4
4/23/2020 9:18 PM	-0.3	-0.3	-0.9	0.1	2.4
4/23/2020 9:24 PM	-0.3	-0.2	-0.9	0	2.4
4/23/2020 9:30 PM	-0.3	-0.2	-0.9	-0.1	2.4
4/23/2020 9:36 PM	-0.3	-0.2	-0.9	-0.1	2.3
4/23/2020 9:42 PM	-0.3	-0.2	-0.9	-0.1	2.3
4/23/2020 9:48 PM	-0.3	-0.3	-0.9	-0.1	2.3
4/23/2020 9:54 PM	-0.3	-0.3	-0.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/23/2020 10:00 PM	-0.3	-0.2	-0.9	-0.1	2.3
4/23/2020 10:06 PM	-0.3	-0.3	-0.9	-0.1	2.3
4/23/2020 10:12 PM	-0.4	-0.3	-0.9	-0.1	2.2
4/23/2020 10:18 PM	-0.4	-0.2	-0.8	-0.1	2.2
4/23/2020 10:24 PM	-0.4	-0.2	-0.8	-0.1	2.2
4/23/2020 10:30 PM	-0.4	-0.2	-0.8	-0.1	2.1
4/23/2020 10:36 PM	-0.4	-0.2	-0.8	-0.1	2.1
4/23/2020 10:42 PM	-0.4	-0.3	-0.8	0	2.1
4/23/2020 10:48 PM	-0.4	-0.2	-0.8	0	2.2
4/23/2020 10:54 PM	-0.4	0.1	-0.8	0	2.3
4/23/2020 11:00 PM	-0.4	0.2	-0.8	0	2.4
4/23/2020 11:06 PM	-0.4	-0.1	-0.8	0	2.4
4/23/2020 11:12 PM	-0.4	-0.1	-0.9	0	2.3
4/23/2020 11:18 PM	-0.4	-0.1	-0.9	-0.1	2.3
4/23/2020 11:24 PM	-0.4	-0.2	-0.9	0	2.2
4/23/2020 11:30 PM	-0.4	-0.3	-0.9	0	2.2
4/23/2020 11:36 PM	-0.4	-0.3	-0.9	0	2.3
4/23/2020 11:42 PM	-0.4	0.2	-0.9	0	2.2
4/23/2020 11:48 PM	-0.4	0.5	-0.9	0	2.2
4/23/2020 11:54 PM	-0.4	0.3	-0.9	0	2.1
4/24/2020 12:00 AM	-0.4	0.7	-0.9	0	2.5
4/24/2020 12:06 AM	-0.4	0.9	-0.9	0	2.7
4/24/2020 12:12 AM	-0.4	0.8	-0.9	0	2.5
4/24/2020 12:18 AM	-0.4	0.7	-0.9	0	2.5
4/24/2020 12:24 AM	-0.4	0.6	-0.9	0	2.5
4/24/2020 12:30 AM	-0.4	0.6	-0.9	0	2.7
4/24/2020 12:36 AM	-0.4	0.8	-0.9	0	3.7
4/24/2020 12:42 AM	-0.4	1	-0.9	0	4
4/24/2020 12:48 AM	-0.4	0.9	-0.9	0	3.8
4/24/2020 12:54 AM	-0.4	0.9	-0.9	0	5.1
4/24/2020 1:00 AM	-0.4	0.9	-0.9	0	6.4
4/24/2020 1:06 AM	-0.4	0.9	-0.9	0	5.8
4/24/2020 1:12 AM	-0.4	0.9	-0.9	0	5.5
4/24/2020 1:18 AM	-0.4	0.8	-0.9	0	5.4
4/24/2020 1:24 AM	-0.4	0.9	-0.9	0	5.4
4/24/2020 1:30 AM	-0.4	0.9	-0.9	0	5.6
4/24/2020 1:36 AM	-0.4	0.9	-0.9	0	5.6
4/24/2020 1:42 AM	-0.4	0.9	-0.9	0	5.5
4/24/2020 1:48 AM	-0.4	0.9	9.2	0	5.3
4/24/2020 1:54 AM	-0.4	0.8	20.2	0.1	5.2
4/24/2020 2:00 AM	-0.4	0.8	11.9	0.1	5.2
4/24/2020 2:06 AM	-0.4	0.8	6.4	0.1	5
4/24/2020 2:12 AM	-0.4	0.8	6.2	0	4.9
4/24/2020 2:18 AM	-0.4	0.8	5.5	0	4.9

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/24/2020 2:24 AM	-0.4	0.8	4.3	0	5
4/24/2020 2:30 AM	-0.4	0.8	3.6	0	4.8
4/24/2020 2:36 AM	-0.4	0.8	3.4	0	4.8
4/24/2020 2:42 AM	-0.4	0.7	3.3	0	4.8
4/24/2020 2:48 AM	-0.4	0.7	3.4	0.1	4.8
4/24/2020 2:54 AM	-0.4	0.8	3.5	0.1	5
4/24/2020 3:00 AM	-0.4	0.8	3.6	0.1	5.1
4/24/2020 3:06 AM	-0.4	0.7	3.9	0.1	4.8
4/24/2020 3:12 AM	-0.4	0.7	3.6	0.1	4.7
4/24/2020 3:18 AM	-0.4	0.7	1.7	0	5
4/24/2020 3:24 AM	-0.4	0.8	0	0	5.1
4/24/2020 3:30 AM	-0.4	0.8	-0.3	0.1	5.2
4/24/2020 3:36 AM	-0.4	0.8	-0.4	0.1	5.3
4/24/2020 3:42 AM	-0.4	0.8	-0.5	0.1	5.3
4/24/2020 3:48 AM	-0.4	0.8	-0.5	0.1	5.4
4/24/2020 3:54 AM	-0.4	0.8	-0.6	0	5.3
4/24/2020 4:00 AM	-0.4	0.7	-0.6	0	5.4
4/24/2020 4:06 AM	-0.4	0.5	-0.6	0	4.8
4/24/2020 4:12 AM	-0.4	0.3	-0.7	0	4
4/24/2020 4:18 AM	-0.4	0.3	-0.7	0	4.1
4/24/2020 4:24 AM	-0.4	0.3	-0.7	0	4.2
4/24/2020 4:30 AM	-0.4	0.4	-0.7	0	3.9
4/24/2020 4:36 AM	-0.4	0.4	-0.7	0	3.8
4/24/2020 4:42 AM	-0.4	0.1	-0.7	0	3.3
4/24/2020 4:48 AM	-0.4	0	-0.7	0	2.6
4/24/2020 4:54 AM	-0.4	0.1	-0.7	0	2.6
4/24/2020 5:00 AM	-0.4	0.1	-0.7	0	2.7
4/24/2020 5:06 AM	-0.4	0.1	-0.7	0	2.7
4/24/2020 5:12 AM	-0.4	0.1	-0.7	0	2.6
4/24/2020 5:18 AM	-0.4	0.1	-0.7	0	2.6
4/24/2020 5:24 AM	-0.4	0.1	-0.8	0	2.5
4/24/2020 5:30 AM	-0.4	0	-0.8	0	2.3
4/24/2020 5:36 AM	-0.4	0	-0.7	0	2.1
4/24/2020 5:42 AM	-0.4	-0.1	-0.8	0	2.1
4/24/2020 5:48 AM	-0.4	-0.1	-0.8	0	2.1
4/24/2020 5:54 AM	-0.4	-0.1	-0.8	0	2.2
4/24/2020 6:00 AM	-0.4	-0.1	-0.8	0	2.2
4/24/2020 6:06 AM	-0.4	-0.1	-0.8	0	2.2
4/24/2020 6:12 AM	-0.4	-0.1	-0.8	0	2.2
4/24/2020 6:18 AM	-0.4	-0.2	-0.7	0	2.1
4/24/2020 6:24 AM	-0.4	-0.3	-0.7	0	2
4/24/2020 6:30 AM	-0.4	-0.2	-0.7	0	2.1
4/24/2020 6:36 AM	-0.4	-0.3	-0.7	0	2.1
4/24/2020 6:42 AM	-0.4	-0.4	-0.7	0	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/24/2020 6:48 AM	-0.4	-0.4	-0.7	0	2
4/24/2020 6:54 AM	-0.4	-0.3	-0.7	0.1	2
4/24/2020 7:00 AM	-0.4	-0.3	-0.8	0.1	2.1
4/24/2020 7:06 AM	-0.4	-0.3	-0.8	0.1	2.2
4/24/2020 7:12 AM	-0.4	-0.2	-0.8	0.1	2.2
4/24/2020 7:18 AM	-0.4	-0.2	-0.8	0.1	2
4/24/2020 7:24 AM	-0.4	-0.2	-0.8	0.1	2
4/24/2020 7:30 AM	-0.4	-0.2	-0.8	0.1	2
4/24/2020 7:36 AM	-0.4	-0.2	-0.8	0.1	2.1
4/24/2020 7:42 AM	-0.4	-0.2	-0.8	0.1	2.1
4/24/2020 7:48 AM	-0.4	-0.2	-0.8	0	2.1
4/24/2020 7:54 AM	-0.4	-0.2	-0.8	0	2.1
4/24/2020 8:00 AM	-0.4	-0.2	-0.8	0	2.1
4/24/2020 8:06 AM	-0.4	-0.2	-0.8	0	2.2
4/24/2020 8:12 AM	-0.4	-0.2	-0.8	0.1	2.2
4/24/2020 8:18 AM	-0.4	-0.1	-0.8	0.1	2.2
4/24/2020 8:24 AM	-0.4	-0.1	-0.8	0.1	2.2
4/24/2020 8:30 AM	-0.4	0	-0.8	0.1	2.2
4/24/2020 8:36 AM	-0.4	0	-0.8	0.1	2.3
4/24/2020 8:42 AM	-0.4	0	-0.8	0.1	2.3
4/24/2020 8:48 AM	-0.4	0.1	-0.8	0.1	2.4
4/24/2020 8:54 AM	-0.3	0.5	-0.8	0.1	2.7
4/24/2020 9:00 AM	-0.3	0.4	-0.8	0.1	2.6
4/24/2020 9:06 AM	-0.3	0.9	-0.8	0.1	3.6
4/24/2020 9:12 AM	-0.3	1.2	-0.8	0.1	4.7
4/24/2020 9:18 AM	-0.3	1.2	-0.8	0	5.2
4/24/2020 9:24 AM	-0.3	1.2	3.8	0	4.8
4/24/2020 9:30 AM	-0.3	1.1	21.8	0	4.5
4/24/2020 9:36 AM	-0.3	0.9	18.1	0.1	4.3
4/24/2020 9:42 AM	-0.3	0.7	9.5	0.1	4.2
4/24/2020 9:48 AM	-0.3	0.7	8.4	1.3	4
4/24/2020 9:54 AM	-0.3	0.7	6.1	3.3	4
4/24/2020 10:00 AM	-0.3	0.7	8.3	2.1	4.8
4/24/2020 10:06 AM	-0.3	0.7	9.3	0.7	5.6
4/24/2020 10:12 AM	-0.3	0.7	6.5	0.3	5.6
4/24/2020 10:18 AM	-0.3	0.6	5.7	0.2	5.4
4/24/2020 10:24 AM	-0.3	0.7	5.7	0.1	5.2
4/24/2020 10:30 AM	-0.3	0.6	5.8	0	5.2
4/24/2020 10:36 AM	-0.3	0.6	5.8	0	5.1
4/24/2020 10:42 AM	-0.3	0.6	5.8	0	4.8
4/24/2020 10:48 AM	-0.3	0.6	6	0	4.9
4/24/2020 10:54 AM	-0.3	0.5	6.3	0	4.5
4/24/2020 11:00 AM	-0.3	0.5	6.6	0	3.1
4/24/2020 11:06 AM	-0.2	0.5	6.7	0	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/24/2020 11:12 AM	-0.2	0.4	6.7	0	2.4
4/24/2020 11:18 AM	-0.2	0.1	6.6	0	2.1
4/24/2020 11:24 AM	-0.2	0	6.7	0	1.8
4/24/2020 11:30 AM	-0.2	0	5.8	0	1.8
4/24/2020 11:36 AM	-0.2	0.1	2.8	0	2
4/24/2020 11:42 AM	-0.2	0.2	1	0	2.1
4/24/2020 11:48 AM	-0.3	0.2	0.6	0	2.2
4/24/2020 11:54 AM	-0.3	0.1	0.4	0	2.4
4/24/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/24/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/24/2020 12:12 PM	-2	-0.3	0.1	-0.2	2.1
4/24/2020 12:18 PM	-2	-0.3	0.1	-0.2	2.1
4/24/2020 12:24 PM	-2	-0.4	0	-0.2	2.2
4/24/2020 12:30 PM	-2	-0.4	-0.1	-0.2	2.2
4/24/2020 12:36 PM	-2	-0.3	-0.2	-0.2	2.1
4/24/2020 12:42 PM	-2	-0.4	-0.2	-0.2	2.1
4/24/2020 12:48 PM	-2	-0.6	-0.3	-0.2	2.1
4/24/2020 12:54 PM	-2	-0.6	-0.3	-0.2	2
4/24/2020 1:00 PM	-2	-0.6	-0.4	-0.2	2
4/24/2020 1:06 PM	-2	-0.5	-0.4	-0.2	2
4/24/2020 1:12 PM	-2	-0.5	-0.5	-0.2	1.8
4/24/2020 1:18 PM	-2	-0.5	-0.5	-0.3	1.8
4/24/2020 1:24 PM	-2	-0.6	-0.4	-0.3	1.8
4/24/2020 1:30 PM	-2	-0.6	-0.4	-0.3	1.9
4/24/2020 1:36 PM	-2	-0.6	-0.4	-0.3	1.9
4/24/2020 1:42 PM	-2	-0.6	-0.4	-0.3	1.9
4/24/2020 1:48 PM	-2	-0.6	-0.4	-0.2	1.9
4/24/2020 1:54 PM	-2	-0.6	-0.3	-0.2	1.9
4/24/2020 2:00 PM	-2	-0.5	-0.3	-0.2	1.9
4/24/2020 2:06 PM	-2	-0.5	-0.4	-0.2	1.9
4/24/2020 2:12 PM	-2	-0.5	-0.4	-0.2	1.9
4/24/2020 2:18 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:24 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:30 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:36 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:42 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:48 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 2:54 PM	-2	-0.5	-0.5	-0.2	1.9
4/24/2020 3:00 PM	-2	-0.5	-0.5	-0.2	2
4/24/2020 3:06 PM	-2	-0.5	-0.4	-0.2	1.9
4/24/2020 3:12 PM	-2	-0.4	-0.5	-0.2	1.9
4/24/2020 3:18 PM	-2	-0.4	-0.5	-0.2	1.9
4/24/2020 3:24 PM	-2	-0.4	-0.5	-0.2	1.9
4/24/2020 3:30 PM	-1.9	-0.3	-0.5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/24/2020 3:36 PM	-1.9	-0.4	-0.5	-0.3	1.9
4/24/2020 3:42 PM	-1.9	-0.4	-0.5	-0.3	1.9
4/24/2020 3:48 PM	-1.9	-0.5	-0.5	-0.3	2
4/24/2020 3:54 PM	-1.9	-0.5	-0.5	-0.3	2
4/24/2020 4:00 PM	-1.9	-0.5	-0.5	-0.3	1.9
4/24/2020 4:06 PM	-1.9	-0.6	-0.5	-0.3	1.9
4/24/2020 4:12 PM	-1.9	-0.5	-0.5	-0.3	1.9
4/24/2020 4:18 PM	-1.9	-0.5	-0.5	-0.3	1.9
4/24/2020 4:24 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 4:30 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 4:36 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 4:42 PM	-1.9	-0.6	-0.6	-0.3	2
4/24/2020 4:48 PM	-1.9	-0.6	-0.6	-0.3	2
4/24/2020 4:54 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 5:00 PM	-1.9	-0.6	-0.7	-0.3	1.9
4/24/2020 5:06 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 5:12 PM	-1.9	-0.6	-0.6	-0.3	2
4/24/2020 5:18 PM	-1.9	-0.6	-0.6	-0.3	1.9
4/24/2020 5:24 PM	-1.9	-0.6	-0.6	-0.3	2
4/24/2020 5:30 PM	-1.9	-0.6	-0.6	-0.2	2
4/24/2020 5:36 PM	-1.9	-0.5	-0.6	-0.2	1.9
4/24/2020 5:42 PM	-1.9	-0.5	-0.6	-0.2	1.9
4/24/2020 5:48 PM	-1.9	-0.6	-0.7	-0.2	1.9
4/24/2020 5:54 PM	-1.9	-0.5	-0.7	-0.3	1.9
4/24/2020 6:00 PM	-1.9	-0.5	-0.7	-0.3	1.9
4/24/2020 6:06 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 6:12 PM	-2	-0.5	-0.8	-0.3	1.9
4/24/2020 6:18 PM	-2	-0.5	-0.8	-0.3	1.9
4/24/2020 6:24 PM	-2	-0.5	-0.8	-0.3	1.9
4/24/2020 6:30 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 6:36 PM	-2	-0.6	-0.7	-0.3	1.9
4/24/2020 6:42 PM	-2	-0.5	-0.7	-0.3	2
4/24/2020 6:48 PM	-2	-0.5	-0.8	-0.3	2
4/24/2020 6:54 PM	-2	-0.5	-0.8	-0.3	1.9
4/24/2020 7:00 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 7:06 PM	-2	-0.5	-0.8	-0.3	1.9
4/24/2020 7:12 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 7:18 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 7:24 PM	-2	-0.5	-0.7	-0.3	2
4/24/2020 7:30 PM	-2	-0.5	-0.7	-0.3	2
4/24/2020 7:36 PM	-2	-0.5	-0.7	-0.3	2
4/24/2020 7:42 PM	-2	-0.6	-0.7	-0.3	1.9
4/24/2020 7:48 PM	-2	-0.5	-0.7	-0.3	1.9
4/24/2020 7:54 PM	-1.9	-0.5	-0.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/24/2020 8:00 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:06 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:12 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:18 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:24 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:30 PM	-1.9	-0.5	-0.7	-0.3	1.9
4/24/2020 8:36 PM	-1.9	-0.5	-0.7	-0.3	1.9
4/24/2020 8:42 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:48 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 8:54 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:00 PM	-1.9	-0.6	-0.8	-0.3	1.9
4/24/2020 9:06 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:12 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:18 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:24 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:30 PM	-1.9	-0.5	-0.8	-0.3	2
4/24/2020 9:36 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:42 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:48 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 9:54 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:00 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:06 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:12 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:18 PM	-1.9	-0.5	-0.8	-0.3	1.8
4/24/2020 10:24 PM	-1.9	-0.5	-0.8	-0.3	1.8
4/24/2020 10:30 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:36 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:42 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:48 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 10:54 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:00 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:06 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:12 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:18 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:24 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:30 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:36 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:42 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:48 PM	-1.9	-0.5	-0.8	-0.3	1.9
4/24/2020 11:54 PM	-1.9	-0.5	-0.8	-0.3	1.8
4/25/2020 12:00 AM	-1.9	-0.1	-0.8	-0.3	1.2
4/25/2020 12:06 AM	-1.9	0.1	-0.8	-0.3	0.2
4/25/2020 12:12 AM	-1.9	-0.1	-0.8	-0.3	0.1
4/25/2020 12:18 AM	-1.9	-0.1	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 12:24 AM	-1.9	-0.2	-0.9	-0.3	0.1
4/25/2020 12:30 AM	-1.9	-0.2	-0.9	-0.3	0
4/25/2020 12:36 AM	-2	-0.2	-0.9	-0.3	0
4/25/2020 12:42 AM	-2	-0.2	-0.9	-0.3	0
4/25/2020 12:48 AM	-2	-0.1	-0.9	-0.3	0
4/25/2020 12:54 AM	-2	-0.2	-0.9	-0.3	0
4/25/2020 1:00 AM	-2	-0.2	-0.9	-0.3	0
4/25/2020 1:06 AM	-2	-0.2	-0.9	-0.3	0
4/25/2020 1:12 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 1:18 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 1:24 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 1:30 AM	-2	-0.3	-0.8	-0.3	0.1
4/25/2020 1:36 AM	-2	-0.2	-0.8	-0.3	0
4/25/2020 1:42 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 1:48 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 1:54 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 2:00 AM	-2	-0.2	-0.9	-0.3	0.1
4/25/2020 2:06 AM	-2	-0.3	-0.9	-0.3	0
4/25/2020 2:12 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:18 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:24 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:30 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:36 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:42 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:48 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 2:54 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:00 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:06 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:12 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:18 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:24 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:30 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:36 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:42 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:48 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 3:54 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:00 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:06 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:12 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:18 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:24 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:30 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:36 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:42 AM	-2	-0.4	-0.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 4:48 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 4:54 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 5:00 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 5:06 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 5:12 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 5:18 AM	-2	-0.4	-0.9	-0.3	0
4/25/2020 5:24 AM	-2	-0.4	-1	-0.3	0
4/25/2020 5:30 AM	-2	-0.4	-1	-0.3	0
4/25/2020 5:36 AM	-2	-0.3	-1	-0.3	0
4/25/2020 5:42 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 5:48 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 5:54 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 6:00 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 6:06 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 6:12 AM	-2	-0.3	-1.1	-0.3	0
4/25/2020 6:18 AM	-2	-0.2	-1.1	-0.3	0
4/25/2020 6:24 AM	-2	-0.1	-1	-0.3	0
4/25/2020 6:30 AM	-2	-0.5	-1	-0.4	0
4/25/2020 6:36 AM	-2	-0.7	-1	-0.4	0
4/25/2020 6:42 AM	-2	-0.7	-1	-0.4	0
4/25/2020 6:48 AM	-2	-0.7	-1	-0.4	0
4/25/2020 6:54 AM	-2	-0.7	-1	-0.4	0
4/25/2020 7:00 AM	-1.9	-0.6	-1	-0.4	0
4/25/2020 7:06 AM	-1.9	-0.6	-1	-0.4	0
4/25/2020 7:12 AM	-1.9	-0.6	-0.9	-0.4	0
4/25/2020 7:18 AM	-1.9	-0.6	-0.9	-0.4	0
4/25/2020 7:24 AM	-1.9	-0.6	-0.8	-0.4	0
4/25/2020 7:30 AM	-1.9	-0.6	-0.8	-0.4	0
4/25/2020 7:36 AM	-1.9	-0.6	-0.7	-0.4	0
4/25/2020 7:42 AM	-1.9	-0.6	-0.7	-0.4	0
4/25/2020 7:48 AM	-1.9	-0.5	-0.7	-0.4	0
4/25/2020 7:54 AM	-1.9	-0.2	-0.7	-0.4	0
4/25/2020 8:00 AM	-1.9	-0.2	-0.7	-0.4	0
4/25/2020 8:06 AM	-1.9	-0.2	-0.8	-0.4	0
4/25/2020 8:12 AM	-1.9	-0.3	-0.8	-0.4	0
4/25/2020 8:18 AM	-1.9	-0.3	-0.7	-0.4	0
4/25/2020 8:24 AM	-1.8	-0.3	-0.7	-0.4	0
4/25/2020 8:30 AM	-1.8	-0.3	-0.8	-0.4	0
4/25/2020 8:36 AM	-1.8	-0.3	-0.8	-0.4	0
4/25/2020 8:42 AM	-1.8	-0.4	-0.8	-0.4	0
4/25/2020 8:48 AM	-1.8	-0.4	-0.8	-0.4	0
4/25/2020 8:54 AM	-1.8	-0.4	-0.8	-0.4	0
4/25/2020 9:00 AM	-1.8	-0.4	-0.7	-0.4	0
4/25/2020 9:06 AM	-1.8	-0.4	-0.7	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 9:12 AM	-1.8	-0.4	-0.7	-0.4	0
4/25/2020 9:18 AM	-1.8	-0.4	-0.7	-0.4	0
4/25/2020 9:24 AM	-1.7	-0.4	-0.7	-0.4	0
4/25/2020 9:30 AM	-1.8	-0.4	-0.7	-0.4	0
4/25/2020 9:36 AM	-1.8	0	-0.7	-0.4	0
4/25/2020 9:42 AM	-1.7	0.2	-0.7	-0.4	0
4/25/2020 9:48 AM	-1.7	0	-0.7	-0.4	0
4/25/2020 9:54 AM	-1.7	0	-0.8	-0.4	0
4/25/2020 10:00 AM	-1.8	0	-0.8	-0.4	0
4/25/2020 10:06 AM	-1.8	0	-0.8	-0.4	0
4/25/2020 10:12 AM	-1.8	0.1	-0.8	-0.4	0
4/25/2020 10:18 AM	-1.8	0.1	-0.8	-0.4	0
4/25/2020 10:24 AM	-1.8	0.1	-0.7	-0.4	0
4/25/2020 10:30 AM	-1.8	0.2	-0.7	-0.4	0
4/25/2020 10:36 AM	-1.8	0.4	-0.7	-0.4	0
4/25/2020 10:42 AM	-1.8	0.3	-0.7	-0.4	0
4/25/2020 10:48 AM	-1.8	0.3	-0.7	-0.4	0
4/25/2020 10:54 AM	-1.8	0.3	-0.7	-0.4	0
4/25/2020 11:00 AM	-1.8	0.3	-0.8	-0.4	0
4/25/2020 11:06 AM	-1.8	0.3	-0.8	-0.4	0
4/25/2020 11:12 AM	-1.7	0.6	-0.8	-0.4	0
4/25/2020 11:18 AM	-1.7	0.8	-0.8	-0.4	0
4/25/2020 11:24 AM	-1.7	0.8	-0.8	-0.4	0
4/25/2020 11:30 AM	-1.7	0.8	-0.8	-0.4	0
4/25/2020 11:36 AM	-1.7	0.8	-0.8	-0.4	0
4/25/2020 11:42 AM	-1.7	0.7	-0.7	-0.4	0
4/25/2020 11:48 AM	-1.6	0.7	-0.7	-0.4	0
4/25/2020 11:54 AM	-1.6	0.7	-0.7	-0.4	0
4/25/2020 12:00 PM	-1.1	Calib	Calib	Calib	Calib
4/25/2020 12:06 PM	0.5	Calib	Calib	Calib	Calib
4/25/2020 12:12 PM	0.5	1.4	-0.8	-0.2	0
4/25/2020 12:18 PM	0.5	1.5	-0.8	-0.2	0
4/25/2020 12:24 PM	0.5	1.4	-0.8	-0.2	0
4/25/2020 12:30 PM	0.5	1.4	-0.8	-0.2	0
4/25/2020 12:36 PM	0.5	1.4	-0.9	-0.2	0
4/25/2020 12:42 PM	0.5	1.4	-0.9	-0.2	0
4/25/2020 12:48 PM	0.5	1.4	-0.9	-0.2	0
4/25/2020 12:54 PM	0.5	1.3	-0.9	-0.2	0
4/25/2020 1:00 PM	0.4	1.3	-1	-0.2	0
4/25/2020 1:06 PM	0.4	1.2	-1	-0.2	0
4/25/2020 1:12 PM	0.4	1.2	4.1	-0.2	0
4/25/2020 1:18 PM	0.4	1.2	6.7	-0.2	0
4/25/2020 1:24 PM	0.3	1.2	1.5	-0.2	0
4/25/2020 1:30 PM	0.3	1.3	-0.5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 1:36 PM	0.3	1.3	-0.9	-0.2	0
4/25/2020 1:42 PM	0.3	1.3	-1	-0.2	0
4/25/2020 1:48 PM	0.3	1.2	-1	-0.2	0
4/25/2020 1:54 PM	0.3	1.2	-1	-0.2	0
4/25/2020 2:00 PM	0.3	1.1	-1	-0.2	0
4/25/2020 2:06 PM	0.3	1.1	-1	-0.2	0
4/25/2020 2:12 PM	0.3	1.1	-1	-0.2	0
4/25/2020 2:18 PM	0.3	1.1	-0.9	-0.2	0
4/25/2020 2:24 PM	0.3	1	-0.9	-0.2	0
4/25/2020 2:30 PM	0.3	1	-0.9	-0.2	0
4/25/2020 2:36 PM	0.3	0.9	-0.9	-0.2	0
4/25/2020 2:42 PM	0.3	1	-0.9	-0.2	0
4/25/2020 2:48 PM	0.3	1	-0.9	-0.2	0
4/25/2020 2:54 PM	0.3	1	-0.9	-0.2	0
4/25/2020 3:00 PM	0.3	1	-1	-0.2	0
4/25/2020 3:06 PM	0.3	1	-1	-0.2	0
4/25/2020 3:12 PM	0.3	1.1	-1	-0.2	0
4/25/2020 3:18 PM	0.3	1.1	-1	-0.2	0
4/25/2020 3:24 PM	0.3	1.1	-1	-0.2	0
4/25/2020 3:30 PM	0.3	1	-1	-0.2	0
4/25/2020 3:36 PM	0.3	1	-1	-0.2	0
4/25/2020 3:42 PM	0.3	1	-1.1	-0.2	0
4/25/2020 3:48 PM	0.3	1	-1.1	-0.2	0
4/25/2020 3:54 PM	0.3	1	-1.1	-0.2	0
4/25/2020 4:00 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:06 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:12 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:18 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:24 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:30 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:36 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:42 PM	0.3	0.9	-1.1	-0.2	0
4/25/2020 4:48 PM	0.2	0.9	-1.1	-0.2	0
4/25/2020 4:54 PM	0.2	0.9	-1.1	-0.2	-0.1
4/25/2020 5:00 PM	0.2	1	-1.1	-0.2	-0.1
4/25/2020 5:06 PM	0.2	1	-1.1	-0.2	-0.1
4/25/2020 5:12 PM	0.2	1	-1.1	-0.2	0
4/25/2020 5:18 PM	0.2	1	-1.1	-0.1	-0.1
4/25/2020 5:24 PM	0.2	1	-1.1	-0.1	0
4/25/2020 5:30 PM	0.2	1	-1.1	-0.1	-0.1
4/25/2020 5:36 PM	0.1	1	-1.1	-0.1	0
4/25/2020 5:42 PM	0.1	0.9	-1.1	-0.1	0
4/25/2020 5:48 PM	0.1	0.9	-1.1	-0.1	0
4/25/2020 5:54 PM	0.1	0.9	-1.1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 6:00 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:06 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:12 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:18 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:24 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:30 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:36 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:42 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:48 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 6:54 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:00 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:06 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:12 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:18 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:24 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:30 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:36 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:42 PM	0.1	0.9	-1.1	-0.1	-0.1
4/25/2020 7:48 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 7:54 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:00 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:06 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:12 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:18 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:24 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:30 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:36 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:42 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:48 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 8:54 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 9:00 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 9:06 PM	0	0.8	-1.1	-0.1	-0.1
4/25/2020 9:12 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 9:18 PM	0	0.9	-1.1	-0.1	-0.1
4/25/2020 9:24 PM	0	0.9	12	-0.1	-0.1
4/25/2020 9:30 PM	0	0.1	21.7	-0.1	-0.1
4/25/2020 9:36 PM	0	-0.4	9.8	-0.1	-0.1
4/25/2020 9:42 PM	0	-0.4	6.2	-0.1	-0.1
4/25/2020 9:48 PM	0	-0.2	5.3	-0.1	-0.1
4/25/2020 9:54 PM	0	-0.2	4.2	-0.1	-0.1
4/25/2020 10:00 PM	0	-0.2	3.4	-0.1	-0.1
4/25/2020 10:06 PM	0	-0.2	3.3	-0.1	-0.1
4/25/2020 10:12 PM	0	-0.2	3.4	-0.1	-0.1
4/25/2020 10:18 PM	0	-0.2	3.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/25/2020 10:24 PM	0	-0.3	3.4	-0.1	-0.1
4/25/2020 10:30 PM	0	-0.3	3.6	-0.1	-0.1
4/25/2020 10:36 PM	0	-0.3	3.6	-0.1	-0.1
4/25/2020 10:42 PM	0	-0.3	3.6	-0.1	-0.1
4/25/2020 10:48 PM	0	-0.3	3.6	-0.1	-0.1
4/25/2020 10:54 PM	0	-0.3	3.5	-0.1	-0.1
4/25/2020 11:00 PM	0	-0.3	3.5	-0.1	-0.1
4/25/2020 11:06 PM	0	-0.3	3.3	-0.1	-0.1
4/25/2020 11:12 PM	0.1	-0.3	3	-0.1	-0.1
4/25/2020 11:18 PM	0.1	-0.4	2.9	-0.1	-0.1
4/25/2020 11:24 PM	0.1	-0.3	2.9	-0.1	-0.1
4/25/2020 11:30 PM	0.1	-0.3	2.7	-0.1	-0.1
4/25/2020 11:36 PM	0.1	-0.3	2.8	-0.1	-0.1
4/25/2020 11:42 PM	0.1	-0.3	3.1	-0.1	0
4/25/2020 11:48 PM	0.1	-0.3	3	-0.1	4
4/25/2020 11:54 PM	0.1	-0.3	3	-0.1	6.8
4/26/2020 12:00 AM	0.1	-0.3	3	-0.1	1.9
4/26/2020 12:06 AM	0.1	-0.3	3	-0.1	0.2
4/26/2020 12:12 AM	0.1	-0.3	4.9	-0.1	0.1
4/26/2020 12:18 AM	0.1	-0.7	6.2	-0.1	0.1
4/26/2020 12:24 AM	0.1	-1	5.2	-0.1	0.1
4/26/2020 12:30 AM	0.1	-1	5.2	-0.1	0
4/26/2020 12:36 AM	0.1	-1.1	5.4	-0.1	0
4/26/2020 12:42 AM	0.1	-1	5.5	-0.1	0
4/26/2020 12:48 AM	0.1	-1.1	5.6	-0.1	0
4/26/2020 12:54 AM	0.1	-1.1	5.6	-0.1	0
4/26/2020 1:00 AM	0.1	-1	5.5	-0.1	-0.1
4/26/2020 1:06 AM	0.1	-1.1	5.4	-0.1	-0.1
4/26/2020 1:12 AM	0.1	-1.1	5.3	-0.1	-0.1
4/26/2020 1:18 AM	0.1	-1.1	4.8	-0.1	-0.1
4/26/2020 1:24 AM	0.1	-1.1	3.8	-0.1	0
4/26/2020 1:30 AM	0.1	-1.1	3.2	-0.1	-0.1
4/26/2020 1:36 AM	0.1	-1	3.1	-0.1	-0.1
4/26/2020 1:42 AM	0.1	-1	2.8	-0.1	-0.1
4/26/2020 1:48 AM	0.1	-1.1	2.5	-0.1	-0.1
4/26/2020 1:54 AM	0.1	-1.1	2.4	-0.1	-0.1
4/26/2020 2:00 AM	0.1	-1.1	2.4	-0.1	-0.1
4/26/2020 2:06 AM	0.1	-1	2.3	-0.1	0
4/26/2020 2:12 AM	0.1	-1.1	2.3	-0.1	-0.1
4/26/2020 2:18 AM	0.1	-1.1	2.3	-0.1	-0.1
4/26/2020 2:24 AM	0.1	-1	2.3	-0.1	-0.1
4/26/2020 2:30 AM	0.1	-1	2.3	-0.1	-0.1
4/26/2020 2:36 AM	0.1	-1	2.3	-0.1	-0.1
4/26/2020 2:42 AM	0.1	-1.1	2.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/26/2020 2:48 AM	0.1	-1	2.4	-0.1	-0.1
4/26/2020 2:54 AM	0.1	-1	2.5	-0.1	-0.1
4/26/2020 3:00 AM	0.1	-1	2.7	-0.1	-0.1
4/26/2020 3:06 AM	0.1	-1	2.7	-0.1	-0.1
4/26/2020 3:12 AM	0.1	-1.1	2.6	-0.1	-0.1
4/26/2020 3:18 AM	0.1	-1	2.4	-0.1	-0.1
4/26/2020 3:24 AM	0.1	-1	2.4	-0.1	-0.1
4/26/2020 3:30 AM	0	-1	2.4	-0.1	0
4/26/2020 3:36 AM	0	-1	2.3	-0.1	-0.1
4/26/2020 3:42 AM	0	-1	2.2	-0.1	0
4/26/2020 3:48 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 3:54 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 4:00 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 4:06 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 4:12 AM	0	-1	2.3	-0.1	-0.1
4/26/2020 4:18 AM	0	-1	3.1	-0.1	-0.1
4/26/2020 4:24 AM	0	-1	3.6	-0.1	-0.1
4/26/2020 4:30 AM	0	-1	3.2	-0.1	-0.1
4/26/2020 4:36 AM	0	-1	3.2	-0.1	-0.1
4/26/2020 4:42 AM	0	-1.1	3.1	-0.1	-0.1
4/26/2020 4:48 AM	0	-1.1	3.1	-0.1	-0.1
4/26/2020 4:54 AM	0	-1.1	2.8	-0.1	0
4/26/2020 5:00 AM	0	-1	2.3	-0.1	-0.1
4/26/2020 5:06 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 5:12 AM	0	-1	2.1	-0.1	0
4/26/2020 5:18 AM	0	-1	2.1	-0.1	-0.1
4/26/2020 5:24 AM	0	-1	2.1	-0.1	-0.1
4/26/2020 5:30 AM	0	-1.1	2.1	-0.1	-0.1
4/26/2020 5:36 AM	0	-1	2.1	-0.1	0
4/26/2020 5:42 AM	0	-1	2.1	-0.1	-0.1
4/26/2020 5:48 AM	0	-1.1	2.1	-0.1	-0.1
4/26/2020 5:54 AM	0	-1	2.1	-0.1	-0.1
4/26/2020 6:00 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 6:06 AM	0	-1	2.4	-0.1	-0.1
4/26/2020 6:12 AM	0	-1	2.4	-0.1	0
4/26/2020 6:18 AM	0	-1	2.5	-0.1	0
4/26/2020 6:24 AM	0	-1	2.4	-0.1	-0.1
4/26/2020 6:30 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 6:36 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 6:42 AM	0	-1	2.2	-0.1	-0.1
4/26/2020 6:48 AM	0	-1.1	2.2	-0.1	-0.1
4/26/2020 6:54 AM	0	-1.1	2.3	-0.1	-0.1
4/26/2020 7:00 AM	0	-1	2.4	-0.1	-0.1
4/26/2020 7:06 AM	0	-1	2.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/26/2020 7:12 AM	0	-1	2.5	-0.1	0
4/26/2020 7:18 AM	0	-1	2.7	-0.1	-0.1
4/26/2020 7:24 AM	0	-1	2.9	-0.1	-0.1
4/26/2020 7:30 AM	0	-1	2.9	-0.1	0
4/26/2020 7:36 AM	0	-1	2.9	0	0
4/26/2020 7:42 AM	0	-1	3	0	0
4/26/2020 7:48 AM	0	-1	2.9	0	0
4/26/2020 7:54 AM	0	-1	2.9	0	0
4/26/2020 8:00 AM	0	-1	4.1	-0.1	0
4/26/2020 8:06 AM	0	-1	5.3	-0.1	-0.1
4/26/2020 8:12 AM	0	-1	4.5	-0.1	-0.1
4/26/2020 8:18 AM	0	-1	3.9	-0.1	-0.1
4/26/2020 8:24 AM	0	-1	3.4	-0.1	-0.1
4/26/2020 8:30 AM	0	-1	3.1	-0.1	-0.1
4/26/2020 8:36 AM	0	-1	3	-0.1	-0.1
4/26/2020 8:42 AM	0	-1	3	-0.1	-0.1
4/26/2020 8:48 AM	0	-1	3.2	-0.1	-0.1
4/26/2020 8:54 AM	0	-1	3.3	-0.1	-0.1
4/26/2020 9:00 AM	0	-1	3.3	-0.1	-0.1
4/26/2020 9:06 AM	0	-1	3.3	-0.1	-0.1
4/26/2020 9:12 AM	0	-1	4.1	-0.1	-0.1
4/26/2020 9:18 AM	0	-1	4.1	-0.1	-0.1
4/26/2020 9:24 AM	0	-1	3.1	-0.1	-0.1
4/26/2020 9:30 AM	0	-1	3	-0.1	-0.1
4/26/2020 9:36 AM	0	-1	3	-0.1	-0.1
4/26/2020 9:42 AM	0	-1	2.9	-0.1	-0.1
4/26/2020 9:48 AM	0	-1	2.9	-0.1	-0.1
4/26/2020 9:54 AM	0	-1	3.1	-0.1	-0.1
4/26/2020 10:00 AM	0	-0.9	3.3	-0.1	-0.1
4/26/2020 10:06 AM	0	-0.9	3.3	-0.1	-0.1
4/26/2020 10:12 AM	0	-1	3.2	-0.1	-0.1
4/26/2020 10:18 AM	0	-1	3.3	-0.1	-0.1
4/26/2020 10:24 AM	0	-0.9	3.4	0	-0.1
4/26/2020 10:30 AM	0	-0.9	3.4	0	0
4/26/2020 10:36 AM	0	-0.9	3.5	0	0
4/26/2020 10:42 AM	0	-0.9	3.5	0	0
4/26/2020 10:48 AM	0	-0.9	3.4	16.2	0
4/26/2020 10:54 AM	0	-1	3.8	23.5	0
4/26/2020 11:00 AM	0	-1	4.3	6.4	0
4/26/2020 11:06 AM	0	-1	4.1	1.6	0
4/26/2020 11:12 AM	0	-1	4.1	1	0
4/26/2020 11:18 AM	0	-0.9	3.9	0.6	-0.1
4/26/2020 11:24 AM	0	-0.9	3.9	0.3	-0.1
4/26/2020 11:30 AM	0	-0.9	4.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/26/2020 11:36 AM	0	-0.9	4.4	0.1	-0.1
4/26/2020 11:42 AM	0	-0.9	4.5	0	0
4/26/2020 11:48 AM	0	-1	4.5	0	-0.1
4/26/2020 11:54 AM	0	-0.9	4.6	0	0
4/26/2020 12:00 PM	0	Calib	Calib	Calib	Calib
4/26/2020 12:06 PM	-0.1	Calib	Calib	Calib	Calib
4/26/2020 12:12 PM	-0.1	-1	4.9	0	0
4/26/2020 12:18 PM	-0.1	-1	4.8	0	0
4/26/2020 12:24 PM	-0.1	-1	4.9	0	0
4/26/2020 12:30 PM	-0.1	-1	4.9	0	0
4/26/2020 12:36 PM	-0.1	-1	4.9	0	0
4/26/2020 12:42 PM	-0.1	-1	4.8	0	0
4/26/2020 12:48 PM	-0.1	4.8	4.8	0	0
4/26/2020 12:54 PM	-0.1	4.5	4.9	0	0
4/26/2020 1:00 PM	-0.1	1.7	5	0	0
4/26/2020 1:06 PM	-0.1	1.3	5	0	0
4/26/2020 1:12 PM	-0.1	1.5	4.9	0	0
4/26/2020 1:18 PM	-0.1	1.7	4.7	0	0
4/26/2020 1:24 PM	-0.1	2.1	4.5	0	0
4/26/2020 1:30 PM	-0.1	2.3	4.2	0	0
4/26/2020 1:36 PM	-0.1	2	4	0	0
4/26/2020 1:42 PM	-0.1	1.6	3.7	0	0
4/26/2020 1:48 PM	-0.1	1.2	3.5	0	0
4/26/2020 1:54 PM	-0.1	0.8	3.4	0	0
4/26/2020 2:00 PM	-0.1	0.6	3.3	0	0
4/26/2020 2:06 PM	-0.1	0.5	3.2	0	0
4/26/2020 2:12 PM	-0.1	0.3	3.1	0	0
4/26/2020 2:18 PM	-0.1	0.2	3.1	0	0
4/26/2020 2:24 PM	-0.1	0.2	3.2	0	0
4/26/2020 2:30 PM	-0.1	0.1	3.3	0	0
4/26/2020 2:36 PM	-0.1	0.1	3	0	0
4/26/2020 2:42 PM	-0.1	0	2.6	0	0
4/26/2020 2:48 PM	-0.1	0	2.3	0	0
4/26/2020 2:54 PM	-0.1	0	2.2	0	0
4/26/2020 3:00 PM	-0.1	-0.1	2.1	0	0
4/26/2020 3:06 PM	-0.1	-0.1	2.1	0	0
4/26/2020 3:12 PM	-0.1	-0.1	2.1	0	0
4/26/2020 3:18 PM	-0.1	-0.1	2.2	0	0
4/26/2020 3:24 PM	-0.1	0	2.1	0	0
4/26/2020 3:30 PM	-0.1	0	2.2	0	0
4/26/2020 3:36 PM	-0.1	-0.1	2.3	0	0.1
4/26/2020 3:42 PM	-0.1	-0.1	2.4	0	0.1
4/26/2020 3:48 PM	-0.1	-0.1	2.3	0	0.1
4/26/2020 3:54 PM	-0.1	-0.1	2.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/26/2020 4:00 PM	-0.1	-0.1	2.9	0	0.1
4/26/2020 4:06 PM	-0.1	-0.1	3.1	0	0.1
4/26/2020 4:12 PM	-0.1	-0.1	3.2	0	0.1
4/26/2020 4:18 PM	-0.1	0	3.4	0	0.1
4/26/2020 4:24 PM	-0.1	0	3.7	0	0.1
4/26/2020 4:30 PM	-0.1	0	3.9	0	0.1
4/26/2020 4:36 PM	-0.1	0	3.9	0	0.1
4/26/2020 4:42 PM	-0.1	0	3.8	0	0.1
4/26/2020 4:48 PM	-0.1	0	3.6	0	0.1
4/26/2020 4:54 PM	-0.1	0	3.6	0	0.1
4/26/2020 5:00 PM	-0.1	0	3.6	0	0.1
4/26/2020 5:06 PM	-0.1	0.1	4	0	0.1
4/26/2020 5:12 PM	-0.1	0.3	4.8	0	0.1
4/26/2020 5:18 PM	-0.1	0.2	4.9	0	0.1
4/26/2020 5:24 PM	-0.1	0	5.1	0	0
4/26/2020 5:30 PM	-0.1	1	5.7	0	0
4/26/2020 5:36 PM	-0.1	2.2	6.6	0	0
4/26/2020 5:42 PM	-0.1	2	6.5	0	0
4/26/2020 5:48 PM	-0.1	1.8	6.5	0	0
4/26/2020 5:54 PM	-0.1	1.5	6.5	0	0.1
4/26/2020 6:00 PM	-0.1	1.4	6.5	0	0.1
4/26/2020 6:06 PM	-0.1	1.3	6.6	0	0.1
4/26/2020 6:12 PM	-0.1	1.2	6.7	0	0.1
4/26/2020 6:18 PM	-0.1	1	6.8	0	0.1
4/26/2020 6:24 PM	-0.1	0.9	6.8	0	0.1
4/26/2020 6:30 PM	-0.1	1	7	0	0.1
4/26/2020 6:36 PM	-0.1	1	7	0	0
4/26/2020 6:42 PM	-0.1	1	7	0.1	0.1
4/26/2020 6:48 PM	-0.1	1	7	0.1	0.1
4/26/2020 6:54 PM	-0.1	1	6.9	0.1	0.1
4/26/2020 7:00 PM	-0.1	1	6.9	0.1	0.1
4/26/2020 7:06 PM	-0.1	1	6.9	0.1	0.1
4/26/2020 7:12 PM	-0.1	1	6.8	0.1	0.1
4/26/2020 7:18 PM	-0.1	0.9	6.8	0.1	0.1
4/26/2020 7:24 PM	-0.1	0.8	6.9	0.1	0.1
4/26/2020 7:30 PM	-0.1	0.9	7	0	0.1
4/26/2020 7:36 PM	-0.1	0.8	7.1	0	0.1
4/26/2020 7:42 PM	-0.1	0.3	6.4	0	0.1
4/26/2020 7:48 PM	-0.1	-0.1	5.6	0.1	0.1
4/26/2020 7:54 PM	-0.2	-0.1	5.4	0.1	0.1
4/26/2020 8:00 PM	-0.2	-0.1	5.2	0	0
4/26/2020 8:06 PM	-0.2	-0.1	4.9	0	0
4/26/2020 8:12 PM	-0.2	-0.1	4.6	0	0
4/26/2020 8:18 PM	-0.2	0	4.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/26/2020 8:24 PM	-0.2	0	4.2	0	0
4/26/2020 8:30 PM	-0.2	0	4.1	0	0
4/26/2020 8:36 PM	-0.2	0	4.1	0	0
4/26/2020 8:42 PM	-0.2	0	4	0	0
4/26/2020 8:48 PM	-0.2	0.1	4	0	0
4/26/2020 8:54 PM	-0.2	0.1	4	0	0
4/26/2020 9:00 PM	-0.2	0	4	0	0
4/26/2020 9:06 PM	-0.2	0	4.1	0	0
4/26/2020 9:12 PM	-0.2	0	4.2	0	0
4/26/2020 9:18 PM	-0.2	0	4.2	0	0
4/26/2020 9:24 PM	-0.2	0	4.2	0	0
4/26/2020 9:30 PM	-0.2	0.1	4.2	0	0
4/26/2020 9:36 PM	-0.2	0	4.4	0	0
4/26/2020 9:42 PM	-0.2	0	4.6	0	0
4/26/2020 9:48 PM	-0.2	0	4.8	0	0
4/26/2020 9:54 PM	-0.2	0	4.8	0.1	0
4/26/2020 10:00 PM	-0.2	0	4.8	0.1	0
4/26/2020 10:06 PM	-0.2	0	4.8	0.1	0.1
4/26/2020 10:12 PM	-0.2	0	4.7	0.1	0.1
4/26/2020 10:18 PM	-0.2	0	4.6	0.1	0
4/26/2020 10:24 PM	-0.2	0	4.6	0.1	0.1
4/26/2020 10:30 PM	-0.2	0.2	4.4	0.1	0.1
4/26/2020 10:36 PM	-0.2	0.1	3.8	0.1	0.1
4/26/2020 10:42 PM	-0.2	-0.1	3.5	0.1	0.1
4/26/2020 10:48 PM	-0.2	-0.1	3.2	0.1	0.1
4/26/2020 10:54 PM	-0.2	-0.1	3.1	0.1	0
4/26/2020 11:00 PM	-0.2	-0.1	3	0.1	0
4/26/2020 11:06 PM	-0.2	0	2.8	0.1	0
4/26/2020 11:12 PM	-0.2	0	2.8	0.1	0
4/26/2020 11:18 PM	-0.2	-0.1	2.8	0.1	0
4/26/2020 11:24 PM	-0.2	-0.1	2.8	0.1	0
4/26/2020 11:30 PM	-0.2	-0.1	2.8	0.1	0
4/26/2020 11:36 PM	-0.2	-0.2	2.7	0.1	0.1
4/26/2020 11:42 PM	-0.2	-0.5	3.5	0.1	0.1
4/26/2020 11:48 PM	-0.2	-0.8	3.8	0.1	0.1
4/26/2020 11:54 PM	-0.2	-1	3.7	0	0.1
4/27/2020 12:00 AM	-0.2	-1	3.6	0	0.1
4/27/2020 12:06 AM	-0.2	-1	3.5	0	0
4/27/2020 12:12 AM	-0.2	-1.1	3.3	0	0
4/27/2020 12:18 AM	-0.2	-1.1	3.3	0	0
4/27/2020 12:24 AM	-0.2	-1.1	3.3	0	0
4/27/2020 12:30 AM	-0.2	-1.1	3.3	0	0
4/27/2020 12:36 AM	-0.2	-1.1	3.2	0	0
4/27/2020 12:42 AM	-0.2	-1.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 12:48 AM	-0.2	-1.1	3.3	0	0
4/27/2020 12:54 AM	-0.2	-1.1	3.3	0	0
4/27/2020 1:00 AM	-0.2	-1	3.4	0	0
4/27/2020 1:06 AM	-0.2	-1	3.4	0	0
4/27/2020 1:12 AM	-0.2	-1.1	3.3	0	0
4/27/2020 1:18 AM	-0.2	-1.1	3.2	0	0
4/27/2020 1:24 AM	-0.2	-1.1	3.2	0	0
4/27/2020 1:30 AM	-0.2	-1.1	3.2	0	0
4/27/2020 1:36 AM	-0.2	-1.2	3.2	0	0
4/27/2020 1:42 AM	-0.2	-1.1	3.2	0	0
4/27/2020 1:48 AM	-0.2	-1.1	3.3	0	0
4/27/2020 1:54 AM	-0.2	-1.1	3.4	0	0
4/27/2020 2:00 AM	-0.2	-1.1	3.3	0	0
4/27/2020 2:06 AM	-0.2	-1.1	3.2	0	0
4/27/2020 2:12 AM	-0.2	-1.1	3.3	0	0
4/27/2020 2:18 AM	-0.2	-1.1	3.4	0	0
4/27/2020 2:24 AM	-0.2	-1.1	3.4	0	0
4/27/2020 2:30 AM	-0.2	-1.2	3.3	0	0
4/27/2020 2:36 AM	-0.2	-1.1	3.3	0	0
4/27/2020 2:42 AM	-0.2	-1.1	3.3	0	0
4/27/2020 2:48 AM	-0.2	-1.1	3.2	0	0
4/27/2020 2:54 AM	-0.2	-1.2	3.3	0	0
4/27/2020 3:00 AM	-0.2	-1.1	3.3	0	0
4/27/2020 3:06 AM	-0.2	-1.1	3.3	0	0
4/27/2020 3:12 AM	-0.2	-1.1	3.3	0	0
4/27/2020 3:18 AM	-0.2	-1.1	3.4	0	0
4/27/2020 3:24 AM	-0.2	-1.1	3.4	0	0
4/27/2020 3:30 AM	-0.2	-1.2	3.3	0	0
4/27/2020 3:36 AM	-0.2	-1.2	3.3	0	0
4/27/2020 3:42 AM	-0.2	-1.2	3.4	0	0
4/27/2020 3:48 AM	-0.2	-1.2	3.4	0	0
4/27/2020 3:54 AM	-0.2	-1.1	3.4	0	0
4/27/2020 4:00 AM	-0.2	-1.1	3.4	0	0
4/27/2020 4:06 AM	-0.2	-1.1	3.4	0	0
4/27/2020 4:12 AM	-0.2	-1.1	3.3	0	0
4/27/2020 4:18 AM	-0.3	-1.2	3.3	0	0
4/27/2020 4:24 AM	-0.3	-1.2	3.2	0	0
4/27/2020 4:30 AM	-0.3	-1.1	3.2	0	0
4/27/2020 4:36 AM	-0.3	-1.1	3.1	0	0
4/27/2020 4:42 AM	-0.3	-1.1	3	0	0
4/27/2020 4:48 AM	-0.3	-1.1	2.9	0	0
4/27/2020 4:54 AM	-0.3	-1.1	2.6	0	0
4/27/2020 5:00 AM	-0.3	-1.1	2.5	0	0
4/27/2020 5:06 AM	-0.3	-1.1	2.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 5:12 AM	-0.3	-1.1	2.4	0	0
4/27/2020 5:18 AM	-0.3	-1.1	2.3	0	0
4/27/2020 5:24 AM	-0.3	-1.1	2.3	0	0
4/27/2020 5:30 AM	-0.3	-1.1	2.3	0	0
4/27/2020 5:36 AM	-0.3	-1.1	2.3	0	0
4/27/2020 5:42 AM	-0.3	-1.1	2.3	0	0
4/27/2020 5:48 AM	-0.2	-1.1	2.3	0	0
4/27/2020 5:54 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:00 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:06 AM	-0.2	-1.1	2.3	0	0
4/27/2020 6:12 AM	-0.2	-1.1	2.3	0	0
4/27/2020 6:18 AM	-0.2	-1.1	2.3	0	0
4/27/2020 6:24 AM	-0.2	-1.1	2.3	0	0
4/27/2020 6:30 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:36 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:42 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:48 AM	-0.2	-1.1	2.2	0	0
4/27/2020 6:54 AM	-0.2	-1.1	2.2	0	0
4/27/2020 7:00 AM	-0.2	-1.1	2.2	0	0
4/27/2020 7:06 AM	-0.2	-1	2.2	0	0
4/27/2020 7:12 AM	-0.2	-1.1	2.3	0	0
4/27/2020 7:18 AM	-0.2	-1.1	2.4	0	0
4/27/2020 7:24 AM	-0.2	-1.1	2.4	0	0
4/27/2020 7:30 AM	-0.2	-1.1	2.3	0	0
4/27/2020 7:36 AM	-0.2	-1.1	2.3	0	0
4/27/2020 7:42 AM	-0.2	-1.1	2.4	0	0
4/27/2020 7:48 AM	-0.2	-1	2.5	0	0
4/27/2020 7:54 AM	-0.2	-1.1	2.5	0	0
4/27/2020 8:00 AM	-0.2	-1.1	2.5	0	0
4/27/2020 8:06 AM	-0.2	-1	2.5	0	0
4/27/2020 8:12 AM	-0.2	-1.1	2.7	0	0
4/27/2020 8:18 AM	-0.2	-1.1	2.6	0	0
4/27/2020 8:24 AM	-0.2	-1.1	2.6	0	0
4/27/2020 8:30 AM	-0.2	-1.1	2.7	0	0
4/27/2020 8:36 AM	-0.2	-1	2.9	-0.1	0
4/27/2020 8:42 AM	-0.2	-1	3.2	-0.1	0
4/27/2020 8:48 AM	-0.2	-1	3.3	-0.1	0
4/27/2020 8:54 AM	-0.2	-1.1	3.3	-0.1	0
4/27/2020 9:00 AM	-0.2	-1	3.2	-0.1	0
4/27/2020 9:06 AM	-0.2	-1	3.7	-0.1	0
4/27/2020 9:12 AM	-0.1	-1	4.9	-0.1	0
4/27/2020 9:18 AM	-0.1	-1	6.6	-0.1	0
4/27/2020 9:24 AM	-0.1	-1	7.2	-0.1	0
4/27/2020 9:30 AM	-0.1	-1	6.4	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 9:36 AM	-0.1	2.5	6.3	-0.1	0
4/27/2020 9:42 AM	-0.1	4.6	5.9	-0.1	0
4/27/2020 9:48 AM	-0.1	1.7	5.3	-0.1	0
4/27/2020 9:54 AM	-0.1	1.3	4.8	-0.1	0
4/27/2020 10:00 AM	-0.1	1.7	4.6	-0.1	0
4/27/2020 10:06 AM	-0.1	2.1	4.6	-0.1	0
4/27/2020 10:12 AM	-0.1	2	4.5	-0.1	0
4/27/2020 10:18 AM	-0.1	1.7	4.4	-0.1	0
4/27/2020 10:24 AM	-0.1	1.2	4.5	-0.1	0
4/27/2020 10:30 AM	-0.1	0.9	4.5	-0.1	0
4/27/2020 10:36 AM	-0.1	0.7	4.4	-0.1	0
4/27/2020 10:42 AM	-0.1	0.5	4.3	-0.1	0
4/27/2020 10:48 AM	-0.1	0.4	4.5	-0.1	0
4/27/2020 10:54 AM	-0.1	0.4	4.6	-0.1	0
4/27/2020 11:00 AM	-0.1	0.3	4.6	-0.1	0
4/27/2020 11:06 AM	-0.1	0.3	4.9	-0.1	0
4/27/2020 11:12 AM	-0.1	0.2	4.8	-0.1	0
4/27/2020 11:18 AM	-0.1	0.2	3.9	-0.1	0
4/27/2020 11:24 AM	-0.1	0.1	3.3	-0.1	0
4/27/2020 11:30 AM	-0.1	0.1	3	-0.1	0
4/27/2020 11:36 AM	-0.1	0	2.8	-0.1	0
4/27/2020 11:42 AM	-0.1	0	2.7	-0.1	0
4/27/2020 11:48 AM	-0.1	0	2.5	-0.1	0
4/27/2020 11:54 AM	-0.1	0	2.4	-0.1	0
4/27/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/27/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/27/2020 12:12 PM	-0.5	-0.6	4.9	-0.2	0
4/27/2020 12:18 PM	-0.5	-0.8	3.8	-0.2	0
4/27/2020 12:24 PM	-0.5	-0.8	3.5	-0.2	0
4/27/2020 12:30 PM	-0.5	-1	3.6	-0.2	0
4/27/2020 12:36 PM	-0.5	-1	3.6	-0.2	0
4/27/2020 12:42 PM	-0.5	-1	3.6	-0.2	0
4/27/2020 12:48 PM	-0.5	-1	3.7	-0.2	0
4/27/2020 12:54 PM	-0.5	-1	3.5	-0.2	0
4/27/2020 1:00 PM	-0.5	-1.1	3.2	-0.2	0
4/27/2020 1:06 PM	-0.5	-1.1	3.1	-0.2	0
4/27/2020 1:12 PM	-0.5	-1.1	3	-0.2	0
4/27/2020 1:18 PM	-0.5	-1.1	3.2	-0.2	0
4/27/2020 1:24 PM	-0.5	-1	3.5	-0.2	0
4/27/2020 1:30 PM	-0.5	-1.1	3.6	-0.2	0
4/27/2020 1:36 PM	-0.5	-1.1	3.6	-0.2	0
4/27/2020 1:42 PM	-0.5	-1	3.7	-0.2	0
4/27/2020 1:48 PM	-0.5	-1.1	3.7	-0.2	0
4/27/2020 1:54 PM	-0.5	-1.1	3.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 2:00 PM	-0.5	-1	3.9	-0.2	0
4/27/2020 2:06 PM	-0.5	-1	3.9	-0.2	0
4/27/2020 2:12 PM	-0.5	-1	3.9	-0.2	0
4/27/2020 2:18 PM	-0.4	-1	4	-0.2	0
4/27/2020 2:24 PM	-0.4	-1	4	-0.2	0
4/27/2020 2:30 PM	-0.4	-1	4.2	-0.2	0
4/27/2020 2:36 PM	-0.4	-1	4.4	-0.2	0
4/27/2020 2:42 PM	-0.4	-1	4.4	-0.2	0
4/27/2020 2:48 PM	-0.4	-1	4.4	-0.2	0
4/27/2020 2:54 PM	-0.4	-1	4.5	-0.2	0
4/27/2020 3:00 PM	-0.4	-1	4.6	-0.2	0
4/27/2020 3:06 PM	-0.4	-1	4.8	-0.2	0
4/27/2020 3:12 PM	-0.4	-1	4.7	-0.2	0
4/27/2020 3:18 PM	-0.4	-1	4.6	-0.2	0
4/27/2020 3:24 PM	-0.4	-1	4.6	-0.2	0
4/27/2020 3:30 PM	-0.4	-1	4.6	-0.2	0
4/27/2020 3:36 PM	-0.4	-1	5.6	-0.2	0
4/27/2020 3:42 PM	-0.4	-1	7.1	18.1	0
4/27/2020 3:48 PM	-0.4	3.2	7.2	24.2	0
4/27/2020 3:54 PM	-0.4	5.1	5.5	8.6	0
4/27/2020 4:00 PM	-0.4	1.6	3.1	5.6	12.1
4/27/2020 4:06 PM	-0.4	0.9	1.3	3.7	11.7
4/27/2020 4:12 PM	-0.4	0.6	0.7	2.5	5.9
4/27/2020 4:18 PM	-0.4	0.4	0.5	1.7	4.5
4/27/2020 4:24 PM	-0.5	0.3	0.4	1.6	4.4
4/27/2020 4:30 PM	-0.5	0.3	0.2	1.3	4.6
4/27/2020 4:36 PM	-0.5	0.3	0.2	0.9	4.5
4/27/2020 4:42 PM	-0.5	0.1	0.1	0.7	4.1
4/27/2020 4:48 PM	-0.5	0.1	0.1	0.5	3.4
4/27/2020 4:54 PM	-0.5	0	0	0.4	2.8
4/27/2020 5:00 PM	-0.5	-0.1	0	0.3	2.4
4/27/2020 5:06 PM	-0.5	-0.1	-0.1	0.4	2.3
4/27/2020 5:12 PM	-0.5	-0.1	-0.1	0.4	2.2
4/27/2020 5:18 PM	-0.5	-0.1	-0.2	0.3	2.1
4/27/2020 5:24 PM	-0.5	-0.1	-0.2	0.2	2.1
4/27/2020 5:30 PM	-0.5	-0.1	-0.2	0	2
4/27/2020 5:36 PM	-0.5	-0.2	-0.3	-0.1	2
4/27/2020 5:42 PM	-0.5	-0.2	-0.3	-0.1	2
4/27/2020 5:48 PM	-0.5	-0.2	-0.3	-0.1	2
4/27/2020 5:54 PM	-0.5	-0.2	-0.3	-0.1	2
4/27/2020 6:00 PM	-0.5	-0.2	-0.3	-0.1	2
4/27/2020 6:06 PM	-0.5	-0.2	-0.4	-0.1	1.9
4/27/2020 6:12 PM	-0.5	-0.2	-0.4	-0.1	1.9
4/27/2020 6:18 PM	-0.5	-0.3	-0.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 6:24 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 6:30 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 6:36 PM	-0.5	-0.2	-0.4	-0.2	1.9
4/27/2020 6:42 PM	-0.5	-0.2	-0.4	-0.2	1.9
4/27/2020 6:48 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 6:54 PM	-0.5	-0.2	-0.4	-0.2	1.9
4/27/2020 7:00 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 7:06 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 7:12 PM	-0.5	-0.3	-0.5	-0.2	1.8
4/27/2020 7:18 PM	-0.5	-0.3	-0.4	-0.1	1.8
4/27/2020 7:24 PM	-0.5	-0.3	-0.5	-0.1	1.9
4/27/2020 7:30 PM	-0.5	-0.3	-0.5	-0.1	1.9
4/27/2020 7:36 PM	-0.5	-0.3	-0.4	-0.1	1.9
4/27/2020 7:42 PM	-0.5	-0.3	-0.4	-0.2	1.9
4/27/2020 7:48 PM	-0.5	-0.3	-0.5	-0.2	1.8
4/27/2020 7:54 PM	-0.6	-0.3	-0.5	-0.2	1.9
4/27/2020 8:00 PM	-0.5	-0.3	-0.5	-0.2	1.9
4/27/2020 8:06 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 8:12 PM	-0.5	-0.3	-0.5	-0.2	1.9
4/27/2020 8:18 PM	-0.5	-0.3	-0.5	-0.2	1.9
4/27/2020 8:24 PM	-0.5	-0.3	-0.5	-0.2	1.9
4/27/2020 8:30 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 8:36 PM	-0.5	-0.3	-0.5	-0.2	1.9
4/27/2020 8:42 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 8:48 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 8:54 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 9:00 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:06 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:12 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:18 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:24 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:30 PM	-0.6	-0.3	-0.6	-0.2	1.8
4/27/2020 9:36 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 9:42 PM	-0.6	-0.3	-0.6	-0.2	1.9
4/27/2020 9:48 PM	-0.6	-0.3	-0.6	-0.2	1.8
4/27/2020 9:54 PM	-0.6	-0.3	-0.6	-0.2	1.8
4/27/2020 10:00 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 10:06 PM	-0.5	-0.3	-0.6	-0.2	1.9
4/27/2020 10:12 PM	-0.6	-0.3	-0.6	-0.2	1.8
4/27/2020 10:18 PM	-0.6	-0.3	-0.7	-0.2	1.8
4/27/2020 10:24 PM	-0.6	-0.1	-0.7	-0.2	1.8
4/27/2020 10:30 PM	-0.6	0	-0.7	-0.2	1.8
4/27/2020 10:36 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 10:42 PM	-0.6	-0.2	-0.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/27/2020 10:48 PM	-0.6	-0.3	-0.7	-0.2	1.8
4/27/2020 10:54 PM	-0.6	-0.3	-0.7	-0.2	1.8
4/27/2020 11:00 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:06 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:12 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:18 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:24 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:30 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:36 PM	-0.6	-0.2	-0.7	-0.2	1.8
4/27/2020 11:42 PM	-0.6	0.9	-0.7	-0.2	1.7
4/27/2020 11:48 PM	-0.6	2.3	-0.7	-0.2	0.7
4/27/2020 11:54 PM	-0.6	1.9	-0.7	-0.2	0
4/28/2020 12:00 AM	-0.5	1.4	-0.7	-0.2	0
4/28/2020 12:06 AM	-0.5	1.1	-0.7	-0.2	0
4/28/2020 12:12 AM	-0.5	0.9	-0.8	-0.2	0
4/28/2020 12:18 AM	-0.5	0.8	-0.8	-0.2	0
4/28/2020 12:24 AM	-0.5	0.8	-0.8	-0.2	0
4/28/2020 12:30 AM	-0.5	0.8	-0.8	-0.2	-0.1
4/28/2020 12:36 AM	-0.6	0.7	-0.8	-0.2	0
4/28/2020 12:42 AM	-0.6	0.3	-0.8	-0.2	0
4/28/2020 12:48 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 12:54 AM	-0.6	-0.5	-0.8	-0.2	0
4/28/2020 1:00 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 1:06 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 1:12 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 1:18 AM	-0.6	-0.3	-0.8	-0.2	0
4/28/2020 1:24 AM	-0.6	-0.3	-0.8	-0.2	0
4/28/2020 1:30 AM	-0.6	-0.3	-0.8	-0.2	0
4/28/2020 1:36 AM	-0.6	-0.3	-0.8	-0.1	0
4/28/2020 1:42 AM	-0.6	-0.3	-0.8	-0.1	0
4/28/2020 1:48 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 1:54 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 2:00 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 2:06 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 2:12 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 2:18 AM	-0.6	-0.4	-0.8	-0.1	0
4/28/2020 2:24 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 2:30 AM	-0.6	-0.4	-0.9	-0.2	0
4/28/2020 2:36 AM	-0.6	-0.5	-0.9	-0.2	0
4/28/2020 2:42 AM	-0.6	-0.4	-0.9	-0.2	0
4/28/2020 2:48 AM	-0.6	-0.4	-0.9	-0.2	0
4/28/2020 2:54 AM	-0.6	-0.4	-0.9	-0.2	-0.1
4/28/2020 3:00 AM	-0.6	-0.4	-0.9	-0.2	-0.1
4/28/2020 3:06 AM	-0.6	-0.4	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/28/2020 3:12 AM	-0.6	-0.4	-0.9	-0.2	0
4/28/2020 3:18 AM	-0.6	-0.4	-0.9	-0.2	0
4/28/2020 3:24 AM	-0.6	-0.4	-0.8	-0.2	-0.1
4/28/2020 3:30 AM	-0.6	-0.4	-0.8	-0.2	-0.1
4/28/2020 3:36 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 3:42 AM	-0.6	-0.4	-0.8	-0.2	0
4/28/2020 3:48 AM	-0.6	-0.4	-0.8	-0.1	-0.1
4/28/2020 3:54 AM	-0.6	-0.2	-0.9	-0.1	-0.1
4/28/2020 4:00 AM	-0.6	-0.2	-0.9	-0.1	-0.1
4/28/2020 4:06 AM	-0.6	-0.2	-0.9	-0.1	0
4/28/2020 4:12 AM	-0.6	-0.2	-0.9	-0.1	-0.1
4/28/2020 4:18 AM	-0.6	-0.2	-0.9	-0.1	-0.1
4/28/2020 4:24 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 4:30 AM	-0.6	-0.3	-0.9	-0.1	0
4/28/2020 4:36 AM	-0.6	-0.3	-0.9	-0.1	0
4/28/2020 4:42 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 4:48 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 4:54 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 5:00 AM	-0.6	-0.3	-0.9	-0.1	0
4/28/2020 5:06 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 5:12 AM	-0.6	-0.3	-0.9	-0.1	0
4/28/2020 5:18 AM	-0.6	-0.3	-0.9	-0.1	-0.1
4/28/2020 5:24 AM	-0.6	-0.3	-1	-0.1	0
4/28/2020 5:30 AM	-0.6	-0.3	-1	-0.1	0
4/28/2020 5:36 AM	-0.6	-0.2	-1	-0.1	-0.1
4/28/2020 5:42 AM	-0.6	-0.3	-1.1	-0.1	-0.1
4/28/2020 5:48 AM	-0.6	-0.3	-1.1	-0.1	0
4/28/2020 5:54 AM	-0.6	-0.3	-1.1	-0.2	0
4/28/2020 6:00 AM	-0.6	-0.3	-1	-0.2	0
4/28/2020 6:06 AM	-0.6	-0.3	-1	-0.2	0
4/28/2020 6:12 AM	-0.6	-0.3	-1	-0.2	0
4/28/2020 6:18 AM	-0.6	-0.3	-1	-0.2	0
4/28/2020 6:24 AM	-0.6	-0.3	-1.1	-0.2	-0.1
4/28/2020 6:30 AM	-0.6	-0.3	-1.1	-0.2	-0.1
4/28/2020 6:36 AM	-0.6	-0.3	-1.1	-0.2	0
4/28/2020 6:42 AM	-0.6	-0.3	-1	-0.2	-0.1
4/28/2020 6:48 AM	-0.6	-0.3	-1	-0.2	-0.1
4/28/2020 6:54 AM	-0.6	-0.2	-1	-0.3	-0.1
4/28/2020 7:00 AM	-0.6	-0.1	-1	-0.3	0
4/28/2020 7:06 AM	-0.5	0	-1	-0.3	0
4/28/2020 7:12 AM	-0.5	0.5	-1	-0.3	0
4/28/2020 7:18 AM	-0.5	0.6	-1	-0.3	-0.1
4/28/2020 7:24 AM	-0.5	0.3	-0.9	-0.3	-0.1
4/28/2020 7:30 AM	-0.5	0.2	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/28/2020 7:36 AM	-0.5	0.2	-0.9	-0.3	-0.1
4/28/2020 7:42 AM	-0.5	0.1	-0.8	-0.3	-0.1
4/28/2020 7:48 AM	-0.5	0.1	-0.8	-0.3	-0.1
4/28/2020 7:54 AM	-0.4	0.2	-0.8	-0.3	-0.1
4/28/2020 8:00 AM	-0.4	0.2	-0.8	-0.3	-0.1
4/28/2020 8:06 AM	-0.4	0.2	-0.8	-0.3	-0.1
4/28/2020 8:12 AM	-0.4	0.1	-0.7	-0.3	0
4/28/2020 8:18 AM	-0.4	0.1	-0.8	-0.3	-0.1
4/28/2020 8:24 AM	-0.4	0.1	-0.8	-0.3	-0.1
4/28/2020 8:30 AM	-0.3	0.1	-0.7	-0.3	0
4/28/2020 8:36 AM	-0.3	0.1	-0.7	-0.3	-0.1
4/28/2020 8:42 AM	-0.3	0.1	-0.7	-0.3	-0.1
4/28/2020 8:48 AM	-0.3	0.1	-0.7	-0.3	-0.1
4/28/2020 8:54 AM	-0.3	0.1	-0.7	-0.3	-0.1
4/28/2020 9:00 AM	-0.3	0.1	-0.8	-0.3	-0.1
4/28/2020 9:06 AM	-0.3	0.1	-0.8	-0.2	-0.1
4/28/2020 9:12 AM	-0.3	0.1	-0.8	-0.2	-0.1
4/28/2020 9:18 AM	-0.3	0	-0.8	-0.2	-0.1
4/28/2020 9:24 AM	-0.3	0	-0.8	-0.2	-0.1
4/28/2020 9:30 AM	-0.3	0	-0.8	-0.2	0
4/28/2020 9:36 AM	-0.3	0	-0.8	-0.2	0
4/28/2020 9:42 AM	-0.3	0.1	-0.8	-0.2	0
4/28/2020 9:48 AM	-0.3	0.1	-0.8	-0.2	0
4/28/2020 9:54 AM	-0.3	0.1	-0.8	-0.2	-0.1
4/28/2020 10:00 AM	-0.3	0.1	-0.8	-0.2	-0.1
4/28/2020 10:06 AM	-0.3	0.1	-0.8	-0.2	0
4/28/2020 10:12 AM	-0.3	0.1	-0.8	-0.2	0
4/28/2020 10:18 AM	-0.3	0.1	-0.8	-0.2	0
4/28/2020 10:24 AM	-0.3	0.2	-0.8	-0.2	0
4/28/2020 10:30 AM	-0.3	0.6	-0.7	-0.2	0
4/28/2020 10:36 AM	-0.3	0.8	-0.7	-0.2	0
4/28/2020 10:42 AM	-0.3	0.7	-0.7	-0.2	0
4/28/2020 10:48 AM	-0.3	0.7	-0.8	-0.2	0
4/28/2020 10:54 AM	-0.3	0.8	-0.8	-0.2	0
4/28/2020 11:00 AM	-0.3	0.7	-0.8	-0.2	0
4/28/2020 11:06 AM	-0.3	0.7	-0.8	-0.3	0
4/28/2020 11:12 AM	-0.3	0.6	-0.8	-0.3	0
4/28/2020 11:18 AM	-0.3	0.6	-0.8	-0.3	0
4/28/2020 11:24 AM	-0.3	0.9	-0.8	-0.3	0
4/28/2020 11:30 AM	-0.3	1	-0.8	-0.3	0
4/28/2020 11:36 AM	-0.2	1	-0.8	-0.3	0
4/28/2020 11:42 AM	-0.2	0.9	-0.8	-0.3	-0.1
4/28/2020 11:48 AM	-0.2	0.9	-0.7	-0.3	-0.1
4/28/2020 11:54 AM	-0.2	0.9	-0.7	-0.3	6.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/28/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/28/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/28/2020 12:12 PM	-0.3	0.1	-0.8	-0.2	4.3
4/28/2020 12:18 PM	-0.3	0.1	-0.8	-0.2	4.2
4/28/2020 12:24 PM	-0.3	0.1	-0.8	-0.2	4.6
4/28/2020 12:30 PM	-0.3	0.1	-0.8	-0.2	4.5
4/28/2020 12:36 PM	-0.3	0.1	-0.9	-0.2	4
4/28/2020 12:42 PM	-0.3	0	-0.9	-0.2	3.5
4/28/2020 12:48 PM	<Samp	<Samp	<Samp	<Samp	<Samp
4/28/2020 12:54 PM	Maintain	Maintain	Maintain	Maintain	Maintain
4/28/2020 1:00 PM	-0.3	-0.1	-0.8	-0.2	2.4
4/28/2020 1:06 PM	-0.3	-0.1	-0.8	-0.2	2.3
4/28/2020 1:12 PM	-0.3	-0.1	-0.8	-0.3	2.2
4/28/2020 1:18 PM	-0.3	-0.2	-0.8	-0.3	2
4/28/2020 1:24 PM	-0.3	-0.1	-0.8	-0.2	2
4/28/2020 1:30 PM	-0.3	-0.1	-0.8	-0.2	2
4/28/2020 1:36 PM	-0.3	-0.1	-0.8	-0.2	2
4/28/2020 1:42 PM	-0.3	0	-0.8	-0.2	2
4/28/2020 1:48 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 1:54 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 2:00 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 2:06 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 2:12 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 2:18 PM	-0.3	0	-0.9	-0.2	2
4/28/2020 2:24 PM	-0.3	-0.1	-0.9	-0.2	1.9
4/28/2020 2:30 PM	-0.3	-0.1	-0.9	-0.2	1.9
4/28/2020 2:36 PM	-0.3	0	-0.8	-0.2	1.9
4/28/2020 2:42 PM	-0.2	0	-0.8	-0.2	2
4/28/2020 2:48 PM	-0.2	0	-0.9	-0.2	2
4/28/2020 2:54 PM	-0.2	0	-0.9	-0.2	2
4/28/2020 3:00 PM	-0.2	0	-0.9	-0.2	1.9
4/28/2020 3:06 PM	-0.2	0	-0.9	-0.2	1.9
4/28/2020 3:12 PM	-0.2	0	-0.9	-0.3	1.9
4/28/2020 3:18 PM	-0.2	0	-0.9	-0.3	1.9
4/28/2020 3:24 PM	-0.2	-0.1	-0.9	-0.3	1.9
4/28/2020 3:30 PM	-0.2	-0.1	-0.9	-0.3	1.9
4/28/2020 3:36 PM	-0.2	-0.1	-0.9	-0.3	1.9
4/28/2020 3:42 PM	-0.2	-0.1	11.4	-0.3	1.9
4/28/2020 3:48 PM	-0.2	-0.1	9.3	-0.2	1.9
4/28/2020 3:54 PM	-0.2	-0.1	3.9	-0.2	1.9
4/28/2020 4:00 PM	-0.2	-0.1	5.3	-0.2	1.2
4/28/2020 4:06 PM	-0.2	-0.1	5.8	-0.2	0.2
4/28/2020 4:12 PM	-0.2	-0.1	3.7	-0.2	0
4/28/2020 4:18 PM	-0.2	-0.2	2.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/28/2020 4:24 PM	-0.2	-0.5	6.5	-0.2	0
4/28/2020 4:30 PM	-0.2	-0.9	8.4	-0.2	0
4/28/2020 4:36 PM	-0.3	-1	5.4	-0.2	0
4/28/2020 4:42 PM	-0.3	-1	4.1	-0.2	0
4/28/2020 4:48 PM	-0.3	-1	4.6	-0.2	0
4/28/2020 4:54 PM	-0.3	-1	4.8	-0.2	0
4/28/2020 5:00 PM	-0.3	-1	4.4	-0.2	0
4/28/2020 5:06 PM	-0.3	-1	4.7	-0.2	0
4/28/2020 5:12 PM	-0.3	-1	4.8	-0.2	0
4/28/2020 5:18 PM	-0.3	-1	4.9	-0.2	0
4/28/2020 5:24 PM	-0.3	-1	5	-0.2	0
4/28/2020 5:30 PM	-0.3	-1	5.3	-0.2	0
4/28/2020 5:36 PM	-0.3	-1	5.6	-0.2	0
4/28/2020 5:42 PM	-0.3	-1	5.7	-0.2	0
4/28/2020 5:48 PM	-0.3	-1	5.8	-0.2	-0.1
4/28/2020 5:54 PM	-0.3	-1	6.5	-0.2	-0.1
4/28/2020 6:00 PM	-0.3	-1	7.3	-0.2	0
4/28/2020 6:06 PM	-0.3	-1	6.9	-0.2	0
4/28/2020 6:12 PM	-0.3	-1	6.8	-0.2	-0.1
4/28/2020 6:18 PM	-0.4	-1	7	-0.2	-0.1
4/28/2020 6:24 PM	-0.4	-1	7.2	-0.2	0
4/28/2020 6:30 PM	-0.4	-1	7.2	-0.2	-0.1
4/28/2020 6:36 PM	-0.4	-0.9	7	-0.2	-0.1
4/28/2020 6:42 PM	-0.4	-1	6.9	-0.2	-0.1
4/28/2020 6:48 PM	-0.4	-1	7.1	-0.2	-0.1
4/28/2020 6:54 PM	-0.4	-1	7.1	-0.2	-0.1
4/28/2020 7:00 PM	-0.4	-1	7.2	-0.2	0
4/28/2020 7:06 PM	-0.5	-1	7.5	-0.2	0
4/28/2020 7:12 PM	-0.5	-1	7.8	-0.2	0
4/28/2020 7:18 PM	-0.5	-1	8	-0.2	0
4/28/2020 7:24 PM	-0.5	-1	8	-0.2	0
4/28/2020 7:30 PM	-0.5	-1	8.1	-0.2	-0.1
4/28/2020 7:36 PM	-0.5	-1	8.2	-0.2	-0.1
4/28/2020 7:42 PM	-0.5	-1	8.3	-0.2	0
4/28/2020 7:48 PM	-0.5	-0.9	8.4	-0.2	-0.1
4/28/2020 7:54 PM	-0.5	-0.9	7.7	-0.2	-0.1
4/28/2020 8:00 PM	-0.5	-1	7.4	-0.2	-0.1
4/28/2020 8:06 PM	-0.5	-1	7.5	-0.2	0
4/28/2020 8:12 PM	-0.5	-1	7.6	-0.2	0
4/28/2020 8:18 PM	-0.5	-1	7.5	-0.2	0
4/28/2020 8:24 PM	-0.5	-1	7.7	-0.2	0
4/28/2020 8:30 PM	-0.5	-1	7.7	-0.2	0
4/28/2020 8:36 PM	-0.5	-1	7.6	-0.2	0
4/28/2020 8:42 PM	-0.5	-0.9	7.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/28/2020 8:48 PM	-0.5	-0.9	7.8	-0.2	-0.1
4/28/2020 8:54 PM	-0.5	-0.9	7.7	-0.2	0
4/28/2020 9:00 PM	-0.5	-0.9	7.6	-0.2	0
4/28/2020 9:06 PM	-0.5	-0.9	7.7	-0.2	0
4/28/2020 9:12 PM	-0.5	-0.9	7.7	-0.2	0
4/28/2020 9:18 PM	-0.6	-0.9	7.8	-0.2	0
4/28/2020 9:24 PM	-0.6	-1	7.8	-0.2	-0.1
4/28/2020 9:30 PM	-0.6	-1	7.7	-0.2	-0.1
4/28/2020 9:36 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 9:42 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 9:48 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 9:54 PM	-0.6	-1	7.7	-0.2	0
4/28/2020 10:00 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 10:06 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 10:12 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 10:18 PM	-0.6	-1	7.7	-0.2	0
4/28/2020 10:24 PM	-0.6	-1	7.8	-0.2	0
4/28/2020 10:30 PM	-0.6	-1	7.9	-0.2	0
4/28/2020 10:36 PM	-0.6	-0.9	7.9	-0.2	0
4/28/2020 10:42 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 10:48 PM	-0.6	-0.9	7.5	-0.2	0
4/28/2020 10:54 PM	-0.6	-0.9	7.5	-0.2	0
4/28/2020 11:00 PM	-0.6	-0.9	7.6	-0.2	0
4/28/2020 11:06 PM	-0.6	-0.9	7.7	-0.2	0
4/28/2020 11:12 PM	-0.6	-1	7.8	-0.2	0
4/28/2020 11:18 PM	-0.6	-0.9	7.8	-0.2	0
4/28/2020 11:24 PM	-0.6	-0.9	7.8	-0.2	0
4/28/2020 11:30 PM	-0.6	-0.9	7.9	-0.2	0
4/28/2020 11:36 PM	-0.6	-0.9	7.9	-0.2	0
4/28/2020 11:42 PM	-0.6	-0.9	7.9	-0.2	0
4/28/2020 11:48 PM	-0.6	-0.9	8	-0.2	0
4/28/2020 11:54 PM	-0.6	-0.9	8.2	-0.2	0
4/29/2020 12:00 AM	-0.6	-0.9	8.2	-0.2	0
4/29/2020 12:06 AM	-0.6	-0.9	8	-0.2	0
4/29/2020 12:12 AM	-0.6	-0.9	8	-0.2	0
4/29/2020 12:18 AM	-0.6	-0.9	8	-0.2	0
4/29/2020 12:24 AM	-0.6	-0.9	8	-0.2	0
4/29/2020 12:30 AM	-0.6	-0.9	8.1	-0.2	0
4/29/2020 12:36 AM	-0.6	-0.9	8.1	-0.2	0
4/29/2020 12:42 AM	-0.6	-0.9	8	-0.2	0
4/29/2020 12:48 AM	-0.6	-0.9	7.8	-0.2	0
4/29/2020 12:54 AM	-0.6	-0.9	7.8	-0.2	0
4/29/2020 1:00 AM	-0.6	-0.9	7.8	-0.2	0
4/29/2020 1:06 AM	-0.6	-0.9	7.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 1:12 AM	-0.6	-0.9	7.8	-0.2	0
4/29/2020 1:18 AM	-0.6	-0.8	7.9	-0.2	0
4/29/2020 1:24 AM	-0.6	-0.8	8.1	-0.2	0
4/29/2020 1:30 AM	-0.6	-0.8	8.1	-0.2	0
4/29/2020 1:36 AM	-0.6	-0.9	8.2	-0.2	0
4/29/2020 1:42 AM	-0.6	-0.9	8.4	-0.2	0
4/29/2020 1:48 AM	-0.6	-0.8	8.4	-0.2	0
4/29/2020 1:54 AM	-0.6	-0.9	8.1	-0.2	0
4/29/2020 2:00 AM	-0.6	-0.8	7.9	-0.2	0
4/29/2020 2:06 AM	-0.6	-0.8	8	-0.1	0
4/29/2020 2:12 AM	-0.6	-0.8	8.1	-0.1	0
4/29/2020 2:18 AM	-0.6	-0.9	7.9	-0.2	0
4/29/2020 2:24 AM	-0.6	-0.9	7.6	-0.2	0
4/29/2020 2:30 AM	-0.6	-0.9	6.5	-0.2	0
4/29/2020 2:36 AM	-0.6	-0.9	4.6	-0.2	0
4/29/2020 2:42 AM	-0.6	-0.9	3.6	-0.2	0
4/29/2020 2:48 AM	-0.6	-0.8	3.2	-0.2	0
4/29/2020 2:54 AM	-0.6	-0.8	3	-0.2	0
4/29/2020 3:00 AM	-0.6	-0.8	2.9	-0.2	0
4/29/2020 3:06 AM	-0.6	-0.8	2.8	-0.2	0
4/29/2020 3:12 AM	-0.6	-0.8	2.7	-0.2	0
4/29/2020 3:18 AM	-0.6	-0.8	2.6	-0.2	0
4/29/2020 3:24 AM	-0.6	-0.8	2.5	-0.2	0
4/29/2020 3:30 AM	-0.6	-0.8	2.4	-0.1	0
4/29/2020 3:36 AM	-0.6	-0.8	2.4	-0.1	0
4/29/2020 3:42 AM	-0.6	-0.8	2.5	-0.1	0
4/29/2020 3:48 AM	-0.6	-0.8	2.5	-0.1	0
4/29/2020 3:54 AM	-0.6	-0.8	2.5	-0.1	0
4/29/2020 4:00 AM	-0.6	-0.8	2.5	-0.1	0
4/29/2020 4:06 AM	-0.6	-0.8	2.6	-0.2	0
4/29/2020 4:12 AM	-0.6	-0.8	2.6	-0.2	0
4/29/2020 4:18 AM	-0.7	-0.8	2.6	-0.2	0
4/29/2020 4:24 AM	-0.7	-0.8	2.7	-0.2	0
4/29/2020 4:30 AM	-0.7	-0.8	2.7	-0.2	0
4/29/2020 4:36 AM	-0.7	-0.8	2.5	-0.2	0
4/29/2020 4:42 AM	-0.7	-0.8	2.5	-0.2	0
4/29/2020 4:48 AM	-0.7	-0.8	2.5	-0.2	0
4/29/2020 4:54 AM	-0.7	-0.8	2.1	-0.2	0
4/29/2020 5:00 AM	-0.7	-0.8	1.9	15	0
4/29/2020 5:06 AM	-0.7	-0.8	1.9	18.8	0
4/29/2020 5:12 AM	-0.7	-0.8	1.9	4	0
4/29/2020 5:18 AM	-0.7	-0.8	1.9	1.8	0
4/29/2020 5:24 AM	-0.7	-0.8	1.9	0.7	0
4/29/2020 5:30 AM	-0.7	-0.8	1.9	0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 5:36 AM	-0.7	-0.8	1.9	0.1	0
4/29/2020 5:42 AM	-0.7	-0.8	1.8	0	0
4/29/2020 5:48 AM	-0.7	-0.8	1.8	0	0
4/29/2020 5:54 AM	-0.7	-0.8	1.8	-0.1	0
4/29/2020 6:00 AM	-0.7	-0.8	1.9	-0.1	0
4/29/2020 6:06 AM	-0.7	-0.8	2	-0.1	0
4/29/2020 6:12 AM	-0.7	-0.8	1.9	0	0
4/29/2020 6:18 AM	-0.7	-0.8	1.9	0	0
4/29/2020 6:24 AM	-0.7	-0.8	2.6	-0.1	0
4/29/2020 6:30 AM	-0.7	-0.8	2.6	-0.1	0
4/29/2020 6:36 AM	-0.7	-0.8	1.6	-0.1	0
4/29/2020 6:42 AM	-0.7	-0.8	1.6	-0.2	0
4/29/2020 6:48 AM	-0.7	-0.8	1.8	-0.2	0
4/29/2020 6:54 AM	-0.7	-0.8	1.8	-0.2	0
4/29/2020 7:00 AM	-0.7	-0.8	1.9	-0.2	0
4/29/2020 7:06 AM	-0.7	-0.8	1.8	-0.2	0
4/29/2020 7:12 AM	-0.7	-0.8	1.7	-0.1	0
4/29/2020 7:18 AM	-0.7	-0.8	2	-0.1	0
4/29/2020 7:24 AM	-0.7	-0.7	2.2	-0.1	0
4/29/2020 7:30 AM	-0.7	-0.7	2.2	-0.1	0
4/29/2020 7:36 AM	-0.7	-0.7	2.4	-0.1	0
4/29/2020 7:42 AM	-0.7	-0.7	3	-0.1	0
4/29/2020 7:48 AM	-0.7	-0.7	3.5	-0.1	0
4/29/2020 7:54 AM	-0.7	-0.7	3.3	-0.1	0
4/29/2020 8:00 AM	-0.7	-0.7	3.2	-0.1	0
4/29/2020 8:06 AM	-0.7	-0.7	3.3	-0.1	0
4/29/2020 8:12 AM	-0.7	-0.7	3.4	-0.1	0
4/29/2020 8:18 AM	-0.7	-0.7	3.3	-0.1	0
4/29/2020 8:24 AM	-0.7	-0.7	3.4	-0.1	0
4/29/2020 8:30 AM	-0.7	-0.7	3.8	-0.1	0
4/29/2020 8:36 AM	-0.7	-0.7	4.1	-0.1	0
4/29/2020 8:42 AM	-0.7	-0.7	4	-0.1	0
4/29/2020 8:48 AM	-0.7	-0.7	4	-0.1	0
4/29/2020 8:54 AM	-0.7	-0.7	4.3	-0.1	0
4/29/2020 9:00 AM	-0.7	-0.7	4.7	-0.1	0
4/29/2020 9:06 AM	-0.7	-0.6	5.2	-0.1	0
4/29/2020 9:12 AM	-0.7	-0.6	5	-0.1	0
4/29/2020 9:18 AM	-0.7	-0.6	4.8	-0.1	0
4/29/2020 9:24 AM	-0.7	-0.6	4.7	-0.1	0
4/29/2020 9:30 AM	-0.7	-0.6	4.7	-0.1	0
4/29/2020 9:36 AM	-0.7	-0.6	4.8	-0.2	0
4/29/2020 9:42 AM	-0.7	-0.6	4.9	18	0
4/29/2020 9:48 AM	-0.7	-0.6	4.1	28.9	0
4/29/2020 9:54 AM	-0.7	-0.6	2.9	18.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 10:00 AM	-0.7	-0.5	2.3	12.1	0
4/29/2020 10:06 AM	-0.7	-0.5	2	11.7	0
4/29/2020 10:12 AM	-0.7	-0.4	1.9	10.4	0
4/29/2020 10:18 AM	-0.6	-0.5	1.9	7.5	0
4/29/2020 10:24 AM	-0.6	-0.5	2	5.8	0
4/29/2020 10:30 AM	-0.6	-0.5	2.1	5.4	0
4/29/2020 10:36 AM	-0.6	-0.5	2.1	5.4	0
4/29/2020 10:42 AM	-0.6	-0.5	2.1	5.4	0
4/29/2020 10:48 AM	-0.6	-0.5	2	5.7	0
4/29/2020 10:54 AM	-0.6	-0.5	1.9	5.9	0
4/29/2020 11:00 AM	-0.6	-0.5	1.9	5.7	0
4/29/2020 11:06 AM	-0.6	14.7	1.9	5.4	0
4/29/2020 11:12 AM	-0.6	16.5	1.9	4.9	0
4/29/2020 11:18 AM	-0.6	4.6	1.9	3.2	0
4/29/2020 11:24 AM	-0.6	1.5	2.2	0.3	0
4/29/2020 11:30 AM	-0.6	0.5	3.6	-0.5	0
4/29/2020 11:36 AM	-0.6	0	4.4	-0.5	5.6
4/29/2020 11:42 AM	-0.6	-0.2	3.4	-0.4	2
4/29/2020 11:48 AM	-0.5	-0.3	3	-0.5	0.2
4/29/2020 11:54 AM	-0.5	-0.3	2.8	-0.5	0.1
4/29/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
4/29/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
4/29/2020 12:12 PM	-0.6	-0.4	3.9	-0.5	0
4/29/2020 12:18 PM	-0.6	-0.4	4.4	-0.5	0
4/29/2020 12:24 PM	-0.6	-0.4	4.6	-0.5	0
4/29/2020 12:30 PM	-0.6	-0.4	4.6	-0.5	0
4/29/2020 12:36 PM	-0.6	-0.4	5.6	-0.5	0
4/29/2020 12:42 PM	-0.6	-0.4	6.2	-0.5	0
4/29/2020 12:48 PM	-0.6	-0.3	5.9	-0.5	0
4/29/2020 12:54 PM	-0.6	-0.3	6.7	-0.5	0
4/29/2020 1:00 PM	-0.6	-0.3	8.1	-0.5	0
4/29/2020 1:06 PM	-0.6	-0.3	8	-0.5	0
4/29/2020 1:12 PM	-0.6	-0.3	7.6	-0.5	0
4/29/2020 1:18 PM	-0.6	-0.3	7.4	-0.5	0
4/29/2020 1:24 PM	-0.6	-0.3	7.6	-0.5	0
4/29/2020 1:30 PM	-0.6	-0.3	7.9	-0.5	0
4/29/2020 1:36 PM	-0.6	-0.3	8	-0.5	0
4/29/2020 1:42 PM	-0.6	-0.3	8.1	-0.5	0
4/29/2020 1:48 PM	-0.6	-0.3	8.1	-0.5	0
4/29/2020 1:54 PM	-0.5	-0.4	8.1	-0.5	0
4/29/2020 2:00 PM	-0.6	-0.4	7.9	-0.5	0
4/29/2020 2:06 PM	-0.6	-0.4	7.9	-0.5	0
4/29/2020 2:12 PM	-0.6	-0.3	8.1	-0.5	1
4/29/2020 2:18 PM	-0.6	-0.3	7	-0.5	10.5

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 2:24 PM	-0.6	-0.3	3.2	-0.5	16.4
4/29/2020 2:30 PM	-0.6	-0.3	0.8	-0.5	13.1
4/29/2020 2:36 PM	-0.6	-0.3	0.5	-0.5	9.2
4/29/2020 2:42 PM	-0.6	-0.3	0.3	-0.5	7.4
4/29/2020 2:48 PM	-0.6	-0.3	0.1	-0.5	6.3
4/29/2020 2:54 PM	-0.6	-0.3	0.1	-0.5	6.1
4/29/2020 3:00 PM	-0.6	-0.3	0.1	-0.5	6
4/29/2020 3:06 PM	-0.6	-0.3	0	-0.5	5.8
4/29/2020 3:12 PM	-0.6	-0.3	-0.1	-0.5	5.7
4/29/2020 3:18 PM	-0.6	-0.3	-0.2	-0.5	5.7
4/29/2020 3:24 PM	-0.6	-0.3	-0.2	-0.5	5.9
4/29/2020 3:30 PM	-0.6	-0.3	-0.2	-0.5	6.1
4/29/2020 3:36 PM	-0.6	-0.3	-0.2	-0.5	5.9
4/29/2020 3:42 PM	-0.6	-0.3	-0.2	-0.5	5.6
4/29/2020 3:48 PM	-0.6	-0.3	-0.3	-0.5	5.4
4/29/2020 3:54 PM	-0.6	-0.3	-0.3	-0.5	5.3
4/29/2020 4:00 PM	-0.6	-0.3	-0.3	-0.5	5.1
4/29/2020 4:06 PM	-0.6	-0.3	-0.4	-0.5	4.9
4/29/2020 4:12 PM	-0.6	-0.3	-0.4	-0.5	4.9
4/29/2020 4:18 PM	-0.6	-0.3	13	-0.5	4.9
4/29/2020 4:24 PM	-0.6	-0.3	15.6	-0.4	4.8
4/29/2020 4:30 PM	-0.6	-0.3	17.3	-0.4	3.8
4/29/2020 4:36 PM	-0.6	-0.3	40.2	-0.4	1.2
4/29/2020 4:42 PM	-0.6	-0.3	41.5	-0.4	0.1
4/29/2020 4:48 PM	-0.6	-0.3	39.9	-0.4	0.1
4/29/2020 4:54 PM	-0.6	-0.2	39.6	-0.4	0
4/29/2020 5:00 PM	-0.6	-0.3	37.8	-0.4	2.1
4/29/2020 5:06 PM	-0.7	-0.3	20.2	-0.4	5.9
4/29/2020 5:12 PM	-0.7	-0.3	2.6	-0.5	7.2
4/29/2020 5:18 PM	-0.7	-0.3	0.4	-0.5	5.9
4/29/2020 5:24 PM	-0.7	-0.2	0.1	-0.5	5.3
4/29/2020 5:30 PM	-0.7	-0.2	-0.1	-0.5	5.2
4/29/2020 5:36 PM	-0.7	-0.2	-0.2	-0.5	5
4/29/2020 5:42 PM	-0.7	-0.3	-0.1	-0.5	4.9
4/29/2020 5:48 PM	-0.7	-0.4	-0.1	-0.4	4.9
4/29/2020 5:54 PM	-0.7	-0.4	-0.2	-0.4	4.9
4/29/2020 6:00 PM	-0.7	-0.3	-0.3	-0.4	4.9
4/29/2020 6:06 PM	-0.7	-0.3	-0.4	-0.4	4.9
4/29/2020 6:12 PM	-0.7	-0.3	-0.4	-0.4	4.9
4/29/2020 6:18 PM	-0.7	-0.2	-0.5	-0.4	4.7
4/29/2020 6:24 PM	-0.7	-0.1	-0.5	-0.4	4.6
4/29/2020 6:30 PM	-0.7	0	-0.5	-0.4	4.7
4/29/2020 6:36 PM	-0.7	0	-0.5	-0.4	4.8
4/29/2020 6:42 PM	-0.7	0.1	-0.5	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 6:48 PM	-0.7	0	-0.5	-0.4	4.8
4/29/2020 6:54 PM	-0.7	0	-0.5	-0.4	4.7
4/29/2020 7:00 PM	-0.7	0	-0.5	-0.4	4.7
4/29/2020 7:06 PM	-0.7	0	-0.5	-0.4	5
4/29/2020 7:12 PM	-0.7	0	-0.5	-0.4	5
4/29/2020 7:18 PM	-0.7	0	-0.5	-0.4	5
4/29/2020 7:24 PM	-0.7	0.1	-0.5	-0.4	5.1
4/29/2020 7:30 PM	-0.7	0.1	-0.6	-0.4	5
4/29/2020 7:36 PM	-0.7	0.1	-0.5	-0.4	4.8
4/29/2020 7:42 PM	-0.7	0.1	-0.5	-0.4	4.7
4/29/2020 7:48 PM	-0.7	0.1	-0.5	-0.4	4.8
4/29/2020 7:54 PM	-0.7	0	-0.6	-0.4	4.6
4/29/2020 8:00 PM	-0.7	0	-0.6	-0.4	4.5
4/29/2020 8:06 PM	-0.7	0	-0.6	-0.4	4.6
4/29/2020 8:12 PM	-0.7	0.1	-0.6	-0.4	4.6
4/29/2020 8:18 PM	-0.7	0	-0.6	-0.4	4.6
4/29/2020 8:24 PM	-0.7	0	-0.6	-0.4	4.6
4/29/2020 8:30 PM	-0.7	0.1	-0.6	-0.4	4.6
4/29/2020 8:36 PM	-0.7	0	-0.6	-0.4	4.8
4/29/2020 8:42 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 8:48 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 8:54 PM	-0.7	0.1	-0.6	-0.4	4.8
4/29/2020 9:00 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 9:06 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 9:12 PM	-0.7	0.1	-0.6	-0.4	4.8
4/29/2020 9:18 PM	-0.7	0	-0.6	-0.4	4.8
4/29/2020 9:24 PM	-0.7	0	-0.6	-0.4	4.9
4/29/2020 9:30 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 9:36 PM	-0.7	0.1	-0.6	-0.4	4.9
4/29/2020 9:42 PM	-0.7	0	-0.6	-0.4	4.8
4/29/2020 9:48 PM	-0.7	0	-0.6	-0.4	4.8
4/29/2020 9:54 PM	-0.7	0	-0.6	-0.4	4.8
4/29/2020 10:00 PM	-0.7	0	-0.7	-0.4	4.7
4/29/2020 10:06 PM	-0.7	0	-0.7	-0.4	4.8
4/29/2020 10:12 PM	-0.7	0.1	-0.7	-0.4	4.9
4/29/2020 10:18 PM	-0.7	0.2	-0.7	-0.4	5
4/29/2020 10:24 PM	-0.7	0.3	-0.7	-0.4	5
4/29/2020 10:30 PM	-0.7	0.3	-0.8	-0.4	5
4/29/2020 10:36 PM	-0.7	0.3	-0.8	-0.4	5.1
4/29/2020 10:42 PM	-0.7	0.3	-0.7	-0.4	5
4/29/2020 10:48 PM	-0.7	0.4	-0.8	-0.4	4.9
4/29/2020 10:54 PM	-0.7	0.4	-0.7	-0.4	4.8
4/29/2020 11:00 PM	-0.7	0.4	-0.7	-0.4	4.8
4/29/2020 11:06 PM	-0.7	0.4	-0.7	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/29/2020 11:12 PM	-0.7	0.4	-0.7	-0.4	4.9
4/29/2020 11:18 PM	-0.7	0.4	-0.7	-0.4	4.8
4/29/2020 11:24 PM	-0.7	0.4	-0.7	-0.5	4.9
4/29/2020 11:30 PM	-0.7	0.4	-0.7	-0.4	5
4/29/2020 11:36 PM	-0.7	0.2	-0.7	-0.4	5
4/29/2020 11:42 PM	-0.7	0.1	-0.7	-0.4	5
4/29/2020 11:48 PM	-0.7	0.1	-0.7	-0.4	4.8
4/29/2020 11:54 PM	-0.7	0.1	-0.7	-0.4	4.8
4/30/2020 12:00 AM	-0.7	0.2	-0.8	-0.4	4.6
4/30/2020 12:06 AM	-0.7	0.2	-0.8	-0.4	4.6
4/30/2020 12:12 AM	-0.7	0.3	-0.8	-0.4	4.6
4/30/2020 12:18 AM	-0.7	0.4	-0.8	-0.4	4.4
4/30/2020 12:24 AM	-0.7	0.4	-0.8	-0.4	4.3
4/30/2020 12:30 AM	-0.7	0.2	-0.7	-0.4	4.4
4/30/2020 12:36 AM	-0.7	0.2	-0.7	-0.4	4.4
4/30/2020 12:42 AM	-0.7	0.2	-0.7	-0.4	4.4
4/30/2020 12:48 AM	-0.7	0.2	-0.7	-0.4	3.1
4/30/2020 12:54 AM	-0.7	0.3	-0.8	-0.4	1.7
4/30/2020 1:00 AM	-0.7	0.4	-0.8	-0.4	2.1
4/30/2020 1:06 AM	-0.7	0.5	-0.8	-0.4	2.2
4/30/2020 1:12 AM	-0.7	0.5	-0.9	-0.4	2.3
4/30/2020 1:18 AM	-0.7	0.6	-0.9	-0.4	2.3
4/30/2020 1:24 AM	-0.7	0.6	-0.9	-0.4	2.3
4/30/2020 1:30 AM	-0.7	0.6	-0.9	-0.4	2.4
4/30/2020 1:36 AM	-0.7	0.6	-0.8	-0.4	2.4
4/30/2020 1:42 AM	-0.7	0.6	-0.9	-0.4	2.3
4/30/2020 1:48 AM	-0.7	0.7	-0.9	-0.4	2.4
4/30/2020 1:54 AM	-0.7	0.7	-0.9	-0.4	2.4
4/30/2020 2:00 AM	-0.7	0.7	-0.9	-0.4	2.4
4/30/2020 2:06 AM	-0.7	0.7	-0.9	-0.4	2.4
4/30/2020 2:12 AM	-0.7	0.7	-0.9	-0.4	2.4
4/30/2020 2:18 AM	-0.7	0.7	-0.9	-0.4	2.5
4/30/2020 2:24 AM	-0.7	0.7	-0.8	-0.4	2.5
4/30/2020 2:30 AM	-0.7	0.6	-0.8	-0.4	2.5
4/30/2020 2:36 AM	-0.7	0.6	-0.8	-0.4	2.5
4/30/2020 2:42 AM	-0.7	0.6	-0.8	-0.4	2.5
4/30/2020 2:48 AM	-0.7	0.6	-0.8	-0.3	2.5
4/30/2020 2:54 AM	-0.7	0.6	-0.8	-0.3	2.5
4/30/2020 3:00 AM	-0.7	0.6	-0.8	-0.3	2.5
4/30/2020 3:06 AM	-0.7	0.7	-0.8	-0.3	2.5
4/30/2020 3:12 AM	-0.7	0.7	-0.8	-0.3	2.5
4/30/2020 3:18 AM	-0.7	0.7	-0.8	-0.3	2.5
4/30/2020 3:24 AM	-0.7	0.8	-0.8	-0.3	2.5
4/30/2020 3:30 AM	-0.7	0.8	-0.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/30/2020 3:36 AM	-0.7	0.8	-0.8	-0.3	3.7
4/30/2020 3:42 AM	-0.7	0.8	-0.9	-0.3	3.4
4/30/2020 3:48 AM	-0.7	0.8	-0.9	-0.3	3.4
4/30/2020 3:54 AM	-0.7	8.4	-0.9	-0.3	4.3
4/30/2020 4:00 AM	-0.7	10.3	-0.9	-0.3	5.2
4/30/2020 4:06 AM	-0.7	4.1	-0.9	-0.3	4.9
4/30/2020 4:12 AM	-0.7	3.7	-0.9	-0.3	4.7
4/30/2020 4:18 AM	-0.7	11	-0.9	-0.3	3.6
4/30/2020 4:24 AM	-0.7	13.1	-0.9	-0.3	1.9
4/30/2020 4:30 AM	-0.7	7.5	-0.9	-0.3	1.6
4/30/2020 4:36 AM	-0.7	6.1	-0.9	-0.3	1.7
4/30/2020 4:42 AM	-0.7	3.8	-0.9	-0.3	1.8
4/30/2020 4:48 AM	-0.7	3.5	-0.9	-0.3	1.8
4/30/2020 4:54 AM	-0.7	3.1	-0.9	-0.3	1.8
4/30/2020 5:00 AM	-0.7	2.2	-0.9	-0.3	1.8
4/30/2020 5:06 AM	-0.7	2.2	-0.9	-0.3	1.8
4/30/2020 5:12 AM	-0.7	2.7	-0.9	-0.3	1.8
4/30/2020 5:18 AM	-0.7	2.2	-0.9	-0.3	1.9
4/30/2020 5:24 AM	-0.7	1.6	-0.9	-0.3	1.9
4/30/2020 5:30 AM	-0.7	1.3	-0.9	-0.3	1.9
4/30/2020 5:36 AM	-0.7	1.2	-0.9	-0.3	1.9
4/30/2020 5:42 AM	-0.7	1.3	-0.9	-0.3	1.9
4/30/2020 5:48 AM	-0.7	1.3	-0.9	-0.3	1.9
4/30/2020 5:54 AM	-0.7	1.4	-0.9	-0.3	1.9
4/30/2020 6:00 AM	-0.7	1.6	-0.9	-0.3	2.8
4/30/2020 6:06 AM	-0.7	1.6	-0.9	-0.3	3.4
4/30/2020 6:12 AM	-0.7	1.5	-0.9	-0.3	2.9
4/30/2020 6:18 AM	-0.7	1.4	-0.9	-0.3	2.8
4/30/2020 6:24 AM	-0.7	1.2	-0.9	-0.3	2.8
4/30/2020 6:30 AM	-0.7	1	-0.9	-0.3	2.9
4/30/2020 6:36 AM	-0.7	0.9	-0.9	-0.3	2.9
4/30/2020 6:42 AM	-0.7	0.6	-0.9	-0.3	2.3
4/30/2020 6:48 AM	-0.7	0.1	-0.9	-0.3	1.7
4/30/2020 6:54 AM	-0.7	-0.1	-0.9	-0.3	1.8
4/30/2020 7:00 AM	-0.7	-0.1	-0.9	-0.3	1.8
4/30/2020 7:06 AM	-0.7	-0.1	-0.9	-0.3	1.8
4/30/2020 7:12 AM	-0.6	0	-0.9	-0.2	1.8
4/30/2020 7:18 AM	-0.6	-0.1	-0.9	-0.2	1.8
4/30/2020 7:24 AM	-0.6	0	-0.9	-0.2	1.9
4/30/2020 7:30 AM	-0.6	0	-0.9	-0.2	2
4/30/2020 7:36 AM	-0.6	0.1	-0.9	-0.2	2.1
4/30/2020 7:42 AM	-0.6	0.1	-0.9	-0.2	2.1
4/30/2020 7:48 AM	-0.6	0.1	-0.9	-0.2	2.1
4/30/2020 7:54 AM	-0.6	0.2	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/30/2020 8:00 AM	-0.6	0.2	-0.9	-0.2	2.2
4/30/2020 8:06 AM	-0.6	0.7	-0.9	-0.2	4.5
4/30/2020 8:12 AM	-0.6	1.3	-0.9	-0.2	7.1
4/30/2020 8:18 AM	-0.6	1.2	-0.9	-0.2	6.9
4/30/2020 8:24 AM	-0.6	1	-0.9	-0.2	6.7
4/30/2020 8:30 AM	-0.5	1.1	-0.9	-0.2	6.4
4/30/2020 8:36 AM	-0.5	1.2	6.3	-0.2	6
4/30/2020 8:42 AM	-0.5	1.2	18.3	6.3	5.6
4/30/2020 8:48 AM	-0.5	1.1	16.4	16.7	5.6
4/30/2020 8:54 AM	-0.5	0.8	15.8	8.9	5.8
4/30/2020 9:00 AM	-0.5	0.7	11.5	0.7	5.8
4/30/2020 9:06 AM	-0.5	0.7	9.4	-0.2	5.8
4/30/2020 9:12 AM	-0.5	0.7	8.5	-0.3	5.7
4/30/2020 9:18 AM	-0.5	0.7	7.6	-0.3	5.9
4/30/2020 9:24 AM	-0.5	0.7	7.4	-0.3	5.8
4/30/2020 9:30 AM	-0.5	0.7	6.2	-0.3	5.6
4/30/2020 9:36 AM	-0.5	0.7	5.3	-0.3	5.5
4/30/2020 9:42 AM	-0.5	0.7	5.5	-0.3	5.4
4/30/2020 9:48 AM	-0.5	0.7	5.7	-0.3	5.4
4/30/2020 9:54 AM	-0.5	0.7	6.1	-0.3	5.3
4/30/2020 10:00 AM	-0.5	0.7	6.3	-0.3	5
4/30/2020 10:06 AM	-0.5	0.7	6.5	-0.2	5.1
4/30/2020 10:12 AM	-0.4	0.7	7	-0.2	4.9
4/30/2020 10:18 AM	-0.4	0.7	7.1	-0.2	5.1
4/30/2020 10:24 AM	-0.4	0.6	7	-0.2	5.2
4/30/2020 10:30 AM	-0.4	0.6	7.2	-0.2	4.9
4/30/2020 10:36 AM	-0.4	0.6	7.2	-0.2	5
4/30/2020 10:42 AM	-0.4	0.6	7.3	-0.2	5
4/30/2020 10:48 AM	-0.4	0.6	7.6	-0.2	5
4/30/2020 10:54 AM	-0.4	0.7	7.8	-0.2	5.3
4/30/2020 11:00 AM	-0.4	0.7	7.9	-0.2	5.4
4/30/2020 11:06 AM	-0.5	0.6	8	-0.2	5.6
4/30/2020 11:12 AM	-0.5	0.7	7.6	-0.2	5.7
4/30/2020 11:18 AM	-0.5	0.7	7.3	-0.2	5.8
4/30/2020 11:24 AM	-0.5	0.7	7.4	-0.2	5.7
4/30/2020 11:30 AM	-0.5	0.7	7.4	-0.3	5.4
4/30/2020 11:36 AM	-0.5	0.7	7.3	-0.3	5.2
4/30/2020 11:42 AM	-0.5	0.7	6.3	-0.3	5
4/30/2020 11:48 AM	-0.5	0.8	3.8	-0.3	5.1
4/30/2020 11:54 AM	-0.5	0.7	2.6	-0.3	5
4/30/2020 12:00 PM	-1	Calib	Calib	Calib	Calib
4/30/2020 12:06 PM	-3B	Calib	Calib	Calib	Calib
4/30/2020 12:12 PM	-3B	-0.6	2.1	-0.5	1.5
4/30/2020 12:18 PM	-3B	-0.5	2.1	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/30/2020 12:24 PM	-3B	-0.5	2.1	-0.5	1.7
4/30/2020 12:30 PM	-3B	-0.5	2	-0.5	1.8
4/30/2020 12:36 PM	-3B	-0.4	1.4	-0.5	1.8
4/30/2020 12:42 PM	-3B	-0.4	0.3	-0.5	1.9
4/30/2020 12:48 PM	-3B	-0.5	-0.1	-0.5	1.9
4/30/2020 12:54 PM	-3B	-0.5	-0.2	-0.5	1.9
4/30/2020 1:00 PM	-3B	-0.5	-0.2	-0.5	1.9
4/30/2020 1:06 PM	-3B	-0.5	-0.2	-0.5	1.9
4/30/2020 1:12 PM	-3B	-0.5	-0.3	-0.5	1.9
4/30/2020 1:18 PM	-3B	-0.6	-0.3	-0.6	1.9
4/30/2020 1:24 PM	-3B	-0.6	-0.4	-0.5	2
4/30/2020 1:30 PM	-3B	-0.6	-0.4	-0.5	1.9
4/30/2020 1:36 PM	-3B	-0.6	-0.4	-0.5	2
4/30/2020 1:42 PM	-3B	-0.6	-0.4	-0.5	2
4/30/2020 1:48 PM	-3B	-0.7	-0.5	-0.5	2
4/30/2020 1:54 PM	-3B	-0.6	-0.5	-0.5	2
4/30/2020 2:00 PM	-3B	-0.7	-0.5	-0.5	2
4/30/2020 2:06 PM	-3B	-0.6	-0.5	-0.5	2
4/30/2020 2:12 PM	-3B	-0.6	-0.6	-0.5	2
4/30/2020 2:18 PM	-3B	-0.6	-0.6	-0.5	2
4/30/2020 2:24 PM	-3B	-0.6	-0.6	-0.5	2
4/30/2020 2:30 PM	-3B	-0.6	-0.6	-0.5	2
4/30/2020 2:36 PM	-3B	-0.5	-0.6	-0.5	2.1
4/30/2020 2:42 PM	-3B	-0.5	-0.6	-0.5	2.1
4/30/2020 2:48 PM	-3B	-0.6	-0.6	-0.5	2.1
4/30/2020 2:54 PM	-3B	-0.6	-0.7	-0.5	2.1
4/30/2020 3:00 PM	-3B	-0.6	-0.6	-0.5	2.1
4/30/2020 3:06 PM	-3B	-0.6	-0.7	-0.5	2.2
4/30/2020 3:12 PM	-3B	-0.6	-0.7	-0.5	2.2
4/30/2020 3:18 PM	-3B	-0.5	-0.6	-0.5	2.1
4/30/2020 3:24 PM	-3B	-0.4	-0.7	-0.5	2.1
4/30/2020 3:30 PM	-3B	-0.4	-0.7	-0.5	2.1
4/30/2020 3:36 PM	-3B	-0.5	-0.7	-0.5	2.1
4/30/2020 3:42 PM	-3B	-0.5	-0.7	-0.5	2
4/30/2020 3:48 PM	-3B	-0.6	-0.7	-0.5	2
4/30/2020 3:54 PM	-3B	-0.6	-0.7	-0.5	1.9
4/30/2020 4:00 PM	-3B	-0.5	-0.7	-0.5	1.8
4/30/2020 4:06 PM	-3B	-0.6	-0.7	-0.5	1.9
4/30/2020 4:12 PM	-3B	-0.6	-0.7	-0.5	1.9
4/30/2020 4:18 PM	-3B	-0.6	-0.7	-0.5	1.9
4/30/2020 4:24 PM	-3B	-0.5	-0.8	-0.5	1.9
4/30/2020 4:30 PM	-3B	-0.5	-0.8	-0.5	2
4/30/2020 4:36 PM	-3B	-0.5	-0.8	-0.5	2
4/30/2020 4:42 PM	-3B	-0.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/30/2020 4:48 PM	-3B	-0.5	-0.8	-0.5	2
4/30/2020 4:54 PM	-3B	-0.5	-0.8	-0.5	2
4/30/2020 5:00 PM	-3B	-0.5	-0.8	-0.5	2
4/30/2020 5:06 PM	-3B	-0.5	4.8	-0.5	1.9
4/30/2020 5:12 PM	-3B	-0.5	2.6	-0.5	2
4/30/2020 5:18 PM	-3B	-0.5	-0.6	-0.5	2
4/30/2020 5:24 PM	-3B	-0.5	-0.8	-0.5	2.1
4/30/2020 5:30 PM	-3B	-0.5	-0.8	-0.5	2.1
4/30/2020 5:36 PM	-3B	-0.5	-0.8	-0.5	2.1
4/30/2020 5:42 PM	-3B	-0.5	-0.8	-0.5	2.1
4/30/2020 5:48 PM	-3B	-0.5	-0.9	-0.5	2.1
4/30/2020 5:54 PM	-3B	-0.4	-0.8	-0.5	2
4/30/2020 6:00 PM	-3B	-0.4	-0.8	-0.5	2
4/30/2020 6:06 PM	-3B	-0.5	-0.9	-0.5	2
4/30/2020 6:12 PM	-3B	-0.5	-0.9	-0.5	2
4/30/2020 6:18 PM	-3B	-0.5	-0.9	-0.5	2
4/30/2020 6:24 PM	-3B	-0.4	-0.9	-0.5	2
4/30/2020 6:30 PM	-3B	-0.4	-0.9	-0.5	2
4/30/2020 6:36 PM	-3B	-0.5	-0.9	-0.5	2
4/30/2020 6:42 PM	-3B	-0.5	-0.9	-0.5	1.9
4/30/2020 6:48 PM	-3B	-0.5	-0.9	-0.5	1.9
4/30/2020 6:54 PM	-3B	-0.5	-0.9	-0.5	1.9
4/30/2020 7:00 PM	-3B	-0.5	-0.9	-0.5	1.9
4/30/2020 7:06 PM	-3B	-0.5	-0.9	-0.5	1.9
4/30/2020 7:12 PM	-3B	-0.6	-1	-0.5	1.9
4/30/2020 7:18 PM	-3B	-0.6	-1	-0.5	1.9
4/30/2020 7:24 PM	-3B	-0.6	-1	-0.5	1.9
4/30/2020 7:30 PM	-3B	-0.6	-1	-0.5	1.9
4/30/2020 7:36 PM	-3B	-0.6	-1	-0.4	1.9
4/30/2020 7:42 PM	-3B	-0.6	-1	-0.4	1.9
4/30/2020 7:48 PM	-3B	-0.6	-1	-0.4	2
4/30/2020 7:54 PM	-3B	-0.5	-1	-0.4	2.2
4/30/2020 8:00 PM	-3B	-0.4	4.5	-0.4	2.4
4/30/2020 8:06 PM	-3B	-0.6	1.6	-0.4	2.3
4/30/2020 8:12 PM	-3B	-0.6	-0.7	11.6	2.3
4/30/2020 8:18 PM	-3B	-0.6	-0.9	13.3	2.2
4/30/2020 8:24 PM	-3B	-0.7	-0.9	1.4	2.2
4/30/2020 8:30 PM	-3B	-0.6	-0.9	0	2.4
4/30/2020 8:36 PM	-3B	-0.4	-0.9	-0.3	2.7
4/30/2020 8:42 PM	-3B	0.2	-0.9	-0.3	3.7
4/30/2020 8:48 PM	-3B	1	-0.9	-0.4	5.6
4/30/2020 8:54 PM	-3B	0.9	13.3	-0.4	6.5
4/30/2020 9:00 PM	-3B	0.6	17.1	-0.3	6.7
4/30/2020 9:06 PM	-3B	0.5	3.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
4/30/2020 9:12 PM	-3B	0.4	3.6	-0.4	6
4/30/2020 9:18 PM	-3B	0.3	3.7	14.2	5.7
4/30/2020 9:24 PM	-3B	0.2	2.9	21.7	5.6
4/30/2020 9:30 PM	-3B	0.2	2.7	14.4	5.4
4/30/2020 9:36 PM	-3B	0.2	2.2	13.1	5.3
4/30/2020 9:42 PM	-3B	0.1	2.1	13.3	5.5
4/30/2020 9:48 PM	-3B	0.1	2.2	14.2	5.6
4/30/2020 9:54 PM	-3B	0.1	2.4	13.1	5.7
4/30/2020 10:00 PM	-3.1B	0.1	2.5	10.7	5.6
4/30/2020 10:06 PM	-3.1B	0.1	2.7	9.1	5.3
4/30/2020 10:12 PM	-3.1B	0.1	2.9	8	5.1
4/30/2020 10:18 PM	-3.1B	0.1	2.9	6	4.7
4/30/2020 10:24 PM	-3.1B	0.1	3	4.4	2.9
4/30/2020 10:30 PM	-3.1B	0.1	3	4.2	1.7
4/30/2020 10:36 PM	-3.1B	-0.1	2.9	4	1.6
4/30/2020 10:42 PM	-3.1B	-0.5	2.6	4.1	1.5
4/30/2020 10:48 PM	-3.1B	-0.7	2.3	4	1.6
4/30/2020 10:54 PM	-3.1B	-0.7	2.1	3.8	1.6
4/30/2020 11:00 PM	-3.1B	-0.7	2	3.6	1.6
4/30/2020 11:06 PM	-3.1B	-0.6	1.9	3.1	1.6
4/30/2020 11:12 PM	-3.1B	-0.6	1.7	3.3	1.5
4/30/2020 11:18 PM	-3.1B	-0.6	1.7	3.5	1.4
4/30/2020 11:24 PM	-3.1B	-0.6	1.6	2.2	1.6
4/30/2020 11:30 PM	-3.1B	-0.6	1.5	0	1.8
4/30/2020 11:36 PM	-3.1B	-0.7	1.5	-0.7	1.9
4/30/2020 11:42 PM	-3.1B	-0.7	1.5	-0.6	1.8
4/30/2020 11:48 PM	-3.1B	-0.8	1.5	-0.6	1.9
4/30/2020 11:54 PM	-3.1B	-0.8	1.5	-0.6	1.9
5/1/2020 12:00 AM	-3.1B	-0.8	1.5	-0.6	1.9
5/1/2020 12:06 AM	-3.1B	-0.8	1.5	-0.7	1.9
5/1/2020 12:12 AM	-3.1B	-0.8	1.4	-0.6	1.9
5/1/2020 12:18 AM	-3.1B	-0.8	1.4	-0.6	1.8
5/1/2020 12:24 AM	-3.1B	-0.8	1.3	-0.6	1.9
5/1/2020 12:30 AM	-3B	-0.8	1.4	-0.6	1.9
5/1/2020 12:36 AM	-3B	-0.8	1.4	-0.6	1.8
5/1/2020 12:42 AM	-3B	-0.8	1.3	-0.6	1.8
5/1/2020 12:48 AM	-3B	-0.8	1.3	-0.6	1.8
5/1/2020 12:54 AM	-3B	-0.8	1.4	-0.6	1.8
5/1/2020 1:00 AM	-3B	-0.8	1.5	-0.6	1.7
5/1/2020 1:06 AM	-3B	-0.7	1.6	-0.6	0.6
5/1/2020 1:12 AM	-3B	-0.7	1.6	-0.6	-0.1
5/1/2020 1:18 AM	-3B	-0.6	1.7	-0.6	-0.1
5/1/2020 1:24 AM	-3B	-0.6	1.8	-0.6	-0.1
5/1/2020 1:30 AM	-3B	-0.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 1:36 AM	-3B	-0.7	2.1	-0.6	-0.1
5/1/2020 1:42 AM	-3B	-0.7	2.3	-0.5	-0.1
5/1/2020 1:48 AM	-3B	-0.6	2.2	-0.5	-0.1
5/1/2020 1:54 AM	-3B	-0.6	2.1	-0.6	-0.1
5/1/2020 2:00 AM	-3B	-0.6	1.9	-0.6	-0.1
5/1/2020 2:06 AM	-3.1B	-0.7	1.9	-0.6	-0.1
5/1/2020 2:12 AM	-3.1B	-0.7	1.9	-0.6	-0.1
5/1/2020 2:18 AM	-3.1B	-0.7	1.9	-0.6	-0.1
5/1/2020 2:24 AM	-3.1B	-0.7	2	-0.6	-0.1
5/1/2020 2:30 AM	-3.1B	-0.7	2	-0.6	-0.1
5/1/2020 2:36 AM	-3.1B	-0.7	2.1	-0.6	-0.1
5/1/2020 2:42 AM	-3B	-0.7	2.1	-0.6	-0.1
5/1/2020 2:48 AM	-3B	-0.7	2.1	-0.6	-0.1
5/1/2020 2:54 AM	-3B	-0.7	2.1	-0.6	-0.1
5/1/2020 3:00 AM	-3B	-0.7	2.2	-0.6	-0.1
5/1/2020 3:06 AM	-3B	-0.7	2.2	-0.6	-0.1
5/1/2020 3:12 AM	-3B	-0.7	2.2	-0.6	-0.1
5/1/2020 3:18 AM	-3B	-0.7	2.1	-0.6	-0.1
5/1/2020 3:24 AM	-3B	-0.7	2.2	-0.6	-0.1
5/1/2020 3:30 AM	-3B	-0.7	2.2	-0.6	-0.1
5/1/2020 3:36 AM	-3B	-0.8	2.5	-0.6	-0.1
5/1/2020 3:42 AM	-3B	-0.7	2.7	-0.6	-0.1
5/1/2020 3:48 AM	-3B	-0.8	2.4	-0.6	-0.1
5/1/2020 3:54 AM	-3B	-0.8	2.2	-0.6	-0.1
5/1/2020 4:00 AM	-3B	-1	2.3	-0.6	-0.1
5/1/2020 4:06 AM	-3B	-1.2	2.2	-0.6	-0.1
5/1/2020 4:12 AM	-3B	-1.3	2.1	-0.6	-0.1
5/1/2020 4:18 AM	-3B	-1.4	2.1	-0.6	-0.2
5/1/2020 4:24 AM	-3B	-1.4	2.1	-0.6	-0.1
5/1/2020 4:30 AM	-3B	-1.4	2	-0.6	-0.1
5/1/2020 4:36 AM	-3B	-1.4	2.1	-0.6	-0.1
5/1/2020 4:42 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 4:48 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 4:54 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 5:00 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 5:06 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 5:12 AM	-3B	-1.5	2.3	-0.6	-0.1
5/1/2020 5:18 AM	-3B	-1.5	2.3	-0.6	-0.1
5/1/2020 5:24 AM	-3B	-1.5	2.3	-0.6	-0.1
5/1/2020 5:30 AM	-3B	-1.4	2.3	-0.6	-0.1
5/1/2020 5:36 AM	-3B	-1.5	2.3	-0.6	-0.1
5/1/2020 5:42 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 5:48 AM	-3B	-1.5	2.3	-0.6	-0.1
5/1/2020 5:54 AM	-3B	-1.5	2.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 6:00 AM	-3B	-1.5	2.3	-0.6	-0.2
5/1/2020 6:06 AM	-3B	-1.5	2.3	-0.6	-0.2
5/1/2020 6:12 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 6:18 AM	-3B	-1.5	2.1	-0.6	-0.1
5/1/2020 6:24 AM	-3B	-1.5	2.2	-0.6	-0.1
5/1/2020 6:30 AM	-3B	-1.5	2.5	-0.6	-0.1
5/1/2020 6:36 AM	-3B	0.3	2.6	-0.6	-0.1
5/1/2020 6:42 AM	-3B	6.8	1.7	-0.6	-0.1
5/1/2020 6:48 AM	-3B	5.6	2.2	-0.6	-0.1
5/1/2020 6:54 AM	-3B	0.1	6.1	-0.6	-0.1
5/1/2020 7:00 AM	-3B	-1.3	6	-0.6	-0.1
5/1/2020 7:06 AM	-3B	-1.4	4.1	-0.6	-0.1
5/1/2020 7:12 AM	-3B	-1.5	3.8	-0.6	-0.1
5/1/2020 7:18 AM	-3B	-1.5	3	-0.6	-0.2
5/1/2020 7:24 AM	-3B	-1.5	2.2	-0.6	-0.2
5/1/2020 7:30 AM	-3B	-1.5	2	-0.6	-0.1
5/1/2020 7:36 AM	-3B	-1.5	2.1	-0.6	-0.1
5/1/2020 7:42 AM	-3B	-1.5	2.1	-0.6	-0.1
5/1/2020 7:48 AM	-3.1B	-1.5	2.2	-0.6	-0.1
5/1/2020 7:54 AM	-3.1B	-1.5	2.3	-0.6	-0.1
5/1/2020 8:00 AM	-3.1B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:06 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:12 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:18 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:24 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:30 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:36 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:42 AM	-3B	-1.5	2.4	-0.6	-0.1
5/1/2020 8:48 AM	-3B	-1.4	2.4	-0.6	-0.1
5/1/2020 8:54 AM	-3B	-1.4	2.4	-0.6	-0.1
5/1/2020 9:00 AM	-3B	-1.4	2.4	-0.6	-0.1
5/1/2020 9:06 AM	-3B	4.7	2.5	-0.6	-0.1
5/1/2020 9:12 AM	-3B	7.8	2.7	-0.6	-0.1
5/1/2020 9:18 AM	-3B	2.2	2.7	-0.6	-0.1
5/1/2020 9:24 AM	-3B	0.8	2.4	-0.6	-0.1
5/1/2020 9:30 AM	-3B	0.1	2	-0.6	-0.1
5/1/2020 9:36 AM	-3B	-0.1	1.7	-0.6	-0.1
5/1/2020 9:42 AM	-3B	-0.2	1.7	-0.6	-0.1
5/1/2020 9:48 AM	-3B	-0.2	1.7	-0.6	-0.1
5/1/2020 9:54 AM	-3B	0	1.9	-0.6	-0.1
5/1/2020 10:00 AM	-3B	0.1	2.1	-0.6	-0.1
5/1/2020 10:06 AM	-3B	-0.1	2.3	-0.6	-0.1
5/1/2020 10:12 AM	-3B	0.7	2.4	-0.6	-0.1
5/1/2020 10:18 AM	-3B	1.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 10:24 AM	-3B	1.1	2.6	-0.6	-0.1
5/1/2020 10:30 AM	-3B	0.9	2.7	-0.6	-0.1
5/1/2020 10:36 AM	-3B	0.7	2.8	-0.6	-0.1
5/1/2020 10:42 AM	-3B	0.6	2.9	-0.6	-0.1
5/1/2020 10:48 AM	-3B	0.4	2.9	-0.6	-0.1
5/1/2020 10:54 AM	-3B	0.3	3	-0.6	-0.1
5/1/2020 11:00 AM	-3B	0.3	3.1	-0.6	-0.1
5/1/2020 11:06 AM	-3B	0.5	3.3	-0.6	-0.1
5/1/2020 11:12 AM	-3B	0.8	3.5	-0.7	-0.1
5/1/2020 11:18 AM	-3B	0.7	3.5	-0.7	-0.1
5/1/2020 11:24 AM	-3B	0.6	3.6	-0.7	-0.1
5/1/2020 11:30 AM	-3B	0.6	3.8	-0.7	-0.1
5/1/2020 11:36 AM	-3B	0.5	3.9	-0.7	-0.1
5/1/2020 11:42 AM	-3B	0.7	4	-0.7	-0.1
5/1/2020 11:48 AM	-2.9B	0.8	4.1	-0.7	-0.1
5/1/2020 11:54 AM	-2.9B	0.7	4.3	-0.7	-0.1
5/1/2020 12:00 PM	-2.6B	Calib	Calib	Calib	Calib
5/1/2020 12:06 PM	-1.4	Calib	Calib	Calib	Calib
5/1/2020 12:12 PM	-1.4	0.9	4.7	-0.6	-0.1
5/1/2020 12:18 PM	-1.4	0.9	5.1	-0.6	-0.1
5/1/2020 12:24 PM	-1.4	0.8	5.3	-0.6	-0.1
5/1/2020 12:30 PM	-1.4	0.3	5	-0.6	-0.1
5/1/2020 12:36 PM	-1.4	-0.1	4.2	-0.6	-0.1
5/1/2020 12:42 PM	-1.4	-0.2	3.7	-0.7	-0.1
5/1/2020 12:48 PM	-1.4	-0.2	3.4	-0.7	-0.1
5/1/2020 12:54 PM	-1.4	-0.2	3.3	-0.7	-0.1
5/1/2020 1:00 PM	-1.4	-0.1	3.2	-0.7	-0.1
5/1/2020 1:06 PM	-1.4	0	3.1	-0.6	-0.1
5/1/2020 1:12 PM	-1.4	0	2.8	-0.6	-0.1
5/1/2020 1:18 PM	-1.3	0	2.5	-0.6	-0.1
5/1/2020 1:24 PM	-1.3	0	2.1	-0.7	-0.1
5/1/2020 1:30 PM	-1.3	-0.1	1.8	-0.7	-0.1
5/1/2020 1:36 PM	-1.3	-0.1	1.5	-0.7	-0.1
5/1/2020 1:42 PM	-1.3	-0.1	4.2	-0.7	-0.1
5/1/2020 1:48 PM	-1.3	-0.2	5.9	-0.6	-0.1
5/1/2020 1:54 PM	-1.3	-0.3	4.2	-0.6	-0.1
5/1/2020 2:00 PM	-1.3	-0.3	3.8	-0.6	-0.1
5/1/2020 2:06 PM	-1.3	-0.3	3.8	-0.7	-0.1
5/1/2020 2:12 PM	-1.3	-0.3	3.9	-0.7	-0.1
5/1/2020 2:18 PM	-1.3	-0.3	3.7	-0.7	-0.1
5/1/2020 2:24 PM	-1.3	-0.4	3.5	-0.7	-0.1
5/1/2020 2:30 PM	-1.3	-0.3	3.5	4.9	-0.1
5/1/2020 2:36 PM	-1.3	-0.3	3.5	8.9	-0.1
5/1/2020 2:42 PM	-1.3	-0.3	3.4	2.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 2:48 PM	-1.3	-0.2	2.5	0	-0.1
5/1/2020 2:54 PM	-1.3	-0.2	1.9	-0.4	-0.1
5/1/2020 3:00 PM	-1.3	-0.2	1.8	-0.6	-0.1
5/1/2020 3:06 PM	-1.3	-0.2	1.7	-0.7	-0.1
5/1/2020 3:12 PM	-1.3	-0.2	1.8	-0.7	0
5/1/2020 3:18 PM	-1.3	-0.2	1.8	-0.7	-0.1
5/1/2020 3:24 PM	-1.3	-0.2	1.8	-0.7	-0.1
5/1/2020 3:30 PM	-1.3	-0.2	1.8	-0.7	-0.1
5/1/2020 3:36 PM	-1.3	-0.2	1.7	-0.7	-0.1
5/1/2020 3:42 PM	-1.3	-0.2	1.7	-0.6	-0.1
5/1/2020 3:48 PM	-1.3	-0.2	1.8	-0.6	-0.1
5/1/2020 3:54 PM	-1.3	-0.4	1.7	-0.6	-0.1
5/1/2020 4:00 PM	-1.3	-0.4	1.7	-0.7	-0.1
5/1/2020 4:06 PM	-1.3	-0.4	1.7	-0.7	-0.1
5/1/2020 4:12 PM	-1.3	-0.3	1.7	-0.6	-0.1
5/1/2020 4:18 PM	-1.3	-0.2	1.7	-0.6	-0.1
5/1/2020 4:24 PM	-1.4	-0.2	1.7	-0.6	-0.1
5/1/2020 4:30 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 4:36 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 4:42 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 4:48 PM	-1.4	-0.2	1.7	-0.6	-0.1
5/1/2020 4:54 PM	-1.4	-0.2	1.8	-0.6	-0.1
5/1/2020 5:00 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 5:06 PM	-1.4	-0.2	1.7	-0.6	-0.1
5/1/2020 5:12 PM	-1.4	-0.2	1.7	-0.6	-0.1
5/1/2020 5:18 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 5:24 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 5:30 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 5:36 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 5:42 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 5:48 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 5:54 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:00 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:06 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:12 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:18 PM	-1.4	-0.3	1.7	-0.6	-0.1
5/1/2020 6:24 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:30 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:36 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:42 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 6:48 PM	-1.4	-0.3	1.8	-0.5	-0.1
5/1/2020 6:54 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 7:00 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 7:06 PM	-1.4	-0.3	1.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 7:12 PM	-1.4	-0.4	1.9	-0.6	-0.1
5/1/2020 7:18 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 7:24 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 7:30 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 7:36 PM	-1.4	-0.3	1.9	-0.6	-0.1
5/1/2020 7:42 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 7:48 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 7:54 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 8:00 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 8:06 PM	-1.4	-0.3	1.8	-0.6	-0.1
5/1/2020 8:12 PM	-1.4	-0.4	1.8	-0.6	-0.1
5/1/2020 8:18 PM	-1.4	-0.4	1.7	-0.6	-0.1
5/1/2020 8:24 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 8:30 PM	-1.4	-0.5	1.7	-0.5	-0.1
5/1/2020 8:36 PM	-1.4	-0.5	1.7	-0.5	-0.1
5/1/2020 8:42 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 8:48 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 8:54 PM	-1.4	-0.4	1.6	-0.5	-0.1
5/1/2020 9:00 PM	-1.4	-0.4	1.6	-0.5	-0.1
5/1/2020 9:06 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 9:12 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 9:18 PM	-1.4	-0.4	1.6	-0.5	-0.1
5/1/2020 9:24 PM	-1.4	-0.5	1.7	-0.5	-0.1
5/1/2020 9:30 PM	-1.4	-0.5	1.7	-0.5	-0.1
5/1/2020 9:36 PM	-1.4	-0.4	1.6	-0.5	-0.1
5/1/2020 9:42 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 9:48 PM	-1.4	-0.4	1.7	-0.5	-0.1
5/1/2020 9:54 PM	-1.5	-0.4	1.9	-0.5	-0.1
5/1/2020 10:00 PM	-1.5	-0.4	2	-0.5	-0.1
5/1/2020 10:06 PM	-1.5	-0.4	2	-0.5	-0.1
5/1/2020 10:12 PM	-1.5	-0.4	2	-0.5	-0.1
5/1/2020 10:18 PM	-1.5	-0.4	1.9	-0.5	-0.1
5/1/2020 10:24 PM	-1.5	-0.4	1.9	-0.5	-0.1
5/1/2020 10:30 PM	-1.5	-0.4	1.8	-0.5	-0.1
5/1/2020 10:36 PM	-1.5	-0.5	1.8	-0.5	-0.1
5/1/2020 10:42 PM	-1.5	-0.9	2.1	-0.5	-0.1
5/1/2020 10:48 PM	-1.5	-0.9	2.5	-0.5	-0.1
5/1/2020 10:54 PM	-1.5	-0.8	2.7	-0.5	-0.1
5/1/2020 11:00 PM	-1.5	-1	2.7	-0.5	-0.1
5/1/2020 11:06 PM	-1.5	-1.1	2.7	-0.5	-0.1
5/1/2020 11:12 PM	-1.5	-1.1	2.6	-0.5	-0.1
5/1/2020 11:18 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/1/2020 11:24 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/1/2020 11:30 PM	-1.5	-1.1	2.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/1/2020 11:36 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/1/2020 11:42 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/1/2020 11:48 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/1/2020 11:54 PM	-1.5	-1.2	2.6	-0.5	-0.1
5/2/2020 12:00 AM	-1.5	-1.2	2.6	-0.5	-0.1
5/2/2020 12:06 AM	-1.5	-1.2	2.7	-0.5	-0.1
5/2/2020 12:12 AM	-1.6	-1.2	2.7	-0.5	-0.1
5/2/2020 12:18 AM	-1.6	-1.2	2.7	-0.5	-0.1
5/2/2020 12:24 AM	-1.6	-1.2	2.7	-0.5	-0.1
5/2/2020 12:30 AM	-1.6	-1.2	2.7	-0.5	-0.1
5/2/2020 12:36 AM	-1.6	-1.2	2.6	-0.5	-0.1
5/2/2020 12:42 AM	-1.6	-1.2	2.6	-0.4	-0.1
5/2/2020 12:48 AM	-1.6	-1.2	2.6	-0.4	-0.1
5/2/2020 12:54 AM	-1.6	-1.2	2.6	-0.4	-0.1
5/2/2020 1:00 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:06 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:12 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:18 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:24 AM	-1.6	-1.1	2.7	-0.4	-0.1
5/2/2020 1:30 AM	-1.6	-1.2	2.8	-0.4	-0.1
5/2/2020 1:36 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:42 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:48 AM	-1.6	-1.2	2.7	-0.4	-0.1
5/2/2020 1:54 AM	-1.7	-1.2	2.7	-0.4	-0.1
5/2/2020 2:00 AM	-1.7	-1.2	2.7	-0.4	-0.1
5/2/2020 2:06 AM	-1.7	-1.2	2.7	-0.4	-0.1
5/2/2020 2:12 AM	-1.7	-1.1	2.6	-0.4	-0.1
5/2/2020 2:18 AM	-1.7	-1.1	2.6	-0.4	-0.1
5/2/2020 2:24 AM	-1.7	-1.2	2.7	-0.4	-0.1
5/2/2020 2:30 AM	-1.7	-1.2	2.7	-0.4	-0.1
5/2/2020 2:36 AM	-1.7	-1.2	2.8	-0.4	-0.1
5/2/2020 2:42 AM	-1.7	-1.2	2.8	-0.4	-0.1
5/2/2020 2:48 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 2:54 AM	-1.7	-1.1	2.9	-0.4	-0.1
5/2/2020 3:00 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:06 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:12 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:18 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:24 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:30 AM	-1.7	-1.2	2.9	-0.4	-0.1
5/2/2020 3:36 AM	-1.7	-1.2	3	-0.4	-0.1
5/2/2020 3:42 AM	-1.7	-1.2	3.1	-0.4	-0.1
5/2/2020 3:48 AM	-1.7	-1.2	3	-0.4	-0.1
5/2/2020 3:54 AM	-1.7	-1.1	2.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/2/2020 4:00 AM	-1.7	-1.1	2.4	-0.4	-0.1
5/2/2020 4:06 AM	-1.7	-1.1	2.3	-0.4	-0.1
5/2/2020 4:12 AM	-1.7	-1.1	2.2	-0.4	-0.1
5/2/2020 4:18 AM	-1.7	-1.1	2.1	-0.4	-0.1
5/2/2020 4:24 AM	-1.7	-1.1	2	-0.4	-0.1
5/2/2020 4:30 AM	-1.7	-1.1	2	-0.4	-0.1
5/2/2020 4:36 AM	-1.7	-1.1	2	-0.4	-0.1
5/2/2020 4:42 AM	-1.7	-1.1	2	-0.4	-0.1
5/2/2020 4:48 AM	-1.7	-1.1	1.9	-0.4	-0.1
5/2/2020 4:54 AM	-1.7	-1.1	1.9	-0.4	-0.1
5/2/2020 5:00 AM	-1.7	-1.1	1.9	-0.4	-0.1
5/2/2020 5:06 AM	-1.7	-1.1	1.9	-0.4	-0.1
5/2/2020 5:12 AM	-1.7	-1.1	1.8	-0.4	-0.1
5/2/2020 5:18 AM	-1.7	-1.1	1.7	-0.4	-0.1
5/2/2020 5:24 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 5:30 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 5:36 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 5:42 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 5:48 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 5:54 AM	-1.7	-1.1	1.6	-0.4	-0.1
5/2/2020 6:00 AM	-1.7	-1.2	1.6	-0.4	-0.1
5/2/2020 6:06 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:12 AM	-1.7	-1.1	1.6	-0.5	-0.1
5/2/2020 6:18 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:24 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:30 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:36 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:42 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:48 AM	-1.7	-1.2	1.6	-0.5	-0.1
5/2/2020 6:54 AM	-1.6	-1.2	1.7	-0.5	-0.1
5/2/2020 7:00 AM	-1.6	-1.2	1.6	-0.5	-0.1
5/2/2020 7:06 AM	-1.6	-1.2	1.6	-0.5	-0.1
5/2/2020 7:12 AM	-1.6	-1.2	1.7	-0.6	-0.1
5/2/2020 7:18 AM	-1.6	-1.2	1.7	-0.6	-0.1
5/2/2020 7:24 AM	-1.6	-1.1	1.8	-0.6	-0.1
5/2/2020 7:30 AM	-1.6	-1.2	2	-0.6	-0.1
5/2/2020 7:36 AM	-1.5	-1.2	2.1	-0.6	-0.1
5/2/2020 7:42 AM	-1.5	-1.1	2.1	-0.6	-0.1
5/2/2020 7:48 AM	-1.5	-1.1	2.2	-0.6	-0.1
5/2/2020 7:54 AM	-1.5	-1.1	2.3	-0.6	-0.1
5/2/2020 8:00 AM	-1.5	-1.1	2.3	-0.6	-0.1
5/2/2020 8:06 AM	-1.5	-1.1	2.2	-0.6	-0.1
5/2/2020 8:12 AM	-1.5	-1.1	2.2	-0.6	-0.1
5/2/2020 8:18 AM	-1.5	-1.1	2.2	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/2/2020 8:24 AM	-1.5	-1.1	2.2	-0.6	-0.1
5/2/2020 8:30 AM	-1.5	-1.1	2.2	-0.6	-0.1
5/2/2020 8:36 AM	-1.4	-1.1	2.2	-0.6	-0.1
5/2/2020 8:42 AM	-1.4	-1.1	2.3	-0.6	-0.1
5/2/2020 8:48 AM	-1.4	-1.1	2.2	-0.6	-0.1
5/2/2020 8:54 AM	-1.4	-1.1	2.2	-0.6	-0.1
5/2/2020 9:00 AM	-1.4	-1.1	2.2	-0.5	-0.1
5/2/2020 9:06 AM	-1.4	-1.1	2.1	-0.5	-0.1
5/2/2020 9:12 AM	-1.4	-1.1	2.1	-0.5	-0.1
5/2/2020 9:18 AM	-1.4	-1.1	2.4	-0.5	-0.1
5/2/2020 9:24 AM	-1.4	-1.1	2.7	-0.5	-0.1
5/2/2020 9:30 AM	-1.4	-1.1	2.7	-0.5	-0.1
5/2/2020 9:36 AM	-1.4	-1.1	2.9	-0.5	-0.1
5/2/2020 9:42 AM	-1.4	-1.1	3.1	-0.5	-0.1
5/2/2020 9:48 AM	-1.4	-1.1	3.2	-0.5	-0.1
5/2/2020 9:54 AM	-1.4	-1.1	3.3	-0.5	-0.1
5/2/2020 10:00 AM	-1.4	-1	3.3	-0.5	-0.1
5/2/2020 10:06 AM	-1.4	-1	3.5	-0.5	-0.1
5/2/2020 10:12 AM	-1.4	-1	3.6	-0.5	-0.1
5/2/2020 10:18 AM	-1.4	-1	3.6	-0.5	-0.1
5/2/2020 10:24 AM	-1.4	-1.1	3.8	-0.5	-0.1
5/2/2020 10:30 AM	-1.4	-1.1	3.9	-0.5	-0.1
5/2/2020 10:36 AM	-1.4	-1.1	4.1	-0.5	-0.1
5/2/2020 10:42 AM	-1.4	-1	4.3	-0.5	-0.1
5/2/2020 10:48 AM	-1.4	-1.1	4.6	-0.5	-0.1
5/2/2020 10:54 AM	-1.4	-1	4.7	-0.5	-0.1
5/2/2020 11:00 AM	-1.4	-1	4.7	-0.5	-0.1
5/2/2020 11:06 AM	-1.4	-1	4.7	-0.5	-0.1
5/2/2020 11:12 AM	-1.4	-1	4.6	-0.5	-0.1
5/2/2020 11:18 AM	-1.4	-1	4.5	-0.5	-0.1
5/2/2020 11:24 AM	-1.4	-1	4.5	-0.5	-0.1
5/2/2020 11:30 AM	-1.4	-1	4.6	-0.5	-0.1
5/2/2020 11:36 AM	-1.4	-1	4.6	-0.5	-0.1
5/2/2020 11:42 AM	-1.3	-1	4.6	-0.5	-0.1
5/2/2020 11:48 AM	-1.3	-1	4.6	-0.5	-0.1
5/2/2020 11:54 AM	-1.3	-1	4.8	-0.5	-0.1
5/2/2020 12:00 PM	-0.8	Calib	Calib	Calib	Calib
5/2/2020 12:06 PM	0.7	Calib	Calib	Calib	Calib
5/2/2020 12:12 PM	0.7	-0.5	5.6	-0.1	0.1
5/2/2020 12:18 PM	0.7	-0.5	5.5	-0.2	0.1
5/2/2020 12:24 PM	0.8	-0.5	5.4	-0.2	0.1
5/2/2020 12:30 PM	0.8	-0.5	5.3	-0.1	0.1
5/2/2020 12:36 PM	0.8	-0.5	4.9	-0.1	0.1
5/2/2020 12:42 PM	0.8	-0.5	4.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/2/2020 12:48 PM	0.8	-0.5	4.6	-0.1	0.1
5/2/2020 12:54 PM	0.7	-0.5	4.6	-0.1	0.1
5/2/2020 1:00 PM	0.7	-0.5	4.6	-0.2	0.1
5/2/2020 1:06 PM	0.7	-0.6	4.6	-0.2	0.1
5/2/2020 1:12 PM	0.7	-0.6	4.6	-0.2	0.1
5/2/2020 1:18 PM	0.7	-0.6	4.5	-0.2	0.1
5/2/2020 1:24 PM	0.7	-0.6	4.5	-0.2	0
5/2/2020 1:30 PM	0.7	-0.6	4.5	-0.1	0.1
5/2/2020 1:36 PM	0.7	-0.6	4.5	-0.2	0.1
5/2/2020 1:42 PM	0.7	-0.6	4.5	-0.2	0.1
5/2/2020 1:48 PM	0.7	-0.6	4.4	-0.2	0.1
5/2/2020 1:54 PM	0.7	-0.6	4.4	-0.2	0.1
5/2/2020 2:00 PM	0.7	-0.6	4.4	-0.1	0.1
5/2/2020 2:06 PM	0.7	-0.6	4.4	-0.1	0.1
5/2/2020 2:12 PM	0.7	-0.6	4.5	-0.1	0.1
5/2/2020 2:18 PM	0.7	-0.6	4.4	-0.1	0.1
5/2/2020 2:24 PM	0.7	-0.6	4.2	-0.2	0.1
5/2/2020 2:30 PM	0.7	-0.6	4.1	-0.1	0.1
5/2/2020 2:36 PM	0.7	-0.6	4.1	-0.1	0.1
5/2/2020 2:42 PM	0.7	-0.6	4.1	-0.1	0.1
5/2/2020 2:48 PM	0.7	-0.6	4	-0.1	0.1
5/2/2020 2:54 PM	0.7	-0.6	4	-0.1	0.1
5/2/2020 3:00 PM	0.7	-0.6	4	-0.1	0.1
5/2/2020 3:06 PM	0.7	-0.5	4	-0.1	0.1
5/2/2020 3:12 PM	0.7	-0.5	4.2	-0.1	0
5/2/2020 3:18 PM	0.7	-0.5	4.3	-0.1	0
5/2/2020 3:24 PM	0.7	-0.5	4.3	-0.1	0
5/2/2020 3:30 PM	0.7	-0.5	4.4	-0.1	0
5/2/2020 3:36 PM	0.7	-0.5	4.3	-0.1	0
5/2/2020 3:42 PM	0.7	-0.5	4.3	-0.1	0
5/2/2020 3:48 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 3:54 PM	0.7	-0.4	4.2	-0.1	0
5/2/2020 4:00 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 4:06 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 4:12 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 4:18 PM	0.7	-0.3	4.3	-0.1	0
5/2/2020 4:24 PM	0.7	-0.3	4.3	-0.1	0
5/2/2020 4:30 PM	0.7	-0.4	4.2	-0.1	0
5/2/2020 4:36 PM	0.7	-0.4	4.2	-0.1	0
5/2/2020 4:42 PM	0.7	-0.5	4.1	-0.1	0
5/2/2020 4:48 PM	0.7	-0.5	4.1	-0.1	0
5/2/2020 4:54 PM	0.7	-0.4	4.1	-0.1	0
5/2/2020 5:00 PM	0.7	-0.4	4.1	-0.1	0
5/2/2020 5:06 PM	0.7	-0.4	4.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/2/2020 5:12 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:18 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:24 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:30 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:36 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:42 PM	0.7	-0.4	4.3	-0.1	0
5/2/2020 5:48 PM	0.7	-0.4	4.2	-0.1	0
5/2/2020 5:54 PM	0.7	-0.4	4.1	-0.1	0
5/2/2020 6:00 PM	0.7	-0.4	4.1	-0.1	0
5/2/2020 6:06 PM	0.7	-0.5	4	-0.1	0
5/2/2020 6:12 PM	0.7	-0.5	3.9	-0.1	0
5/2/2020 6:18 PM	0.7	-0.5	3.9	-0.1	0
5/2/2020 6:24 PM	0.7	-0.6	3.9	-0.1	0
5/2/2020 6:30 PM	0.7	-0.6	3.9	-0.1	0
5/2/2020 6:36 PM	0.7	-0.5	3.9	-0.1	0
5/2/2020 6:42 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 6:48 PM	0.6	-0.6	3.8	-0.1	0
5/2/2020 6:54 PM	0.6	-0.6	3.9	-0.1	0
5/2/2020 7:00 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 7:06 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 7:12 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:18 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 7:24 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:30 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:36 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:42 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:48 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 7:54 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 8:00 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 8:06 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 8:12 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 8:18 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:24 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:30 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:36 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:42 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:48 PM	0.6	-0.5	4	-0.1	0
5/2/2020 8:54 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:00 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:06 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:12 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:18 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:24 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:30 PM	0.6	-0.5	3.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/2/2020 9:36 PM	0.6	-0.5	4	-0.1	0
5/2/2020 9:42 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 9:48 PM	0.6	-0.5	3.9	-0.1	0
5/2/2020 9:54 PM	0.6	-0.4	3.9	-0.1	0
5/2/2020 10:00 PM	0.6	-0.5	3.8	-0.1	0
5/2/2020 10:06 PM	0.5	-0.4	3.8	-0.1	0
5/2/2020 10:12 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:18 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:24 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:30 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:36 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:42 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:48 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 10:54 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:00 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:06 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:12 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:18 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:24 PM	0.5	-0.4	3.6	-0.1	0
5/2/2020 11:30 PM	0.5	-0.4	3.7	-0.1	0
5/2/2020 11:36 PM	0.5	-0.4	3.8	-0.1	0
5/2/2020 11:42 PM	0.5	-0.4	3.8	-0.1	0
5/2/2020 11:48 PM	0.5	-0.4	3.8	-0.1	0
5/2/2020 11:54 PM	0.5	-0.4	3.8	-0.1	0
5/3/2020 12:00 AM	0.5	-0.4	3.8	-0.1	0
5/3/2020 12:06 AM	0.5	-0.4	3.8	-0.1	0
5/3/2020 12:12 AM	0.5	-0.4	3.7	-0.1	0
5/3/2020 12:18 AM	0.5	-0.4	3.6	-0.1	0
5/3/2020 12:24 AM	0.5	-0.4	3.6	-0.1	0
5/3/2020 12:30 AM	0.5	-0.4	3.6	-0.1	0
5/3/2020 12:36 AM	0.5	-0.4	3.6	-0.1	0
5/3/2020 12:42 AM	0.5	-0.3	3.6	-0.1	0
5/3/2020 12:48 AM	0.5	-0.3	3.5	-0.1	0
5/3/2020 12:54 AM	0.5	-0.3	3.5	-0.1	0
5/3/2020 1:00 AM	0.5	-0.3	3.4	-0.1	0
5/3/2020 1:06 AM	0.5	-0.3	3.3	-0.1	0
5/3/2020 1:12 AM	0.5	-0.3	3	-0.1	0
5/3/2020 1:18 AM	0.5	-0.3	2.7	-0.1	0
5/3/2020 1:24 AM	0.5	-0.3	2.5	-0.1	0
5/3/2020 1:30 AM	0.5	-0.3	2.4	-0.1	0
5/3/2020 1:36 AM	0.5	-0.3	2.3	-0.1	0
5/3/2020 1:42 AM	0.5	-0.3	2.5	-0.1	0
5/3/2020 1:48 AM	0.5	-0.3	2.7	-0.1	0
5/3/2020 1:54 AM	0.5	-0.3	2.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/3/2020 2:00 AM	0.5	-0.3	1.9	-0.1	0
5/3/2020 2:06 AM	0.5	-0.3	1.8	-0.1	0
5/3/2020 2:12 AM	0.5	-0.2	1.8	-0.1	0
5/3/2020 2:18 AM	0.5	-0.2	1.8	-0.1	0
5/3/2020 2:24 AM	0.5	-0.2	1.8	-0.1	0
5/3/2020 2:30 AM	0.5	-0.2	1.9	-0.1	0
5/3/2020 2:36 AM	0.5	-0.2	1.9	-0.1	0
5/3/2020 2:42 AM	0.5	-0.2	1.9	-0.1	0
5/3/2020 2:48 AM	0.5	-0.2	1.8	-0.1	0
5/3/2020 2:54 AM	0.5	-0.2	1.7	-0.1	0
5/3/2020 3:00 AM	0.4	-0.1	1.8	-0.1	0
5/3/2020 3:06 AM	0.4	-0.1	1.9	-0.1	0
5/3/2020 3:12 AM	0.4	0	1.8	-0.1	0
5/3/2020 3:18 AM	0.4	0.1	1.8	-0.1	0
5/3/2020 3:24 AM	0.4	0.2	1.9	-0.1	0
5/3/2020 3:30 AM	0.4	0.2	2	-0.1	0
5/3/2020 3:36 AM	0.4	0.1	2	-0.1	0
5/3/2020 3:42 AM	0.4	0.2	1.8	-0.1	0
5/3/2020 3:48 AM	0.4	0.3	1.8	-0.1	0
5/3/2020 3:54 AM	0.4	0.4	1.7	-0.1	0
5/3/2020 4:00 AM	0.4	0.5	1.6	-0.1	0
5/3/2020 4:06 AM	0.4	0.5	1.5	0	0
5/3/2020 4:12 AM	0.4	0.5	1.5	0	0
5/3/2020 4:18 AM	0.3	0.5	1.5	0	0
5/3/2020 4:24 AM	0.3	0.4	1.5	0	0
5/3/2020 4:30 AM	0.3	0.4	1.6	0	0
5/3/2020 4:36 AM	0.3	0.4	1.6	0	0
5/3/2020 4:42 AM	0.3	0.4	1.6	0	0
5/3/2020 4:48 AM	0.3	0.4	1.8	0	0
5/3/2020 4:54 AM	0.3	0.4	2	-0.1	0
5/3/2020 5:00 AM	0.3	0.3	2.1	-0.1	0
5/3/2020 5:06 AM	0.3	0.3	2.2	-0.1	0
5/3/2020 5:12 AM	0.3	0.2	2.3	-0.1	0
5/3/2020 5:18 AM	0.3	0.2	2.8	-0.1	0
5/3/2020 5:24 AM	0.3	0.1	2.9	-0.1	0
5/3/2020 5:30 AM	0.3	0	2.7	-0.1	0
5/3/2020 5:36 AM	0.3	-0.1	2.6	-0.1	0
5/3/2020 5:42 AM	0.3	-0.1	2.5	-0.1	0
5/3/2020 5:48 AM	0.3	-0.1	2.5	-0.1	0
5/3/2020 5:54 AM	0.3	-0.1	2.5	-0.1	0
5/3/2020 6:00 AM	0.3	-0.1	2.4	-0.1	0
5/3/2020 6:06 AM	0.3	-0.1	2.3	-0.1	0
5/3/2020 6:12 AM	0.3	-0.1	2.3	-0.1	0
5/3/2020 6:18 AM	0.3	-0.1	2.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/3/2020 6:24 AM	0.3	0	2.3	-0.1	0
5/3/2020 6:30 AM	0.3	0	2.3	-0.1	0
5/3/2020 6:36 AM	0.3	0	2.3	-0.1	0
5/3/2020 6:42 AM	0.3	0	2.3	-0.1	0
5/3/2020 6:48 AM	0.3	0.1	2.2	-0.1	0
5/3/2020 6:54 AM	0.3	0.1	2.3	-0.1	0
5/3/2020 7:00 AM	0.4	0.2	2.3	-0.1	0
5/3/2020 7:06 AM	0.4	0.2	2.3	-0.1	0
5/3/2020 7:12 AM	0.4	0.2	2.3	-0.1	0
5/3/2020 7:18 AM	0.4	0.2	2.3	-0.1	0
5/3/2020 7:24 AM	0.4	0.2	2.4	-0.1	0
5/3/2020 7:30 AM	0.4	0.3	2.6	-0.1	0
5/3/2020 7:36 AM	0.4	0.3	2.6	-0.1	0
5/3/2020 7:42 AM	0.4	0.4	2.7	-0.1	0
5/3/2020 7:48 AM	0.4	0.3	2.8	-0.1	0
5/3/2020 7:54 AM	0.4	0.3	2.9	-0.1	0
5/3/2020 8:00 AM	0.4	0.4	3	-0.1	0
5/3/2020 8:06 AM	0.4	0.4	3	-0.1	0
5/3/2020 8:12 AM	0.4	0.4	3.1	-0.1	0
5/3/2020 8:18 AM	0.4	0.4	3.1	-0.1	0
5/3/2020 8:24 AM	0.4	0.4	3.1	-0.1	0
5/3/2020 8:30 AM	0.4	0.4	3.1	-0.1	0
5/3/2020 8:36 AM	0.4	0.5	3	-0.1	0
5/3/2020 8:42 AM	0.4	0.5	3	-0.1	0
5/3/2020 8:48 AM	0.4	0.7	3	-0.1	0
5/3/2020 8:54 AM	0.4	0.8	3	-0.1	0
5/3/2020 9:00 AM	0.4	0.9	2.9	-0.1	0
5/3/2020 9:06 AM	0.4	0.9	2.9	-0.1	0
5/3/2020 9:12 AM	0.4	0.8	2.9	-0.1	0
5/3/2020 9:18 AM	0.4	0.6	3	-0.1	0
5/3/2020 9:24 AM	0.4	0.4	3.1	-0.1	0
5/3/2020 9:30 AM	0.5	0.3	3.2	-0.1	0
5/3/2020 9:36 AM	0.5	0.2	3.2	-0.1	0
5/3/2020 9:42 AM	0.5	0.2	3.2	-0.1	0
5/3/2020 9:48 AM	0.5	0.1	3.2	-0.1	0
5/3/2020 9:54 AM	0.5	0.1	3.3	-0.1	0
5/3/2020 10:00 AM	0.5	0.1	3.3	-0.1	0
5/3/2020 10:06 AM	0.5	0.1	3.2	-0.1	0
5/3/2020 10:12 AM	0.5	0.1	3.3	-0.1	0
5/3/2020 10:18 AM	0.5	0.1	3.3	-0.1	0
5/3/2020 10:24 AM	0.5	0.1	3.2	-0.1	0
5/3/2020 10:30 AM	0.5	0.1	3.2	-0.1	0
5/3/2020 10:36 AM	0.5	0.1	3.2	-0.1	0
5/3/2020 10:42 AM	0.5	0.1	3.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/3/2020 10:48 AM	0.5	0.1	3.4	-0.1	0
5/3/2020 10:54 AM	0.5	0.2	3.4	-0.1	0
5/3/2020 11:00 AM	0.5	0.2	3.4	-0.1	0
5/3/2020 11:06 AM	0.6	0.2	3.4	-0.1	0
5/3/2020 11:12 AM	0.6	0.2	3.4	-0.1	0
5/3/2020 11:18 AM	0.6	0.2	3.5	-0.1	0
5/3/2020 11:24 AM	0.6	0.2	3.5	-0.1	0
5/3/2020 11:30 AM	0.6	0.2	3.6	-0.1	0
5/3/2020 11:36 AM	0.6	0.2	3.5	-0.1	0
5/3/2020 11:42 AM	0.6	0.2	3.6	-0.1	0
5/3/2020 11:48 AM	0.6	0.2	3.6	-0.1	0
5/3/2020 11:54 AM	0.6	0.2	3.7	-0.1	0
5/3/2020 12:00 PM	0.5	Calib	Calib	Calib	Calib
5/3/2020 12:06 PM	0	Calib	Calib	Calib	Calib
5/3/2020 12:12 PM	0.1	0.1	3.6	-0.2	0.1
5/3/2020 12:18 PM	0.1	0.2	3.5	-0.2	0.1
5/3/2020 12:24 PM	0.1	0.2	3.5	-0.2	0.1
5/3/2020 12:30 PM	0.1	0.2	3.4	-0.2	0.1
5/3/2020 12:36 PM	0.1	0.2	3.4	-0.2	0.1
5/3/2020 12:42 PM	0.1	0.2	3.4	-0.2	0.1
5/3/2020 12:48 PM	0.1	0.3	3.5	-0.2	0.1
5/3/2020 12:54 PM	0.1	0.3	3.5	-0.2	0.1
5/3/2020 1:00 PM	0.1	0.2	3.5	-0.2	0.1
5/3/2020 1:06 PM	0.1	0.2	3.5	-0.2	0.1
5/3/2020 1:12 PM	0.1	0.1	3.6	-0.2	0.1
5/3/2020 1:18 PM	0.1	0	3.7	-0.2	0.1
5/3/2020 1:24 PM	0.1	-0.1	4	-0.2	0.1
5/3/2020 1:30 PM	0.1	-0.2	4.2	-0.2	0.1
5/3/2020 1:36 PM	0.1	-0.2	4.2	-0.2	0.1
5/3/2020 1:42 PM	0.1	-0.2	4.2	-0.2	0.1
5/3/2020 1:48 PM	0.1	-0.2	4.3	-0.2	0.1
5/3/2020 1:54 PM	0.2	-0.2	4.5	-0.2	0.1
5/3/2020 2:00 PM	0.2	-0.2	4.4	-0.2	0.1
5/3/2020 2:06 PM	0.2	-0.1	4.3	-0.2	0.1
5/3/2020 2:12 PM	0.2	-0.2	4.3	-0.2	0.1
5/3/2020 2:18 PM	0.2	-0.2	4.4	-0.2	0.1
5/3/2020 2:24 PM	0.2	-0.2	4.3	-0.2	0.1
5/3/2020 2:30 PM	0.2	-0.2	4.2	-0.2	0.1
5/3/2020 2:36 PM	0.2	-0.2	4.2	-0.2	0.1
5/3/2020 2:42 PM	0.2	-0.1	4.3	-0.2	0.1
5/3/2020 2:48 PM	0.2	0	4.2	-0.2	0.1
5/3/2020 2:54 PM	0.2	0.1	4.1	-0.2	0.1
5/3/2020 3:00 PM	0.2	0.2	4.1	-0.2	0.1
5/3/2020 3:06 PM	0.2	0.3	4.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/3/2020 3:12 PM	0.2	0.4	4.1	-0.2	0.1
5/3/2020 3:18 PM	0.2	0.5	4.1	-0.2	0.1
5/3/2020 3:24 PM	0.2	0.5	4.1	-0.2	0.1
5/3/2020 3:30 PM	0.2	0.5	4.1	-0.2	0.1
5/3/2020 3:36 PM	0.2	0.4	4.2	-0.2	0.1
5/3/2020 3:42 PM	0.2	0.4	4.2	-0.2	0.1
5/3/2020 3:48 PM	0.2	0.3	4.1	-0.2	0.1
5/3/2020 3:54 PM	0.2	0.3	4	-0.2	0.1
5/3/2020 4:00 PM	0.2	0.2	3.9	-0.2	0.1
5/3/2020 4:06 PM	0.2	0.1	4	-0.2	0.1
5/3/2020 4:12 PM	0.2	0.1	4	-0.2	0.1
5/3/2020 4:18 PM	0.2	0.1	4.1	-0.2	0.1
5/3/2020 4:24 PM	0.2	0	4.1	-0.2	0.1
5/3/2020 4:30 PM	0.2	0	4	-0.2	0.1
5/3/2020 4:36 PM	0.2	0.1	3.9	-0.2	0.1
5/3/2020 4:42 PM	0.2	0.2	3.7	-0.2	0.1
5/3/2020 4:48 PM	0.2	0.2	3.6	-0.2	0.1
5/3/2020 4:54 PM	0.1	0.2	3.6	-0.2	0.1
5/3/2020 5:00 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:06 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:12 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:18 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:24 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:30 PM	0.1	0.3	3.5	-0.2	0
5/3/2020 5:36 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:42 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:48 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 5:54 PM	0.1	0.4	3.6	-0.2	0.1
5/3/2020 6:00 PM	0.1	0.5	3.6	-0.2	0.1
5/3/2020 6:06 PM	0.1	0.6	3.6	-0.2	0.1
5/3/2020 6:12 PM	0.1	0.7	3.6	-0.2	0.1
5/3/2020 6:18 PM	0.1	0.7	3.5	-0.2	0.1
5/3/2020 6:24 PM	0.1	0.6	3.5	-0.2	0.1
5/3/2020 6:30 PM	0.1	0.5	3.6	-0.2	0.1
5/3/2020 6:36 PM	0.1	0.4	3.7	-0.2	0.1
5/3/2020 6:42 PM	0.1	0.4	3.7	-0.2	0.1
5/3/2020 6:48 PM	0.1	0.4	3.7	-0.2	0.1
5/3/2020 6:54 PM	0.1	0.3	3.7	-0.2	0.1
5/3/2020 7:00 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 7:06 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 7:12 PM	0.1	0.3	3.6	-0.2	0.1
5/3/2020 7:18 PM	0.1	0.3	3.7	-0.2	0.1
5/3/2020 7:24 PM	0.1	0.3	3.7	-0.2	0.1
5/3/2020 7:30 PM	0.1	0.3	3.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/3/2020 7:36 PM	0.1	0.3	3.8	-0.2	0
5/3/2020 7:42 PM	0.1	0.3	3.7	-0.2	0
5/3/2020 7:48 PM	0.1	0.3	3.8	-0.2	0
5/3/2020 7:54 PM	0	0.3	3.8	-0.2	0.1
5/3/2020 8:00 PM	0	0.3	3.8	-0.2	0
5/3/2020 8:06 PM	0	0.3	3.8	-0.2	0
5/3/2020 8:12 PM	0	0.3	3.8	-0.2	0
5/3/2020 8:18 PM	0	0.3	3.7	-0.2	0
5/3/2020 8:24 PM	0	0.3	3.7	-0.2	0
5/3/2020 8:30 PM	0	0.3	3.7	-0.2	0
5/3/2020 8:36 PM	0	0.3	3.7	-0.2	0
5/3/2020 8:42 PM	0	0.3	3.7	-0.2	0
5/3/2020 8:48 PM	0	0.4	3.7	-0.2	0
5/3/2020 8:54 PM	0	0.3	3.7	-0.2	0
5/3/2020 9:00 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:06 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:12 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:18 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:24 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:30 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:36 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:42 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:48 PM	0	0.4	3.7	-0.2	0
5/3/2020 9:54 PM	0	0.4	3.7	-0.2	0
5/3/2020 10:00 PM	0	0.4	3.7	-0.2	0
5/3/2020 10:06 PM	0	0.4	3.7	-0.2	0
5/3/2020 10:12 PM	0	0.5	3.7	-0.2	0
5/3/2020 10:18 PM	0	0.5	3.7	-0.2	0
5/3/2020 10:24 PM	0	0.5	3.8	-0.2	0
5/3/2020 10:30 PM	-0.1	0.5	3.8	-0.2	0
5/3/2020 10:36 PM	-0.1	0.5	3.7	-0.2	0
5/3/2020 10:42 PM	-0.1	0.5	3.7	-0.2	0
5/3/2020 10:48 PM	-0.1	0.6	3.7	-0.2	0
5/3/2020 10:54 PM	-0.1	0.6	3.7	-0.2	0
5/3/2020 11:00 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:06 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:12 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:18 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:24 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:30 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:36 PM	-0.1	0.6	3.7	-0.2	0
5/3/2020 11:42 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:48 PM	-0.1	0.6	3.6	-0.2	0
5/3/2020 11:54 PM	-0.1	0.7	3.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 12:00 AM	-0.1	0.7	3.6	-0.2	0
5/4/2020 12:06 AM	-0.1	0.7	3.6	-0.2	0
5/4/2020 12:12 AM	-0.1	0.7	3.6	-0.2	0
5/4/2020 12:18 AM	-0.1	0.7	3.7	-0.2	0
5/4/2020 12:24 AM	-0.1	0.7	3.7	-0.2	0
5/4/2020 12:30 AM	-0.1	0.7	3.8	-0.2	0
5/4/2020 12:36 AM	-0.1	0.7	3.7	-0.2	0
5/4/2020 12:42 AM	-0.1	0.7	3.8	-0.2	0
5/4/2020 12:48 AM	-0.1	0.7	3.8	-0.2	0
5/4/2020 12:54 AM	-0.1	0.7	3.8	-0.2	0
5/4/2020 1:00 AM	-0.1	0.7	3.8	-0.2	0
5/4/2020 1:06 AM	-0.1	0.7	3.9	-0.2	0
5/4/2020 1:12 AM	-0.1	0.6	3.9	-0.2	0
5/4/2020 1:18 AM	-0.1	0.6	3.8	-0.2	0
5/4/2020 1:24 AM	-0.1	0.6	3.6	-0.2	0
5/4/2020 1:30 AM	-0.1	0.5	3.2	-0.2	0
5/4/2020 1:36 AM	-0.1	0.5	2.7	-0.2	0
5/4/2020 1:42 AM	-0.1	0.5	2.5	-0.2	0
5/4/2020 1:48 AM	-0.1	0.5	2.2	-0.2	0
5/4/2020 1:54 AM	-0.1	0.5	2.1	-0.2	0
5/4/2020 2:00 AM	-0.1	0.6	2.1	-0.2	0
5/4/2020 2:06 AM	-0.1	0.6	2	-0.2	0
5/4/2020 2:12 AM	-0.1	0.6	2	-0.2	0
5/4/2020 2:18 AM	-0.1	0.6	1.9	-0.2	0
5/4/2020 2:24 AM	-0.1	0.6	1.9	-0.2	0
5/4/2020 2:30 AM	-0.1	0.6	1.9	-0.2	0
5/4/2020 2:36 AM	-0.1	0.6	1.9	-0.2	0
5/4/2020 2:42 AM	-0.1	0.6	1.9	-0.2	0
5/4/2020 2:48 AM	-0.1	0.5	1.9	-0.2	0
5/4/2020 2:54 AM	-0.1	0.5	2	-0.2	0
5/4/2020 3:00 AM	-0.1	0.5	2	-0.2	0
5/4/2020 3:06 AM	-0.1	0.5	1.9	-0.2	0
5/4/2020 3:12 AM	-0.1	0.5	1.8	-0.2	0
5/4/2020 3:18 AM	-0.1	0.5	1.7	-0.1	0
5/4/2020 3:24 AM	-0.1	0.5	1.8	-0.2	0
5/4/2020 3:30 AM	-0.1	0.5	1.7	-0.2	0
5/4/2020 3:36 AM	-0.1	0.5	1.7	-0.2	0
5/4/2020 3:42 AM	-0.1	0.5	1.7	-0.2	0
5/4/2020 3:48 AM	-0.1	0.5	1.8	-0.2	0
5/4/2020 3:54 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:00 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:06 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:12 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:18 AM	-0.2	0.5	1.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 4:24 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:30 AM	-0.2	0.5	1.8	-0.2	0
5/4/2020 4:36 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 4:42 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 4:48 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 4:54 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:00 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:06 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:12 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:18 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:24 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:30 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:36 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:42 AM	-0.2	0.6	1.8	-0.2	0
5/4/2020 5:48 AM	-0.2	0.7	1.8	-0.2	0
5/4/2020 5:54 AM	-0.2	0.7	1.8	-0.2	0
5/4/2020 6:00 AM	-0.2	0.8	1.7	-0.2	0
5/4/2020 6:06 AM	-0.2	1	1.6	-0.2	0
5/4/2020 6:12 AM	-0.2	1.1	1.6	-0.2	0
5/4/2020 6:18 AM	-0.2	1	1.6	-0.2	0
5/4/2020 6:24 AM	-0.2	1	1.6	-0.2	0
5/4/2020 6:30 AM	-0.2	1	1.7	-0.2	0
5/4/2020 6:36 AM	-0.2	1.1	1.6	-0.2	0
5/4/2020 6:42 AM	-0.2	1	1.6	-0.2	0
5/4/2020 6:48 AM	-0.2	0.9	1.6	-0.2	0
5/4/2020 6:54 AM	-0.1	0.7	1.5	-0.2	0
5/4/2020 7:00 AM	-0.1	0.6	1.6	-0.2	0
5/4/2020 7:06 AM	-0.1	0.5	1.6	-0.2	0
5/4/2020 7:12 AM	-0.1	0.4	1.6	-0.2	0
5/4/2020 7:18 AM	-0.1	0.3	1.7	-0.2	0
5/4/2020 7:24 AM	-0.1	0.3	1.7	-0.2	0
5/4/2020 7:30 AM	-0.1	0.2	1.6	10.3	0
5/4/2020 7:36 AM	-0.1	0.1	1.7	19.8	0
5/4/2020 7:42 AM	-0.1	-0.3	2	14.5	0
5/4/2020 7:48 AM	-0.1	-0.4	2.2	10.3	0
5/4/2020 7:54 AM	-0.1	-0.3	2.1	10.6	0
5/4/2020 8:00 AM	-0.1	-0.1	1.9	10.5	0
5/4/2020 8:06 AM	-0.1	0.1	1.8	7.9	0
5/4/2020 8:12 AM	0	0.2	1.8	6.2	0
5/4/2020 8:18 AM	0	0.2	1.9	5.5	0
5/4/2020 8:24 AM	0	0.2	2	5.4	0
5/4/2020 8:30 AM	0	0.2	2	5.7	0
5/4/2020 8:36 AM	0	0.1	2.1	5.6	0
5/4/2020 8:42 AM	0	0.1	2.1	5.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 8:48 AM	0.1	0	2	4.8	0
5/4/2020 8:54 AM	0.1	-0.1	2	4.7	0
5/4/2020 9:00 AM	0.1	-0.2	2	4.6	0
5/4/2020 9:06 AM	0.1	-0.2	2	4.4	0
5/4/2020 9:12 AM	0.1	-0.2	2	4	0
5/4/2020 9:18 AM	0.1	-0.2	2	3.5	0
5/4/2020 9:24 AM	0.1	-0.2	2	2.7	0
5/4/2020 9:30 AM	0.1	-0.2	2	2.2	0
5/4/2020 9:36 AM	0	-0.2	1.9	2.1	0
5/4/2020 9:42 AM	0	-0.2	1.9	2.1	0
5/4/2020 9:48 AM	0	-0.2	1.9	2	0
5/4/2020 9:54 AM	0	-0.2	1.9	1.9	0
5/4/2020 10:00 AM	0	-0.2	1.9	1.8	0
5/4/2020 10:06 AM	0	-0.2	1.9	1.8	0
5/4/2020 10:12 AM	0	-0.3	1.9	1.8	0
5/4/2020 10:18 AM	0	-0.3	1.9	1.7	0.1
5/4/2020 10:24 AM	0	-0.2	1.9	1.7	0.1
5/4/2020 10:30 AM	0	-0.2	1.9	1.8	0.1
5/4/2020 10:36 AM	0	-0.1	1.9	1.8	0
5/4/2020 10:42 AM	0	0	1.9	1.8	0
5/4/2020 10:48 AM	0	0	1.9	1.8	0
5/4/2020 10:54 AM	0	0	1.8	1.8	0
5/4/2020 11:00 AM	0	0	1.8	1.8	0
5/4/2020 11:06 AM	0	0	1.9	1.8	0
5/4/2020 11:12 AM	0	0	1.9	1.8	0
5/4/2020 11:18 AM	0	0.1	1.9	1.8	0
5/4/2020 11:24 AM	0	0.1	1.9	1.8	0
5/4/2020 11:30 AM	0	0.1	1.9	1.7	0
5/4/2020 11:36 AM	0	0.1	1.9	1.8	0
5/4/2020 11:42 AM	0	0.1	1.9	1.9	0
5/4/2020 11:48 AM	0	0.2	1.8	1.8	0
5/4/2020 11:54 AM	0	0.2	1.8	1.8	0
5/4/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/4/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/4/2020 12:12 PM	0.1	0.6	1.8	1.8	0.1
5/4/2020 12:18 PM	0.1	0.7	1.8	1.8	0.1
5/4/2020 12:24 PM	0.1	0.7	1.8	1.9	0.1
5/4/2020 12:30 PM	0.1	0.6	1.9	2	0.1
5/4/2020 12:36 PM	0.1	0.6	1.8	1.9	0.1
5/4/2020 12:42 PM	0	0.6	1.8	1.9	0.1
5/4/2020 12:48 PM	0	0.7	1.8	2	0.1
5/4/2020 12:54 PM	0	0.7	1.8	1.9	0.1
5/4/2020 1:00 PM	0	0.7	1.8	1.9	0.1
5/4/2020 1:06 PM	0	0.6	1.8	1.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 1:12 PM	0	0.7	1.8	2	0
5/4/2020 1:18 PM	0	0.7	1.7	1.9	0
5/4/2020 1:24 PM	0	0.7	1.7	1.8	0
5/4/2020 1:30 PM	0	0.7	1.8	1.9	0
5/4/2020 1:36 PM	0	0.7	1.8	1.9	0
5/4/2020 1:42 PM	-0.1	0.7	1.8	1.9	0
5/4/2020 1:48 PM	-0.1	0.7	1.8	1.9	0
5/4/2020 1:54 PM	-0.1	0.7	1.8	1.8	0
5/4/2020 2:00 PM	-0.1	0.7	1.8	1.8	0
5/4/2020 2:06 PM	-0.1	0.6	1.8	1.7	0
5/4/2020 2:12 PM	-0.1	0.5	1.8	1.7	0
5/4/2020 2:18 PM	-0.1	0.5	1.8	1.7	0
5/4/2020 2:24 PM	-0.1	0.5	1.8	1.6	0
5/4/2020 2:30 PM	-0.1	0.5	1.8	1.6	0
5/4/2020 2:36 PM	-0.1	0.5	1.8	1.5	0
5/4/2020 2:42 PM	-0.1	0.6	1.7	1.5	0
5/4/2020 2:48 PM	-0.1	0.6	1.7	1.5	0
5/4/2020 2:54 PM	-0.1	0.7	1.8	1.6	0
5/4/2020 3:00 PM	-0.1	0.7	1.8	1.6	0
5/4/2020 3:06 PM	-0.1	0.7	1.8	1.6	0
5/4/2020 3:12 PM	-0.1	0.8	2.2	1.2	0
5/4/2020 3:18 PM	-0.1	0.8	2.4	0.2	0
5/4/2020 3:24 PM	-0.1	0.9	2.3	-0.3	0
5/4/2020 3:30 PM	-0.1	1	2.3	-0.3	0
5/4/2020 3:36 PM	-0.1	1	2.5	-0.3	0
5/4/2020 3:42 PM	-0.1	1	2.6	-0.3	0
5/4/2020 3:48 PM	-0.1	1	2.7	-0.3	0
5/4/2020 3:54 PM	-0.1	1.1	2.9	-0.3	0
5/4/2020 4:00 PM	-0.1	1.2	3.1	-0.3	0
5/4/2020 4:06 PM	-0.1	1.2	3.2	-0.3	0
5/4/2020 4:12 PM	-0.1	1	3.3	-0.3	0
5/4/2020 4:18 PM	-0.1	0.9	3.4	-0.3	0
5/4/2020 4:24 PM	-0.1	0.9	3.5	-0.3	0
5/4/2020 4:30 PM	-0.1	1	3.5	-0.2	0
5/4/2020 4:36 PM	-0.2	1	3.6	-0.3	0
5/4/2020 4:42 PM	-0.2	1	3.6	-0.3	0
5/4/2020 4:48 PM	-0.2	1.2	3.6	-0.3	0
5/4/2020 4:54 PM	-0.2	1.2	3.5	-0.3	0
5/4/2020 5:00 PM	-0.2	1.1	3.6	-0.3	0
5/4/2020 5:06 PM	-0.2	0.9	3.6	-0.3	0
5/4/2020 5:12 PM	-0.2	0.7	3.6	-0.2	0
5/4/2020 5:18 PM	-0.2	0.6	3.7	-0.2	0
5/4/2020 5:24 PM	-0.2	0.6	3.8	-0.3	0
5/4/2020 5:30 PM	-0.2	0.6	3.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 5:36 PM	-0.2	0.6	3.8	-0.3	0
5/4/2020 5:42 PM	-0.2	0.6	3.9	-0.3	0
5/4/2020 5:48 PM	-0.2	0.6	3.9	-0.2	0
5/4/2020 5:54 PM	-0.2	0.5	3.9	-0.2	0
5/4/2020 6:00 PM	-0.2	0.5	3.9	-0.2	0
5/4/2020 6:06 PM	-0.2	0.4	3.8	-0.3	0
5/4/2020 6:12 PM	-0.2	0.5	3.7	-0.2	0
5/4/2020 6:18 PM	-0.2	0.4	3.8	-0.2	0
5/4/2020 6:24 PM	-0.2	0.4	3.7	-0.2	0
5/4/2020 6:30 PM	-0.2	0.4	3.8	-0.2	0
5/4/2020 6:36 PM	-0.2	0.4	3.9	-0.2	0
5/4/2020 6:42 PM	-0.3	0.3	3.9	-0.2	0
5/4/2020 6:48 PM	-0.3	0.3	3.9	-0.2	0
5/4/2020 6:54 PM	-0.3	0.3	3.9	-0.2	0
5/4/2020 7:00 PM	-0.3	0.3	3.8	-0.2	0
5/4/2020 7:06 PM	-0.3	0.3	3.8	-0.2	0
5/4/2020 7:12 PM	-0.3	0.3	3.8	-0.2	0
5/4/2020 7:18 PM	-0.3	0.3	3.9	-0.2	0
5/4/2020 7:24 PM	-0.3	0.3	3.8	-0.2	0
5/4/2020 7:30 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 7:36 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 7:42 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 7:48 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 7:54 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 8:00 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 8:06 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 8:12 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 8:18 PM	-0.3	0.4	3.6	-0.2	0
5/4/2020 8:24 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 8:30 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 8:36 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 8:42 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 8:48 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 8:54 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 9:00 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 9:06 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 9:12 PM	-0.3	0.4	3.7	-0.2	0
5/4/2020 9:18 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 9:24 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 9:30 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 9:36 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 9:42 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 9:48 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 9:54 PM	-0.3	0.4	3.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/4/2020 10:00 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 10:06 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 10:12 PM	-0.3	0.4	3.8	-0.2	0
5/4/2020 10:18 PM	-0.3	0.4	3.9	-0.2	0
5/4/2020 10:24 PM	-0.3	0.4	4	-0.2	0
5/4/2020 10:30 PM	-0.3	0.5	4.1	-0.2	0
5/4/2020 10:36 PM	-0.3	0.5	4.1	-0.2	0
5/4/2020 10:42 PM	-0.3	0.5	4.1	-0.2	0
5/4/2020 10:48 PM	-0.3	0.6	4.1	-0.2	0
5/4/2020 10:54 PM	-0.3	0.6	4.1	-0.2	0
5/4/2020 11:00 PM	-0.3	0.6	3.9	-0.2	0
5/4/2020 11:06 PM	-0.3	0.6	3.9	-0.2	0
5/4/2020 11:12 PM	-0.3	0.6	4	-0.2	0
5/4/2020 11:18 PM	-0.3	0.6	3.9	-0.2	0
5/4/2020 11:24 PM	-0.3	0.7	3.9	-0.2	0
5/4/2020 11:30 PM	-0.3	0.7	3.9	-0.2	0
5/4/2020 11:36 PM	-0.3	0.7	3.9	-0.2	0
5/4/2020 11:42 PM	-0.3	0.7	3.9	-0.2	0
5/4/2020 11:48 PM	-0.3	0.8	3.8	-0.2	0
5/4/2020 11:54 PM	-0.3	0.8	3.7	-0.2	0
5/5/2020 12:00 AM	-0.3	0.8	3.8	-0.2	0
5/5/2020 12:06 AM	-0.3	0.8	3.8	-0.2	0
5/5/2020 12:12 AM	-0.3	0.7	3.9	-0.2	0
5/5/2020 12:18 AM	-0.3	0.7	3.9	-0.2	0
5/5/2020 12:24 AM	-0.3	0.7	3.9	-0.2	0
5/5/2020 12:30 AM	-0.3	0.6	3.9	-0.2	0
5/5/2020 12:36 AM	-0.3	0.6	4	-0.2	0
5/5/2020 12:42 AM	-0.3	0.5	4	-0.2	0
5/5/2020 12:48 AM	-0.3	0.5	4.1	-0.2	0
5/5/2020 12:54 AM	-0.4	0.5	4.1	-0.2	0
5/5/2020 1:00 AM	-0.4	0.5	4	-0.2	0
5/5/2020 1:06 AM	-0.4	0.5	4.1	-0.2	0
5/5/2020 1:12 AM	-0.4	0.5	4	-0.2	0
5/5/2020 1:18 AM	-0.4	0.5	4	-0.2	0
5/5/2020 1:24 AM	-0.4	0.5	4.1	-0.2	0
5/5/2020 1:30 AM	-0.4	0.5	4	-0.2	0
5/5/2020 1:36 AM	-0.4	0.5	3.7	-0.2	0
5/5/2020 1:42 AM	-0.4	0.5	3.5	-0.2	0
5/5/2020 1:48 AM	-0.4	0.5	3.3	-0.2	0
5/5/2020 1:54 AM	-0.4	0.5	3.3	-0.2	0
5/5/2020 2:00 AM	-0.4	0.5	3.3	-0.2	0
5/5/2020 2:06 AM	-0.4	0.5	3.1	-0.2	0
5/5/2020 2:12 AM	-0.4	0.5	3.3	-0.2	0
5/5/2020 2:18 AM	-0.4	0.5	3.5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/5/2020 2:24 AM	-0.4	0.4	3.2	-0.2	0
5/5/2020 2:30 AM	-0.4	0.4	2.7	-0.2	0
5/5/2020 2:36 AM	-0.4	0.4	2.5	-0.2	0
5/5/2020 2:42 AM	-0.4	0.4	2.5	-0.2	0
5/5/2020 2:48 AM	-0.4	0.4	2.5	-0.2	0
5/5/2020 2:54 AM	-0.4	0.4	2.5	-0.2	0
5/5/2020 3:00 AM	-0.4	0.4	2.4	-0.2	0
5/5/2020 3:06 AM	-0.4	0.5	2.4	-0.2	0
5/5/2020 3:12 AM	-0.4	0.5	2.5	-0.2	0
5/5/2020 3:18 AM	-0.4	0.5	2.5	-0.2	0
5/5/2020 3:24 AM	-0.4	0.5	2.4	-0.2	0
5/5/2020 3:30 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 3:36 AM	-0.4	0.5	2.1	-0.2	0
5/5/2020 3:42 AM	-0.4	0.5	2	-0.2	0
5/5/2020 3:48 AM	-0.4	0.5	2	-0.2	0
5/5/2020 3:54 AM	-0.4	0.5	2.1	-0.2	0
5/5/2020 4:00 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 4:06 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 4:12 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 4:18 AM	-0.4	0.5	2.1	-0.2	0
5/5/2020 4:24 AM	-0.4	0.5	2.1	-0.2	0
5/5/2020 4:30 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 4:36 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 4:42 AM	-0.4	0.5	2.3	-0.2	0
5/5/2020 4:48 AM	-0.4	0.5	2.4	-0.2	0
5/5/2020 4:54 AM	-0.4	0.5	2.4	-0.2	0
5/5/2020 5:00 AM	-0.4	0.5	2.4	-0.2	0
5/5/2020 5:06 AM	-0.4	0.5	2.2	-0.2	0
5/5/2020 5:12 AM	-0.4	0.6	2.1	-0.2	0
5/5/2020 5:18 AM	-0.4	0.8	1.9	-0.2	0
5/5/2020 5:24 AM	-0.4	1	1.9	-0.2	0
5/5/2020 5:30 AM	-0.4	1.1	1.9	-0.2	0
5/5/2020 5:36 AM	-0.4	1	2	-0.2	0
5/5/2020 5:42 AM	-0.4	1	2	-0.2	0
5/5/2020 5:48 AM	-0.4	1	2	-0.2	0
5/5/2020 5:54 AM	-0.4	1.1	1.9	-0.2	0
5/5/2020 6:00 AM	-0.4	1.1	1.8	-0.2	0
5/5/2020 6:06 AM	-0.4	1.1	1.8	-0.2	0
5/5/2020 6:12 AM	-0.4	1	1.8	-0.2	0
5/5/2020 6:18 AM	-0.4	0.9	1.7	-0.2	0
5/5/2020 6:24 AM	-0.4	0.8	1.7	-0.2	0
5/5/2020 6:30 AM	-0.4	0.8	1.6	-0.2	0
5/5/2020 6:36 AM	-0.4	0.8	1.6	-0.2	0
5/5/2020 6:42 AM	-0.4	0.8	1.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/5/2020 6:48 AM	-0.4	0.6	1.7	-0.2	0
5/5/2020 6:54 AM	-0.4	0.4	1.7	-0.2	0
5/5/2020 7:00 AM	-0.4	0.2	1.8	-0.2	0
5/5/2020 7:06 AM	-0.4	0.2	1.9	-0.2	0
5/5/2020 7:12 AM	-0.4	0.2	2.3	-0.2	0
5/5/2020 7:18 AM	-0.4	0.3	2.7	-0.2	0
5/5/2020 7:24 AM	-0.4	0.3	2.4	-0.2	0
5/5/2020 7:30 AM	-0.4	0.2	2.5	-0.2	0
5/5/2020 7:36 AM	-0.4	0	2.6	-0.2	0
5/5/2020 7:42 AM	-0.4	-0.1	2.8	-0.2	0
5/5/2020 7:48 AM	-0.3	-0.1	2.9	-0.2	0
5/5/2020 7:54 AM	-0.3	-0.2	2.9	-0.2	0
5/5/2020 8:00 AM	-0.3	-0.2	2.9	-0.2	0
5/5/2020 8:06 AM	-0.3	-0.2	3	-0.2	0
5/5/2020 8:12 AM	-0.3	-0.1	3.2	-0.2	0
5/5/2020 8:18 AM	-0.3	-0.1	3.3	-0.2	0
5/5/2020 8:24 AM	-0.3	-0.1	3.4	-0.2	0
5/5/2020 8:30 AM	-0.3	-0.1	3.6	-0.2	0
5/5/2020 8:36 AM	-0.3	0	3.7	-0.2	0
5/5/2020 8:42 AM	-0.3	-0.1	3.7	-0.2	0
5/5/2020 8:48 AM	-0.3	0	3.8	-0.2	0
5/5/2020 8:54 AM	-0.2	0	3.9	-0.2	0
5/5/2020 9:00 AM	-0.2	0	4	-0.2	0
5/5/2020 9:06 AM	-0.2	0	3.9	-0.2	0
5/5/2020 9:12 AM	-0.2	0	4	-0.2	0
5/5/2020 9:18 AM	-0.2	0.1	4	-0.2	0
5/5/2020 9:24 AM	-0.2	0.1	3.9	-0.2	0
5/5/2020 9:30 AM	-0.2	0.1	4	-0.2	0
5/5/2020 9:36 AM	-0.2	0.1	4.1	-0.2	0
5/5/2020 9:42 AM	-0.2	0.1	4.2	-0.2	0
5/5/2020 9:48 AM	-0.2	0.1	4.2	-0.2	0
5/5/2020 9:54 AM	-0.2	0	4.2	-0.2	0
5/5/2020 10:00 AM	-0.2	0	4.2	-0.2	0
5/5/2020 10:06 AM	-0.2	0	4.2	-0.2	0
5/5/2020 10:12 AM	-0.2	0	4.3	-0.2	0
5/5/2020 10:18 AM	-0.2	0	4.4	-0.2	0
5/5/2020 10:24 AM	-0.2	0.1	4.5	-0.2	0
5/5/2020 10:30 AM	-0.2	0.1	4.7	-0.2	0
5/5/2020 10:36 AM	-0.2	0.2	4.8	-0.1	0
5/5/2020 10:42 AM	-0.2	0.2	5	-0.1	0
5/5/2020 10:48 AM	-0.2	0.2	5.1	-0.1	0
5/5/2020 10:54 AM	-0.2	0.2	5.1	-0.1	0
5/5/2020 11:00 AM	-0.2	0.2	4.9	-0.1	0
5/5/2020 11:06 AM	-0.2	0.3	4.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/5/2020 11:12 AM	-0.2	0.3	4.5	-0.1	0
5/5/2020 11:18 AM	-0.2	0.3	4.5	-0.1	0
5/5/2020 11:24 AM	-0.2	0.3	4.6	-0.2	0
5/5/2020 11:30 AM	-0.2	0.2	4.8	-0.2	0
5/5/2020 11:36 AM	-0.2	0.1	4.8	-0.2	0
5/5/2020 11:42 AM	-0.2	0.1	4.7	-0.2	0
5/5/2020 11:48 AM	-0.1	0.1	4.7	-0.1	0
5/5/2020 11:54 AM	-0.1	0.1	4.9	-0.1	0
5/5/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/5/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/5/2020 12:12 PM	0.1	-0.1	5.5	-0.2	0
5/5/2020 12:18 PM	0.1	-0.1	5.7	-0.2	0
5/5/2020 12:24 PM	0.1	-0.1	5.7	-0.2	0
5/5/2020 12:30 PM	0.1	0	5.5	-0.2	0
5/5/2020 12:36 PM	0.1	0.2	5.4	-0.2	0
5/5/2020 12:42 PM	0.1	0.3	5.3	-0.2	0
5/5/2020 12:48 PM	0.1	0.5	5.1	-0.2	0
5/5/2020 12:54 PM	0.1	0.7	5.1	-0.2	0
5/5/2020 1:00 PM	0.1	0.8	5	-0.2	0
5/5/2020 1:06 PM	0.1	0.9	4.8	-0.2	0
5/5/2020 1:12 PM	0.1	1	4.6	-0.2	0
5/5/2020 1:18 PM	0.1	1.1	4.5	-0.2	0
5/5/2020 1:24 PM	0.1	1.2	4.5	-0.2	0
5/5/2020 1:30 PM	0.1	1.2	4.5	-0.2	0
5/5/2020 1:36 PM	0.1	1.1	4.5	-0.2	0
5/5/2020 1:42 PM	0.1	1.1	4.5	-0.2	0
5/5/2020 1:48 PM	0.1	1.2	4.4	-0.2	0
5/5/2020 1:54 PM	0.1	1.2	4.3	-0.2	0
5/5/2020 2:00 PM	0.1	1.2	4.3	-0.2	0
5/5/2020 2:06 PM	0.1	1.1	4.3	-0.2	0
5/5/2020 2:12 PM	0.1	1.1	4.4	-0.2	0
5/5/2020 2:18 PM	0.1	1.1	4.5	-0.2	0
5/5/2020 2:24 PM	0.1	1	4.6	-0.2	0
5/5/2020 2:30 PM	0.1	0.8	4.7	-0.2	0
5/5/2020 2:36 PM	0.1	0.7	4.8	-0.2	0
5/5/2020 2:42 PM	0.1	0.5	4.9	-0.2	0.1
5/5/2020 2:48 PM	0.1	0.4	5	-0.2	0.1
5/5/2020 2:54 PM	0.1	0.4	5.1	-0.2	0.1
5/5/2020 3:00 PM	0.1	0.4	5.1	-0.2	0
5/5/2020 3:06 PM	0.1	0.4	4.9	-0.2	0
5/5/2020 3:12 PM	0.1	0.5	4.8	-0.2	0
5/5/2020 3:18 PM	0.1	0.5	4.8	-0.2	0
5/5/2020 3:24 PM	0.1	0.5	4.9	-0.2	0
5/5/2020 3:30 PM	0.2	0.5	5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/5/2020 3:36 PM	0.2	0.4	5.2	-0.2	0
5/5/2020 3:42 PM	0.2	0.4	5.2	-0.2	0
5/5/2020 3:48 PM	0.2	0.5	5.1	-0.2	0
5/5/2020 3:54 PM	0.2	0.5	5	-0.2	0
5/5/2020 4:00 PM	0.2	0.5	5.1	-0.2	0
5/5/2020 4:06 PM	0.2	0.4	5.1	-0.2	0
5/5/2020 4:12 PM	0.1	0.4	5.2	-0.2	0
5/5/2020 4:18 PM	0.1	0.4	5.3	-0.2	0
5/5/2020 4:24 PM	0.2	0.4	5.3	-0.2	0
5/5/2020 4:30 PM	0.2	0.3	5.3	-0.2	0
5/5/2020 4:36 PM	0.2	0.3	5.2	-0.2	0
5/5/2020 4:42 PM	0.2	0.3	5.2	-0.2	0
5/5/2020 4:48 PM	0.2	0.3	5.2	-0.2	0
5/5/2020 4:54 PM	0.2	0.4	5.1	-0.2	0
5/5/2020 5:00 PM	0.2	0.4	5.1	-0.2	0
5/5/2020 5:06 PM	0.2	0.3	5.2	-0.2	0
5/5/2020 5:12 PM	0.2	0.3	5.3	-0.2	0
5/5/2020 5:18 PM	0.2	0.3	5.3	-0.2	0
5/5/2020 5:24 PM	0.2	0.3	5.4	-0.2	0
5/5/2020 5:30 PM	0.2	0.3	5.4	-0.2	0
5/5/2020 5:36 PM	0.2	0.6	5.4	-0.2	0
5/5/2020 5:42 PM	0.2	1	5.5	-0.2	0
5/5/2020 5:48 PM	0.2	1.4	5.5	-0.2	0
5/5/2020 5:54 PM	0.2	1.7	5.5	-0.2	0
5/5/2020 6:00 PM	0.2	1.8	5.6	-0.2	0
5/5/2020 6:06 PM	0.2	1.7	5.6	-0.2	0
5/5/2020 6:12 PM	0.2	1.7	5.5	-0.2	0
5/5/2020 6:18 PM	0.2	1.7	5.6	-0.2	0
5/5/2020 6:24 PM	0.2	1.5	5.6	-0.2	0
5/5/2020 6:30 PM	0.2	1.4	5.5	-0.1	0
5/5/2020 6:36 PM	0.2	1.3	5.6	-0.1	0
5/5/2020 6:42 PM	0.2	1.2	5.7	-0.1	0.1
5/5/2020 6:48 PM	0.2	1.1	5.6	-0.1	0
5/5/2020 6:54 PM	0.1	1.1	5.5	-0.1	0
5/5/2020 7:00 PM	0.1	1.1	5.5	-0.1	0
5/5/2020 7:06 PM	0.1	1.1	5.4	-0.1	0
5/5/2020 7:12 PM	0.1	1.1	5.4	-0.1	0
5/5/2020 7:18 PM	0.1	1.1	5.3	-0.1	0
5/5/2020 7:24 PM	0.1	1.1	5.3	-0.1	0
5/5/2020 7:30 PM	0.1	1.1	5.3	-0.1	0
5/5/2020 7:36 PM	0.1	1	5.3	-0.1	0
5/5/2020 7:42 PM	0.1	1	5.4	-0.1	0
5/5/2020 7:48 PM	0.1	1	5.4	-0.1	0
5/5/2020 7:54 PM	0.1	0.9	5.5	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/5/2020 8:00 PM	0.1	0.9	5.7	-0.1	0
5/5/2020 8:06 PM	0.1	0.8	5.8	-0.1	0
5/5/2020 8:12 PM	0.1	0.8	5.9	-0.1	0
5/5/2020 8:18 PM	0.1	0.7	6	-0.1	0
5/5/2020 8:24 PM	0.1	0.7	6	-0.1	0
5/5/2020 8:30 PM	0.1	0.7	5.9	-0.1	0
5/5/2020 8:36 PM	0.1	0.7	5.9	-0.1	0
5/5/2020 8:42 PM	0.1	0.6	5.9	-0.1	0
5/5/2020 8:48 PM	0.1	0.6	5.8	-0.1	0
5/5/2020 8:54 PM	0.1	0.6	5.7	-0.1	0
5/5/2020 9:00 PM	0.1	0.7	5.7	-0.1	0
5/5/2020 9:06 PM	0.1	0.7	5.6	-0.1	0
5/5/2020 9:12 PM	0.1	0.7	5.5	-0.1	0
5/5/2020 9:18 PM	0.1	0.8	5	-0.1	0
5/5/2020 9:24 PM	0.1	0.9	4.8	-0.1	0
5/5/2020 9:30 PM	0	1	4.8	-0.1	0
5/5/2020 9:36 PM	0	1.1	4.7	-0.1	0
5/5/2020 9:42 PM	0	1.1	4.7	-0.1	0
5/5/2020 9:48 PM	0	1.2	4.7	-0.1	0
5/5/2020 9:54 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:00 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:06 PM	0	1.1	4.6	-0.1	0
5/5/2020 10:12 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:18 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:24 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:30 PM	0	1.1	4.7	-0.1	0
5/5/2020 10:36 PM	0	1.1	4.8	-0.1	0
5/5/2020 10:42 PM	0	1.1	4.9	-0.1	0
5/5/2020 10:48 PM	0	1.1	4.8	-0.1	0
5/5/2020 10:54 PM	0	1.1	4.8	-0.1	0
5/5/2020 11:00 PM	0	1.2	4.8	-0.1	0
5/5/2020 11:06 PM	0	1.2	4.9	-0.1	0
5/5/2020 11:12 PM	0	1.2	4.9	-0.1	0
5/5/2020 11:18 PM	0	1.2	5	-0.1	0
5/5/2020 11:24 PM	0	1.2	5.1	-0.1	0
5/5/2020 11:30 PM	0	1.2	5.1	-0.1	0
5/5/2020 11:36 PM	0	1.2	5.1	-0.1	0
5/5/2020 11:42 PM	0	1.2	5	-0.1	0
5/5/2020 11:48 PM	0	1.2	4.9	-0.1	0
5/5/2020 11:54 PM	0	1.2	5	-0.1	0
5/6/2020 12:00 AM	-0.1	1.2	5.1	-0.1	0
5/6/2020 12:06 AM	-0.1	1.2	5.2	-0.1	0
5/6/2020 12:12 AM	-0.1	1.2	5.2	-0.1	0
5/6/2020 12:18 AM	-0.1	1.2	5.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 12:24 AM	-0.1	1.2	5.1	0	0
5/6/2020 12:30 AM	-0.1	1.2	5.1	-0.1	0
5/6/2020 12:36 AM	-0.1	1.2	5.1	-0.1	0
5/6/2020 12:42 AM	-0.1	1.2	5.1	-0.1	0
5/6/2020 12:48 AM	-0.1	1.2	5	-0.1	0
5/6/2020 12:54 AM	-0.1	1.2	4.6	-0.1	0
5/6/2020 1:00 AM	-0.1	1.2	4.1	-0.1	0
5/6/2020 1:06 AM	-0.1	1.2	3.6	-0.1	0
5/6/2020 1:12 AM	-0.1	1.2	3.2	-0.1	0
5/6/2020 1:18 AM	-0.1	1.2	2.7	-0.1	0
5/6/2020 1:24 AM	-0.1	1.2	2.5	-0.1	0
5/6/2020 1:30 AM	-0.1	1.2	2.4	-0.1	0
5/6/2020 1:36 AM	-0.1	1.2	2.3	-0.1	0
5/6/2020 1:42 AM	-0.1	1.2	2.2	-0.1	0
5/6/2020 1:48 AM	-0.2	1.2	2.2	-0.1	0
5/6/2020 1:54 AM	-0.2	1.2	2.2	-0.1	0
5/6/2020 2:00 AM	-0.2	1.1	2.2	-0.1	0
5/6/2020 2:06 AM	-0.2	1.1	2.2	-0.1	0
5/6/2020 2:12 AM	-0.2	1.1	2.2	-0.1	0
5/6/2020 2:18 AM	-0.2	1.1	2.1	-0.1	0
5/6/2020 2:24 AM	-0.2	1.2	2.1	-0.1	0
5/6/2020 2:30 AM	-0.2	1.2	2.1	-0.1	0
5/6/2020 2:36 AM	-0.2	1.2	2.2	-0.1	0
5/6/2020 2:42 AM	-0.1	1.2	2.2	-0.1	0
5/6/2020 2:48 AM	-0.1	1.3	2.2	-0.1	0
5/6/2020 2:54 AM	-0.1	1.3	2.2	-0.1	0
5/6/2020 3:00 AM	-0.1	1.4	2.2	-0.1	0
5/6/2020 3:06 AM	-0.1	1.5	2.2	-0.1	0
5/6/2020 3:12 AM	-0.1	1.6	2.1	-0.1	0
5/6/2020 3:18 AM	-0.1	1.6	2.1	0	0
5/6/2020 3:24 AM	-0.1	1.6	2.1	-0.1	0
5/6/2020 3:30 AM	-0.1	1.7	2.1	-0.1	0
5/6/2020 3:36 AM	-0.1	1.6	2.1	0	0
5/6/2020 3:42 AM	-0.1	1.6	2.1	0	0
5/6/2020 3:48 AM	-0.2	1.6	2.1	0	0
5/6/2020 3:54 AM	-0.2	1.6	2.1	0	0
5/6/2020 4:00 AM	-0.2	1.6	2.1	0	0
5/6/2020 4:06 AM	-0.2	1.5	2.1	0	0
5/6/2020 4:12 AM	-0.2	1.4	2.1	0	0
5/6/2020 4:18 AM	-0.2	1.4	2.1	0	0
5/6/2020 4:24 AM	-0.2	1.4	2	0	0
5/6/2020 4:30 AM	-0.2	1.4	2.1	0	0
5/6/2020 4:36 AM	-0.2	1.4	2.1	-0.1	0
5/6/2020 4:42 AM	-0.2	1.4	2.2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 4:48 AM	-0.2	1.4	2.5	-0.1	0
5/6/2020 4:54 AM	-0.2	1.4	2.6	-0.1	0
5/6/2020 5:00 AM	-0.2	1.4	2.3	0	0
5/6/2020 5:06 AM	-0.2	1.4	2	-0.1	0
5/6/2020 5:12 AM	-0.2	1.4	2	-0.1	0
5/6/2020 5:18 AM	-0.2	1.4	2	0	0
5/6/2020 5:24 AM	-0.2	1.4	2	0	0
5/6/2020 5:30 AM	-0.2	1.4	2	0	0
5/6/2020 5:36 AM	-0.2	1.4	2	0	0
5/6/2020 5:42 AM	-0.2	1.4	1.9	0	0
5/6/2020 5:48 AM	-0.2	1.4	1.9	0	0
5/6/2020 5:54 AM	-0.2	1.4	1.9	0	0
5/6/2020 6:00 AM	-0.2	1.4	1.9	0	0
5/6/2020 6:06 AM	-0.2	1.4	1.8	0	0
5/6/2020 6:12 AM	-0.2	1.4	1.7	0	0
5/6/2020 6:18 AM	-0.2	1.4	1.8	0	0
5/6/2020 6:24 AM	-0.2	1.4	1.8	0	0
5/6/2020 6:30 AM	-0.2	1.5	1.9	0	0
5/6/2020 6:36 AM	-0.2	1.5	1.9	0	0
5/6/2020 6:42 AM	-0.2	1.5	1.9	0	0
5/6/2020 6:48 AM	-0.2	1.5	2.4	0	0
5/6/2020 6:54 AM	-0.2	1.6	2.7	0	0
5/6/2020 7:00 AM	-0.2	1.6	2.8	0	0
5/6/2020 7:06 AM	-0.2	1.7	2.8	0	0
5/6/2020 7:12 AM	-0.2	1.7	3.1	0	0
5/6/2020 7:18 AM	-0.2	1.7	3.3	0	0
5/6/2020 7:24 AM	-0.2	1.7	3.4	0	0
5/6/2020 7:30 AM	-0.2	1.7	3.3	0	0
5/6/2020 7:36 AM	-0.2	1.8	3.2	-0.1	0
5/6/2020 7:42 AM	-0.2	1.8	3.1	-0.1	0
5/6/2020 7:48 AM	-0.2	1.8	3.3	-0.1	0
5/6/2020 7:54 AM	-0.2	1.9	3.7	-0.1	0
5/6/2020 8:00 AM	-0.2	2.1	3.8	-0.1	0
5/6/2020 8:06 AM	-0.2	2.3	3.8	-0.1	0
5/6/2020 8:12 AM	-0.2	2.4	3.8	-0.1	0
5/6/2020 8:18 AM	-0.2	2.4	3.9	-0.1	0
5/6/2020 8:24 AM	-0.2	2.3	3.9	-0.1	0
5/6/2020 8:30 AM	-0.2	2.2	3.7	-0.1	0
5/6/2020 8:36 AM	-0.2	2.1	3.5	-0.1	0
5/6/2020 8:42 AM	-0.2	1.9	3.5	-0.1	0
5/6/2020 8:48 AM	-0.2	1.8	3.6	-0.1	0
5/6/2020 8:54 AM	-0.2	1.7	3.7	-0.1	0
5/6/2020 9:00 AM	-0.2	1.6	3.8	-0.1	0
5/6/2020 9:06 AM	-0.2	1.6	3.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 9:12 AM	-0.2	1.5	4	-0.1	0
5/6/2020 9:18 AM	-0.2	1.5	3.8	1.1	0
5/6/2020 9:24 AM	-0.2	1.5	3.8	2.4	0
5/6/2020 9:30 AM	-0.2	1.5	3.8	1.6	0
5/6/2020 9:36 AM	-0.2	1.4	3.9	0.6	0
5/6/2020 9:42 AM	-0.2	1.4	4	0.2	0
5/6/2020 9:48 AM	-0.2	1.3	4.1	0	0
5/6/2020 9:54 AM	-0.2	1.3	4.2	0	0
5/6/2020 10:00 AM	-0.2	1.2	4.2	0	0
5/6/2020 10:06 AM	-0.2	1.1	4.2	0	0
5/6/2020 10:12 AM	-0.2	1.1	4.3	-0.1	0
5/6/2020 10:18 AM	-0.2	1	4.4	-0.1	0
5/6/2020 10:24 AM	-0.2	1	4.5	-0.1	0
5/6/2020 10:30 AM	-0.2	1.1	4.4	-0.1	0
5/6/2020 10:36 AM	-0.2	1.1	4.4	-0.1	0
5/6/2020 10:42 AM	-0.2	1.2	4.4	-0.1	0
5/6/2020 10:48 AM	-0.2	1.2	4.4	-0.1	0
5/6/2020 10:54 AM	-0.2	1.3	4.3	-0.1	0
5/6/2020 11:00 AM	-0.2	1.3	4.4	-0.1	0
5/6/2020 11:06 AM	-0.2	1.3	4.5	-0.1	0
5/6/2020 11:12 AM	-0.2	1.3	4.5	-0.1	0
5/6/2020 11:18 AM	-0.2	1.3	4.6	-0.1	0
5/6/2020 11:24 AM	-0.2	1.4	4.7	-0.1	0
5/6/2020 11:30 AM	-0.2	1.5	4.6	-0.1	0
5/6/2020 11:36 AM	-0.2	1.5	4.6	-0.1	0
5/6/2020 11:42 AM	-0.1	1.5	4.6	-0.1	0
5/6/2020 11:48 AM	-0.1	1.5	4.7	-0.1	0
5/6/2020 11:54 AM	-0.1	1.4	4.7	-0.1	0
5/6/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/6/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/6/2020 12:12 PM	-0.1	1	4.9	-0.1	0
5/6/2020 12:18 PM	-0.1	0.8	5	0	0
5/6/2020 12:24 PM	-0.1	0.6	5.1	0	0
5/6/2020 12:30 PM	-0.1	0.6	5.1	0	0
5/6/2020 12:36 PM	-0.1	0.4	5.2	0	0
5/6/2020 12:42 PM	-0.1	0.4	5.1	0	0
5/6/2020 12:48 PM	-0.1	6.1	5	0	0
5/6/2020 12:54 PM	-0.1	14	4.9	0	0
5/6/2020 1:00 PM	-0.1	10.2	4	0	0
5/6/2020 1:06 PM	-0.1	6.3	3.1	0	0
5/6/2020 1:12 PM	-0.1	5.8	2.7	0	0
5/6/2020 1:18 PM	-0.1	4.5	2.5	0	0.2
5/6/2020 1:24 PM	-0.1	3.1	2.3	0	0.9
5/6/2020 1:30 PM	-0.1	2.5	2.2	-0.1	0.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 1:36 PM	-0.1	2.5	2.2	-0.1	0.2
5/6/2020 1:42 PM	-0.1	2.6	2.1	-0.1	0.1
5/6/2020 1:48 PM	-0.1	2.4	2	-0.1	0.1
5/6/2020 1:54 PM	-0.1	2.2	2	-0.1	0.1
5/6/2020 2:00 PM	-0.1	1.8	2	-0.1	0
5/6/2020 2:06 PM	-0.1	1.3	1.9	-0.1	0
5/6/2020 2:12 PM	-0.1	0.9	2	-0.1	0
5/6/2020 2:18 PM	-0.1	0.6	2.2	-0.1	0
5/6/2020 2:24 PM	-0.1	0.5	2.2	0	0
5/6/2020 2:30 PM	-0.1	0.4	2.3	0	0
5/6/2020 2:36 PM	-0.1	0.2	4.1	0	0
5/6/2020 2:42 PM	-0.1	-0.4	4.7	0	0
5/6/2020 2:48 PM	-0.1	-0.8	3.2	0	0
5/6/2020 2:54 PM	-0.1	-0.9	3.2	0	0
5/6/2020 3:00 PM	-0.1	-0.9	3.5	0	0
5/6/2020 3:06 PM	-0.1	-0.9	3.7	0	0
5/6/2020 3:12 PM	-0.1	-0.9	3.8	0	0
5/6/2020 3:18 PM	-0.1	-0.9	4	0	0
5/6/2020 3:24 PM	-0.1	-1	4.1	0	0
5/6/2020 3:30 PM	-0.1	-0.9	4	0	0
5/6/2020 3:36 PM	-0.1	-0.9	3.9	0	0
5/6/2020 3:42 PM	-0.1	-0.9	3.9	0	0
5/6/2020 3:48 PM	-0.1	-1	4	0	0
5/6/2020 3:54 PM	-0.1	-1	4.1	0	0
5/6/2020 4:00 PM	-0.1	-1	4	-0.1	0
5/6/2020 4:06 PM	-0.1	-1	4	-0.1	0
5/6/2020 4:12 PM	-0.1	-0.9	4	-0.1	0
5/6/2020 4:18 PM	-0.1	-1	4	-0.1	0
5/6/2020 4:24 PM	-0.1	-1	4.2	-0.1	0
5/6/2020 4:30 PM	-0.1	-1	4.5	-0.1	0
5/6/2020 4:36 PM	-0.1	-1	4.6	-0.1	0
5/6/2020 4:42 PM	-0.1	-0.9	4.6	-0.1	0
5/6/2020 4:48 PM	-0.1	-0.9	4.6	-0.1	0
5/6/2020 4:54 PM	-0.1	-0.9	4.6	-0.1	0
5/6/2020 5:00 PM	-0.1	-0.9	4.6	-0.1	0
5/6/2020 5:06 PM	-0.1	-0.9	4.7	-0.1	0
5/6/2020 5:12 PM	-0.1	-0.9	4.8	0	0
5/6/2020 5:18 PM	-0.1	-0.9	4.7	0	0
5/6/2020 5:24 PM	-0.1	-0.9	4.6	0	0
5/6/2020 5:30 PM	-0.1	-0.9	4.6	0	0
5/6/2020 5:36 PM	-0.1	-0.9	4.7	0	0
5/6/2020 5:42 PM	-0.1	-0.9	5	0	0
5/6/2020 5:48 PM	-0.1	-0.9	5.2	0	0
5/6/2020 5:54 PM	-0.1	-0.9	5.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 6:00 PM	-0.1	-0.9	5.5	0	0
5/6/2020 6:06 PM	-0.1	4.3	5.1	0	0
5/6/2020 6:12 PM	-0.1	4.2	4.5	0	0
5/6/2020 6:18 PM	-0.1	2.2	4	0	0
5/6/2020 6:24 PM	-0.1	1.5	3.7	0	0
5/6/2020 6:30 PM	-0.1	1	3.4	-0.1	0
5/6/2020 6:36 PM	-0.1	0.7	3.3	-0.1	0
5/6/2020 6:42 PM	-0.1	0.5	3.4	0	0
5/6/2020 6:48 PM	-0.1	0.3	3.4	0	0
5/6/2020 6:54 PM	-0.1	0.2	3.3	0	0
5/6/2020 7:00 PM	-0.2	0.2	3.2	0	0
5/6/2020 7:06 PM	-0.2	0.1	3.1	0	0
5/6/2020 7:12 PM	-0.2	0	2.8	-0.1	0
5/6/2020 7:18 PM	-0.2	0	2.4	0	0
5/6/2020 7:24 PM	-0.2	-0.1	2.2	-0.1	0
5/6/2020 7:30 PM	-0.1	-0.1	2.1	-0.1	0
5/6/2020 7:36 PM	-0.1	-0.1	2.1	-0.1	0
5/6/2020 7:42 PM	-0.1	-0.2	2.1	-0.1	0
5/6/2020 7:48 PM	-0.1	-0.2	2.1	-0.1	0
5/6/2020 7:54 PM	-0.1	-0.2	2.2	-0.1	0
5/6/2020 8:00 PM	-0.1	-0.2	2.2	-0.1	0
5/6/2020 8:06 PM	-0.1	-0.2	2.2	-0.1	0
5/6/2020 8:12 PM	-0.1	-0.2	2.1	-0.1	0
5/6/2020 8:18 PM	-0.1	-0.2	2.1	-0.1	0
5/6/2020 8:24 PM	-0.1	-0.3	2.1	-0.1	0
5/6/2020 8:30 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 8:36 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 8:42 PM	-0.1	-0.3	2.1	-0.1	0
5/6/2020 8:48 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 8:54 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 9:00 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 9:06 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 9:12 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:18 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:24 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:30 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:36 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:42 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:48 PM	-0.1	-0.3	2.2	0	0
5/6/2020 9:54 PM	-0.1	-0.3	2.2	-0.1	0
5/6/2020 10:00 PM	-0.1	-0.3	2.2	0	0
5/6/2020 10:06 PM	-0.1	-0.3	2.2	0	0
5/6/2020 10:12 PM	-0.1	-0.3	2.1	-0.1	0
5/6/2020 10:18 PM	-0.1	-0.3	2.1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/6/2020 10:24 PM	-0.1	-0.3	2.1	-0.1	0
5/6/2020 10:30 PM	-0.1	-0.4	2.8	-0.1	0
5/6/2020 10:36 PM	-0.1	-0.7	3.4	-0.1	0
5/6/2020 10:42 PM	-0.1	-0.7	3.3	-0.1	0
5/6/2020 10:48 PM	-0.1	-0.7	3.5	-0.1	0
5/6/2020 10:54 PM	-0.1	-0.8	3.7	-0.1	0
5/6/2020 11:00 PM	-0.1	-0.9	3.8	-0.1	0
5/6/2020 11:06 PM	-0.1	-0.9	4	-0.1	0
5/6/2020 11:12 PM	-0.1	-0.9	4.2	0	0
5/6/2020 11:18 PM	-0.1	-0.9	4.4	-0.1	0
5/6/2020 11:24 PM	-0.1	-0.9	4.5	-0.1	0
5/6/2020 11:30 PM	-0.1	-1	4.6	-0.1	0
5/6/2020 11:36 PM	-0.1	-0.9	4.8	-0.1	0
5/6/2020 11:42 PM	-0.1	-0.9	4.9	-0.1	0
5/6/2020 11:48 PM	-0.1	-0.9	4.9	0	0
5/6/2020 11:54 PM	-0.1	-0.9	4.4	-0.1	0
5/7/2020 12:00 AM	-0.1	-0.9	3.5	-0.1	0
5/7/2020 12:06 AM	-0.1	-0.9	2.9	-0.1	0
5/7/2020 12:12 AM	-0.1	-0.9	2.7	-0.1	0
5/7/2020 12:18 AM	-0.1	-0.9	2.7	-0.1	0
5/7/2020 12:24 AM	-0.1	-1	2.7	-0.1	0
5/7/2020 12:30 AM	-0.1	-1	2.7	-0.1	0
5/7/2020 12:36 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 12:42 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 12:48 AM	-0.1	-1	2.5	-0.1	0
5/7/2020 12:54 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:00 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:06 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:12 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 1:18 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:24 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:30 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:36 AM	-0.1	-0.9	2.6	-0.1	0
5/7/2020 1:42 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 1:48 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 1:54 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 2:00 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 2:06 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 2:12 AM	-0.1	-0.9	2.5	0	0
5/7/2020 2:18 AM	-0.1	-0.9	2.5	0	0
5/7/2020 2:24 AM	-0.1	-0.9	2.4	0	0
5/7/2020 2:30 AM	-0.1	-0.9	2.4	0	0
5/7/2020 2:36 AM	-0.1	-0.9	2.4	0	0
5/7/2020 2:42 AM	-0.1	-0.9	2.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/7/2020 2:48 AM	-0.1	-0.9	2.4	0	0
5/7/2020 2:54 AM	-0.1	-0.9	2.4	0	0
5/7/2020 3:00 AM	-0.1	-0.8	2.4	0	0
5/7/2020 3:06 AM	-0.1	-0.8	2.4	0	0
5/7/2020 3:12 AM	-0.1	-0.8	2.5	0	0
5/7/2020 3:18 AM	-0.1	-0.8	2.5	0	0
5/7/2020 3:24 AM	-0.1	-0.8	2.5	0	0
5/7/2020 3:30 AM	-0.1	-0.8	2.5	0	0
5/7/2020 3:36 AM	-0.1	-0.8	2.5	-0.1	0
5/7/2020 3:42 AM	-0.1	-0.8	2.5	-0.1	0
5/7/2020 3:48 AM	-0.1	-0.9	2.5	-0.1	0
5/7/2020 3:54 AM	-0.1	-0.8	2.5	-0.1	0
5/7/2020 4:00 AM	-0.1	-0.8	2.8	-0.1	0
5/7/2020 4:06 AM	-0.1	-0.8	2.9	-0.1	0
5/7/2020 4:12 AM	-0.1	-0.8	2.5	-0.1	0
5/7/2020 4:18 AM	-0.1	-0.8	2.2	-0.1	0
5/7/2020 4:24 AM	-0.1	-0.8	2.2	0	0
5/7/2020 4:30 AM	-0.1	-0.8	2.1	0	0
5/7/2020 4:36 AM	-0.1	-0.8	2.2	0	0
5/7/2020 4:42 AM	-0.1	-0.8	2.1	0	0
5/7/2020 4:48 AM	-0.1	-0.8	2.1	0	0
5/7/2020 4:54 AM	-0.1	-0.8	2.1	0	0
5/7/2020 5:00 AM	-0.1	-0.8	2.1	0	0
5/7/2020 5:06 AM	-0.1	-0.8	2.1	0	0
5/7/2020 5:12 AM	-0.1	-0.8	2.1	0	0
5/7/2020 5:18 AM	-0.1	-0.8	2.1	0	0
5/7/2020 5:24 AM	-0.1	-0.8	2	0	0
5/7/2020 5:30 AM	-0.1	-0.8	2	0	0
5/7/2020 5:36 AM	-0.1	-0.8	1.9	0	0
5/7/2020 5:42 AM	-0.1	-0.8	1.9	0	0
5/7/2020 5:48 AM	-0.1	-0.8	1.9	0	0
5/7/2020 5:54 AM	-0.1	-0.8	1.8	0	0
5/7/2020 6:00 AM	-0.2	-0.8	1.8	0	0
5/7/2020 6:06 AM	-0.2	-0.8	1.7	0	0
5/7/2020 6:12 AM	-0.2	-0.8	1.6	0	0
5/7/2020 6:18 AM	-0.2	-0.8	1.6	0	0
5/7/2020 6:24 AM	-0.2	-0.8	1.6	-0.1	0
5/7/2020 6:30 AM	-0.2	-0.8	1.6	-0.1	0
5/7/2020 6:36 AM	-0.2	-0.8	1.7	-0.1	0
5/7/2020 6:42 AM	-0.1	-0.8	1.8	-0.1	0
5/7/2020 6:48 AM	-0.1	-0.8	1.8	-0.1	0
5/7/2020 6:54 AM	-0.1	-0.8	1.8	-0.1	0
5/7/2020 7:00 AM	-0.1	-0.8	1.9	-0.1	0
5/7/2020 7:06 AM	-0.1	-0.8	1.9	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/7/2020 7:12 AM	-0.1	-0.8	2	-0.1	0
5/7/2020 7:18 AM	-0.1	-0.8	2	-0.2	0
5/7/2020 7:24 AM	-0.1	-0.8	2	-0.2	0
5/7/2020 7:30 AM	-0.1	-0.8	2	-0.2	0
5/7/2020 7:36 AM	-0.1	-0.8	2.6	-0.2	0
5/7/2020 7:42 AM	0	-0.8	3.2	-0.2	0
5/7/2020 7:48 AM	0	-0.8	3.2	-0.2	0
5/7/2020 7:54 AM	0	-0.8	3.3	-0.2	0
5/7/2020 8:00 AM	0	-0.8	3.3	-0.2	0
5/7/2020 8:06 AM	0	-0.8	3.4	-0.2	0
5/7/2020 8:12 AM	0	-0.8	3.5	-0.2	0
5/7/2020 8:18 AM	0	-0.8	3.5	-0.2	0
5/7/2020 8:24 AM	0.1	-0.8	3.5	-0.2	0
5/7/2020 8:30 AM	0.1	-0.8	3.5	-0.2	0
5/7/2020 8:36 AM	0.1	-0.8	3.8	-0.2	0
5/7/2020 8:42 AM	0.1	-0.8	4	-0.2	0
5/7/2020 8:48 AM	0.1	-0.8	4	-0.2	0
5/7/2020 8:54 AM	0.2	-0.8	4.2	-0.2	0
5/7/2020 9:00 AM	0.2	-0.8	4.3	-0.2	0
5/7/2020 9:06 AM	0.2	-0.8	4.4	-0.2	0
5/7/2020 9:12 AM	0.2	-0.8	4.3	-0.1	0
5/7/2020 9:18 AM	0.2	-0.8	4.2	-0.1	0.1
5/7/2020 9:24 AM	0.2	-0.7	4.2	-0.1	0.1
5/7/2020 9:30 AM	0.2	-0.7	4.3	-0.1	0.1
5/7/2020 9:36 AM	0.2	-0.7	4.3	-0.1	0.1
5/7/2020 9:42 AM	0.2	-0.7	4.3	-0.1	0.1
5/7/2020 9:48 AM	0.2	-0.7	4.3	-0.1	0.1
5/7/2020 9:54 AM	0.2	-0.7	4.4	-0.1	0.1
5/7/2020 10:00 AM	0.2	-0.7	4.5	-0.1	0.1
5/7/2020 10:06 AM	0.2	-0.7	4.5	-0.1	0.1
5/7/2020 10:12 AM	0.2	-0.7	4.6	-0.1	0.1
5/7/2020 10:18 AM	0.2	-0.7	4.6	-0.1	0.1
5/7/2020 10:24 AM	0.2	-0.7	4.7	-0.1	0.1
5/7/2020 10:30 AM	0.2	-0.7	4.9	-0.1	0.1
5/7/2020 10:36 AM	0.2	-0.7	5	-0.1	0.1
5/7/2020 10:42 AM	0.2	-0.8	5.1	-0.1	10.9
5/7/2020 10:48 AM	0.2	-0.7	5.3	0.4	12.3
5/7/2020 10:54 AM	0.2	-0.7	5.5	15.8	1.5
5/7/2020 11:00 AM	0.2	-0.7	5.3	18.8	0.7
5/7/2020 11:06 AM	0.2	-0.7	4.9	12.2	0.5
5/7/2020 11:12 AM	0.2	-0.7	4.7	7.9	0.4
5/7/2020 11:18 AM	0.2	-0.7	4.5	7.7	0.3
5/7/2020 11:24 AM	0.2	-0.7	4.4	8.2	0.3
5/7/2020 11:30 AM	0.2	-0.7	4.3	6.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/7/2020 11:36 AM	0.2	-0.7	4.1	4.3	0.2
5/7/2020 11:42 AM	0.2	-0.7	3.8	2.7	0.2
5/7/2020 11:48 AM	0.2	-0.7	3.5	2.8	0.2
5/7/2020 11:54 AM	<Samp	-0.7	3.4	3	0.1
5/7/2020 12:00 PM	Maintain	Maintain	Maintain	Maintain	Maintain
5/7/2020 12:06 PM	<Samp	<Samp	<Samp	<Samp	<Samp
5/7/2020 12:12 PM	0.1	-0.7	3.2	3.2	0.1
5/7/2020 12:18 PM	0.1	-0.6	2.9	3.2	0.1
5/7/2020 12:24 PM	0.1	-0.6	2.5	2.9	0.1
5/7/2020 12:30 PM	0.1	-0.6	2.4	2.6	0.1
5/7/2020 12:36 PM	0.1	-0.6	2.4	2.1	0.1
5/7/2020 12:42 PM	0.1	-0.6	2.4	1.6	0.1
5/7/2020 12:48 PM	0.1	-0.6	2.3	1.3	0.1
5/7/2020 12:54 PM	0.1	-0.6	2.3	1.2	0.1
5/7/2020 1:00 PM	0.1	-0.6	2.3	1.1	0.1
5/7/2020 1:06 PM	0.1	-0.6	1.9	0.3	0.1
5/7/2020 1:12 PM	0.1	-0.6	0.8	-0.4	0.1
5/7/2020 1:18 PM	0.1	-0.6	0.3	-0.4	0
5/7/2020 1:24 PM	0.1	-0.6	0.3	3	0
5/7/2020 1:30 PM	0.1	-0.6	0.2	4.7	0.1
5/7/2020 1:36 PM	0.1	-0.6	0.2	2.3	0.1
5/7/2020 1:42 PM	0.1	-0.6	0.3	2	0.1
5/7/2020 1:48 PM	0.1	-0.6	0.1	1.9	0.1
5/7/2020 1:54 PM	0.1	-0.6	0	1.8	0
5/7/2020 2:00 PM	0.1	5.5	0	0.7	0.1
5/7/2020 2:06 PM	0.1	12.8	-0.1	-0.4	0.2
5/7/2020 2:12 PM	0.1	7.2	-0.1	-0.4	0.3
5/7/2020 2:18 PM	0.1	4	-0.1	-0.4	0.2
5/7/2020 2:24 PM	0.1	3.5	-0.1	-0.4	0.1
5/7/2020 2:30 PM	0.1	3	-0.1	-0.4	0.1
5/7/2020 2:36 PM	0.1	2.1	-0.2	-0.4	0.1
5/7/2020 2:42 PM	0.1	1.7	-0.2	-0.4	0.1
5/7/2020 2:48 PM	0.1	1.5	0.5	-0.4	0.1
5/7/2020 2:54 PM	0.1	1.2	7.8	-0.4	0.1
5/7/2020 3:00 PM	0.1	0.4	8.7	-0.4	0.1
5/7/2020 3:06 PM	0.1	0.1	6	-0.4	0.1
5/7/2020 3:12 PM	0.1	0.1	5	-0.4	0
5/7/2020 3:18 PM	0.1	0.1	4.7	-0.4	0
5/7/2020 3:24 PM	0.1	0	4.5	-0.4	0
5/7/2020 3:30 PM	0.1	0	4.3	-0.4	0
5/7/2020 3:36 PM	0.1	0	4.2	-0.4	0
5/7/2020 3:42 PM	0.1	0	4.1	-0.4	0
5/7/2020 3:48 PM	0.1	0	4	-0.4	0
5/7/2020 3:54 PM	0.1	-0.1	3.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/7/2020 4:00 PM	0.1	-0.1	3.6	-0.4	0
5/7/2020 4:06 PM	0.1	-0.1	3.4	-0.4	0
5/7/2020 4:12 PM	0.1	-0.1	3.3	-0.4	0
5/7/2020 4:18 PM	0.1	-0.1	3.3	-0.4	0
5/7/2020 4:24 PM	0.1	-0.1	3.1	-0.4	0
5/7/2020 4:30 PM	0.1	-0.1	3.1	-0.4	0
5/7/2020 4:36 PM	0.1	-0.1	3.2	-0.4	0
5/7/2020 4:42 PM	0.1	-0.1	3.3	-0.4	0
5/7/2020 4:48 PM	0.1	-0.1	3.2	-0.4	0
5/7/2020 4:54 PM	0.1	-0.1	3	-0.4	0
5/7/2020 5:00 PM	0.1	-0.1	2.8	-0.4	0
5/7/2020 5:06 PM	0.1	-0.1	2.7	-0.4	0
5/7/2020 5:12 PM	0.1	-0.1	2.8	4	0
5/7/2020 5:18 PM	0.1	-0.5	2.8	8.3	0
5/7/2020 5:24 PM	0.1	-0.9	2.8	5.9	0
5/7/2020 5:30 PM	0.1	-1.1	2.9	3.2	0
5/7/2020 5:36 PM	0	-1.1	4	1.2	0
5/7/2020 5:42 PM	0	-1.1	4.6	-0.2	0
5/7/2020 5:48 PM	0	-1	4.1	-0.4	0
5/7/2020 5:54 PM	0	-1.1	4	-0.4	0
5/7/2020 6:00 PM	0	-1	4	-0.4	0
5/7/2020 6:06 PM	0	-1	4.2	-0.4	0
5/7/2020 6:12 PM	0	-1	4.3	-0.4	0
5/7/2020 6:18 PM	0	-1.1	4.3	-0.4	0
5/7/2020 6:24 PM	0	-1.1	4.4	-0.4	0
5/7/2020 6:30 PM	0	-1	4.6	-0.4	0
5/7/2020 6:36 PM	0	-1	4.8	-0.4	0
5/7/2020 6:42 PM	0	-1	4.8	-0.4	0
5/7/2020 6:48 PM	0	-1	4.9	-0.4	0
5/7/2020 6:54 PM	0	-1	5	-0.3	0
5/7/2020 7:00 PM	0	-1	5.1	-0.4	0
5/7/2020 7:06 PM	0	-1	5.2	-0.4	0
5/7/2020 7:12 PM	0	-1	5.1	-0.3	0
5/7/2020 7:18 PM	0	-1	5	-0.4	0
5/7/2020 7:24 PM	0	-1	5.1	-0.4	0
5/7/2020 7:30 PM	0	-1	5.1	-0.3	0
5/7/2020 7:36 PM	0	-1	5.1	-0.3	0
5/7/2020 7:42 PM	0	-1	5.1	-0.3	0
5/7/2020 7:48 PM	0	-1	5	-0.3	0
5/7/2020 7:54 PM	0	-1	5	-0.3	0
5/7/2020 8:00 PM	0	-1	5	-0.3	0
5/7/2020 8:06 PM	0	-1	5.1	-0.3	0
5/7/2020 8:12 PM	0	-1	5	-0.3	0
5/7/2020 8:18 PM	0	-1	4.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/7/2020 8:24 PM	0	-1	4.9	-0.3	0
5/7/2020 8:30 PM	0	-1	4.9	-0.3	0
5/7/2020 8:36 PM	0	-1	4.9	-0.3	0
5/7/2020 8:42 PM	0	-1	5	-0.3	0
5/7/2020 8:48 PM	0	-1	5	-0.3	0
5/7/2020 8:54 PM	0	-1	4.9	-0.3	0
5/7/2020 9:00 PM	0	-1	5	-0.3	0
5/7/2020 9:06 PM	0	-1	5	-0.3	0
5/7/2020 9:12 PM	0	-1	5	-0.3	0
5/7/2020 9:18 PM	0	-1	4.9	-0.3	0
5/7/2020 9:24 PM	0	-1	4.9	-0.4	0
5/7/2020 9:30 PM	0	-1	4.9	-0.3	0
5/7/2020 9:36 PM	0	-1	4.7	-0.3	0
5/7/2020 9:42 PM	0	-1	4.7	-0.3	0
5/7/2020 9:48 PM	0	-1	4.7	-0.3	0
5/7/2020 9:54 PM	0	-1	4.6	-0.3	0
5/7/2020 10:00 PM	-0.1	-1	4.6	-0.3	0
5/7/2020 10:06 PM	0	-1	4.6	-0.3	0
5/7/2020 10:12 PM	0	-1	4.7	-0.3	0
5/7/2020 10:18 PM	-0.1	-0.9	5	-0.3	0
5/7/2020 10:24 PM	-0.1	-0.9	5	-0.3	0
5/7/2020 10:30 PM	-0.1	-1	5	-0.3	0
5/7/2020 10:36 PM	-0.1	-1	5	-0.3	0
5/7/2020 10:42 PM	-0.1	-1	5.1	-0.3	0
5/7/2020 10:48 PM	-0.1	-1	5.3	-0.3	0
5/7/2020 10:54 PM	-0.1	-0.9	5.4	-0.3	0
5/7/2020 11:00 PM	-0.1	-1	5.5	-0.3	0
5/7/2020 11:06 PM	-0.1	-1	5.3	-0.3	0
5/7/2020 11:12 PM	-0.1	-1	5.3	-0.3	0
5/7/2020 11:18 PM	-0.1	-1	5.6	-0.3	0
5/7/2020 11:24 PM	-0.1	-0.9	5.6	-0.3	0
5/7/2020 11:30 PM	-0.1	-0.9	5.6	-0.3	0
5/7/2020 11:36 PM	-0.1	-1	5.6	-0.3	0
5/7/2020 11:42 PM	-0.1	-0.9	5.6	-0.3	0
5/7/2020 11:48 PM	-0.1	-0.9	5.6	-0.3	0
5/7/2020 11:54 PM	-0.1	-0.9	5.5	-0.3	0
5/8/2020 12:00 AM	-0.1	-0.9	5.4	-0.3	0
5/8/2020 12:06 AM	-0.1	-0.9	5.3	-0.3	0
5/8/2020 12:12 AM	-0.1	-0.9	5.3	-0.3	0
5/8/2020 12:18 AM	-0.1	-0.9	5.3	-0.3	0
5/8/2020 12:24 AM	-0.1	-0.9	5.2	-0.2	0
5/8/2020 12:30 AM	-0.1	-0.9	5.2	-0.2	0
5/8/2020 12:36 AM	-0.1	-0.9	5.3	-0.2	0
5/8/2020 12:42 AM	-0.1	-0.9	5.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 12:48 AM	-0.2	-0.9	5.4	-0.2	0
5/8/2020 12:54 AM	-0.2	-0.9	5.4	-0.2	0
5/8/2020 1:00 AM	-0.2	-0.9	5.2	-0.2	0
5/8/2020 1:06 AM	-0.2	-0.9	4.4	-0.2	0
5/8/2020 1:12 AM	-0.2	-0.9	3.8	-0.2	0
5/8/2020 1:18 AM	-0.2	-0.9	3.5	-0.2	0
5/8/2020 1:24 AM	-0.2	-0.9	3.4	-0.2	0
5/8/2020 1:30 AM	-0.2	-0.9	3.2	-0.2	0
5/8/2020 1:36 AM	-0.2	-0.9	3.1	-0.2	0
5/8/2020 1:42 AM	-0.2	-0.9	3.1	-0.2	0
5/8/2020 1:48 AM	-0.2	-0.9	2.8	-0.2	0
5/8/2020 1:54 AM	-0.2	-0.9	2.5	-0.2	0
5/8/2020 2:00 AM	-0.2	-0.9	2.4	-0.2	0
5/8/2020 2:06 AM	-0.2	-0.9	2.4	-0.2	0
5/8/2020 2:12 AM	-0.2	-0.9	2.4	-0.2	0
5/8/2020 2:18 AM	-0.2	-0.9	2.4	-0.2	0
5/8/2020 2:24 AM	-0.2	-0.9	2.3	-0.2	0
5/8/2020 2:30 AM	-0.2	-0.9	2.3	-0.2	0
5/8/2020 2:36 AM	-0.2	-0.9	2.2	-0.2	0
5/8/2020 2:42 AM	-0.2	-0.9	2.2	-0.2	0
5/8/2020 2:48 AM	-0.2	-0.9	2.1	-0.2	0
5/8/2020 2:54 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:00 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:06 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:12 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:18 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:24 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:30 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:36 AM	-0.3	-0.9	2.2	-0.2	0
5/8/2020 3:42 AM	-0.3	-0.9	2.2	-0.2	0
5/8/2020 3:48 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 3:54 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 4:00 AM	-0.3	-0.9	2.1	-0.2	0
5/8/2020 4:06 AM	-0.3	-0.9	2	-0.2	0
5/8/2020 4:12 AM	-0.3	-0.9	2	-0.2	0
5/8/2020 4:18 AM	-0.3	-0.9	2	-0.2	0
5/8/2020 4:24 AM	-0.3	-0.8	1.9	-0.2	0
5/8/2020 4:30 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 4:36 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 4:42 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 4:48 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 4:54 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:00 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:06 AM	-0.3	-0.9	1.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 5:12 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:18 AM	-0.3	-0.9	1.8	-0.2	0
5/8/2020 5:24 AM	-0.3	-0.9	1.8	-0.2	0
5/8/2020 5:30 AM	-0.3	-0.9	1.8	-0.2	0
5/8/2020 5:36 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:42 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:48 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 5:54 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:00 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:06 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:12 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:18 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:24 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:30 AM	-0.3	-0.9	1.9	-0.2	0
5/8/2020 6:36 AM	-0.3	-0.9	1.8	-0.2	0
5/8/2020 6:42 AM	-0.3	-0.8	1.8	-0.2	0
5/8/2020 6:48 AM	-0.3	-0.8	1.8	-0.2	0
5/8/2020 6:54 AM	-0.3	-0.9	1.7	-0.2	0
5/8/2020 7:00 AM	-0.3	-0.9	1.7	-0.2	0
5/8/2020 7:06 AM	-0.3	-0.9	1.7	-0.2	0
5/8/2020 7:12 AM	-0.3	-0.9	1.7	-0.2	0
5/8/2020 7:18 AM	-0.3	-0.9	1.7	-0.3	0
5/8/2020 7:24 AM	-0.3	-0.9	1.8	-0.3	0
5/8/2020 7:30 AM	-0.3	-0.9	2.2	-0.3	0
5/8/2020 7:36 AM	-0.3	-0.9	2.5	-0.3	0
5/8/2020 7:42 AM	-0.3	-0.9	2.7	-0.3	0
5/8/2020 7:48 AM	-0.3	-0.9	2.8	-0.3	0
5/8/2020 7:54 AM	-0.2	-0.9	2.8	-0.3	0
5/8/2020 8:00 AM	-0.2	-0.9	2.9	-0.3	0
5/8/2020 8:06 AM	-0.2	-0.9	3.1	-0.2	0
5/8/2020 8:12 AM	-0.2	-0.8	3.2	-0.2	0
5/8/2020 8:18 AM	-0.2	-0.8	3.4	-0.2	0
5/8/2020 8:24 AM	-0.2	-0.8	3.4	-0.2	0
5/8/2020 8:30 AM	-0.2	-0.9	3.5	-0.2	0
5/8/2020 8:36 AM	-0.2	-0.8	3.5	-0.2	0
5/8/2020 8:42 AM	-0.2	-0.8	3.5	-0.2	0
5/8/2020 8:48 AM	-0.2	-0.8	3.6	-0.2	0
5/8/2020 8:54 AM	-0.2	-0.8	3.6	-0.2	0
5/8/2020 9:00 AM	-0.2	-0.8	3.8	-0.2	0
5/8/2020 9:06 AM	-0.2	-0.8	3.8	-0.2	0
5/8/2020 9:12 AM	-0.2	-0.8	3.7	-0.2	0
5/8/2020 9:18 AM	-0.2	-0.8	3.7	6.1	7.8
5/8/2020 9:24 AM	-0.2	-0.8	3.8	15.2	8.7
5/8/2020 9:30 AM	-0.2	-0.8	4	12	0.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 9:36 AM	-0.2	-0.8	4.3	8.6	0.3
5/8/2020 9:42 AM	-0.2	-0.8	4.4	7.7	0.2
5/8/2020 9:48 AM	-0.2	-0.8	4.5	5.7	0.2
5/8/2020 9:54 AM	-0.2	-0.7	4.6	4.3	0.2
5/8/2020 10:00 AM	-0.2	-0.7	4.6	3.7	0.2
5/8/2020 10:06 AM	-0.2	-0.7	4.6	3.2	0.2
5/8/2020 10:12 AM	-0.2	-0.7	4.5	2.7	0.2
5/8/2020 10:18 AM	-0.2	-0.7	4.3	2.3	0.2
5/8/2020 10:24 AM	-0.2	-0.7	3.8	2.4	0.1
5/8/2020 10:30 AM	-0.2	-0.7	3.1	2.4	0.1
5/8/2020 10:36 AM	-0.2	-0.7	2.6	2.4	0.1
5/8/2020 10:42 AM	-0.1	-0.7	2.4	2.5	0.1
5/8/2020 10:48 AM	-0.1	-0.7	2.3	2.4	0.1
5/8/2020 10:54 AM	-0.2	-0.7	2.2	2.4	0
5/8/2020 11:00 AM	-0.2	-0.8	2.2	2.4	0
5/8/2020 11:06 AM	-0.2	-0.8	2.3	2.1	0
5/8/2020 11:12 AM	-0.2	-0.8	2.4	1.9	0
5/8/2020 11:18 AM	-0.2	-0.8	2.4	1.8	0
5/8/2020 11:24 AM	-0.2	-0.8	2.3	1.6	0
5/8/2020 11:30 AM	-0.2	-0.8	2.2	1.6	0
5/8/2020 11:36 AM	-0.2	-0.8	2.2	1.5	0
5/8/2020 11:42 AM	-0.2	-0.8	2.2	1.3	0
5/8/2020 11:48 AM	-0.2	-0.8	2.3	1.3	0
5/8/2020 11:54 AM	-0.2	-0.8	2.3	1.3	0
5/8/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/8/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/8/2020 12:12 PM	0	-0.7	2.1	1.4	0.1
5/8/2020 12:18 PM	0	-0.7	2.2	1.4	0.1
5/8/2020 12:24 PM	0	-0.7	2.1	1.5	0.1
5/8/2020 12:30 PM	0	-0.7	2.1	1.5	0.1
5/8/2020 12:36 PM	0	-0.7	2	1.4	0.1
5/8/2020 12:42 PM	-0.1	-0.7	2.1	1.3	0.1
5/8/2020 12:48 PM	-0.1	4.4	2.1	1.3	0.1
5/8/2020 12:54 PM	-0.1	6.1	2	1.3	0.1
5/8/2020 1:00 PM	-0.1	1.3	1.9	1.4	0.1
5/8/2020 1:06 PM	-0.1	0	2.1	1.3	0.1
5/8/2020 1:12 PM	-0.1	-0.4	2.2	1.4	0
5/8/2020 1:18 PM	-0.1	-0.6	2.4	1.4	0.1
5/8/2020 1:24 PM	-0.1	-0.7	2.5	1.4	0.1
5/8/2020 1:30 PM	-0.1	-0.7	2.6	1.4	0.1
5/8/2020 1:36 PM	-0.1	-0.7	2.7	1.5	0.1
5/8/2020 1:42 PM	-0.1	-0.7	2.7	1.5	0
5/8/2020 1:48 PM	-0.1	-0.7	2.7	1.4	0
5/8/2020 1:54 PM	-0.1	-0.7	2.6	1.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 2:00 PM	-0.1	-0.7	2.5	1.5	0
5/8/2020 2:06 PM	-0.1	-0.6	2.5	1.4	9.2
5/8/2020 2:12 PM	-0.1	-0.6	2.8	1.4	12.6
5/8/2020 2:18 PM	-0.1	-0.7	3	1.4	3.9
5/8/2020 2:24 PM	-0.1	-0.6	3	1.4	1.6
5/8/2020 2:30 PM	-0.1	-0.6	3	1.4	0.8
5/8/2020 2:36 PM	-0.1	-0.6	2.9	1.4	0.4
5/8/2020 2:42 PM	-0.1	-0.6	2.9	1.4	6.2
5/8/2020 2:48 PM	-0.1	-0.6	3.1	1.4	9.3
5/8/2020 2:54 PM	-0.1	-0.6	3.2	1.3	3.2
5/8/2020 3:00 PM	-0.1	-0.6	3.3	1.3	1.2
5/8/2020 3:06 PM	-0.1	-0.6	3.4	1.4	0.6
5/8/2020 3:12 PM	-0.1	-0.6	3.5	1.4	0.4
5/8/2020 3:18 PM	-0.1	-0.6	3.6	1.3	0.3
5/8/2020 3:24 PM	-0.1	-0.6	3.5	1.3	0.2
5/8/2020 3:30 PM	-0.1	-0.6	3.3	1.2	8.8
5/8/2020 3:36 PM	-0.1	-0.6	3.3	1.3	10
5/8/2020 3:42 PM	-0.1	-0.6	3.1	1.3	1.4
5/8/2020 3:48 PM	-0.1	-0.5	2.8	1.3	0.6
5/8/2020 3:54 PM	-0.1	-0.5	2.8	1.2	0.3
5/8/2020 4:00 PM	-0.1	-0.5	2.9	1.2	0.2
5/8/2020 4:06 PM	-0.1	-0.5	2.9	1.1	0.1
5/8/2020 4:12 PM	-0.1	-0.5	2.8	1.2	0.1
5/8/2020 4:18 PM	-0.2	-0.5	2.6	1.2	0.1
5/8/2020 4:24 PM	-0.2	-0.4	2.4	1.1	0.1
5/8/2020 4:30 PM	-0.2	-0.4	2.3	1.1	0.1
5/8/2020 4:36 PM	-0.2	-0.4	2.6	1.1	0.1
5/8/2020 4:42 PM	-0.2	-0.4	3	1.1	0
5/8/2020 4:48 PM	-0.2	-0.4	2.8	1.2	0
5/8/2020 4:54 PM	-0.2	-0.4	2.5	1.2	0
5/8/2020 5:00 PM	-0.2	-0.3	2.5	1.2	0
5/8/2020 5:06 PM	-0.2	-0.4	2.5	1.2	0
5/8/2020 5:12 PM	-0.2	-0.4	2.5	1.2	0
5/8/2020 5:18 PM	-0.2	-0.4	2.3	1.3	0
5/8/2020 5:24 PM	-0.2	-0.4	2.3	1.3	0
5/8/2020 5:30 PM	-0.2	-0.3	2.2	1.2	0
5/8/2020 5:36 PM	-0.2	-0.3	2.1	1.2	0
5/8/2020 5:42 PM	-0.2	-0.3	2	1.1	0
5/8/2020 5:48 PM	-0.2	-0.2	2	1.2	0
5/8/2020 5:54 PM	-0.2	-0.2	1.9	1.2	0
5/8/2020 6:00 PM	-0.2	-0.2	2	1.2	0
5/8/2020 6:06 PM	-0.2	-0.2	2.1	1.2	0
5/8/2020 6:12 PM	-0.2	-0.2	2	1.2	0
5/8/2020 6:18 PM	-0.2	-0.2	2	1.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 6:24 PM	-0.2	-0.1	2	1.3	0
5/8/2020 6:30 PM	-0.2	-0.1	2	1.3	0
5/8/2020 6:36 PM	-0.2	-0.1	2.8	1.4	0
5/8/2020 6:42 PM	-0.2	-0.1	3.4	1.4	0
5/8/2020 6:48 PM	-0.2	0	3	1.3	0
5/8/2020 6:54 PM	-0.2	0	2.8	1.3	0
5/8/2020 7:00 PM	-0.2	0	2.8	1.3	0
5/8/2020 7:06 PM	-0.2	0	2.8	1.3	0
5/8/2020 7:12 PM	-0.2	0	2.6	1.4	0
5/8/2020 7:18 PM	-0.2	0	3.1	1.4	0
5/8/2020 7:24 PM	-0.2	0	3.8	1.5	0
5/8/2020 7:30 PM	-0.2	0	3.6	1.5	0
5/8/2020 7:36 PM	-0.2	0	3.7	1.6	0
5/8/2020 7:42 PM	-0.2	0	3.5	1.7	0
5/8/2020 7:48 PM	-0.2	0	3.3	2.7	0
5/8/2020 7:54 PM	-0.2	-0.1	3.5	4.3	0
5/8/2020 8:00 PM	-0.2	0	3.7	5.5	0
5/8/2020 8:06 PM	-0.2	0	4.1	6.7	0
5/8/2020 8:12 PM	-0.2	0	4.4	7.5	0
5/8/2020 8:18 PM	-0.2	0	4.4	7.6	0
5/8/2020 8:24 PM	-0.2	0	4.5	7.3	0
5/8/2020 8:30 PM	-0.2	8.8	4.6	7.2	0
5/8/2020 8:36 PM	-0.2	11.7	4.8	7.2	0
5/8/2020 8:42 PM	-0.2	5.8	5	7.5	0
5/8/2020 8:48 PM	-0.2	4.3	5.2	8	0
5/8/2020 8:54 PM	-0.2	2.6	5.3	8.2	0.1
5/8/2020 9:00 PM	-0.2	2	5.5	8.1	0
5/8/2020 9:06 PM	-0.2	1.9	5.6	8.4	0
5/8/2020 9:12 PM	-0.2	2.3	5.6	8.8	0
5/8/2020 9:18 PM	-0.2	2.4	5.6	8.8	0
5/8/2020 9:24 PM	-0.2	2.3	5.6	8.7	0
5/8/2020 9:30 PM	-0.2	1.8	5.6	8.5	0
5/8/2020 9:36 PM	-0.2	1.6	5.7	8	0
5/8/2020 9:42 PM	-0.2	1.7	5.7	7.5	0
5/8/2020 9:48 PM	-0.2	1.3	5.6	7	0
5/8/2020 9:54 PM	-0.2	0.9	5.5	7.2	0
5/8/2020 10:00 PM	-0.2	0.6	5.3	7.4	0
5/8/2020 10:06 PM	-0.2	0.4	5.3	6.4	0
5/8/2020 10:12 PM	-0.2	0.3	5.5	5.3	0
5/8/2020 10:18 PM	-0.2	0.2	5.6	5.4	0
5/8/2020 10:24 PM	-0.2	0.2	5.4	5.5	0
5/8/2020 10:30 PM	-0.2	0.2	5.4	5.4	0
5/8/2020 10:36 PM	-0.2	0.2	5.6	5.4	0
5/8/2020 10:42 PM	-0.2	0.1	5.7	5.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/8/2020 10:48 PM	-0.2	0	5.8	5.3	0
5/8/2020 10:54 PM	-0.2	-0.2	5.7	6.1	0
5/8/2020 11:00 PM	-0.3	-0.7	5.6	7.3	0
5/8/2020 11:06 PM	-0.3	-1	5.6	7	0
5/8/2020 11:12 PM	-0.3	-0.9	5.6	6.9	0
5/8/2020 11:18 PM	-0.3	-0.9	5.5	6.9	0
5/8/2020 11:24 PM	-0.3	-0.9	5.4	6.7	0
5/8/2020 11:30 PM	-0.4	-0.9	5.3	6.8	0
5/8/2020 11:36 PM	-0.4	-0.9	5.5	7.1	0
5/8/2020 11:42 PM	-0.4	-0.9	5.8	7.3	0
5/8/2020 11:48 PM	-0.4	-0.9	5.9	7.4	0
5/8/2020 11:54 PM	-0.4	-0.9	6	7.3	0
5/9/2020 12:00 AM	-0.4	-0.9	6.1	7	0
5/9/2020 12:06 AM	-0.5	-1	6.1	7	0
5/9/2020 12:12 AM	-0.5	-0.9	6	7.2	0
5/9/2020 12:18 AM	-0.5	-0.9	5.9	7.2	0
5/9/2020 12:24 AM	-0.5	-0.9	6	7.2	0
5/9/2020 12:30 AM	-0.5	-1	6	7.3	0
5/9/2020 12:36 AM	-0.5	-1	5.9	7.2	0
5/9/2020 12:42 AM	-0.5	-0.9	5.6	7.2	0
5/9/2020 12:48 AM	-0.5	-0.9	5.3	7.1	0
5/9/2020 12:54 AM	-0.5	-0.9	5.1	7	0
5/9/2020 1:00 AM	-0.5	-0.9	5	7.1	0
5/9/2020 1:06 AM	-0.6	-0.9	4.9	6.8	0
5/9/2020 1:12 AM	-0.6	-0.9	4.6	6.4	0
5/9/2020 1:18 AM	-0.5	-0.9	4.5	6.4	0
5/9/2020 1:24 AM	-0.5	-0.9	4.4	6.5	0
5/9/2020 1:30 AM	-0.6	-1	4.4	6.9	0
5/9/2020 1:36 AM	-0.5	-1	4.4	7.1	0
5/9/2020 1:42 AM	-0.5	-0.9	4.3	7	0
5/9/2020 1:48 AM	-0.5	-0.9	4.1	4.7	0
5/9/2020 1:54 AM	-0.5	-1	4.1	1.5	0
5/9/2020 2:00 AM	-0.5	-1	4.2	1.3	0
5/9/2020 2:06 AM	-0.5	-1	4.2	1.4	0
5/9/2020 2:12 AM	-0.5	-0.9	4.2	1.5	0
5/9/2020 2:18 AM	-0.5	-0.9	4.2	1.5	0
5/9/2020 2:24 AM	-0.5	-0.9	4.2	1.4	0
5/9/2020 2:30 AM	-0.5	-1	4.3	0.8	0
5/9/2020 2:36 AM	-0.5	-1	4.4	0.1	0
5/9/2020 2:42 AM	-0.5	-0.9	4.4	-0.1	0
5/9/2020 2:48 AM	-0.5	-0.9	4.4	-0.1	0
5/9/2020 2:54 AM	-0.5	-1	4.5	-0.1	0
5/9/2020 3:00 AM	-0.5	-1	4.5	-0.1	0
5/9/2020 3:06 AM	-0.5	-0.9	4.5	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/9/2020 3:12 AM	-0.5	-0.9	4	-0.1	0
5/9/2020 3:18 AM	-0.5	-0.9	3.4	-0.1	0
5/9/2020 3:24 AM	-0.5	-0.9	3.1	-0.1	0
5/9/2020 3:30 AM	-0.5	-0.9	2.9	-0.1	0
5/9/2020 3:36 AM	-0.5	-1	2.7	-0.1	0
5/9/2020 3:42 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 3:48 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 3:54 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 4:00 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 4:06 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 4:12 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 4:18 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 4:24 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 4:30 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 4:36 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 4:42 AM	-0.6	-0.9	2.5	-0.1	0
5/9/2020 4:48 AM	-0.6	-0.9	2.4	-0.1	0
5/9/2020 4:54 AM	-0.6	-0.9	2.4	-0.1	0
5/9/2020 5:00 AM	-0.6	-0.9	2.4	-0.1	0
5/9/2020 5:06 AM	-0.6	-0.9	2.4	-0.1	0
5/9/2020 5:12 AM	-0.6	-1	2.3	-0.1	0
5/9/2020 5:18 AM	-0.6	-0.9	2.1	-0.1	0
5/9/2020 5:24 AM	-0.6	-0.9	2.1	-0.1	0
5/9/2020 5:30 AM	-0.6	-0.9	2.3	-0.1	0
5/9/2020 5:36 AM	-0.6	-1	2.5	-0.1	0
5/9/2020 5:42 AM	-0.6	-1	2.5	-0.1	0
5/9/2020 5:48 AM	-0.6	-0.9	2.3	-0.1	0
5/9/2020 5:54 AM	-0.6	-1	2.4	-0.1	0
5/9/2020 6:00 AM	-0.6	-1	2.6	-0.1	0
5/9/2020 6:06 AM	-0.6	-1	2.6	-0.1	0
5/9/2020 6:12 AM	-0.6	-1	2.6	-0.1	0
5/9/2020 6:18 AM	-0.6	-1	2.5	-0.1	0
5/9/2020 6:24 AM	-0.6	-1	2.4	-0.1	0
5/9/2020 6:30 AM	-0.6	-1	2.5	-0.1	0
5/9/2020 6:36 AM	-0.6	-1	2.7	-0.1	0
5/9/2020 6:42 AM	-0.6	-1	2.8	-0.1	0
5/9/2020 6:48 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 6:54 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 7:00 AM	-0.5	-1	2.7	-0.1	0
5/9/2020 7:06 AM	-0.5	-1	2.7	-0.1	0
5/9/2020 7:12 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 7:18 AM	-0.5	-1	2.9	-0.1	0
5/9/2020 7:24 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 7:30 AM	-0.5	-1	2.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/9/2020 7:36 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 7:42 AM	-0.5	-1	2.8	-0.1	0
5/9/2020 7:48 AM	-0.5	-1	2.7	-0.1	0
5/9/2020 7:54 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 8:00 AM	-0.5	-0.9	2.6	-0.2	0
5/9/2020 8:06 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 8:12 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 8:18 AM	-0.5	-0.9	2.6	-0.1	0
5/9/2020 8:24 AM	-0.5	-0.9	2.5	-0.1	0
5/9/2020 8:30 AM	-0.4	-0.9	2.5	-0.1	0
5/9/2020 8:36 AM	-0.4	-0.9	2.6	-0.1	0
5/9/2020 8:42 AM	-0.4	-1	2.9	-0.1	0
5/9/2020 8:48 AM	-0.4	-0.9	3.1	-0.1	1.1
5/9/2020 8:54 AM	-0.4	-0.9	3.2	-0.1	9.4
5/9/2020 9:00 AM	-0.4	-0.9	3.2	-0.1	4.9
5/9/2020 9:06 AM	-0.4	-0.9	3.5	-0.1	0.5
5/9/2020 9:12 AM	-0.4	-0.9	3.7	-0.1	0.1
5/9/2020 9:18 AM	-0.4	-0.9	3.6	-0.1	0.1
5/9/2020 9:24 AM	-0.4	-0.9	3.7	-0.1	0.2
5/9/2020 9:30 AM	-0.4	-0.9	3.8	-0.1	0.3
5/9/2020 9:36 AM	-0.3	-0.9	3.9	-0.1	0.4
5/9/2020 9:42 AM	-0.3	-0.9	4	-0.1	0.3
5/9/2020 9:48 AM	-0.3	-0.9	4.1	-0.1	0.2
5/9/2020 9:54 AM	-0.3	-0.9	4.2	-0.1	0.2
5/9/2020 10:00 AM	-0.3	-0.8	4.2	-0.1	0.1
5/9/2020 10:06 AM	-0.3	-0.8	4.3	-0.1	0.1
5/9/2020 10:12 AM	-0.3	-0.8	4.4	-0.1	0.1
5/9/2020 10:18 AM	-0.3	-0.8	4.5	-0.1	0.1
5/9/2020 10:24 AM	-0.3	-0.8	4.6	-0.1	0
5/9/2020 10:30 AM	-0.3	-0.8	4.8	-0.2	0
5/9/2020 10:36 AM	-0.3	-0.8	4.9	-0.1	0
5/9/2020 10:42 AM	-0.3	-0.8	5.1	-0.1	0
5/9/2020 10:48 AM	-0.3	-0.8	5.2	-0.1	0
5/9/2020 10:54 AM	-0.3	-0.8	5.2	-0.1	0
5/9/2020 11:00 AM	-0.3	-0.8	5.2	-0.1	0
5/9/2020 11:06 AM	-0.3	-0.8	5.2	-0.1	0
5/9/2020 11:12 AM	-0.3	-0.8	5.1	-0.1	0
5/9/2020 11:18 AM	-0.3	-0.8	5.1	-0.1	0
5/9/2020 11:24 AM	-0.3	-0.8	5.1	-0.1	0
5/9/2020 11:30 AM	-0.3	-0.8	5	-0.1	0
5/9/2020 11:36 AM	-0.3	-0.8	5	-0.2	0
5/9/2020 11:42 AM	-0.3	-0.8	4.9	-0.1	0
5/9/2020 11:48 AM	-0.3	-0.8	4.9	-0.1	0
5/9/2020 11:54 AM	-0.3	-0.7	5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/9/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/9/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/9/2020 12:12 PM	-0.1	-0.9	5.1	-0.2	0
5/9/2020 12:18 PM	-0.1	-0.9	5.1	4.1	0
5/9/2020 12:24 PM	-0.1	-0.9	4.8	9.4	0
5/9/2020 12:30 PM	-0.1	-0.9	3.8	6.7	0
5/9/2020 12:36 PM	-0.1	-0.9	3	4.2	0
5/9/2020 12:42 PM	-0.1	-0.8	2.6	3.6	0
5/9/2020 12:48 PM	-0.1	-0.8	2.5	3.5	0
5/9/2020 12:54 PM	-0.1	-0.8	2.5	3.4	0
5/9/2020 1:00 PM	-0.1	-0.8	2.4	3.4	0
5/9/2020 1:06 PM	-0.1	-0.8	2.4	3.6	0
5/9/2020 1:12 PM	-0.1	-0.8	2.5	3.6	0
5/9/2020 1:18 PM	-0.1	-0.8	2.5	3.7	0
5/9/2020 1:24 PM	-0.1	-0.7	2.6	3.7	0
5/9/2020 1:30 PM	-0.1	-0.7	2.6	3.7	0
5/9/2020 1:36 PM	-0.1	-0.7	2.6	3.6	0
5/9/2020 1:42 PM	-0.1	-0.7	2.6	3.5	0
5/9/2020 1:48 PM	-0.1	-0.7	2.6	3.3	0
5/9/2020 1:54 PM	-0.1	-0.7	2.6	3.1	0
5/9/2020 2:00 PM	-0.1	-0.7	2.6	3	0
5/9/2020 2:06 PM	-0.1	-0.7	2.6	2.9	0
5/9/2020 2:12 PM	-0.1	-0.7	2.6	2.8	0
5/9/2020 2:18 PM	-0.1	-0.7	2.6	2.6	0
5/9/2020 2:24 PM	-0.1	-0.7	2.7	2.5	0
5/9/2020 2:30 PM	-0.1	-0.7	2.7	2.4	0
5/9/2020 2:36 PM	-0.1	-0.7	2.6	2.2	0
5/9/2020 2:42 PM	-0.1	-0.7	2.5	2	0
5/9/2020 2:48 PM	-0.1	-0.7	2.5	1.9	0
5/9/2020 2:54 PM	-0.1	-0.7	2.5	1.5	0
5/9/2020 3:00 PM	-0.1	-0.6	2.3	1.4	0
5/9/2020 3:06 PM	-0.1	-0.6	2.3	1.5	0
5/9/2020 3:12 PM	-0.1	-0.6	2.3	1.5	0
5/9/2020 3:18 PM	-0.1	-0.7	2.3	1.5	0
5/9/2020 3:24 PM	-0.1	-0.6	2.4	1.5	0
5/9/2020 3:30 PM	-0.1	-0.6	2.4	1.5	0
5/9/2020 3:36 PM	-0.1	-0.5	2.3	1.4	0
5/9/2020 3:42 PM	-0.1	-0.5	2.3	1.5	0
5/9/2020 3:48 PM	-0.1	-0.4	2.3	1.5	0
5/9/2020 3:54 PM	-0.1	-0.4	2.3	1.4	0
5/9/2020 4:00 PM	-0.1	-0.4	2.3	1.5	0
5/9/2020 4:06 PM	-0.1	-0.5	2.2	1.5	0
5/9/2020 4:12 PM	-0.1	-0.6	2.2	1.5	0
5/9/2020 4:18 PM	-0.1	-0.6	2.3	1.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/9/2020 4:24 PM	-0.1	-0.6	2.2	1.8	0
5/9/2020 4:30 PM	-0.1	-0.5	2.1	1.8	0
5/9/2020 4:36 PM	-0.1	-0.5	2.2	1.8	0
5/9/2020 4:42 PM	-0.2	-0.4	2.2	1.8	0
5/9/2020 4:48 PM	-0.2	-0.4	2.2	1.8	0
5/9/2020 4:54 PM	-0.2	-0.5	2.1	1.8	0
5/9/2020 5:00 PM	-0.2	-0.6	2.1	1.8	0
5/9/2020 5:06 PM	-0.2	-0.5	2.1	1.8	17
5/9/2020 5:12 PM	-0.2	-0.5	2.1	1.8	24.1
5/9/2020 5:18 PM	-0.2	-0.5	2.2	1.8	19.2
5/9/2020 5:24 PM	-0.2	-0.5	2.1	1.9	13.7
5/9/2020 5:30 PM	-0.2	-0.5	2.1	2	8.9
5/9/2020 5:36 PM	-0.2	-0.5	2.1	2	2.1
5/9/2020 5:42 PM	-0.2	-0.5	2.1	2	0.8
5/9/2020 5:48 PM	-0.2	-0.5	2.1	1.9	0.3
5/9/2020 5:54 PM	-0.2	-0.5	2.1	1.9	0.2
5/9/2020 6:00 PM	-0.2	-0.5	2.1	1.9	0.1
5/9/2020 6:06 PM	-0.2	-0.6	2.2	2	0.1
5/9/2020 6:12 PM	-0.2	-0.6	2.1	1.9	0.1
5/9/2020 6:18 PM	-0.2	-0.6	2.2	1.9	0
5/9/2020 6:24 PM	-0.2	-0.6	2.2	1.8	0
5/9/2020 6:30 PM	-0.2	-0.6	2.1	1.8	0
5/9/2020 6:36 PM	-0.2	-0.6	2.1	1.7	0
5/9/2020 6:42 PM	-0.2	-0.6	2.1	1.7	0
5/9/2020 6:48 PM	-0.2	-0.6	2.1	1.6	0
5/9/2020 6:54 PM	-0.2	-0.6	2.2	1.6	0
5/9/2020 7:00 PM	-0.2	-0.6	2.2	1.6	0
5/9/2020 7:06 PM	-0.2	-0.6	2.2	1.7	0
5/9/2020 7:12 PM	-0.2	-0.6	2.2	1.8	0
5/9/2020 7:18 PM	-0.2	-0.6	2.2	1.8	0
5/9/2020 7:24 PM	-0.2	-0.6	2.1	1.7	0
5/9/2020 7:30 PM	-0.2	-0.5	2.3	1.3	0
5/9/2020 7:36 PM	-0.2	-0.6	2.8	0.3	0
5/9/2020 7:42 PM	-0.2	-0.6	3.3	-0.1	0
5/9/2020 7:48 PM	-0.2	-0.6	3.4	-0.1	0
5/9/2020 7:54 PM	-0.2	-0.6	3.5	-0.2	0
5/9/2020 8:00 PM	-0.2	-0.5	3.5	-0.2	0
5/9/2020 8:06 PM	-0.2	-0.5	3.5	-0.2	0
5/9/2020 8:12 PM	-0.2	-0.5	3.5	-0.2	0
5/9/2020 8:18 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 8:24 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 8:30 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 8:36 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 8:42 PM	-0.2	-0.5	3.2	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/9/2020 8:48 PM	-0.2	-0.5	3.2	-0.2	0
5/9/2020 8:54 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 9:00 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 9:06 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:12 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:18 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:24 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:30 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:36 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 9:42 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 9:48 PM	-0.2	-0.5	3.3	-0.2	0
5/9/2020 9:54 PM	-0.2	-0.5	3.4	-0.2	0
5/9/2020 10:00 PM	-0.2	-0.5	3.6	-0.2	0
5/9/2020 10:06 PM	-0.2	-0.5	3.9	-0.2	0
5/9/2020 10:12 PM	-0.2	-0.5	4.2	-0.1	0
5/9/2020 10:18 PM	-0.2	-0.4	4.4	-0.2	0
5/9/2020 10:24 PM	-0.2	-0.4	4.5	-0.2	0
5/9/2020 10:30 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 10:36 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 10:42 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 10:48 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 10:54 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:00 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:06 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:12 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:18 PM	-0.2	-0.4	4.7	-0.2	0
5/9/2020 11:24 PM	-0.2	-0.4	4.7	-0.2	0
5/9/2020 11:30 PM	-0.2	-0.4	4.7	-0.2	0
5/9/2020 11:36 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:42 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:48 PM	-0.2	-0.4	4.6	-0.2	0
5/9/2020 11:54 PM	-0.2	-0.4	4.6	-0.2	0
5/10/2020 12:00 AM	-0.2	-0.4	4.6	-0.2	0
5/10/2020 12:06 AM	-0.2	-0.4	4.5	-0.2	0
5/10/2020 12:12 AM	-0.2	-0.4	4.4	-0.2	0
5/10/2020 12:18 AM	-0.2	-0.4	4.5	-0.2	0
5/10/2020 12:24 AM	-0.2	-0.4	4.5	-0.1	0
5/10/2020 12:30 AM	-0.2	-0.4	4.4	-0.2	0
5/10/2020 12:36 AM	-0.2	-0.4	4.4	-0.2	0
5/10/2020 12:42 AM	-0.2	-0.4	4.5	-0.2	0
5/10/2020 12:48 AM	-0.3	-0.4	4.6	-0.1	0
5/10/2020 12:54 AM	-0.3	-0.4	4.5	-0.1	0
5/10/2020 1:00 AM	-0.3	-0.4	4.3	-0.1	0
5/10/2020 1:06 AM	-0.3	-0.4	4.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 1:12 AM	-0.3	-0.4	4.3	-0.2	0
5/10/2020 1:18 AM	-0.3	-0.4	4.3	-0.1	0
5/10/2020 1:24 AM	-0.3	-0.4	4.4	-0.2	0
5/10/2020 1:30 AM	-0.3	-0.3	4.4	-0.1	0
5/10/2020 1:36 AM	-0.3	-0.3	4.4	-0.1	0
5/10/2020 1:42 AM	-0.3	-0.3	4.4	-0.1	0
5/10/2020 1:48 AM	-0.3	-0.3	4.4	-0.2	0
5/10/2020 1:54 AM	-0.3	-0.3	4.5	-0.1	0
5/10/2020 2:00 AM	-0.3	-0.3	4.6	-0.1	0
5/10/2020 2:06 AM	-0.3	-0.3	4.6	-0.2	0
5/10/2020 2:12 AM	-0.3	-0.3	4.6	-0.1	0
5/10/2020 2:18 AM	-0.3	-0.3	4.6	-0.1	0
5/10/2020 2:24 AM	-0.3	-0.3	4.6	-0.2	0
5/10/2020 2:30 AM	-0.3	-0.3	4.5	-0.2	0
5/10/2020 2:36 AM	-0.3	-0.3	4.6	-0.1	0
5/10/2020 2:42 AM	-0.3	-0.3	4.5	-0.1	0
5/10/2020 2:48 AM	-0.3	-0.3	4.3	-0.2	0
5/10/2020 2:54 AM	-0.3	-0.3	4.2	-0.1	0
5/10/2020 3:00 AM	-0.3	-0.3	4.2	-0.1	0
5/10/2020 3:06 AM	-0.3	-0.3	4.1	-0.1	0
5/10/2020 3:12 AM	-0.3	-0.3	4	-0.1	0
5/10/2020 3:18 AM	-0.3	-0.3	3.9	-0.1	0
5/10/2020 3:24 AM	-0.3	-0.3	3.9	-0.1	0
5/10/2020 3:30 AM	-0.3	-0.2	3.9	-0.1	0
5/10/2020 3:36 AM	-0.3	-0.2	3.8	-0.1	0
5/10/2020 3:42 AM	-0.3	-0.3	3.8	-0.1	0
5/10/2020 3:48 AM	-0.3	-0.3	3.7	-0.1	0
5/10/2020 3:54 AM	-0.3	-0.3	3.7	-0.1	0
5/10/2020 4:00 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:06 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:12 AM	-0.3	-0.2	3.7	-0.1	0
5/10/2020 4:18 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:24 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:30 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:36 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:42 AM	-0.3	-0.2	3.6	-0.1	0
5/10/2020 4:48 AM	-0.3	-0.2	3.5	-0.1	0
5/10/2020 4:54 AM	-0.3	-0.2	3.5	-0.1	0
5/10/2020 5:00 AM	-0.3	-0.1	3.5	-0.1	0
5/10/2020 5:06 AM	-0.3	-0.1	3.4	-0.1	0
5/10/2020 5:12 AM	-0.3	0	3.3	-0.1	0
5/10/2020 5:18 AM	-0.3	0.2	3.1	-0.1	0
5/10/2020 5:24 AM	-0.3	0.3	2.8	-0.1	0
5/10/2020 5:30 AM	-0.3	0.3	2.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 5:36 AM	-0.3	0.3	2.6	-0.1	0
5/10/2020 5:42 AM	-0.3	0.3	2.6	-0.1	0
5/10/2020 5:48 AM	-0.3	0.3	2.7	-0.1	0
5/10/2020 5:54 AM	-0.3	0.3	2.7	-0.1	0
5/10/2020 6:00 AM	-0.3	0.2	2.7	-0.1	0
5/10/2020 6:06 AM	-0.3	0.1	2.8	-0.1	0
5/10/2020 6:12 AM	-0.3	0.1	2.8	-0.2	0
5/10/2020 6:18 AM	-0.3	0.1	2.7	-0.2	0
5/10/2020 6:24 AM	-0.3	0.1	2.6	-0.2	0
5/10/2020 6:30 AM	-0.3	0.2	2.6	-0.2	0
5/10/2020 6:36 AM	-0.3	0.2	2.6	-0.2	0
5/10/2020 6:42 AM	-0.3	0.1	2.6	-0.2	0
5/10/2020 6:48 AM	-0.3	-0.1	2.7	-0.2	0
5/10/2020 6:54 AM	-0.3	-0.1	2.7	-0.2	0
5/10/2020 7:00 AM	-0.3	0	2.6	-0.2	0
5/10/2020 7:06 AM	-0.3	0	2.6	-0.2	0
5/10/2020 7:12 AM	-0.3	-0.1	2.6	-0.2	0
5/10/2020 7:18 AM	-0.2	-0.2	2.6	-0.2	0
5/10/2020 7:24 AM	-0.2	-0.2	2.7	-0.3	0
5/10/2020 7:30 AM	-0.2	-0.3	2.7	-0.3	0
5/10/2020 7:36 AM	-0.2	-0.3	2.7	-0.3	0
5/10/2020 7:42 AM	-0.2	-0.4	2.8	-0.3	0
5/10/2020 7:48 AM	-0.2	-0.4	2.9	-0.3	0
5/10/2020 7:54 AM	-0.2	-0.4	2.9	-0.2	0
5/10/2020 8:00 AM	-0.1	-0.4	3	-0.2	0
5/10/2020 8:06 AM	-0.1	-0.4	3	-0.2	0
5/10/2020 8:12 AM	-0.1	-0.3	3.1	-0.2	0
5/10/2020 8:18 AM	-0.1	-0.3	3.1	-0.2	0
5/10/2020 8:24 AM	-0.1	-0.3	3.1	-0.3	0
5/10/2020 8:30 AM	-0.1	-0.3	3.1	-0.3	0
5/10/2020 8:36 AM	0	-0.3	3.1	-0.3	0
5/10/2020 8:42 AM	0	-0.3	3.1	-0.3	0
5/10/2020 8:48 AM	0	-0.2	3	-0.3	0
5/10/2020 8:54 AM	0	-0.1	3	-0.3	0
5/10/2020 9:00 AM	0	0.1	3	-0.3	0
5/10/2020 9:06 AM	0	0	3.1	-0.2	0
5/10/2020 9:12 AM	0	0	3.1	-0.2	0
5/10/2020 9:18 AM	0	0	3.1	-0.2	0
5/10/2020 9:24 AM	0	0.1	3.2	-0.2	0
5/10/2020 9:30 AM	0.1	0	3.4	-0.2	0
5/10/2020 9:36 AM	0.1	0.1	3.5	-0.2	0
5/10/2020 9:42 AM	0.1	0.1	3.7	-0.2	0
5/10/2020 9:48 AM	0.1	0.1	3.8	-0.2	0
5/10/2020 9:54 AM	0.1	0.1	4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 10:00 AM	0.1	0	4.1	-0.2	0
5/10/2020 10:06 AM	0.1	0	4	-0.2	0
5/10/2020 10:12 AM	0.1	-0.1	3.9	-0.2	0
5/10/2020 10:18 AM	0.1	-0.1	4	-0.2	0
5/10/2020 10:24 AM	0.1	-0.1	4.1	-0.2	0
5/10/2020 10:30 AM	0.1	0	4.2	-0.2	0
5/10/2020 10:36 AM	0.1	0.1	4.3	-0.2	0
5/10/2020 10:42 AM	0.1	0.1	4.4	-0.2	0
5/10/2020 10:48 AM	0.1	0.2	4.6	-0.2	0
5/10/2020 10:54 AM	0.1	0.2	4.7	-0.2	0
5/10/2020 11:00 AM	0.1	0.2	4.8	-0.2	0
5/10/2020 11:06 AM	0.1	0.2	4.8	-0.2	0
5/10/2020 11:12 AM	0.2	0.3	4.7	-0.2	0
5/10/2020 11:18 AM	0.2	0.4	4.7	-0.2	0
5/10/2020 11:24 AM	0.2	0.4	4.7	-0.2	0
5/10/2020 11:30 AM	0.2	0.3	4.8	-0.2	0
5/10/2020 11:36 AM	0.2	0.2	4.8	-0.2	0
5/10/2020 11:42 AM	0.2	0.2	4.9	-0.2	0
5/10/2020 11:48 AM	0.2	0.3	4.9	-0.2	0
5/10/2020 11:54 AM	0.2	0.3	5.1	-0.2	0
5/10/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/10/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/10/2020 12:12 PM	0	0.1	5.2	-0.2	0
5/10/2020 12:18 PM	0	0.1	5.2	-0.2	0
5/10/2020 12:24 PM	0	0.1	5.2	-0.2	0
5/10/2020 12:30 PM	0	0.2	5.1	-0.2	0
5/10/2020 12:36 PM	0	0.3	5	-0.2	0
5/10/2020 12:42 PM	0	0.4	4.9	-0.2	0
5/10/2020 12:48 PM	0	0.4	4.9	-0.2	0
5/10/2020 12:54 PM	0	0.4	4.9	3.4	0
5/10/2020 1:00 PM	0	0.3	4.8	11.5	0
5/10/2020 1:06 PM	0	0.3	4.1	10.3	0
5/10/2020 1:12 PM	0	0.3	3.4	7.1	0
5/10/2020 1:18 PM	0	2.2	3.4	6.4	0
5/10/2020 1:24 PM	0	27.5	3.5	2.3	0
5/10/2020 1:30 PM	0	23	3.6	-0.2	0
5/10/2020 1:36 PM	0	9.1	3.7	-0.4	0
5/10/2020 1:42 PM	0	7.9	3.6	-0.4	0
5/10/2020 1:48 PM	0	4.4	3.6	-0.4	0
5/10/2020 1:54 PM	0	2.5	3.6	-0.4	0
5/10/2020 2:00 PM	0	2.2	3.5	-0.4	0
5/10/2020 2:06 PM	0	2.2	3.5	-0.4	0
5/10/2020 2:12 PM	0	2.1	3.4	-0.4	0
5/10/2020 2:18 PM	0	2	3.4	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 2:24 PM	0	1.7	3.3	-0.4	0
5/10/2020 2:30 PM	0	1.4	3.3	-0.4	0
5/10/2020 2:36 PM	0	1	3.3	-0.4	0
5/10/2020 2:42 PM	0	0.7	3.2	-0.4	0
5/10/2020 2:48 PM	0	0.5	3.2	-0.4	0
5/10/2020 2:54 PM	0	0.4	3.2	-0.4	0
5/10/2020 3:00 PM	0	0.3	3.2	-0.4	0
5/10/2020 3:06 PM	0	0.2	3.2	-0.4	0
5/10/2020 3:12 PM	0	0.1	3.2	-0.4	0
5/10/2020 3:18 PM	0	0	3.2	-0.4	0
5/10/2020 3:24 PM	0	0	3.1	-0.4	0
5/10/2020 3:30 PM	0	0	3	-0.4	0
5/10/2020 3:36 PM	0	-0.1	2.8	-0.4	0
5/10/2020 3:42 PM	0	-0.1	2.6	-0.4	0
5/10/2020 3:48 PM	0	-0.2	2.6	-0.4	0
5/10/2020 3:54 PM	0	-0.2	2.5	-0.4	0
5/10/2020 4:00 PM	0	-0.2	2.5	-0.4	0
5/10/2020 4:06 PM	0	-0.2	2.5	-0.4	0
5/10/2020 4:12 PM	0	-0.2	2.5	-0.4	0
5/10/2020 4:18 PM	0	-0.3	2.6	-0.3	0
5/10/2020 4:24 PM	0	-0.3	2.6	-0.3	0
5/10/2020 4:30 PM	0	-0.3	2.7	-0.3	0
5/10/2020 4:36 PM	0	-0.6	3.1	-0.3	0
5/10/2020 4:42 PM	0	-1	3.4	-0.3	0
5/10/2020 4:48 PM	0	-1.1	3.4	-0.3	0
5/10/2020 4:54 PM	0	-1.1	3.5	-0.3	0
5/10/2020 5:00 PM	0	-1.1	3.6	-0.3	0
5/10/2020 5:06 PM	0	-1.2	3.7	-0.3	0
5/10/2020 5:12 PM	0	-1.2	3.8	-0.3	0
5/10/2020 5:18 PM	0	-1.2	3.9	-0.3	0
5/10/2020 5:24 PM	0	-1.2	4	-0.3	0
5/10/2020 5:30 PM	0	-1.2	4.1	-0.3	0
5/10/2020 5:36 PM	0	-1.2	4.1	-0.3	0
5/10/2020 5:42 PM	0	-1.1	4.1	-0.3	0
5/10/2020 5:48 PM	0	-1.1	4.2	-0.3	0
5/10/2020 5:54 PM	0	-1.1	4.3	-0.3	0
5/10/2020 6:00 PM	0	-1.1	4.4	-0.3	0
5/10/2020 6:06 PM	0	-1.1	4.3	-0.3	0
5/10/2020 6:12 PM	0	-1.1	4.4	-0.3	0
5/10/2020 6:18 PM	0	-1.1	4.5	-0.3	0
5/10/2020 6:24 PM	0	-1.1	4.5	-0.2	0
5/10/2020 6:30 PM	0	-1.1	4.5	-0.2	0
5/10/2020 6:36 PM	0	-1.1	4.4	-0.2	0
5/10/2020 6:42 PM	0	-1.1	4.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 6:48 PM	0	-1.1	4.4	-0.2	0
5/10/2020 6:54 PM	0	-1.1	4.4	-0.2	0
5/10/2020 7:00 PM	0	-1.1	4.4	-0.2	0
5/10/2020 7:06 PM	0	-1.1	4.5	-0.2	11.6
5/10/2020 7:12 PM	0	-1.1	4.5	-0.2	19.8
5/10/2020 7:18 PM	0	-1	4.6	-0.2	10.1
5/10/2020 7:24 PM	0	-1	4.6	-0.2	2.3
5/10/2020 7:30 PM	0	-1.1	4.6	-0.2	1
5/10/2020 7:36 PM	0	-1.1	4.5	-0.2	0.5
5/10/2020 7:42 PM	0	-1.1	4.4	-0.2	0.3
5/10/2020 7:48 PM	0	-1.1	4.4	-0.2	0.2
5/10/2020 7:54 PM	-0.1	-1.1	4.4	-0.2	0.1
5/10/2020 8:00 PM	0	-1	4.4	-0.2	0.1
5/10/2020 8:06 PM	-0.1	-1	4.4	-0.2	0.1
5/10/2020 8:12 PM	-0.1	-1.1	4.4	-0.2	0
5/10/2020 8:18 PM	-0.1	-1	4.4	-0.2	0
5/10/2020 8:24 PM	-0.1	-1	4.4	-0.2	0
5/10/2020 8:30 PM	-0.1	-1	4.4	-0.2	0
5/10/2020 8:36 PM	-0.1	-1	4.4	-0.2	0
5/10/2020 8:42 PM	-0.1	-1.1	4.3	-0.2	0
5/10/2020 8:48 PM	-0.1	-1	4.2	-0.2	0
5/10/2020 8:54 PM	-0.1	-1	4.2	-0.2	0
5/10/2020 9:00 PM	-0.1	-1	4.2	-0.2	0
5/10/2020 9:06 PM	-0.1	-1.1	4.2	-0.2	0
5/10/2020 9:12 PM	-0.1	-1.1	4.2	-0.2	0
5/10/2020 9:18 PM	-0.1	-1.1	4.3	-0.2	0
5/10/2020 9:24 PM	-0.1	-1	4.3	-0.2	7.3
5/10/2020 9:30 PM	-0.1	-1	4.2	-0.2	10.8
5/10/2020 9:36 PM	-0.1	-1	4.2	-0.2	3.5
5/10/2020 9:42 PM	-0.1	-1	4.2	-0.2	1.3
5/10/2020 9:48 PM	-0.1	-1	4.2	-0.2	0.5
5/10/2020 9:54 PM	-0.1	-1	4.2	-0.2	0.2
5/10/2020 10:00 PM	-0.1	-1	4.3	-0.2	0.1
5/10/2020 10:06 PM	-0.1	-1.1	4.3	-0.2	0.1
5/10/2020 10:12 PM	-0.2	-1	4.3	-0.2	0.1
5/10/2020 10:18 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:24 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:30 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:36 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:42 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:48 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 10:54 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 11:00 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 11:06 PM	-0.2	-1	4.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/10/2020 11:12 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 11:18 PM	-0.2	-1	4.3	-0.2	0
5/10/2020 11:24 PM	-0.2	-1	4.3	-0.1	0
5/10/2020 11:30 PM	-0.2	-1	4.3	-0.1	0
5/10/2020 11:36 PM	-0.2	-1	4.3	-0.1	0
5/10/2020 11:42 PM	-0.2	-1	4.3	-0.1	0
5/10/2020 11:48 PM	-0.2	-1	4.3	-0.1	0
5/10/2020 11:54 PM	-0.2	-1	4.3	-0.1	0
5/11/2020 12:00 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:06 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:12 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:18 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:24 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:30 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:36 AM	-0.2	-1	4.3	-0.1	0
5/11/2020 12:42 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:48 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 12:54 AM	-0.2	-1	4.4	-0.1	0
5/11/2020 1:00 AM	-0.2	3.2	4	-0.1	6.9
5/11/2020 1:06 AM	-0.2	9.2	3.2	-0.1	9.4
5/11/2020 1:12 AM	-0.2	6.4	2.7	-0.1	2.9
5/11/2020 1:18 AM	-0.2	1.6	2.5	-0.1	1.3
5/11/2020 1:24 AM	-0.2	-0.4	2.4	-0.1	0.5
5/11/2020 1:30 AM	-0.2	-0.8	2.4	-0.1	0.3
5/11/2020 1:36 AM	-0.2	-0.9	2.3	-0.1	0.2
5/11/2020 1:42 AM	-0.2	-0.9	2.3	-0.1	0.1
5/11/2020 1:48 AM	-0.2	-1	2.2	-0.1	0.1
5/11/2020 1:54 AM	-0.2	-1	2.2	-0.1	0.1
5/11/2020 2:00 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 2:06 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 2:12 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 2:18 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 2:24 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 2:30 AM	-0.2	-1	2.2	-0.1	0
5/11/2020 2:36 AM	-0.2	-0.9	2.1	-0.1	0
5/11/2020 2:42 AM	-0.2	-0.9	2.1	-0.1	0
5/11/2020 2:48 AM	-0.2	-0.9	2.1	-0.1	0
5/11/2020 2:54 AM	-0.2	-1	2.2	-0.1	0
5/11/2020 3:00 AM	-0.3	-0.9	2.2	-0.1	0
5/11/2020 3:06 AM	-0.2	-0.9	2.1	-0.1	0
5/11/2020 3:12 AM	-0.2	-0.9	2.1	-0.1	0
5/11/2020 3:18 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 3:24 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 3:30 AM	-0.2	-0.9	2.2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/11/2020 3:36 AM	-0.2	-0.9	2.2	-0.1	0
5/11/2020 3:42 AM	-0.2	-0.9	2.3	-0.1	0
5/11/2020 3:48 AM	-0.2	-0.9	2.5	-0.1	0
5/11/2020 3:54 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:00 AM	-0.2	-0.9	2.7	-0.1	0
5/11/2020 4:06 AM	-0.2	-0.9	2.7	-0.1	0
5/11/2020 4:12 AM	-0.2	-0.9	2.7	-0.1	0
5/11/2020 4:18 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:24 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:30 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:36 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:42 AM	-0.2	-0.9	2.6	-0.1	0
5/11/2020 4:48 AM	-0.2	-0.9	2.7	3.6	0
5/11/2020 4:54 AM	-0.2	-0.9	2.7	9.8	0
5/11/2020 5:00 AM	-0.2	-0.9	2.8	4.4	0
5/11/2020 5:06 AM	-0.2	-0.8	2.8	1	0
5/11/2020 5:12 AM	-0.2	-0.8	2.8	0.4	0
5/11/2020 5:18 AM	-0.2	-0.8	2.8	0.1	0
5/11/2020 5:24 AM	-0.2	-0.8	2.6	0	0
5/11/2020 5:30 AM	-0.2	-0.8	2.4	-0.1	0
5/11/2020 5:36 AM	-0.2	-0.8	2.4	-0.1	0
5/11/2020 5:42 AM	-0.2	-0.8	2.3	-0.1	0
5/11/2020 5:48 AM	-0.2	-0.7	2.2	-0.1	0
5/11/2020 5:54 AM	-0.2	-0.8	2.3	-0.2	0
5/11/2020 6:00 AM	-0.2	-0.8	2.4	-0.2	0
5/11/2020 6:06 AM	-0.2	-0.8	2.5	-0.2	0
5/11/2020 6:12 AM	-0.2	-0.8	2.6	-0.2	0
5/11/2020 6:18 AM	-0.2	-0.8	2.4	-0.2	0
5/11/2020 6:24 AM	-0.2	-0.7	2.3	-0.2	0
5/11/2020 6:30 AM	-0.2	-0.8	2.4	-0.2	0
5/11/2020 6:36 AM	-0.2	-0.8	2.5	-0.2	0
5/11/2020 6:42 AM	-0.2	-0.8	2.5	-0.2	0
5/11/2020 6:48 AM	-0.2	-0.8	2.6	-0.2	0
5/11/2020 6:54 AM	-0.2	-0.8	2.7	-0.2	0
5/11/2020 7:00 AM	-0.2	-0.8	2.7	-0.2	0
5/11/2020 7:06 AM	-0.2	-0.8	2.9	-0.2	0
5/11/2020 7:12 AM	-0.2	-0.7	3.1	-0.2	0
5/11/2020 7:18 AM	-0.2	-0.7	3.2	-0.2	0
5/11/2020 7:24 AM	-0.2	-0.8	3.3	-0.2	0
5/11/2020 7:30 AM	-0.2	-0.8	3.4	-0.2	0
5/11/2020 7:36 AM	-0.2	-0.7	3.4	-0.2	0
5/11/2020 7:42 AM	-0.2	-0.7	3.4	-0.2	0
5/11/2020 7:48 AM	-0.2	-0.7	3.5	-0.2	0
5/11/2020 7:54 AM	-0.2	-0.7	3.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/11/2020 8:00 AM	-0.2	-0.7	3.6	-0.1	0
5/11/2020 8:06 AM	-0.2	-0.7	3.6	-0.1	0
5/11/2020 8:12 AM	-0.2	-0.7	3.4	-0.1	0
5/11/2020 8:18 AM	-0.2	-0.7	3	-0.1	0
5/11/2020 8:24 AM	-0.2	-0.6	2.7	-0.1	0
5/11/2020 8:30 AM	-0.2	-0.6	2.8	0	0
5/11/2020 8:36 AM	-0.2	-0.5	2.8	0	0
5/11/2020 8:42 AM	-0.2	-0.4	2.7	-0.1	0
5/11/2020 8:48 AM	-0.2	-0.4	2.8	-0.1	5.2
5/11/2020 8:54 AM	-0.2	-0.4	2.9	-0.1	25.2
5/11/2020 9:00 AM	-0.2	-0.4	1.6	-0.1	25.6
5/11/2020 9:06 AM	-0.2	-0.4	0.5	-0.1	12.5
5/11/2020 9:12 AM	-0.2	-0.5	0.3	-0.1	8.7
5/11/2020 9:18 AM	-0.2	-0.5	0.3	-0.1	6.7
5/11/2020 9:24 AM	-0.2	-0.5	0.2	-0.2	5.9
5/11/2020 9:30 AM	-0.2	-0.5	0.1	-0.2	5.6
5/11/2020 9:36 AM	-0.2	-0.6	0	-0.2	5.6
5/11/2020 9:42 AM	-0.2	-0.6	0	-0.2	5.6
5/11/2020 9:48 AM	-0.2	-0.6	-0.1	-0.2	5.7
5/11/2020 9:54 AM	-0.2	-0.6	-0.2	-0.2	5.9
5/11/2020 10:00 AM	-0.2	-0.5	-0.2	-0.2	6.1
5/11/2020 10:06 AM	-0.2	-0.5	-0.2	-0.2	5.9
5/11/2020 10:12 AM	-0.2	-0.5	-0.2	-0.2	5.6
5/11/2020 10:18 AM	-0.2	-0.5	8.9	-0.2	4
5/11/2020 10:24 AM	-0.2	-0.4	7.7	-0.2	2
5/11/2020 10:30 AM	-0.1	-0.4	3	-0.2	1.7
5/11/2020 10:36 AM	-0.1	-0.4	2.9	-0.2	1.8
5/11/2020 10:42 AM	-0.1	-0.4	2.9	-0.2	1.8
5/11/2020 10:48 AM	-0.1	-0.4	2.9	-0.2	1.9
5/11/2020 10:54 AM	-0.1	-0.3	3	-0.2	1.9
5/11/2020 11:00 AM	-0.1	-0.3	3.1	-0.2	2
5/11/2020 11:06 AM	-0.1	-0.4	3.2	-0.2	2
5/11/2020 11:12 AM	-0.1	-0.5	3.2	-0.2	2
5/11/2020 11:18 AM	-0.1	-0.5	3.2	-0.2	2
5/11/2020 11:24 AM	-0.1	-0.4	3.2	-0.2	2
5/11/2020 11:30 AM	-0.1	-0.4	3.2	-0.2	2
5/11/2020 11:36 AM	-0.1	-0.3	3.1	-0.2	1.9
5/11/2020 11:42 AM	-0.1	-0.3	3	-0.2	1.9
5/11/2020 11:48 AM	-0.1	-0.3	2.8	-0.2	2
5/11/2020 11:54 AM	-0.1	-0.2	2.6	-0.2	2
5/11/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/11/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/11/2020 12:12 PM	-0.1	-0.3	2.4	-0.2	1.9
5/11/2020 12:18 PM	-0.1	-0.3	2.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/11/2020 12:24 PM	-0.1	-0.3	2.2	-0.2	1.9
5/11/2020 12:30 PM	-0.1	-0.4	2.2	-0.2	2
5/11/2020 12:36 PM	-0.1	-0.4	2.2	-0.2	2
5/11/2020 12:42 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 12:48 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 12:54 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 1:00 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 1:06 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 1:12 PM	-0.1	-0.4	2.2	-0.2	2
5/11/2020 1:18 PM	-0.1	-0.4	2.2	-0.2	2
5/11/2020 1:24 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 1:30 PM	-0.1	-0.4	2.1	-0.2	2
5/11/2020 1:36 PM	-0.1	-0.3	2	-0.2	2
5/11/2020 1:42 PM	-0.1	-0.3	2	-0.2	2
5/11/2020 1:48 PM	-0.1	-0.3	2.1	-0.2	2
5/11/2020 1:54 PM	-0.1	-0.4	2.2	-0.2	2
5/11/2020 2:00 PM	0	-0.4	2.1	-0.2	2
5/11/2020 2:06 PM	0	-0.4	2.1	-0.2	2
5/11/2020 2:12 PM	0	-0.4	2.1	-0.2	2
5/11/2020 2:18 PM	0	-0.4	2.1	-0.3	2
5/11/2020 2:24 PM	0	-0.4	2.1	-0.2	2
5/11/2020 2:30 PM	0	-0.4	2.1	-0.2	2
5/11/2020 2:36 PM	0	-0.3	2.1	-0.2	2
5/11/2020 2:42 PM	0	-0.4	2	-0.2	1.9
5/11/2020 2:48 PM	0	-0.5	1.9	-0.1	1.9
5/11/2020 2:54 PM	-0.1	-0.5	2	-0.1	1.9
5/11/2020 3:00 PM	-0.1	-0.5	2.1	-0.1	1.9
5/11/2020 3:06 PM	-0.1	-0.5	2.2	-0.1	1.9
5/11/2020 3:12 PM	-0.1	-0.5	2.2	-0.1	1.9
5/11/2020 3:18 PM	-0.2	-0.5	2.3	-0.2	1.9
5/11/2020 3:24 PM	-0.2	-0.5	2.3	-0.2	1.9
5/11/2020 3:30 PM	-0.2	-0.4	2.3	-0.2	1.9
5/11/2020 3:36 PM	-0.2	-0.4	2.3	-0.2	1.9
5/11/2020 3:42 PM	-0.2	-0.3	2.2	-0.2	1.9
5/11/2020 3:48 PM	-0.2	-0.2	2.2	-0.2	1.9
5/11/2020 3:54 PM	-0.1	-0.1	2.1	-0.2	1.9
5/11/2020 4:00 PM	-0.1	-0.1	2.2	-0.2	2
5/11/2020 4:06 PM	-0.2	-0.2	2.2	-0.1	2
5/11/2020 4:12 PM	-0.2	-0.4	2.2	-0.1	2
5/11/2020 4:18 PM	-0.2	-0.5	2	0	2
5/11/2020 4:24 PM	-0.2	-0.5	2	0	2
5/11/2020 4:30 PM	-0.2	-0.5	2	0	2
5/11/2020 4:36 PM	-0.3	-0.5	1.9	0	1.9
5/11/2020 4:42 PM	-0.3	-0.5	2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/11/2020 4:48 PM	-0.3	-0.4	2.1	-0.1	1.9
5/11/2020 4:54 PM	-0.3	-0.4	2.2	-0.1	1.9
5/11/2020 5:00 PM	-0.3	-0.3	2.2	-0.1	1.9
5/11/2020 5:06 PM	-0.3	-0.2	2.2	-0.1	1.9
5/11/2020 5:12 PM	-0.3	-0.2	2.2	-0.1	1.9
5/11/2020 5:18 PM	-0.3	-0.2	2.2	-0.1	1.9
5/11/2020 5:24 PM	-0.3	0.1	2.2	-0.1	1.9
5/11/2020 5:30 PM	-0.3	0.3	2.2	-0.1	2
5/11/2020 5:36 PM	-0.3	0.3	2.2	-0.1	1.9
5/11/2020 5:42 PM	-0.3	0.1	2.1	-0.1	1.9
5/11/2020 5:48 PM	-0.3	-0.1	2	-0.1	1.9
5/11/2020 5:54 PM	-0.3	-0.2	2	-0.1	1.9
5/11/2020 6:00 PM	-0.3	-0.2	2	-0.1	1.9
5/11/2020 6:06 PM	-0.3	-0.3	2.1	-0.1	1.9
5/11/2020 6:12 PM	-0.3	-0.3	2.1	-0.1	1.9
5/11/2020 6:18 PM	-0.3	-0.4	2.1	-0.1	2
5/11/2020 6:24 PM	-0.3	-0.4	2.2	-0.1	2
5/11/2020 6:30 PM	-0.3	-0.3	2.2	-0.1	2
5/11/2020 6:36 PM	-0.3	-0.4	2.2	-0.1	2
5/11/2020 6:42 PM	-0.3	-0.3	2.1	-0.1	1.9
5/11/2020 6:48 PM	-0.3	-0.3	2.1	-0.1	2
5/11/2020 6:54 PM	-0.3	-0.2	2.1	-0.1	1.9
5/11/2020 7:00 PM	-0.3	-0.2	2.2	-0.1	1.9
5/11/2020 7:06 PM	-0.3	-0.2	2.6	-0.1	1.9
5/11/2020 7:12 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 7:18 PM	-0.3	-0.2	3	-0.1	1.9
5/11/2020 7:24 PM	-0.3	-0.2	3.1	-0.1	1.9
5/11/2020 7:30 PM	-0.3	-0.2	3	-0.1	1.9
5/11/2020 7:36 PM	-0.3	-0.2	3	-0.1	1.9
5/11/2020 7:42 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 7:48 PM	-0.3	-0.2	2.9	-0.1	1.8
5/11/2020 7:54 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:00 PM	-0.3	-0.2	2.9	-0.1	1.8
5/11/2020 8:06 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:12 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:18 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:24 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:30 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:36 PM	-0.3	-0.2	2.9	-0.1	1.9
5/11/2020 8:42 PM	-0.3	-0.1	2.9	-0.1	1.9
5/11/2020 8:48 PM	-0.3	-0.1	2.9	-0.1	1.9
5/11/2020 8:54 PM	-0.3	-0.1	2.9	-0.1	1.8
5/11/2020 9:00 PM	-0.3	-0.2	2.9	-0.1	1.8
5/11/2020 9:06 PM	-0.3	-0.2	3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/11/2020 9:12 PM	-0.3	-0.1	3	-0.1	1.8
5/11/2020 9:18 PM	-0.3	-0.1	2.9	-0.1	1.8
5/11/2020 9:24 PM	-0.3	-0.2	2.8	-0.1	1.8
5/11/2020 9:30 PM	-0.4	-0.2	2.7	-0.1	1.8
5/11/2020 9:36 PM	-0.4	-0.2	2.7	0	1.8
5/11/2020 9:42 PM	-0.4	-0.2	2.7	0	1.8
5/11/2020 9:48 PM	-0.4	-0.2	2.7	0	1.8
5/11/2020 9:54 PM	-0.4	-0.2	2.7	-0.1	1.8
5/11/2020 10:00 PM	-0.4	-0.2	2.7	0	1.8
5/11/2020 10:06 PM	-0.4	-0.2	2.7	0	1.8
5/11/2020 10:12 PM	-0.4	-0.2	2.7	0	1.7
5/11/2020 10:18 PM	-0.4	-0.1	3	0	0.8
5/11/2020 10:24 PM	-0.4	-0.1	3.4	0	0
5/11/2020 10:30 PM	-0.4	-0.1	3.8	0	0
5/11/2020 10:36 PM	-0.4	-0.1	4	0	0
5/11/2020 10:42 PM	-0.4	-0.1	4	0	0
5/11/2020 10:48 PM	-0.4	-0.1	4.1	0	0
5/11/2020 10:54 PM	-0.4	-0.1	4.1	0	0
5/11/2020 11:00 PM	-0.5	-0.1	4.1	0	0
5/11/2020 11:06 PM	-0.5	-0.1	4.1	0	0
5/11/2020 11:12 PM	-0.5	-0.1	4.2	0	0
5/11/2020 11:18 PM	-0.5	-0.1	4.3	0	0
5/11/2020 11:24 PM	-0.5	-0.1	4.4	0	0
5/11/2020 11:30 PM	-0.5	-0.1	4.5	-0.1	0
5/11/2020 11:36 PM	-0.5	-0.1	4.4	0	0
5/11/2020 11:42 PM	-0.5	-0.1	4.3	0	0
5/11/2020 11:48 PM	-0.5	-0.1	4.3	0	0
5/11/2020 11:54 PM	-0.5	-0.1	4.4	0	0
5/12/2020 12:00 AM	-0.5	-0.1	4.6	0	0
5/12/2020 12:06 AM	-0.5	-0.1	4.7	-0.1	0
5/12/2020 12:12 AM	-0.5	-0.1	4.7	-0.1	0
5/12/2020 12:18 AM	-0.5	-0.1	4.8	-0.1	0
5/12/2020 12:24 AM	-0.5	-0.1	4.8	-0.1	0
5/12/2020 12:30 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 12:36 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 12:42 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 12:48 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 12:54 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 1:00 AM	-0.4	-0.1	4.8	-0.1	0
5/12/2020 1:06 AM	-0.4	0	4.7	-0.1	0
5/12/2020 1:12 AM	-0.4	0	4.3	0	0
5/12/2020 1:18 AM	-0.4	0	3.8	-0.1	0
5/12/2020 1:24 AM	-0.4	0	3.5	-0.1	0
5/12/2020 1:30 AM	-0.4	0	3.3	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 1:36 AM	-0.4	0	3.2	0	0
5/12/2020 1:42 AM	-0.4	0	3.1	0	0
5/12/2020 1:48 AM	-0.4	0	3.1	0	0
5/12/2020 1:54 AM	-0.5	0.1	3	0	0
5/12/2020 2:00 AM	-0.5	0.1	2.7	-0.1	0
5/12/2020 2:06 AM	-0.5	0.2	2.5	-0.1	0
5/12/2020 2:12 AM	-0.5	0.1	2.4	-0.1	0
5/12/2020 2:18 AM	-0.4	0.2	2.4	-0.1	0
5/12/2020 2:24 AM	-0.4	0.1	2.4	0	0
5/12/2020 2:30 AM	-0.4	0.1	2.4	0	0
5/12/2020 2:36 AM	-0.4	0.1	2.5	0	0
5/12/2020 2:42 AM	-0.4	0.1	2.5	0	0
5/12/2020 2:48 AM	-0.4	0.1	2.4	0	0
5/12/2020 2:54 AM	-0.4	0.1	2.4	0	0
5/12/2020 3:00 AM	-0.4	0.1	2.4	0	0
5/12/2020 3:06 AM	-0.4	0.1	2.4	0	0
5/12/2020 3:12 AM	-0.4	0.1	2.3	0	0
5/12/2020 3:18 AM	-0.5	0.1	2.3	0	0
5/12/2020 3:24 AM	-0.5	0.1	2.3	0	0
5/12/2020 3:30 AM	-0.5	0.1	2.4	0	0
5/12/2020 3:36 AM	-0.5	0.1	2.4	0	0
5/12/2020 3:42 AM	-0.5	0	2.4	0	0
5/12/2020 3:48 AM	-0.5	0	2.4	0	0
5/12/2020 3:54 AM	-0.5	0	2.3	0	0
5/12/2020 4:00 AM	-0.5	0.1	2.3	0	0
5/12/2020 4:06 AM	-0.5	0.1	2.3	0	0
5/12/2020 4:12 AM	-0.5	0.1	2.3	0	0
5/12/2020 4:18 AM	-0.5	0.1	2.3	0	0
5/12/2020 4:24 AM	-0.5	0.1	2.2	0	0
5/12/2020 4:30 AM	-0.5	0.1	2.2	0	0
5/12/2020 4:36 AM	-0.5	0.1	2.2	0	0
5/12/2020 4:42 AM	-0.5	0.1	2.1	0	0
5/12/2020 4:48 AM	-0.5	0.1	2	0	0
5/12/2020 4:54 AM	-0.5	0.2	2	0	0
5/12/2020 5:00 AM	-0.5	0.3	2	0	0
5/12/2020 5:06 AM	-0.5	0.4	2	0	-0.1
5/12/2020 5:12 AM	-0.5	0.6	1.9	0	0
5/12/2020 5:18 AM	-0.5	0.8	1.8	0	0
5/12/2020 5:24 AM	-0.5	0.9	1.7	0	0
5/12/2020 5:30 AM	-0.5	1	1.7	0	0
5/12/2020 5:36 AM	-0.5	1	1.7	-0.1	0
5/12/2020 5:42 AM	-0.5	1	1.7	-0.1	0
5/12/2020 5:48 AM	-0.5	0.9	1.7	-0.1	0
5/12/2020 5:54 AM	-0.5	0.8	1.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 6:00 AM	-0.5	0.7	1.7	-0.1	0
5/12/2020 6:06 AM	-0.5	0.7	1.7	-0.1	0
5/12/2020 6:12 AM	-0.5	0.6	1.8	-0.1	0
5/12/2020 6:18 AM	-0.5	0.4	1.8	-0.1	0
5/12/2020 6:24 AM	-0.5	0.2	1.9	-0.1	0
5/12/2020 6:30 AM	-0.4	0.1	2	-0.1	0
5/12/2020 6:36 AM	-0.4	0.1	1.9	-0.1	0
5/12/2020 6:42 AM	-0.4	0.1	2	-0.1	0
5/12/2020 6:48 AM	-0.4	0	2	-0.1	0
5/12/2020 6:54 AM	-0.4	-0.1	2	-0.1	0
5/12/2020 7:00 AM	-0.4	-0.2	2	-0.1	0
5/12/2020 7:06 AM	-0.4	-0.2	2.1	-0.1	0
5/12/2020 7:12 AM	-0.4	-0.3	2.1	-0.1	0
5/12/2020 7:18 AM	-0.4	-0.2	2.2	-0.2	0
5/12/2020 7:24 AM	-0.4	-0.2	2.3	-0.2	0
5/12/2020 7:30 AM	-0.4	-0.3	2.5	-0.2	0
5/12/2020 7:36 AM	-0.4	-0.4	2.7	-0.2	0
5/12/2020 7:42 AM	-0.4	-0.4	2.7	-0.2	0
5/12/2020 7:48 AM	-0.4	-0.3	2.6	-0.2	0
5/12/2020 7:54 AM	-0.4	-0.2	2.6	-0.2	0
5/12/2020 8:00 AM	-0.4	-0.2	2.7	-0.2	0
5/12/2020 8:06 AM	-0.3	-0.2	2.7	-0.2	0
5/12/2020 8:12 AM	-0.3	-0.3	2.8	-0.2	0
5/12/2020 8:18 AM	-0.3	-0.3	2.9	-0.2	-0.1
5/12/2020 8:24 AM	-0.3	-0.3	3	-0.2	0
5/12/2020 8:30 AM	-0.3	-0.2	3.2	-0.2	0
5/12/2020 8:36 AM	-0.3	0	3.4	-0.2	0
5/12/2020 8:42 AM	-0.3	0	3.6	-0.2	0
5/12/2020 8:48 AM	-0.3	-0.1	3.6	-0.2	0
5/12/2020 8:54 AM	-0.3	-0.1	3.7	-0.2	0
5/12/2020 9:00 AM	-0.3	-0.1	3.8	-0.2	0
5/12/2020 9:06 AM	-0.3	-0.1	3.8	-0.1	-0.1
5/12/2020 9:12 AM	-0.3	-0.1	3.9	-0.1	-0.1
5/12/2020 9:18 AM	-0.3	0	4	-0.1	-0.1
5/12/2020 9:24 AM	-0.2	0.1	4.1	-0.1	0
5/12/2020 9:30 AM	-0.2	0	4.3	-0.1	0
5/12/2020 9:36 AM	-0.2	0	4.5	-0.1	-0.1
5/12/2020 9:42 AM	-0.2	0	4.5	-0.1	-0.1
5/12/2020 9:48 AM	-0.2	0	4.5	-0.1	0
5/12/2020 9:54 AM	-0.2	0	4.6	-0.1	0
5/12/2020 10:00 AM	-0.2	0.1	4.6	-0.1	0
5/12/2020 10:06 AM	-0.2	0.1	4.4	-0.1	0
5/12/2020 10:12 AM	-0.2	0	4.3	-0.1	0
5/12/2020 10:18 AM	-0.2	0	4.5	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 10:24 AM	-0.2	0	4.5	-0.1	0
5/12/2020 10:30 AM	-0.2	0	4.4	-0.1	0
5/12/2020 10:36 AM	-0.2	0	4.5	-0.1	0
5/12/2020 10:42 AM	-0.2	0.1	4.6	-0.1	0
5/12/2020 10:48 AM	-0.3	0.1	4.9	-0.1	0
5/12/2020 10:54 AM	-0.3	0.1	5.1	-0.1	0
5/12/2020 11:00 AM	-0.3	0.1	5.1	-0.1	0
5/12/2020 11:06 AM	-0.3	0.1	4.8	-0.1	0
5/12/2020 11:12 AM	-0.3	0.2	4.8	-0.1	0
5/12/2020 11:18 AM	-0.3	0.2	4.8	-0.1	0
5/12/2020 11:24 AM	-0.3	0.2	4.9	-0.1	0
5/12/2020 11:30 AM	-0.2	0.2	4.9	-0.1	0
5/12/2020 11:36 AM	-0.2	0.2	4.9	-0.1	0
5/12/2020 11:42 AM	-0.2	0.2	5	-0.1	0
5/12/2020 11:48 AM	-0.2	0.2	5	-0.1	0
5/12/2020 11:54 AM	-0.2	0.2	5	-0.1	0
5/12/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/12/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/12/2020 12:12 PM	0	0.2	5.4	-0.1	0
5/12/2020 12:18 PM	0	0.2	5.3	-0.1	0
5/12/2020 12:24 PM	0	0.2	5.4	-0.1	0
5/12/2020 12:30 PM	0	0.3	5.2	-0.1	0
5/12/2020 12:36 PM	0	0.4	5.1	0	0
5/12/2020 12:42 PM	0	0.4	5	0.4	0
5/12/2020 12:48 PM	0	0.5	5.1	0.8	0
5/12/2020 12:54 PM	0	0.4	5.1	0.6	0
5/12/2020 1:00 PM	0	0.4	5.1	0.4	0
5/12/2020 1:06 PM	0	0.4	4.9	0.2	0
5/12/2020 1:12 PM	0	0.3	5.1	0.1	0
5/12/2020 1:18 PM	0	0.3	5.3	0	0
5/12/2020 1:24 PM	0	0.3	5.3	0	0
5/12/2020 1:30 PM	0	0.4	5.3	-0.1	0
5/12/2020 1:36 PM	0	0.5	5.3	-0.1	0
5/12/2020 1:42 PM	0	0.6	5.2	-0.1	0
5/12/2020 1:48 PM	0	0.6	5.1	-0.1	0
5/12/2020 1:54 PM	0	0.6	5.1	-0.1	0
5/12/2020 2:00 PM	0	0.6	5	-0.1	0
5/12/2020 2:06 PM	0	0.5	5	-0.1	0
5/12/2020 2:12 PM	0	0.4	5.1	-0.1	0
5/12/2020 2:18 PM	0	0.4	5.1	-0.1	0
5/12/2020 2:24 PM	0	0.4	5.1	-0.1	0
5/12/2020 2:30 PM	0	0.4	5.1	-0.1	0
5/12/2020 2:36 PM	0	0.4	5.1	-0.1	0
5/12/2020 2:42 PM	0	0.5	5.1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 2:48 PM	0	0.6	4.9	-0.1	0
5/12/2020 2:54 PM	0	0.7	4.8	-0.1	0
5/12/2020 3:00 PM	0	0.8	4.7	-0.1	0
5/12/2020 3:06 PM	0	0.8	4.6	-0.1	0
5/12/2020 3:12 PM	0	0.9	4.6	-0.1	0
5/12/2020 3:18 PM	0	1.1	4.6	-0.1	0
5/12/2020 3:24 PM	0	1.2	4.6	-0.1	0
5/12/2020 3:30 PM	0	1.2	4.6	-0.1	0
5/12/2020 3:36 PM	0	1.1	4.6	-0.1	0
5/12/2020 3:42 PM	0	1	4.6	-0.1	0
5/12/2020 3:48 PM	0	1.1	4.7	-0.1	0
5/12/2020 3:54 PM	0	1.2	4.7	-0.1	0
5/12/2020 4:00 PM	0	1.2	4.6	-0.1	0
5/12/2020 4:06 PM	0	1.1	4.6	-0.1	0
5/12/2020 4:12 PM	0	1.1	4.6	-0.1	0
5/12/2020 4:18 PM	0	1	4.7	-0.1	0
5/12/2020 4:24 PM	0	1.1	4.7	-0.1	0
5/12/2020 4:30 PM	0	1.2	4.7	-0.1	0
5/12/2020 4:36 PM	0	1.3	4.6	-0.1	0
5/12/2020 4:42 PM	0	1.4	4.6	-0.1	0
5/12/2020 4:48 PM	0	1.4	4.7	-0.1	0
5/12/2020 4:54 PM	0	1.4	4.7	-0.1	0
5/12/2020 5:00 PM	0	1.6	4.6	-0.1	0
5/12/2020 5:06 PM	0	1.6	4.5	-0.1	0
5/12/2020 5:12 PM	0	1.6	4.5	-0.1	0
5/12/2020 5:18 PM	0	1.6	4.5	-0.1	0
5/12/2020 5:24 PM	0	1.6	4.6	-0.1	0
5/12/2020 5:30 PM	0	1.4	4.6	-0.1	0
5/12/2020 5:36 PM	0	1.4	4.6	-0.1	0
5/12/2020 5:42 PM	0	1.4	4.6	-0.1	0
5/12/2020 5:48 PM	0	1.3	4.6	-0.1	0
5/12/2020 5:54 PM	0	1.2	4.6	-0.1	0
5/12/2020 6:00 PM	-0.1	1.1	4.6	-0.1	0
5/12/2020 6:06 PM	-0.1	1	4.7	-0.1	0
5/12/2020 6:12 PM	0	1.1	4.8	-0.1	0
5/12/2020 6:18 PM	0	1.2	4.8	-0.1	0
5/12/2020 6:24 PM	0	1.2	4.9	-0.1	0
5/12/2020 6:30 PM	0	1.1	4.9	-0.1	0
5/12/2020 6:36 PM	0	1	4.8	-0.1	0
5/12/2020 6:42 PM	0	1.1	4.8	-0.1	0
5/12/2020 6:48 PM	0	1.1	4.9	-0.1	0
5/12/2020 6:54 PM	0	1	5	-0.1	0
5/12/2020 7:00 PM	0	1	4.9	-0.1	0
5/12/2020 7:06 PM	0	1	4.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 7:12 PM	0	1	4.9	-0.1	0
5/12/2020 7:18 PM	-0.1	1	4.9	-0.1	0
5/12/2020 7:24 PM	-0.1	1	4.9	-0.1	0
5/12/2020 7:30 PM	-0.1	1	5	-0.1	0
5/12/2020 7:36 PM	-0.1	1	5.1	-0.1	0
5/12/2020 7:42 PM	-0.1	1	5.1	-0.1	0
5/12/2020 7:48 PM	-0.1	1	5.2	-0.1	0
5/12/2020 7:54 PM	-0.1	1.1	5.2	-0.1	0
5/12/2020 8:00 PM	-0.1	1.2	5.2	-0.1	0
5/12/2020 8:06 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 8:12 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 8:18 PM	-0.1	1.4	5.1	-0.1	0
5/12/2020 8:24 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 8:30 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 8:36 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 8:42 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 8:48 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 8:54 PM	-0.1	1.4	5.1	-0.1	0
5/12/2020 9:00 PM	-0.1	1.4	5.1	-0.1	0
5/12/2020 9:06 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 9:12 PM	-0.1	1.4	5.2	-0.1	0
5/12/2020 9:18 PM	-0.1	1.3	5.3	-0.1	0
5/12/2020 9:24 PM	-0.1	1.3	5.2	-0.1	0
5/12/2020 9:30 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 9:36 PM	-0.1	1.3	5	-0.1	0
5/12/2020 9:42 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 9:48 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 9:54 PM	-0.1	1.3	5.1	-0.1	0
5/12/2020 10:00 PM	-0.1	1.3	5	-0.1	0
5/12/2020 10:06 PM	-0.1	1.3	5	-0.1	0
5/12/2020 10:12 PM	-0.1	1.3	4.9	-0.1	0
5/12/2020 10:18 PM	-0.1	1.3	4.9	-0.1	0
5/12/2020 10:24 PM	-0.1	1.2	4.9	-0.1	0
5/12/2020 10:30 PM	-0.1	1.2	5	-0.1	0
5/12/2020 10:36 PM	-0.1	1.1	5	-0.1	0
5/12/2020 10:42 PM	-0.1	1	5	-0.1	0
5/12/2020 10:48 PM	-0.1	1	5	-0.1	0
5/12/2020 10:54 PM	-0.2	0.9	4.8	-0.1	0
5/12/2020 11:00 PM	-0.2	0.9	4.8	-0.1	0
5/12/2020 11:06 PM	-0.2	0.8	4.8	-0.1	0
5/12/2020 11:12 PM	-0.2	0.8	4.8	-0.1	0
5/12/2020 11:18 PM	-0.2	0.7	4.8	-0.1	0
5/12/2020 11:24 PM	-0.2	0.7	4.8	-0.1	0
5/12/2020 11:30 PM	-0.2	0.7	4.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/12/2020 11:36 PM	-0.2	0.6	4.8	0	0
5/12/2020 11:42 PM	-0.2	0.6	4.8	0	0
5/12/2020 11:48 PM	-0.2	0.6	4.7	0	0
5/12/2020 11:54 PM	-0.2	0.6	4.7	0	0
5/13/2020 12:00 AM	-0.2	0.6	4.8	0	0
5/13/2020 12:06 AM	-0.3	0.6	4.8	0	0
5/13/2020 12:12 AM	-0.3	0.6	4.7	0	0
5/13/2020 12:18 AM	-0.3	0.6	4.6	0	0
5/13/2020 12:24 AM	-0.3	0.6	4.7	0	0
5/13/2020 12:30 AM	-0.3	0.6	4.7	0	0
5/13/2020 12:36 AM	-0.3	0.6	4.6	0	0
5/13/2020 12:42 AM	-0.3	0.6	4.6	0	0
5/13/2020 12:48 AM	-0.3	0.6	4.6	0	0
5/13/2020 12:54 AM	-0.3	0.6	4.7	0	0
5/13/2020 1:00 AM	-0.3	0.7	4.7	0	0
5/13/2020 1:06 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:12 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:18 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:24 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:30 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:36 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:42 AM	-0.3	0.7	4.8	0	0
5/13/2020 1:48 AM	-0.3	0.7	4.7	0	0
5/13/2020 1:54 AM	-0.3	0.7	4.7	0	0
5/13/2020 2:00 AM	-0.3	0.7	4.7	0	0
5/13/2020 2:06 AM	-0.4	0.7	4.7	0	0
5/13/2020 2:12 AM	-0.4	0.7	4.6	0	0
5/13/2020 2:18 AM	-0.4	0.7	4	0	0
5/13/2020 2:24 AM	-0.4	0.7	3.5	0	0
5/13/2020 2:30 AM	-0.4	0.7	3.3	0	0
5/13/2020 2:36 AM	-0.4	0.7	3.1	0	0
5/13/2020 2:42 AM	-0.4	0.7	3.1	0	0
5/13/2020 2:48 AM	-0.4	0.7	3.1	0	0
5/13/2020 2:54 AM	-0.4	0.7	3.1	0	0
5/13/2020 3:00 AM	-0.4	0.7	3.1	0	0
5/13/2020 3:06 AM	-0.4	0.7	3	0	0
5/13/2020 3:12 AM	-0.4	0.7	2.6	0	0
5/13/2020 3:18 AM	-0.4	0.7	2.1	0	0
5/13/2020 3:24 AM	-0.4	0.7	1.9	0	0
5/13/2020 3:30 AM	-0.4	0.7	1.9	0	0
5/13/2020 3:36 AM	-0.4	0.7	1.9	0	-0.1
5/13/2020 3:42 AM	-0.4	0.7	1.8	0	0
5/13/2020 3:48 AM	-0.4	0.7	1.8	0	0
5/13/2020 3:54 AM	-0.4	0.8	1.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/13/2020 4:00 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:06 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:12 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:18 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:24 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:30 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:36 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:42 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:48 AM	-0.4	0.8	1.8	0	0
5/13/2020 4:54 AM	-0.4	0.8	1.8	0	0
5/13/2020 5:00 AM	-0.4	1	1.7	0	0
5/13/2020 5:06 AM	-0.4	1.3	1.7	0	0
5/13/2020 5:12 AM	-0.4	1.5	1.7	0	0
5/13/2020 5:18 AM	-0.4	1.8	1.6	0	0
5/13/2020 5:24 AM	-0.4	1.9	1.6	0	0
5/13/2020 5:30 AM	-0.4	1.9	1.6	0	0
5/13/2020 5:36 AM	-0.4	1.8	1.5	0	0
5/13/2020 5:42 AM	-0.4	1.8	1.5	0	0
5/13/2020 5:48 AM	-0.4	1.8	1.5	-0.1	0
5/13/2020 5:54 AM	-0.4	1.7	1.5	-0.1	-0.1
5/13/2020 6:00 AM	-0.4	1.7	1.5	-0.1	-0.1
5/13/2020 6:06 AM	-0.4	1.6	1.6	-0.1	-0.1
5/13/2020 6:12 AM	-0.4	1.5	1.6	-0.1	-0.1
5/13/2020 6:18 AM	-0.4	1.4	1.6	-0.1	-0.1
5/13/2020 6:24 AM	-0.4	1.3	1.6	-0.1	0
5/13/2020 6:30 AM	-0.4	1.1	1.6	-0.1	0
5/13/2020 6:36 AM	-0.4	1	1.5	-0.1	-0.1
5/13/2020 6:42 AM	-0.4	0.9	1.5	-0.1	-0.1
5/13/2020 6:48 AM	-0.4	0.7	1.5	-0.1	0
5/13/2020 6:54 AM	-0.3	0.6	1.6	-0.1	0
5/13/2020 7:00 AM	-0.3	0.6	1.5	-0.1	0
5/13/2020 7:06 AM	-0.3	0.5	1.5	-0.2	0
5/13/2020 7:12 AM	-0.3	0.4	1.5	-0.2	0
5/13/2020 7:18 AM	-0.3	0.3	1.6	-0.2	0
5/13/2020 7:24 AM	-0.3	0.3	1.6	-0.2	0
5/13/2020 7:30 AM	-0.3	0.2	1.6	-0.2	0
5/13/2020 7:36 AM	-0.3	0.2	1.7	-0.2	-0.1
5/13/2020 7:42 AM	-0.3	0.1	1.5	15.5	-0.1
5/13/2020 7:48 AM	-0.3	0	0.8	16.6	-0.1
5/13/2020 7:54 AM	-0.2	0	0.4	8.8	0
5/13/2020 8:00 AM	-0.2	0	0.4	6.3	0
5/13/2020 8:06 AM	-0.2	0	0.4	6.7	0
5/13/2020 8:12 AM	-0.2	0	0.4	7.4	0
5/13/2020 8:18 AM	-0.2	0	0.3	7.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/13/2020 8:24 AM	-0.2	0	0.2	6.3	0
5/13/2020 8:30 AM	-0.1	0	0.2	4.8	0
5/13/2020 8:36 AM	-0.1	-0.1	0.2	3.9	0
5/13/2020 8:42 AM	-0.1	-0.2	0.2	3.8	0
5/13/2020 8:48 AM	-0.1	-0.3	0.2	4.2	0
5/13/2020 8:54 AM	-0.1	-0.3	0.2	4.2	0
5/13/2020 9:00 AM	0	-0.4	0.1	4.1	0
5/13/2020 9:06 AM	0	-0.3	0.1	4	0
5/13/2020 9:12 AM	0	-0.3	0.1	4.4	0
5/13/2020 9:18 AM	0	-0.3	0	5.1	0
5/13/2020 9:24 AM	0	-0.3	-0.1	5	0
5/13/2020 9:30 AM	0	-0.2	-0.1	4.8	0
5/13/2020 9:36 AM	0	-0.2	-0.1	4.5	0
5/13/2020 9:42 AM	0	-0.2	-0.2	4.1	0
5/13/2020 9:48 AM	0	-0.2	-0.2	4.1	0
5/13/2020 9:54 AM	0	-0.2	-0.2	4	0
5/13/2020 10:00 AM	0	-0.2	-0.3	4	0
5/13/2020 10:06 AM	0	-0.2	-0.3	4.4	0
5/13/2020 10:12 AM	0	-0.2	-0.3	4.7	0
5/13/2020 10:18 AM	0	-0.1	-0.3	4.6	0
5/13/2020 10:24 AM	0	-0.1	-0.3	4.8	0
5/13/2020 10:30 AM	0	0	-0.3	5	0
5/13/2020 10:36 AM	-0.1	0	-0.3	4.7	0
5/13/2020 10:42 AM	-0.1	0.1	-0.3	4.1	0
5/13/2020 10:48 AM	-0.1	0.1	-0.2	4	0
5/13/2020 10:54 AM	-0.1	0.1	-0.3	3.9	0
5/13/2020 11:00 AM	-0.1	0.1	-0.3	3.8	0
5/13/2020 11:06 AM	-0.1	0.1	-0.3	3.9	0
5/13/2020 11:12 AM	-0.1	0.2	-0.3	3.9	0
5/13/2020 11:18 AM	-0.1	0.2	-0.3	3.8	0
5/13/2020 11:24 AM	-0.1	0.3	-0.3	4	0
5/13/2020 11:30 AM	-0.1	0.2	-0.3	3.8	0
5/13/2020 11:36 AM	0	0.1	-0.3	3.7	0
5/13/2020 11:42 AM	0	0.1	-0.3	3.7	0
5/13/2020 11:48 AM	0	0.2	-0.3	3.6	0
5/13/2020 11:54 AM	0	0.2	-0.3	3.6	0
5/13/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/13/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/13/2020 12:12 PM	0	0.2	-0.3	3.8	0
5/13/2020 12:18 PM	0	0.2	-0.3	3.6	0
5/13/2020 12:24 PM	0	0.2	-0.4	3.7	0
5/13/2020 12:30 PM	0	0.3	-0.4	3.7	0
5/13/2020 12:36 PM	0	0.4	-0.4	3.6	0
5/13/2020 12:42 PM	0	0.6	-0.4	3.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/13/2020 12:48 PM	0	0.6	-0.4	3.8	0
5/13/2020 12:54 PM	0	0.6	-0.3	3.8	0
5/13/2020 1:00 PM	0	0.4	-0.3	3.7	0
5/13/2020 1:06 PM	0	0.3	-0.3	3.8	0
5/13/2020 1:12 PM	0	0.1	-0.1	4	0
5/13/2020 1:18 PM	0	0.1	3.9	3.5	0
5/13/2020 1:24 PM	0	0.1	18.2	1.2	0
5/13/2020 1:30 PM	0	0.3	15.3	-0.3	0
5/13/2020 1:36 PM	0	0.4	7.1	-0.3	0
5/13/2020 1:42 PM	0	0.5	6.6	-0.3	0
5/13/2020 1:48 PM	0	0.6	6.3	-0.3	0
5/13/2020 1:54 PM	0	0.7	5.4	-0.3	0
5/13/2020 2:00 PM	0.1	0.7	5.1	-0.3	0
5/13/2020 2:06 PM	0.1	0.6	5.1	-0.4	0
5/13/2020 2:12 PM	0.1	0.5	5.2	-0.4	8.5
5/13/2020 2:18 PM	0.1	0.4	5.3	-0.4	10.6
5/13/2020 2:24 PM	0.1	0.3	5.4	-0.4	2.4
5/13/2020 2:30 PM	0.1	0.4	5.4	-0.3	1
5/13/2020 2:36 PM	0.1	0.5	5.5	-0.4	0.4
5/13/2020 2:42 PM	0.1	0.7	5.5	-0.4	0.2
5/13/2020 2:48 PM	0.1	0.8	5.7	-0.4	0.2
5/13/2020 2:54 PM	0.1	1	5.8	-0.4	0.1
5/13/2020 3:00 PM	0.1	1.2	5.9	-0.4	0.2
5/13/2020 3:06 PM	0.1	1.3	6.1	-0.4	0.2
5/13/2020 3:12 PM	0.1	1.4	6	-0.4	0.2
5/13/2020 3:18 PM	0.1	1.3	5.9	-0.4	0.2
5/13/2020 3:24 PM	0.1	1.3	6	-0.3	0.2
5/13/2020 3:30 PM	0.1	1.1	6.3	-0.4	0.2
5/13/2020 3:36 PM	0.1	1	6.4	-0.4	0.3
5/13/2020 3:42 PM	0.1	0.9	6.4	-0.3	0.3
5/13/2020 3:48 PM	0.1	0.8	6.5	-0.3	0.2
5/13/2020 3:54 PM	0.1	0.8	6.7	-0.3	0.2
5/13/2020 4:00 PM	0.1	0.7	6.7	-0.4	0.2
5/13/2020 4:06 PM	0.1	0.7	6.4	-0.4	0.1
5/13/2020 4:12 PM	0.1	0.5	6.5	-0.3	0.1
5/13/2020 4:18 PM	0.1	0.5	6.6	-0.4	0.1
5/13/2020 4:24 PM	0.1	0.6	6.3	-0.4	0.1
5/13/2020 4:30 PM	0	0.5	6.3	-0.3	0.1
5/13/2020 4:36 PM	0	0.6	6.2	-0.4	0.1
5/13/2020 4:42 PM	0	0.7	6.2	-0.4	0.1
5/13/2020 4:48 PM	0	0.7	6.4	-0.4	0
5/13/2020 4:54 PM	0	0.6	6.4	-0.3	0
5/13/2020 5:00 PM	0	0.6	6.5	-0.3	0
5/13/2020 5:06 PM	0	0.6	6.6	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/13/2020 5:12 PM	0	0.6	6.5	-0.4	0
5/13/2020 5:18 PM	0	0.5	6.3	-0.4	0
5/13/2020 5:24 PM	0	0.5	6.3	-0.3	0
5/13/2020 5:30 PM	0	0.5	6.3	-0.4	0
5/13/2020 5:36 PM	0	0.5	6.3	-0.4	0
5/13/2020 5:42 PM	0	0.6	6.2	-0.3	0
5/13/2020 5:48 PM	0	0.8	6.2	-0.4	0
5/13/2020 5:54 PM	0	0.9	6.3	-0.3	0
5/13/2020 6:00 PM	0	0.9	6.3	-0.3	0
5/13/2020 6:06 PM	0	1.1	5.5	-0.4	0
5/13/2020 6:12 PM	0	1.2	4.5	-0.4	0
5/13/2020 6:18 PM	0	1.3	4.5	-0.4	0
5/13/2020 6:24 PM	0	1.3	4.7	-0.3	0
5/13/2020 6:30 PM	0	1.3	4.6	-0.4	0
5/13/2020 6:36 PM	0	1.3	4.4	-0.4	0
5/13/2020 6:42 PM	0	1.3	4.3	-0.4	0
5/13/2020 6:48 PM	0	1.3	4.3	-0.4	0
5/13/2020 6:54 PM	0	1.3	4.1	-0.3	0
5/13/2020 7:00 PM	0	1.3	4.1	-0.3	0
5/13/2020 7:06 PM	0	1.3	4.1	-0.4	0
5/13/2020 7:12 PM	0	1.4	4.1	-0.3	0
5/13/2020 7:18 PM	0	1.4	4.2	-0.3	0
5/13/2020 7:24 PM	0	1.4	4.4	-0.4	0
5/13/2020 7:30 PM	0	1.3	4.4	-0.3	0
5/13/2020 7:36 PM	0	1.3	4.3	-0.3	0
5/13/2020 7:42 PM	0	1.3	4.3	-0.3	0
5/13/2020 7:48 PM	0	1.3	5	-0.3	0
5/13/2020 7:54 PM	0	1.3	5.6	-0.3	0
5/13/2020 8:00 PM	0	1.3	5.7	-0.3	0
5/13/2020 8:06 PM	0	1.2	5.9	-0.3	0
5/13/2020 8:12 PM	0	1.2	5.9	-0.3	0
5/13/2020 8:18 PM	0	1.2	6	-0.3	0
5/13/2020 8:24 PM	0	1.2	6.1	-0.3	0
5/13/2020 8:30 PM	0	1.2	6.2	-0.3	0
5/13/2020 8:36 PM	0	1.2	6.3	-0.3	0
5/13/2020 8:42 PM	0	1.2	6.2	-0.3	0
5/13/2020 8:48 PM	0	1.2	6.2	-0.3	0
5/13/2020 8:54 PM	0	1.2	6.1	-0.3	0
5/13/2020 9:00 PM	0	1.2	6.2	-0.3	0
5/13/2020 9:06 PM	0	1.2	6.1	-0.3	0
5/13/2020 9:12 PM	0	1.2	6.1	-0.3	0
5/13/2020 9:18 PM	0	1.2	6.2	-0.3	0
5/13/2020 9:24 PM	-0.1	1.2	6.3	-0.3	0
5/13/2020 9:30 PM	-0.1	1.2	6.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/13/2020 9:36 PM	-0.1	1.2	6.3	-0.3	0
5/13/2020 9:42 PM	-0.1	1.2	6.2	-0.3	0
5/13/2020 9:48 PM	-0.1	1.2	6.2	-0.3	0
5/13/2020 9:54 PM	-0.1	1.2	6.2	-0.3	0
5/13/2020 10:00 PM	-0.1	1.2	6.3	-0.3	0
5/13/2020 10:06 PM	-0.1	1.2	6.3	-0.3	0
5/13/2020 10:12 PM	-0.1	1.2	6.3	-0.3	0
5/13/2020 10:18 PM	-0.1	1.2	6.2	-0.3	0
5/13/2020 10:24 PM	-0.1	1.2	6.1	-0.3	0
5/13/2020 10:30 PM	-0.1	1.2	5.8	-0.3	0
5/13/2020 10:36 PM	-0.1	1.2	5.8	-0.3	0
5/13/2020 10:42 PM	-0.1	1.2	5.8	-0.3	0
5/13/2020 10:48 PM	-0.1	1.2	5.4	-0.3	0
5/13/2020 10:54 PM	-0.1	1.2	4.4	-0.3	0
5/13/2020 11:00 PM	-0.1	1.2	4	-0.3	0
5/13/2020 11:06 PM	-0.1	1.2	4.1	-0.3	0
5/13/2020 11:12 PM	-0.1	1.2	4.1	-0.3	0
5/13/2020 11:18 PM	-0.1	1.2	4.2	-0.3	0
5/13/2020 11:24 PM	-0.1	1.2	4.2	-0.3	0
5/13/2020 11:30 PM	-0.1	1.2	4.2	-0.3	0
5/13/2020 11:36 PM	-0.1	1.3	4.2	-0.3	0
5/13/2020 11:42 PM	-0.1	1.2	4.2	-0.3	0
5/13/2020 11:48 PM	-0.1	1.2	4.2	-0.3	0
5/13/2020 11:54 PM	-0.1	1.2	4.3	-0.3	0
5/14/2020 12:00 AM	-0.1	1.2	4.4	-0.3	0
5/14/2020 12:06 AM	-0.1	1.1	4.4	-0.3	0
5/14/2020 12:12 AM	-0.1	1.1	4.6	-0.3	0
5/14/2020 12:18 AM	-0.1	1	4.6	-0.3	0
5/14/2020 12:24 AM	-0.1	1	4.5	-0.3	0
5/14/2020 12:30 AM	-0.1	1	4.4	-0.3	0
5/14/2020 12:36 AM	-0.1	1	4.1	-0.3	0
5/14/2020 12:42 AM	-0.1	1.1	4	-0.3	0
5/14/2020 12:48 AM	-0.2	1.1	4	-0.3	0
5/14/2020 12:54 AM	-0.2	1	4	-0.3	0
5/14/2020 1:00 AM	-0.2	1	4.1	-0.3	0
5/14/2020 1:06 AM	-0.2	1	4.2	-0.3	0
5/14/2020 1:12 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:18 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:24 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:30 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:36 AM	-0.2	1	4.2	-0.3	0
5/14/2020 1:42 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:48 AM	-0.2	1	4.3	-0.3	0
5/14/2020 1:54 AM	-0.2	1	4.2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/14/2020 2:00 AM	-0.2	1	4.2	-0.3	0
5/14/2020 2:06 AM	-0.2	1	4.3	-0.3	0
5/14/2020 2:12 AM	-0.2	1	4.4	-0.3	0
5/14/2020 2:18 AM	-0.2	1	4.4	-0.3	0
5/14/2020 2:24 AM	-0.2	1	3.8	-0.3	0
5/14/2020 2:30 AM	-0.2	1	3.1	-0.3	0
5/14/2020 2:36 AM	-0.2	1	2.7	-0.3	0
5/14/2020 2:42 AM	-0.2	1	2.5	-0.3	0
5/14/2020 2:48 AM	-0.2	1	2.3	-0.3	0
5/14/2020 2:54 AM	-0.2	1	2.2	-0.3	0
5/14/2020 3:00 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:06 AM	-0.2	1.1	2.1	-0.3	0
5/14/2020 3:12 AM	-0.2	1.1	2	-0.3	0
5/14/2020 3:18 AM	-0.2	1.1	2.1	-0.3	0
5/14/2020 3:24 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:30 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:36 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:42 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:48 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 3:54 AM	-0.2	1.1	2.2	-0.3	0
5/14/2020 4:00 AM	-0.2	1.1	2	-0.3	0
5/14/2020 4:06 AM	-0.2	1.1	2	-0.3	0
5/14/2020 4:12 AM	-0.2	1.1	1.9	-0.3	0
5/14/2020 4:18 AM	-0.2	1.1	1.9	-0.3	0
5/14/2020 4:24 AM	-0.2	1.1	1.9	-0.3	0
5/14/2020 4:30 AM	-0.2	1.1	1.9	-0.3	0
5/14/2020 4:36 AM	-0.2	1.2	1.9	-0.3	0
5/14/2020 4:42 AM	-0.2	1.2	1.9	-0.2	0
5/14/2020 4:48 AM	-0.3	1.2	2	-0.3	0
5/14/2020 4:54 AM	-0.3	1.3	2	-0.3	0
5/14/2020 5:00 AM	-0.3	1.5	1.9	-0.2	0
5/14/2020 5:06 AM	-0.3	1.8	1.8	-0.2	0
5/14/2020 5:12 AM	-0.3	2	1.7	-0.3	0
5/14/2020 5:18 AM	-0.3	2.1	1.6	-0.2	0
5/14/2020 5:24 AM	-0.3	2.1	1.6	-0.2	0
5/14/2020 5:30 AM	-0.3	2.2	1.6	-0.2	0
5/14/2020 5:36 AM	-0.3	2.2	1.6	-0.2	0
5/14/2020 5:42 AM	-0.3	2.2	1.6	-0.2	0
5/14/2020 5:48 AM	-0.3	2.2	1.6	-0.2	0
5/14/2020 5:54 AM	-0.3	2.1	1.6	-0.2	0
5/14/2020 6:00 AM	-0.3	2.1	1.6	-0.3	0
5/14/2020 6:06 AM	-0.3	2.1	1.6	-0.3	0
5/14/2020 6:12 AM	-0.3	2	1.6	-0.3	0
5/14/2020 6:18 AM	-0.3	2	1.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/14/2020 6:24 AM	-0.3	1.9	1.5	-0.3	0
5/14/2020 6:30 AM	-0.3	1.8	1.5	-0.3	0
5/14/2020 6:36 AM	-0.3	1.6	1.6	-0.3	0
5/14/2020 6:42 AM	-0.3	1.5	1.5	-0.3	0
5/14/2020 6:48 AM	-0.3	1.4	1.5	-0.3	0
5/14/2020 6:54 AM	-0.2	1.3	1.5	-0.3	0
5/14/2020 7:00 AM	-0.2	1.1	1.6	-0.3	0
5/14/2020 7:06 AM	-0.2	1	1.6	-0.3	0
5/14/2020 7:12 AM	-0.2	0.9	1.7	-0.4	0
5/14/2020 7:18 AM	-0.2	0.8	1.7	-0.4	0
5/14/2020 7:24 AM	-0.2	0.7	1.8	-0.4	0
5/14/2020 7:30 AM	-0.2	0.6	1.9	-0.4	0
5/14/2020 7:36 AM	-0.2	0.5	2	-0.4	0
5/14/2020 7:42 AM	-0.2	0.4	2.1	-0.4	0
5/14/2020 7:48 AM	-0.1	0.4	2.2	-0.4	0
5/14/2020 7:54 AM	-0.1	0.3	2.2	-0.4	0
5/14/2020 8:00 AM	-0.1	0.3	2.4	-0.4	7.1
5/14/2020 8:06 AM	-0.1	0.2	2.8	-0.4	9.9
5/14/2020 8:12 AM	-0.1	0.1	3.1	-0.4	3
5/14/2020 8:18 AM	-0.1	0.1	3.2	-0.4	1.2
5/14/2020 8:24 AM	-0.1	0.1	3.4	-0.4	0.6
5/14/2020 8:30 AM	0	0.1	3.4	-0.4	0.5
5/14/2020 8:36 AM	0	0.2	3.4	-0.4	0.3
5/14/2020 8:42 AM	0	0.1	3.4	-0.4	0.2
5/14/2020 8:48 AM	0	0	3.4	-0.4	0.2
5/14/2020 8:54 AM	0	-0.1	3.6	-0.4	0.1
5/14/2020 9:00 AM	0	-0.1	3.7	-0.4	0.1
5/14/2020 9:06 AM	0.1	-0.2	3.8	-0.4	0.1
5/14/2020 9:12 AM	0.1	-0.2	4	-0.4	0.1
5/14/2020 9:18 AM	0.1	-0.1	4.2	-0.4	0.1
5/14/2020 9:24 AM	0.1	-0.1	4.2	-0.4	0.1
5/14/2020 9:30 AM	0.1	-0.1	4.3	-0.3	0.1
5/14/2020 9:36 AM	0.1	-0.1	4.4	-0.3	0.1
5/14/2020 9:42 AM	0.1	13.9	4.4	-0.3	0.1
5/14/2020 9:48 AM	0.1	15.3	4.4	-0.3	0
5/14/2020 9:54 AM	0.1	7.6	4.3	-0.3	0
5/14/2020 10:00 AM	0.1	7.4	4.2	-0.3	0
5/14/2020 10:06 AM	0.1	6.5	4	-0.4	0
5/14/2020 10:12 AM	0.1	5.8	3.7	-0.4	0
5/14/2020 10:18 AM	0.1	4.9	3.5	-0.3	0
5/14/2020 10:24 AM	0.1	4	3.5	-0.3	0
5/14/2020 10:30 AM	0.1	3.1	3.5	-0.3	0
5/14/2020 10:36 AM	0	2.4	3.4	-0.3	0
5/14/2020 10:42 AM	0	2	3.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/14/2020 10:48 AM	0	1.7	3.4	-0.3	0
5/14/2020 10:54 AM	0	1.3	3.5	-0.3	0
5/14/2020 11:00 AM	0	1.1	3.6	-0.3	0
5/14/2020 11:06 AM	0	0.9	3.6	-0.3	0
5/14/2020 11:12 AM	0	0.7	3.6	-0.3	0
5/14/2020 11:18 AM	0	0.6	3.7	-0.3	0
5/14/2020 11:24 AM	0	0.5	3.8	-0.3	0
5/14/2020 11:30 AM	0	0.4	4	-0.3	0
5/14/2020 11:36 AM	0	0.3	4.2	-0.3	0
5/14/2020 11:42 AM	0	0.2	4.3	-0.3	0
5/14/2020 11:48 AM	0	0.2	4.5	-0.3	0
5/14/2020 11:54 AM	0	0.2	4.5	-0.3	0
5/14/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/14/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/14/2020 12:12 PM	0	0.1	4.5	-0.3	0
5/14/2020 12:18 PM	0	0	4.4	-0.3	0
5/14/2020 12:24 PM	0	0	4.4	-0.3	0
5/14/2020 12:30 PM	0	0	4.3	-0.3	0
5/14/2020 12:36 PM	0	0.2	4.1	-0.2	0
5/14/2020 12:42 PM	0	0.2	4	-0.2	0
5/14/2020 12:48 PM	0	0.2	4	-0.3	0
5/14/2020 12:54 PM	0	0.2	4	-0.3	0
5/14/2020 1:00 PM	0	0.2	3.9	-0.3	0
5/14/2020 1:06 PM	0	0.2	4	-0.3	0
5/14/2020 1:12 PM	0	0.1	4	-0.3	0
5/14/2020 1:18 PM	0	0.1	4.1	-0.3	0
5/14/2020 1:24 PM	0	0.1	4.1	-0.3	0
5/14/2020 1:30 PM	0	0.2	4.1	-0.3	0
5/14/2020 1:36 PM	0	0.3	4	-0.2	0
5/14/2020 1:42 PM	0	0.3	3.8	-0.2	0
5/14/2020 1:48 PM	0	0.5	3.7	-0.2	0
5/14/2020 1:54 PM	0	0.6	3.6	-0.2	0
5/14/2020 2:00 PM	0	0.6	3.6	-0.2	0
5/14/2020 2:06 PM	0	0.5	3.7	-0.2	0
5/14/2020 2:12 PM	0	0.3	3.8	-0.2	0
5/14/2020 2:18 PM	0	0.2	4	-0.2	0
5/14/2020 2:24 PM	0	0.2	4	-0.2	0
5/14/2020 2:30 PM	0	0.3	3.9	-0.2	0
5/14/2020 2:36 PM	0	0.4	3.8	-0.2	0
5/14/2020 2:42 PM	0	0.4	3.7	-0.2	0
5/14/2020 2:48 PM	0	0.5	3.8	-0.2	0
5/14/2020 2:54 PM	0	0.6	3.8	-0.3	0
5/14/2020 3:00 PM	0	0.8	3.8	-0.2	0
5/14/2020 3:06 PM	0	0.9	3.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/14/2020 3:12 PM	0	0.9	3.7	-0.2	0
5/14/2020 3:18 PM	0	0.9	3.6	-0.2	0
5/14/2020 3:24 PM	0	0.9	3.6	-0.2	0
5/14/2020 3:30 PM	0	0.8	3.5	-0.2	0
5/14/2020 3:36 PM	0	0.8	3.5	-0.2	0
5/14/2020 3:42 PM	0	0.7	3.5	-0.2	0
5/14/2020 3:48 PM	0	0.7	3.4	-0.2	0
5/14/2020 3:54 PM	0	0.6	3.5	-0.2	0
5/14/2020 4:00 PM	0	0.5	3.5	-0.2	0
5/14/2020 4:06 PM	0	0.4	3.6	-0.2	0
5/14/2020 4:12 PM	0	0.5	3.6	-0.2	0
5/14/2020 4:18 PM	0	0.5	3.6	9.6	0
5/14/2020 4:24 PM	0	0.5	3.6	16.8	0
5/14/2020 4:30 PM	0	0.5	3.5	10.5	0
5/14/2020 4:36 PM	0	0.5	3.6	5.1	0
5/14/2020 4:42 PM	0	0.6	2.7	9	0
5/14/2020 4:48 PM	0	0.6	1.1	10.8	0
5/14/2020 4:54 PM	0	0.8	0.5	7.2	0
5/14/2020 5:00 PM	0	1.2	0.3	6.6	0
5/14/2020 5:06 PM	0	1.6	0.3	7.1	0
5/14/2020 5:12 PM	0	1.8	0.2	7.8	0
5/14/2020 5:18 PM	0	2	0.1	7.1	0
5/14/2020 5:24 PM	0	2.3	0.1	6	0
5/14/2020 5:30 PM	0	2.6	0.1	5.5	0
5/14/2020 5:36 PM	0	2.9	0	5	0
5/14/2020 5:42 PM	0	3.1	-0.1	4.7	0
5/14/2020 5:48 PM	0	3.1	-0.1	4.5	0
5/14/2020 5:54 PM	0	3.2	-0.2	4.5	0
5/14/2020 6:00 PM	0	3.1	-0.2	4.5	0
5/14/2020 6:06 PM	0	3.1	-0.2	4.6	0
5/14/2020 6:12 PM	0	3	-0.2	4.5	0
5/14/2020 6:18 PM	0	3.1	-0.2	4.4	0
5/14/2020 6:24 PM	0	3.1	-0.2	4.4	0.1
5/14/2020 6:30 PM	0	3	-0.2	4.2	0.1
5/14/2020 6:36 PM	0	3	-0.3	4.1	0.1
5/14/2020 6:42 PM	0	2.9	-0.3	4.1	0.1
5/14/2020 6:48 PM	0	2.9	-0.3	4.3	0.1
5/14/2020 6:54 PM	0	2.8	-0.3	4.4	0.1
5/14/2020 7:00 PM	0	2.8	-0.3	4.4	0.1
5/14/2020 7:06 PM	0	2.7	-0.3	4.4	0.1
5/14/2020 7:12 PM	0	2.7	-0.4	4.5	0.1
5/14/2020 7:18 PM	0	2.7	-0.4	4.7	0.1
5/14/2020 7:24 PM	0	2.6	-0.4	4.7	0.1
5/14/2020 7:30 PM	0	2.6	-0.4	4.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/14/2020 7:36 PM	0	2.6	-0.4	4.5	0.1
5/14/2020 7:42 PM	0	2.6	-0.4	4.4	0.1
5/14/2020 7:48 PM	0	2.6	-0.4	4.3	0.1
5/14/2020 7:54 PM	0	2.6	-0.4	4.3	0.1
5/14/2020 8:00 PM	0	2.6	-0.4	4.2	0.1
5/14/2020 8:06 PM	0	2.6	-0.5	4.3	11.8
5/14/2020 8:12 PM	0	5	-0.5	4.3	19.7
5/14/2020 8:18 PM	0	19.4	-0.4	3.3	9.3
5/14/2020 8:24 PM	0	14	-0.4	3	0.8
5/14/2020 8:30 PM	0	3.8	-0.4	3.3	0.3
5/14/2020 8:36 PM	0	4	-0.4	3.2	0.2
5/14/2020 8:42 PM	0	3.8	-0.5	3.2	0.1
5/14/2020 8:48 PM	0	3.7	-0.5	3.2	0.1
5/14/2020 8:54 PM	0	3.4	-0.5	3.1	0.1
5/14/2020 9:00 PM	0	3	-0.5	3.1	0.1
5/14/2020 9:06 PM	0	2.8	-0.5	3.2	0.1
5/14/2020 9:12 PM	0	2.6	-0.5	3.2	0.1
5/14/2020 9:18 PM	0	2.3	-0.5	3.3	0.1
5/14/2020 9:24 PM	0	2.2	-0.5	3.4	0.1
5/14/2020 9:30 PM	-0.1	2.1	-0.5	3.4	0.1
5/14/2020 9:36 PM	-0.1	2	-0.5	3.3	0.1
5/14/2020 9:42 PM	-0.1	1.9	-0.5	3.4	0.1
5/14/2020 9:48 PM	-0.1	1.8	-0.5	3.4	0.1
5/14/2020 9:54 PM	-0.1	1.7	-0.5	3.4	0.1
5/14/2020 10:00 PM	-0.1	1.7	-0.5	3.4	0.1
5/14/2020 10:06 PM	-0.1	1.6	-0.5	3.3	0.1
5/14/2020 10:12 PM	-0.1	1.6	-0.6	3	0.1
5/14/2020 10:18 PM	-0.1	1.6	-0.5	2.9	0.1
5/14/2020 10:24 PM	-0.1	1.6	-0.5	2.9	0.1
5/14/2020 10:30 PM	-0.1	1.5	-0.5	3.2	0.1
5/14/2020 10:36 PM	-0.1	1.5	-0.6	3.1	0.1
5/14/2020 10:42 PM	-0.1	1.5	-0.6	3.2	0.1
5/14/2020 10:48 PM	-0.1	1.5	-0.6	3.2	0.1
5/14/2020 10:54 PM	-0.1	1.4	-0.6	3.2	0.1
5/14/2020 11:00 PM	-0.1	1.4	-0.6	3.2	0.1
5/14/2020 11:06 PM	-0.1	1.4	-0.6	3.1	0.1
5/14/2020 11:12 PM	-0.1	1.4	-0.6	3.1	0.1
5/14/2020 11:18 PM	-0.1	1.4	-0.6	3.1	0.1
5/14/2020 11:24 PM	-0.1	1.3	-0.6	3	0.1
5/14/2020 11:30 PM	-0.1	1.3	-0.6	3	0.1
5/14/2020 11:36 PM	-0.1	1.3	-0.6	3	0
5/14/2020 11:42 PM	-0.1	1.3	-0.6	3	0
5/14/2020 11:48 PM	-0.1	1.3	-0.6	3	0.1
5/14/2020 11:54 PM	-0.1	1.3	-0.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 12:00 AM	-0.1	1.3	-0.6	3	0.1
5/15/2020 12:06 AM	-0.1	1.3	-0.6	3.1	0.1
5/15/2020 12:12 AM	-0.1	1.3	-0.6	3.1	0.1
5/15/2020 12:18 AM	-0.1	1.3	-0.6	3.1	0.1
5/15/2020 12:24 AM	-0.1	1.3	-0.7	3.1	0.1
5/15/2020 12:30 AM	-0.1	1.4	-0.7	3.1	0
5/15/2020 12:36 AM	-0.1	1.4	-0.7	3.1	0
5/15/2020 12:42 AM	-0.1	1.4	-0.7	3.2	0
5/15/2020 12:48 AM	-0.1	1.4	-0.7	3.3	0
5/15/2020 12:54 AM	-0.1	1.4	-0.7	3.4	0
5/15/2020 1:00 AM	-0.1	1.4	-0.7	2.5	0
5/15/2020 1:06 AM	-0.1	1.4	-0.7	1.6	0
5/15/2020 1:12 AM	-0.1	1.4	-0.7	1.7	0
5/15/2020 1:18 AM	-0.1	1.4	-0.7	1.7	0
5/15/2020 1:24 AM	-0.1	1.4	-0.7	1.8	0
5/15/2020 1:30 AM	-0.1	1.4	-0.7	1.9	0
5/15/2020 1:36 AM	-0.1	1.4	-0.7	1.9	0
5/15/2020 1:42 AM	-0.1	1.4	-0.7	1.4	0
5/15/2020 1:48 AM	-0.1	1.4	-0.7	1.1	0
5/15/2020 1:54 AM	-0.1	1.4	-0.7	1.2	0
5/15/2020 2:00 AM	-0.1	1.4	-0.7	1.2	0
5/15/2020 2:06 AM	-0.1	1.4	-0.7	1.3	0
5/15/2020 2:12 AM	-0.1	1.5	-0.7	1.3	0.1
5/15/2020 2:18 AM	-0.1	1.7	-0.8	1.3	0.1
5/15/2020 2:24 AM	-0.1	1.9	-0.8	1.3	0.1
5/15/2020 2:30 AM	-0.1	2	-0.9	1.4	0.1
5/15/2020 2:36 AM	-0.1	2.1	-0.8	1.4	0.1
5/15/2020 2:42 AM	-0.1	2.1	-0.8	1.4	0.1
5/15/2020 2:48 AM	-0.1	2	-0.8	1.3	0.1
5/15/2020 2:54 AM	-0.1	2	-0.8	1.3	0.1
5/15/2020 3:00 AM	-0.1	2	-0.7	1.3	0.1
5/15/2020 3:06 AM	-0.1	1.9	-0.7	1.4	0.1
5/15/2020 3:12 AM	-0.1	1.8	-0.7	1.6	0.1
5/15/2020 3:18 AM	-0.1	1.8	-0.7	1.6	0.1
5/15/2020 3:24 AM	-0.1	1.7	-0.7	1.6	0.1
5/15/2020 3:30 AM	-0.1	1.7	-0.7	1.6	0.1
5/15/2020 3:36 AM	-0.1	1.6	-0.7	1.5	0.1
5/15/2020 3:42 AM	-0.1	1.6	-0.7	1.6	0.1
5/15/2020 3:48 AM	-0.1	1.7	-0.7	1.8	0.1
5/15/2020 3:54 AM	-0.1	1.7	-0.7	1.8	0.1
5/15/2020 4:00 AM	-0.1	1.7	-0.7	1.9	0.1
5/15/2020 4:06 AM	-0.1	1.6	-0.7	1.8	0.1
5/15/2020 4:12 AM	-0.1	1.6	-0.7	1.7	0.1
5/15/2020 4:18 AM	-0.1	1.5	-0.7	1.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 4:24 AM	-0.1	1.5	-0.7	1.7	0.1
5/15/2020 4:30 AM	-0.1	1.4	-0.7	1.8	0.1
5/15/2020 4:36 AM	-0.1	1.4	-0.7	1.8	0.1
5/15/2020 4:42 AM	-0.1	1.4	-0.7	1.9	0.1
5/15/2020 4:48 AM	-0.1	1.4	-0.7	2	0.1
5/15/2020 4:54 AM	-0.1	1.4	-0.7	2	0.1
5/15/2020 5:00 AM	-0.1	1.4	-0.7	2	0.1
5/15/2020 5:06 AM	-0.1	1.4	-0.7	2	0.1
5/15/2020 5:12 AM	-0.1	1.4	-0.8	2	0.1
5/15/2020 5:18 AM	-0.1	1.4	-0.8	2	0.1
5/15/2020 5:24 AM	-0.1	1.5	-0.8	1.9	0.1
5/15/2020 5:30 AM	-0.1	1.5	-0.8	1.9	0.1
5/15/2020 5:36 AM	-0.1	1.6	-0.8	1.9	0.1
5/15/2020 5:42 AM	-0.1	1.6	-0.8	1.8	0.1
5/15/2020 5:48 AM	-0.1	1.6	-0.8	1.8	0.1
5/15/2020 5:54 AM	-0.1	1.6	-0.8	1.8	0.1
5/15/2020 6:00 AM	-0.1	1.6	-0.8	1.7	0.1
5/15/2020 6:06 AM	-0.1	1.6	-0.8	1.6	0.1
5/15/2020 6:12 AM	-0.1	1.6	-0.8	1.5	0.1
5/15/2020 6:18 AM	-0.1	1.5	-0.8	1.6	0.1
5/15/2020 6:24 AM	-0.1	1.5	-0.7	1.6	0.1
5/15/2020 6:30 AM	-0.1	1.5	-0.8	1.6	0.1
5/15/2020 6:36 AM	0	1.4	-0.8	1.6	0.1
5/15/2020 6:42 AM	0	1.4	-0.8	1.7	0.1
5/15/2020 6:48 AM	0	1.5	-0.8	1.7	0.1
5/15/2020 6:54 AM	0	1.5	-0.8	1.6	0.1
5/15/2020 7:00 AM	0	1.5	-0.8	1.6	0.1
5/15/2020 7:06 AM	0	1.6	-0.8	1.7	0.1
5/15/2020 7:12 AM	0	1.6	12.9	1.4	0.1
5/15/2020 7:18 AM	0	6	24.6	0.3	7.5
5/15/2020 7:24 AM	0	17.2	12.1	-0.3	9.8
5/15/2020 7:30 AM	0	12.5	7.9	-0.3	2.7
5/15/2020 7:36 AM	0	7.7	7.4	-0.3	1.1
5/15/2020 7:42 AM	0	7.3	6.1	-0.3	0.5
5/15/2020 7:48 AM	0	6.5	4.6	-0.3	0.4
5/15/2020 7:54 AM	0	5.5	2.9	-0.4	0.3
5/15/2020 8:00 AM	0	4.7	2.4	-0.4	0.2
5/15/2020 8:06 AM	0	4.1	2.3	-0.4	0.2
5/15/2020 8:12 AM	0	3.7	2.4	-0.4	0.2
5/15/2020 8:18 AM	0	3.3	2.5	-0.4	0.2
5/15/2020 8:24 AM	0	3.1	2.6	-0.4	0.1
5/15/2020 8:30 AM	0	3.1	2.6	-0.4	0.1
5/15/2020 8:36 AM	0	3.3	2.7	-0.4	0.1
5/15/2020 8:42 AM	0	3.4	2.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 8:48 AM	0.1	3.2	3	-0.4	0.1
5/15/2020 8:54 AM	0.1	3	3.1	-0.4	0.1
5/15/2020 9:00 AM	0.1	2.8	3.2	-0.4	0.1
5/15/2020 9:06 AM	0.1	2.6	3.5	-0.4	0.1
5/15/2020 9:12 AM	0.1	2.3	3.6	-0.4	0.1
5/15/2020 9:18 AM	0.1	2	3.6	-0.4	0.1
5/15/2020 9:24 AM	0.1	1.7	3.7	-0.4	0.1
5/15/2020 9:30 AM	0.1	1.3	3.7	-0.4	0.1
5/15/2020 9:36 AM	0.2	1.1	3.8	-0.4	0.1
5/15/2020 9:42 AM	0.2	0.8	3.8	-0.4	0.1
5/15/2020 9:48 AM	0.2	0.6	3.9	-0.4	0.1
5/15/2020 9:54 AM	0.2	0.5	4	-0.4	0.1
5/15/2020 10:00 AM	0.2	0.4	4.1	-0.4	0.1
5/15/2020 10:06 AM	0.2	0.2	4.1	-0.4	0.1
5/15/2020 10:12 AM	0.2	0.1	4.1	-0.4	0.1
5/15/2020 10:18 AM	0.2	0.1	4.1	-0.4	0.1
5/15/2020 10:24 AM	0.2	0.2	4.2	-0.4	0.1
5/15/2020 10:30 AM	0.2	0.3	4.2	-0.4	0.1
5/15/2020 10:36 AM	0.2	0.4	4.2	-0.4	0.1
5/15/2020 10:42 AM	0.2	0.5	4.2	-0.4	0.1
5/15/2020 10:48 AM	<Samp	<Samp	<Samp	<Samp	<Samp
5/15/2020 10:54 AM	Maintain	Maintain	Maintain	Maintain	Maintain
5/15/2020 11:00 AM	<Samp	<Samp	<Samp	<Samp	<Samp
5/15/2020 11:06 AM	0.2	0.9	4.1	-0.4	0.1
5/15/2020 11:12 AM	0.2	1	4.1	-0.4	0.1
5/15/2020 11:18 AM	0.2	1.1	4	-0.4	0.1
5/15/2020 11:24 AM	0.2	1.1	4	-0.4	0.1
5/15/2020 11:30 AM	0.2	1	4.1	-0.4	0.1
5/15/2020 11:36 AM	0.2	0.9	4.2	-0.4	0.1
5/15/2020 11:42 AM	0.2	0.8	4.3	-0.4	0.1
5/15/2020 11:48 AM	0.2	0.7	4.4	-0.4	0.1
5/15/2020 11:54 AM	0.2	0.7	4.4	-0.4	0.1
5/15/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/15/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/15/2020 12:12 PM	0	0.4	4.5	5	0.1
5/15/2020 12:18 PM	0	0.4	4.5	6	0.1
5/15/2020 12:24 PM	0	0.4	4.5	0.2	0.1
5/15/2020 12:30 PM	0	0.5	4.4	-0.4	0.1
5/15/2020 12:36 PM	0	0.6	4.4	-0.5	0.1
5/15/2020 12:42 PM	0	0.7	4.4	-0.5	0.1
5/15/2020 12:48 PM	0	0.7	4.4	-0.4	0.1
5/15/2020 12:54 PM	0	0.6	4.4	-0.4	0.1
5/15/2020 1:00 PM	0	0.5	4.4	-0.4	0.1
5/15/2020 1:06 PM	0	0.3	4.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 1:12 PM	0	0.1	4.6	-0.5	0.1
5/15/2020 1:18 PM	0	0.1	4.6	-0.4	0.1
5/15/2020 1:24 PM	0	0.2	4.5	-0.4	0.1
5/15/2020 1:30 PM	0	0.3	4.5	-0.4	0.1
5/15/2020 1:36 PM	0	0.4	4.3	-0.4	0.1
5/15/2020 1:42 PM	0	0.6	4.2	-0.5	0.1
5/15/2020 1:48 PM	0	0.8	4.1	-0.4	0.1
5/15/2020 1:54 PM	0	0.9	4.1	-0.4	0.1
5/15/2020 2:00 PM	0	0.9	4.2	-0.5	0.1
5/15/2020 2:06 PM	0	0.8	4.3	-0.4	0.1
5/15/2020 2:12 PM	0	0.7	4.3	-0.4	0.1
5/15/2020 2:18 PM	0	0.6	4.3	-0.4	0.1
5/15/2020 2:24 PM	0	0.6	4.4	-0.4	0.1
5/15/2020 2:30 PM	0	0.7	4.3	-0.4	0.1
5/15/2020 2:36 PM	0	0.9	4.2	-0.4	0.1
5/15/2020 2:42 PM	0	1	4.2	-0.4	0.1
5/15/2020 2:48 PM	0	1.2	4.2	-0.4	0.1
5/15/2020 2:54 PM	0	1.3	4.3	-0.4	0.1
5/15/2020 3:00 PM	0	1.5	4.2	-0.4	0.1
5/15/2020 3:06 PM	0	1.6	4.2	-0.4	0.1
5/15/2020 3:12 PM	0	1.6	4.2	-0.4	0.1
5/15/2020 3:18 PM	0	1.6	4.1	-0.4	0.1
5/15/2020 3:24 PM	0	1.5	4.1	-0.4	0.1
5/15/2020 3:30 PM	0	1.4	4.1	-0.4	0.1
5/15/2020 3:36 PM	0	1.3	4.1	-0.4	0.1
5/15/2020 3:42 PM	0	1.3	4.1	-0.4	0.1
5/15/2020 3:48 PM	0	1.2	4	-0.4	0.1
5/15/2020 3:54 PM	0	1	4.1	-0.4	0.1
5/15/2020 4:00 PM	0	0.8	4.1	-0.4	0.1
5/15/2020 4:06 PM	0	0.8	4.1	-0.4	0.1
5/15/2020 4:12 PM	-0.1	0.9	4.1	-0.4	0.1
5/15/2020 4:18 PM	-0.1	1	4.1	-0.4	0.1
5/15/2020 4:24 PM	-0.1	1	4	-0.4	0.1
5/15/2020 4:30 PM	-0.1	1	4	-0.4	0.1
5/15/2020 4:36 PM	-0.1	1.1	4	-0.4	0.1
5/15/2020 4:42 PM	-0.1	1.1	4	-0.4	0.1
5/15/2020 4:48 PM	-0.1	1.1	4	-0.4	0.1
5/15/2020 4:54 PM	-0.1	1.2	4	-0.4	0.1
5/15/2020 5:00 PM	-0.1	1.3	4	-0.4	0.1
5/15/2020 5:06 PM	-0.1	1.3	4.1	-0.4	0.1
5/15/2020 5:12 PM	-0.1	1.3	4	-0.4	0.1
5/15/2020 5:18 PM	-0.1	1.4	4	-0.4	0.1
5/15/2020 5:24 PM	-0.1	1.5	4	-0.4	0.1
5/15/2020 5:30 PM	-0.1	1.6	4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 5:36 PM	-0.1	1.6	4	-0.4	0.1
5/15/2020 5:42 PM	-0.1	1.6	4.1	-0.4	0.1
5/15/2020 5:48 PM	-0.1	1.7	4.1	-0.4	0.1
5/15/2020 5:54 PM	-0.1	1.7	4	-0.4	0.1
5/15/2020 6:00 PM	-0.1	1.6	4	-0.4	0.1
5/15/2020 6:06 PM	-0.1	1.5	4.1	-0.4	0.1
5/15/2020 6:12 PM	-0.1	1.4	4.1	-0.4	0.1
5/15/2020 6:18 PM	-0.1	1.4	4.2	-0.4	0.1
5/15/2020 6:24 PM	-0.1	1.3	4.2	-0.4	0.1
5/15/2020 6:30 PM	-0.1	1.3	4.1	-0.4	0.1
5/15/2020 6:36 PM	-0.1	1.4	4.1	-0.4	0.1
5/15/2020 6:42 PM	-0.1	1.4	4	-0.4	0.1
5/15/2020 6:48 PM	-0.1	1.4	4.1	-0.4	0.1
5/15/2020 6:54 PM	-0.1	1.4	4.1	-0.4	0.1
5/15/2020 7:00 PM	-0.1	1.3	4.2	-0.4	0.1
5/15/2020 7:06 PM	-0.1	1.2	4.2	-0.4	0.1
5/15/2020 7:12 PM	-0.1	1.1	4.2	-0.4	0.1
5/15/2020 7:18 PM	-0.1	1.1	4.2	-0.4	0.1
5/15/2020 7:24 PM	-0.1	1.1	4.2	-0.4	0.1
5/15/2020 7:30 PM	-0.1	1.1	4.2	-0.4	0.1
5/15/2020 7:36 PM	-0.1	1.2	4.2	-0.4	0.1
5/15/2020 7:42 PM	-0.1	1.1	4.1	-0.4	0.1
5/15/2020 7:48 PM	-0.2	1.1	4.1	-0.4	0.1
5/15/2020 7:54 PM	-0.2	1.1	4.1	-0.4	0.1
5/15/2020 8:00 PM	-0.2	1.1	4.2	-0.4	0.1
5/15/2020 8:06 PM	-0.2	1.1	4.1	-0.4	0.1
5/15/2020 8:12 PM	-0.2	1.1	4.1	-0.4	0.1
5/15/2020 8:18 PM	-0.2	1.1	4.2	-0.4	0.1
5/15/2020 8:24 PM	-0.2	1.1	4.2	-0.4	0.1
5/15/2020 8:30 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 8:36 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 8:42 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 8:48 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 8:54 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 9:00 PM	-0.2	1.2	4.1	-0.4	0.1
5/15/2020 9:06 PM	-0.2	1.5	4	-0.4	0.1
5/15/2020 9:12 PM	-0.2	2	3.9	-0.3	0.1
5/15/2020 9:18 PM	-0.2	2.1	4.1	-0.3	0.1
5/15/2020 9:24 PM	-0.2	2	4.4	-0.3	0.1
5/15/2020 9:30 PM	-0.2	2	4.7	-0.3	0.1
5/15/2020 9:36 PM	-0.2	1.9	5	-0.3	0.1
5/15/2020 9:42 PM	-0.2	1.7	5.2	-0.3	0.1
5/15/2020 9:48 PM	-0.2	1.5	5.3	-0.4	0.1
5/15/2020 9:54 PM	-0.2	1.3	5.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/15/2020 10:00 PM	-0.2	1.2	5.3	-0.4	0.1
5/15/2020 10:06 PM	-0.2	1.1	5.4	-0.4	0.1
5/15/2020 10:12 PM	-0.2	1	5.4	-0.4	0.1
5/15/2020 10:18 PM	-0.2	0.9	5.4	-0.4	0.1
5/15/2020 10:24 PM	-0.2	0.9	5.2	-0.4	0.1
5/15/2020 10:30 PM	-0.2	1.1	4.8	-0.3	0.1
5/15/2020 10:36 PM	-0.2	1.3	4.6	-0.3	0.1
5/15/2020 10:42 PM	-0.2	1.3	4.6	-0.3	0.1
5/15/2020 10:48 PM	-0.2	1.3	4.7	-0.3	0.1
5/15/2020 10:54 PM	-0.2	1.3	4.9	-0.3	0.1
5/15/2020 11:00 PM	-0.2	1.2	5	-0.3	0.1
5/15/2020 11:06 PM	-0.2	1.2	5.1	-0.3	0.1
5/15/2020 11:12 PM	-0.3	1.2	5.3	-0.3	0.1
5/15/2020 11:18 PM	-0.3	1.1	5.4	-0.3	0.1
5/15/2020 11:24 PM	-0.3	1	5.3	-0.3	0.1
5/15/2020 11:30 PM	-0.3	1	5.3	-0.3	0.1
5/15/2020 11:36 PM	-0.3	1.1	5.2	-0.3	0.1
5/15/2020 11:42 PM	-0.3	1.1	5.2	-0.3	0.1
5/15/2020 11:48 PM	-0.3	1	5.2	-0.3	0.1
5/15/2020 11:54 PM	-0.3	1	5.1	-0.3	0.1
5/16/2020 12:00 AM	-0.3	0.9	4.9	-0.3	0.1
5/16/2020 12:06 AM	-0.3	0.8	4.8	-0.3	0.1
5/16/2020 12:12 AM	-0.3	0.8	4.9	-0.3	0.1
5/16/2020 12:18 AM	-0.3	0.8	4.9	-0.3	0.1
5/16/2020 12:24 AM	-0.3	0.7	4.8	-0.3	0.1
5/16/2020 12:30 AM	-0.3	0.8	4.8	-0.3	0.1
5/16/2020 12:36 AM	-0.3	0.8	4.7	-0.3	0.1
5/16/2020 12:42 AM	-0.3	0.9	4.6	-0.3	0.1
5/16/2020 12:48 AM	-0.3	0.9	4.7	-0.3	0.1
5/16/2020 12:54 AM	-0.3	0.8	4.7	-0.3	0.1
5/16/2020 1:00 AM	-0.3	0.8	4.6	-0.3	0.1
5/16/2020 1:06 AM	-0.3	0.8	4.2	-0.3	0.1
5/16/2020 1:12 AM	-0.3	0.8	3.6	-0.3	0.1
5/16/2020 1:18 AM	-0.3	0.8	3.2	-0.3	0.1
5/16/2020 1:24 AM	-0.3	0.8	3	-0.3	0.1
5/16/2020 1:30 AM	-0.3	0.8	2.9	-0.3	0.1
5/16/2020 1:36 AM	-0.3	0.8	2.8	-0.3	0.1
5/16/2020 1:42 AM	-0.3	0.8	2.8	-0.3	0.1
5/16/2020 1:48 AM	-0.3	0.8	2.8	-0.3	0.1
5/16/2020 1:54 AM	-0.3	0.8	2.8	-0.3	0.1
5/16/2020 2:00 AM	-0.3	0.8	2.7	-0.3	0.1
5/16/2020 2:06 AM	-0.3	0.8	2.7	-0.3	0.1
5/16/2020 2:12 AM	-0.3	0.8	2.7	-0.3	0.1
5/16/2020 2:18 AM	-0.3	0.8	2.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/16/2020 2:24 AM	-0.3	0.8	2.7	-0.3	0.1
5/16/2020 2:30 AM	-0.3	0.8	2.7	-0.3	0.1
5/16/2020 2:36 AM	-0.3	0.8	2.6	-0.3	0.1
5/16/2020 2:42 AM	-0.3	0.9	2.6	-0.3	0.1
5/16/2020 2:48 AM	-0.3	0.9	2.6	-0.3	0.1
5/16/2020 2:54 AM	-0.3	0.9	2.7	-0.3	0.1
5/16/2020 3:00 AM	-0.3	0.9	2.8	-0.3	0.1
5/16/2020 3:06 AM	-0.3	1	3.3	-0.3	0.1
5/16/2020 3:12 AM	-0.3	1	3.5	-0.3	0.1
5/16/2020 3:18 AM	-0.3	1	3.4	-0.3	0.1
5/16/2020 3:24 AM	-0.3	0.9	3.3	-0.2	0.1
5/16/2020 3:30 AM	-0.3	0.7	3.2	-0.2	0.1
5/16/2020 3:36 AM	-0.3	0.6	3.4	-0.2	0.1
5/16/2020 3:42 AM	-0.3	0.4	3.4	-0.2	0.1
5/16/2020 3:48 AM	-0.3	0.3	3.4	-0.2	0.1
5/16/2020 3:54 AM	-0.3	0.3	3.4	-0.2	0.1
5/16/2020 4:00 AM	-0.3	0.2	3.3	-0.2	0.1
5/16/2020 4:06 AM	-0.3	0.2	2.8	-0.2	0.1
5/16/2020 4:12 AM	-0.3	0.2	2.6	-0.2	0.1
5/16/2020 4:18 AM	-0.3	0.2	2.6	-0.2	0.1
5/16/2020 4:24 AM	-0.3	0.3	2.7	-0.2	0.1
5/16/2020 4:30 AM	-0.3	0.3	2.6	-0.2	0.1
5/16/2020 4:36 AM	-0.3	0.4	2.5	-0.2	0.1
5/16/2020 4:42 AM	-0.3	0.4	2.6	-0.2	0.1
5/16/2020 4:48 AM	-0.3	0.5	2.6	-0.2	0.1
5/16/2020 4:54 AM	-0.3	0.5	2.5	-0.2	0.1
5/16/2020 5:00 AM	-0.3	0.5	2.3	-0.2	0.1
5/16/2020 5:06 AM	-0.3	0.5	2.2	-0.2	0.1
5/16/2020 5:12 AM	-0.3	0.6	2.1	-0.2	0.1
5/16/2020 5:18 AM	-0.3	0.6	2.2	-0.2	0.1
5/16/2020 5:24 AM	-0.3	0.6	2.1	-0.2	0.1
5/16/2020 5:30 AM	-0.3	0.7	2.1	-0.2	0.1
5/16/2020 5:36 AM	-0.3	0.7	2.1	-0.2	0.1
5/16/2020 5:42 AM	-0.3	0.7	2.2	-0.2	0.1
5/16/2020 5:48 AM	-0.3	0.7	2.2	-0.2	0.1
5/16/2020 5:54 AM	-0.3	0.8	2.3	-0.2	0.1
5/16/2020 6:00 AM	-0.3	0.8	2.2	-0.2	0.1
5/16/2020 6:06 AM	-0.3	0.9	2.3	-0.2	0.1
5/16/2020 6:12 AM	-0.3	1	2.4	-0.2	0.1
5/16/2020 6:18 AM	-0.3	1.2	2.4	-0.2	0.1
5/16/2020 6:24 AM	-0.3	1.4	2.5	-0.2	0.1
5/16/2020 6:30 AM	-0.3	1.4	2.5	-0.2	0.1
5/16/2020 6:36 AM	-0.3	1.4	2.4	-0.2	0.1
5/16/2020 6:42 AM	-0.3	1.3	2.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/16/2020 6:48 AM	-0.3	1.3	2.4	-0.2	0.1
5/16/2020 6:54 AM	-0.3	1.3	2.4	-0.2	0.1
5/16/2020 7:00 AM	-0.3	1.4	2.3	-0.2	0.1
5/16/2020 7:06 AM	-0.3	1.4	2.2	-0.2	0.1
5/16/2020 7:12 AM	-0.3	10.8	2.2	-0.2	0.1
5/16/2020 7:18 AM	-0.4	13.4	2.2	6.3	0.1
5/16/2020 7:24 AM	-0.4	5.6	2.8	10	9.1
5/16/2020 7:30 AM	-0.4	5.6	4.3	2.4	11.1
5/16/2020 7:36 AM	-0.3	5.1	3.7	0.1	2.1
5/16/2020 7:42 AM	-0.3	4.4	2.7	-0.2	1.1
5/16/2020 7:48 AM	-0.3	3.8	2.7	-0.3	0.7
5/16/2020 7:54 AM	-0.3	3	2.8	-0.3	0.5
5/16/2020 8:00 AM	-0.3	2.2	2.8	-0.2	0.3
5/16/2020 8:06 AM	-0.3	1.9	2.8	-0.2	0.2
5/16/2020 8:12 AM	-0.3	1.7	2.7	-0.3	0.2
5/16/2020 8:18 AM	-0.3	1.6	2.7	-0.3	0.1
5/16/2020 8:24 AM	-0.3	1.6	2.7	-0.3	0.1
5/16/2020 8:30 AM	-0.3	1.7	2.7	-0.3	0.1
5/16/2020 8:36 AM	-0.3	1.9	2.7	-0.3	0.1
5/16/2020 8:42 AM	-0.3	2	2.7	-0.3	0.1
5/16/2020 8:48 AM	-0.3	2	2.7	-0.3	0.1
5/16/2020 8:54 AM	-0.3	1.9	2.7	-0.3	0.1
5/16/2020 9:00 AM	-0.3	1.7	2.8	-0.3	0.1
5/16/2020 9:06 AM	-0.3	1.7	2.8	-0.3	0.1
5/16/2020 9:12 AM	-0.2	1.6	2.8	-0.3	0.1
5/16/2020 9:18 AM	-0.2	1.5	2.7	-0.2	0.1
5/16/2020 9:24 AM	-0.2	1.4	2.8	-0.2	0.1
5/16/2020 9:30 AM	-0.2	1.2	2.8	-0.2	0.1
5/16/2020 9:36 AM	-0.2	0.9	2.7	-0.2	0.1
5/16/2020 9:42 AM	-0.2	0.7	2.7	-0.2	0.1
5/16/2020 9:48 AM	-0.2	0.6	3	-0.2	0.1
5/16/2020 9:54 AM	-0.2	0.5	3.3	-0.2	0.1
5/16/2020 10:00 AM	-0.2	0.4	3.4	-0.2	0.1
5/16/2020 10:06 AM	-0.2	0.3	3.4	-0.2	0.1
5/16/2020 10:12 AM	-0.2	0.2	3.6	-0.2	0.1
5/16/2020 10:18 AM	-0.2	0.1	3.6	-0.2	0.1
5/16/2020 10:24 AM	-0.3	0.1	3.7	-0.2	0.1
5/16/2020 10:30 AM	-0.3	0.1	3.8	-0.2	0.1
5/16/2020 10:36 AM	-0.3	0.2	3.6	-0.2	0.1
5/16/2020 10:42 AM	-0.3	0.3	3.7	-0.2	0.1
5/16/2020 10:48 AM	-0.3	0.3	3.8	-0.2	0.1
5/16/2020 10:54 AM	-0.3	0.3	4	-0.2	0.1
5/16/2020 11:00 AM	-0.3	0.3	4.2	-0.2	0.1
5/16/2020 11:06 AM	-0.3	0.3	4.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/16/2020 11:12 AM	-0.3	0.3	4.6	-0.2	0.1
5/16/2020 11:18 AM	-0.3	0.3	4.7	-0.2	0.1
5/16/2020 11:24 AM	-0.3	0.3	4.8	-0.2	0.1
5/16/2020 11:30 AM	-0.2	0.3	4.9	-0.2	0.1
5/16/2020 11:36 AM	-0.2	0.2	5	-0.2	0.1
5/16/2020 11:42 AM	-0.2	0.1	4.9	-0.2	0.1
5/16/2020 11:48 AM	-0.2	0.1	4.8	-0.2	0.1
5/16/2020 11:54 AM	-0.2	0.1	4.9	-0.2	0.1
5/16/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/16/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/16/2020 12:12 PM	-0.1	0	5.3	-0.3	0.1
5/16/2020 12:18 PM	-0.1	0	5.2	-0.3	0.1
5/16/2020 12:24 PM	-0.1	0.1	4.9	-0.3	0.1
5/16/2020 12:30 PM	0	0.2	4.7	-0.3	0.1
5/16/2020 12:36 PM	0	0.3	4.7	-0.3	0.1
5/16/2020 12:42 PM	0	0.4	4.8	-0.3	0.1
5/16/2020 12:48 PM	0	0.4	4.7	-0.3	0.1
5/16/2020 12:54 PM	0	0.3	4.9	-0.3	0.1
5/16/2020 1:00 PM	0	0.2	5	-0.3	0.1
5/16/2020 1:06 PM	-0.1	0.1	5.2	-0.3	0.1
5/16/2020 1:12 PM	-0.1	0.1	5.2	-0.3	0.1
5/16/2020 1:18 PM	-0.1	0	5.3	-0.3	0.1
5/16/2020 1:24 PM	-0.1	0	5.4	-0.3	0.1
5/16/2020 1:30 PM	-0.1	0.1	5.3	-0.2	0.1
5/16/2020 1:36 PM	-0.1	0.1	5.2	-0.2	0.1
5/16/2020 1:42 PM	-0.1	0.1	5	-0.2	0.1
5/16/2020 1:48 PM	-0.1	0.2	5	-0.2	0.1
5/16/2020 1:54 PM	-0.1	0.2	5	-0.2	0.1
5/16/2020 2:00 PM	-0.1	0.2	5	-0.2	0.1
5/16/2020 2:06 PM	-0.1	0.2	5.1	-0.2	0.1
5/16/2020 2:12 PM	-0.1	0.2	5.2	-0.2	0.1
5/16/2020 2:18 PM	-0.1	0.2	5.1	-0.3	0.1
5/16/2020 2:24 PM	-0.1	0.3	5	-0.3	0.1
5/16/2020 2:30 PM	-0.1	0.4	5	-0.3	0.1
5/16/2020 2:36 PM	-0.1	0.5	4.9	-0.3	0.1
5/16/2020 2:42 PM	-0.1	0.6	4.9	-0.3	0.1
5/16/2020 2:48 PM	-0.1	0.6	5	-0.3	0.1
5/16/2020 2:54 PM	-0.1	0.7	4.9	-0.3	0.1
5/16/2020 3:00 PM	-0.1	0.8	4.7	-0.3	0.1
5/16/2020 3:06 PM	-0.1	0.9	4.7	-0.2	0.1
5/16/2020 3:12 PM	-0.1	0.9	4.6	-0.2	0.1
5/16/2020 3:18 PM	-0.1	1	4.7	-0.2	0.1
5/16/2020 3:24 PM	-0.1	1	4.6	-0.2	0.1
5/16/2020 3:30 PM	-0.1	0.9	4.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/16/2020 3:36 PM	-0.1	0.8	4.4	-0.2	0.1
5/16/2020 3:42 PM	-0.1	0.7	4.4	-0.2	0.1
5/16/2020 3:48 PM	-0.1	0.6	4.4	-0.2	0.1
5/16/2020 3:54 PM	-0.1	0.6	4.4	-0.2	0.1
5/16/2020 4:00 PM	-0.1	0.5	4.3	-0.2	0.1
5/16/2020 4:06 PM	-0.1	0.5	4.2	-0.2	0.1
5/16/2020 4:12 PM	-0.1	0.4	4.2	-0.2	0.1
5/16/2020 4:18 PM	-0.1	0.5	4.2	-0.2	0.1
5/16/2020 4:24 PM	-0.1	0.5	4.3	-0.3	0.1
5/16/2020 4:30 PM	-0.1	0.4	4.3	-0.3	0.1
5/16/2020 4:36 PM	-0.1	0.4	4.3	-0.3	0.1
5/16/2020 4:42 PM	-0.1	0.4	4.3	-0.3	0.1
5/16/2020 4:48 PM	-0.1	0.4	4.4	-0.3	0.1
5/16/2020 4:54 PM	-0.1	0.4	4.4	-0.3	0.1
5/16/2020 5:00 PM	-0.1	0.4	4.5	-0.3	0.1
5/16/2020 5:06 PM	-0.1	0.4	4.6	-0.3	0.1
5/16/2020 5:12 PM	-0.1	0.3	4.7	-0.3	0.1
5/16/2020 5:18 PM	-0.1	0.3	4.7	-0.3	0.1
5/16/2020 5:24 PM	-0.1	0.3	4.6	-0.3	0.1
5/16/2020 5:30 PM	-0.1	0.3	4.6	-0.3	0.1
5/16/2020 5:36 PM	-0.1	0.3	4.6	-0.3	0.1
5/16/2020 5:42 PM	-0.1	0.4	4.6	-0.3	0.1
5/16/2020 5:48 PM	-0.1	0.4	4.7	-0.3	0.1
5/16/2020 5:54 PM	-0.1	0.5	4.7	-0.3	0.1
5/16/2020 6:00 PM	-0.1	0.7	4.8	-0.3	0.1
5/16/2020 6:06 PM	-0.1	0.8	4.8	-0.3	0.1
5/16/2020 6:12 PM	-0.1	1.1	4.8	-0.3	0.1
5/16/2020 6:18 PM	-0.1	1.5	4.6	-0.3	0.1
5/16/2020 6:24 PM	-0.1	1.8	4.4	-0.3	0.1
5/16/2020 6:30 PM	-0.1	2.1	4.3	-0.2	0.1
5/16/2020 6:36 PM	-0.1	2.1	4.2	-0.2	0.1
5/16/2020 6:42 PM	-0.1	2.1	4.1	-0.2	0.1
5/16/2020 6:48 PM	-0.1	2.1	4	-0.2	0.1
5/16/2020 6:54 PM	-0.1	2.1	3.9	-0.2	0.1
5/16/2020 7:00 PM	-0.1	2.1	3.8	-0.2	0.1
5/16/2020 7:06 PM	-0.2	2	3.8	-0.2	0.1
5/16/2020 7:12 PM	-0.2	2	3.9	-0.2	0.1
5/16/2020 7:18 PM	-0.2	2	3.9	-0.2	0.1
5/16/2020 7:24 PM	-0.2	1.9	4	-0.2	0.1
5/16/2020 7:30 PM	-0.2	1.9	4.1	-0.2	0.1
5/16/2020 7:36 PM	-0.2	1.9	4.2	-0.2	0.1
5/16/2020 7:42 PM	-0.2	1.9	4.3	-0.2	0.1
5/16/2020 7:48 PM	-0.2	1.9	4.4	-0.2	0.1
5/16/2020 7:54 PM	-0.2	1.8	4.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/16/2020 8:00 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:06 PM	-0.2	1.8	4.3	-0.2	0.1
5/16/2020 8:12 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:18 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:24 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:30 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:36 PM	-0.2	1.8	4.4	-0.2	0.1
5/16/2020 8:42 PM	-0.2	1.8	4.3	-0.2	0.1
5/16/2020 8:48 PM	-0.2	1.8	4.3	-0.2	0.1
5/16/2020 8:54 PM	-0.2	1.8	4.3	-0.2	0.1
5/16/2020 9:00 PM	-0.2	1.8	4.2	-0.2	0.1
5/16/2020 9:06 PM	-0.2	1.9	4.2	-0.2	0.1
5/16/2020 9:12 PM	-0.2	1.9	4.2	-0.2	0.1
5/16/2020 9:18 PM	-0.2	1.9	4.2	-0.2	0
5/16/2020 9:24 PM	-0.2	1.9	4.3	-0.2	0
5/16/2020 9:30 PM	-0.2	1.9	4.3	-0.2	0
5/16/2020 9:36 PM	-0.2	1.9	4.3	-0.2	0
5/16/2020 9:42 PM	-0.2	1.9	4.2	-0.2	0
5/16/2020 9:48 PM	-0.2	1.9	4.2	-0.2	0
5/16/2020 9:54 PM	-0.3	1.8	4.2	-0.2	0
5/16/2020 10:00 PM	-0.2	1.8	4.1	-0.2	0
5/16/2020 10:06 PM	-0.2	1.8	4	-0.2	0
5/16/2020 10:12 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:18 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:24 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:30 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:36 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:42 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:48 PM	-0.3	1.8	4	-0.2	0
5/16/2020 10:54 PM	-0.3	1.8	4	-0.2	0
5/16/2020 11:00 PM	-0.3	1.8	4	-0.2	0
5/16/2020 11:06 PM	-0.3	1.7	4	-0.2	0
5/16/2020 11:12 PM	-0.3	1.7	3.6	-0.2	0
5/16/2020 11:18 PM	-0.3	1.7	3.2	-0.2	0
5/16/2020 11:24 PM	-0.3	1.8	3.1	-0.2	0
5/16/2020 11:30 PM	-0.3	1.8	3	-0.2	0
5/16/2020 11:36 PM	-0.4	1.7	2.9	-0.2	0
5/16/2020 11:42 PM	-0.4	1.7	2.8	-0.2	0
5/16/2020 11:48 PM	-0.4	1.7	2.8	-0.2	0
5/16/2020 11:54 PM	-0.4	1.7	2.7	-0.2	0
5/17/2020 12:00 AM	-0.4	1.7	2.6	-0.2	0
5/17/2020 12:06 AM	-0.4	1.7	2.6	-0.2	0
5/17/2020 12:12 AM	-0.4	1.7	2.6	-0.2	0
5/17/2020 12:18 AM	-0.4	1.7	2.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 12:24 AM	-0.4	1.7	2.6	-0.2	0
5/17/2020 12:30 AM	-0.4	1.7	2.7	-0.2	0
5/17/2020 12:36 AM	-0.4	1.7	2.7	-0.2	0
5/17/2020 12:42 AM	-0.4	1.7	2.6	-0.2	0
5/17/2020 12:48 AM	-0.4	1.8	2.5	-0.2	0
5/17/2020 12:54 AM	-0.5	1.8	2.5	-0.2	0
5/17/2020 1:00 AM	-0.5	1.7	2.4	-0.2	0
5/17/2020 1:06 AM	-0.5	1.7	2.5	-0.2	0
5/17/2020 1:12 AM	-0.5	1.7	2.5	-0.2	0
5/17/2020 1:18 AM	-0.5	1.7	2.5	-0.2	0
5/17/2020 1:24 AM	-0.5	1.7	2.4	-0.2	0
5/17/2020 1:30 AM	-0.5	1.7	2.4	-0.2	0
5/17/2020 1:36 AM	-0.5	1.7	2.4	-0.2	0
5/17/2020 1:42 AM	-0.5	1.7	2.4	-0.2	0
5/17/2020 1:48 AM	-0.5	1.7	2.3	-0.2	0
5/17/2020 1:54 AM	-0.5	1.8	2.1	-0.2	0
5/17/2020 2:00 AM	-0.5	1.8	1.9	-0.2	0
5/17/2020 2:06 AM	-0.5	1.9	1.9	-0.2	0
5/17/2020 2:12 AM	-0.5	2	1.8	-0.2	0
5/17/2020 2:18 AM	-0.5	2	1.8	-0.2	0
5/17/2020 2:24 AM	-0.5	2	1.8	-0.2	0
5/17/2020 2:30 AM	-0.5	2	1.8	-0.2	0
5/17/2020 2:36 AM	-0.5	2.1	1.9	-0.2	0
5/17/2020 2:42 AM	-0.5	2.1	1.9	-0.2	0
5/17/2020 2:48 AM	-0.5	2.1	1.9	-0.2	0
5/17/2020 2:54 AM	-0.5	2.1	1.9	-0.2	0
5/17/2020 3:00 AM	-0.5	2.1	1.9	-0.2	0
5/17/2020 3:06 AM	-0.5	2.1	1.8	-0.2	0
5/17/2020 3:12 AM	-0.5	2.1	1.7	-0.2	0
5/17/2020 3:18 AM	-0.5	2.1	1.7	-0.2	0
5/17/2020 3:24 AM	-0.5	2.1	1.7	-0.2	0
5/17/2020 3:30 AM	-0.5	2	1.7	-0.2	0
5/17/2020 3:36 AM	-0.5	2	1.7	-0.2	0
5/17/2020 3:42 AM	-0.5	1.9	1.7	-0.2	0
5/17/2020 3:48 AM	-0.5	1.9	1.8	-0.2	0
5/17/2020 3:54 AM	-0.5	1.8	1.8	-0.2	0
5/17/2020 4:00 AM	-0.5	1.8	1.7	-0.2	0
5/17/2020 4:06 AM	-0.5	1.8	1.7	-0.2	0
5/17/2020 4:12 AM	-0.5	1.8	1.7	-0.2	0
5/17/2020 4:18 AM	-0.5	1.8	1.7	-0.2	0
5/17/2020 4:24 AM	-0.5	1.9	1.7	-0.2	0
5/17/2020 4:30 AM	-0.5	1.9	1.7	-0.2	0
5/17/2020 4:36 AM	-0.5	1.9	1.7	-0.2	0
5/17/2020 4:42 AM	-0.5	2	1.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 4:48 AM	-0.5	2	1.7	-0.2	0
5/17/2020 4:54 AM	-0.5	2	1.7	-0.2	0
5/17/2020 5:00 AM	-0.5	2	1.8	-0.2	0
5/17/2020 5:06 AM	-0.5	2	1.8	-0.2	0
5/17/2020 5:12 AM	-0.5	2.1	1.8	-0.2	0
5/17/2020 5:18 AM	-0.5	2.1	1.8	-0.2	0
5/17/2020 5:24 AM	-0.5	2.1	1.7	-0.2	0
5/17/2020 5:30 AM	-0.5	2.1	1.8	-0.2	0
5/17/2020 5:36 AM	-0.5	2.1	1.8	-0.2	0
5/17/2020 5:42 AM	-0.5	2.2	1.8	-0.2	0
5/17/2020 5:48 AM	-0.5	2.2	1.8	-0.2	0
5/17/2020 5:54 AM	-0.5	2.2	1.8	-0.2	0
5/17/2020 6:00 AM	-0.5	2.2	1.8	-0.2	0
5/17/2020 6:06 AM	-0.5	2.2	1.8	-0.2	0
5/17/2020 6:12 AM	-0.5	2.5	1.7	-0.2	0
5/17/2020 6:18 AM	-0.5	2.8	1.6	-0.2	0
5/17/2020 6:24 AM	-0.5	2.8	1.6	-0.2	0
5/17/2020 6:30 AM	-0.5	2.8	1.5	-0.2	0
5/17/2020 6:36 AM	-0.5	2.7	1.6	-0.2	0
5/17/2020 6:42 AM	-0.5	2.7	1.6	-0.2	0
5/17/2020 6:48 AM	-0.4	2.6	1.6	-0.2	0
5/17/2020 6:54 AM	-0.4	2.6	1.5	-0.2	0
5/17/2020 7:00 AM	-0.4	2.6	1.5	-0.2	0
5/17/2020 7:06 AM	-0.4	2.5	1.6	-0.2	0
5/17/2020 7:12 AM	-0.4	7.8	1.6	-0.2	0
5/17/2020 7:18 AM	-0.4	15.6	1.8	-0.2	0
5/17/2020 7:24 AM	-0.4	9.4	2.3	13.2	4.6
5/17/2020 7:30 AM	-0.4	5.5	2.4	14.6	10.2
5/17/2020 7:36 AM	-0.4	5.4	2.5	1.9	3.9
5/17/2020 7:42 AM	-0.4	4.9	2.6	1	0.8
5/17/2020 7:48 AM	-0.4	4.6	2.5	0.5	0.5
5/17/2020 7:54 AM	-0.4	4.3	2.5	0.2	0.4
5/17/2020 8:00 AM	-0.4	4	2.4	0.1	0.3
5/17/2020 8:06 AM	-0.4	3.8	2.4	0.1	0.2
5/17/2020 8:12 AM	-0.3	3.5	2.5	0	0.1
5/17/2020 8:18 AM	-0.3	3.1	2.7	0	0.1
5/17/2020 8:24 AM	-0.3	2.8	2.8	0	0.1
5/17/2020 8:30 AM	-0.3	2.2	3	-0.1	0.1
5/17/2020 8:36 AM	-0.3	1.8	3	-0.1	0.1
5/17/2020 8:42 AM	-0.3	1.7	3	-0.2	0.1
5/17/2020 8:48 AM	-0.3	1.7	2.9	-0.2	0.1
5/17/2020 8:54 AM	-0.3	1.6	2.9	-0.3	0
5/17/2020 9:00 AM	-0.3	1.4	2.9	-0.3	0
5/17/2020 9:06 AM	-0.3	1.1	2.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 9:12 AM	-0.3	0.8	2.9	-0.2	0
5/17/2020 9:18 AM	-0.3	0.6	3	-0.2	0
5/17/2020 9:24 AM	-0.3	0.5	3	-0.2	0
5/17/2020 9:30 AM	-0.3	0.4	3	-0.2	0
5/17/2020 9:36 AM	-0.3	0.4	3	-0.2	0
5/17/2020 9:42 AM	-0.2	0.4	2.9	-0.2	0
5/17/2020 9:48 AM	-0.2	0.3	2.8	-0.2	0
5/17/2020 9:54 AM	-0.2	0.3	2.7	-0.2	0
5/17/2020 10:00 AM	-0.2	0.3	2.8	-0.2	0
5/17/2020 10:06 AM	-0.2	0.2	3.1	-0.2	0
5/17/2020 10:12 AM	-0.2	0.2	3.3	-0.2	0
5/17/2020 10:18 AM	-0.2	0.1	3.5	-0.2	0.1
5/17/2020 10:24 AM	-0.2	0	3.7	-0.2	0.1
5/17/2020 10:30 AM	-0.2	0	3.9	-0.2	0.1
5/17/2020 10:36 AM	-0.2	0	4	-0.2	0.1
5/17/2020 10:42 AM	-0.2	0.1	4.2	-0.2	0.1
5/17/2020 10:48 AM	-0.2	0.1	4.3	-0.2	0.1
5/17/2020 10:54 AM	-0.2	0.1	4.4	-0.2	0.1
5/17/2020 11:00 AM	-0.2	0.1	4.4	-0.2	0
5/17/2020 11:06 AM	-0.2	0.2	4.3	-0.2	0
5/17/2020 11:12 AM	-0.2	0.2	4.2	-0.2	0
5/17/2020 11:18 AM	-0.2	0.2	4.3	-0.2	0
5/17/2020 11:24 AM	-0.2	0.2	4.5	-0.2	0
5/17/2020 11:30 AM	-0.2	0.2	4.5	-0.2	0
5/17/2020 11:36 AM	-0.2	0.1	4.6	-0.2	0.1
5/17/2020 11:42 AM	-0.2	0	4.6	-0.2	0.1
5/17/2020 11:48 AM	-0.2	0	4.5	-0.2	0.1
5/17/2020 11:54 AM	-0.2	0.1	4.3	-0.2	0
5/17/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/17/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/17/2020 12:12 PM	-0.1	0.1	4.5	-0.2	0.1
5/17/2020 12:18 PM	-0.1	0.1	4.4	-0.2	0.1
5/17/2020 12:24 PM	-0.1	0.2	4.3	-0.2	0.1
5/17/2020 12:30 PM	-0.1	0.3	4.2	-0.2	0.1
5/17/2020 12:36 PM	-0.1	0.4	4.2	-0.2	0.1
5/17/2020 12:42 PM	-0.1	0.5	4.1	-0.2	0
5/17/2020 12:48 PM	-0.1	0.5	4.1	-0.2	0
5/17/2020 12:54 PM	-0.1	0.4	4.2	-0.2	0
5/17/2020 1:00 PM	-0.1	0.3	4.5	-0.2	0
5/17/2020 1:06 PM	-0.2	0.2	4.6	-0.2	0
5/17/2020 1:12 PM	-0.2	0.2	4.5	-0.2	0
5/17/2020 1:18 PM	-0.2	0.2	4.4	-0.2	0
5/17/2020 1:24 PM	-0.2	0.2	4.4	-0.2	0
5/17/2020 1:30 PM	-0.2	0.3	4.3	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 1:36 PM	-0.2	0.3	4.2	-0.2	0
5/17/2020 1:42 PM	-0.2	0.4	4.1	-0.2	0
5/17/2020 1:48 PM	-0.2	0.5	4	-0.2	0
5/17/2020 1:54 PM	-0.2	0.6	3.9	-0.2	0
5/17/2020 2:00 PM	-0.2	0.6	3.8	-0.2	0
5/17/2020 2:06 PM	-0.2	0.6	4	-0.2	0
5/17/2020 2:12 PM	-0.2	0.4	4.2	-0.2	0
5/17/2020 2:18 PM	-0.2	0.3	4.4	-0.2	0
5/17/2020 2:24 PM	-0.2	0.3	4.4	-0.2	0
5/17/2020 2:30 PM	-0.2	0.4	4.3	-0.2	0
5/17/2020 2:36 PM	-0.2	0.5	4.2	-0.2	0
5/17/2020 2:42 PM	-0.2	0.7	4	-0.2	0
5/17/2020 2:48 PM	-0.2	0.9	3.9	-0.2	0
5/17/2020 2:54 PM	-0.2	1	3.9	-0.2	0
5/17/2020 3:00 PM	-0.2	1.2	4	-0.2	0
5/17/2020 3:06 PM	-0.2	1.3	4	-0.2	0
5/17/2020 3:12 PM	-0.2	1.4	4	-0.2	0
5/17/2020 3:18 PM	-0.2	1.3	3.9	-0.2	0
5/17/2020 3:24 PM	-0.2	1.3	3.9	-0.2	0
5/17/2020 3:30 PM	-0.2	1.2	3.9	-0.2	0
5/17/2020 3:36 PM	-0.2	1	3.9	-0.2	0
5/17/2020 3:42 PM	-0.2	0.9	3.9	-0.2	0
5/17/2020 3:48 PM	-0.2	0.9	3.9	-0.2	0
5/17/2020 3:54 PM	-0.2	1	3.9	-0.2	0
5/17/2020 4:00 PM	-0.2	1	3.8	-0.2	0
5/17/2020 4:06 PM	-0.2	1.1	3.9	-0.2	0
5/17/2020 4:12 PM	-0.2	1.1	3.9	-0.2	0
5/17/2020 4:18 PM	-0.2	1.2	3.9	-0.2	0
5/17/2020 4:24 PM	-0.2	1.4	3.8	-0.2	0
5/17/2020 4:30 PM	-0.2	1.5	3.7	-0.2	0
5/17/2020 4:36 PM	-0.2	1.5	3.7	-0.2	0
5/17/2020 4:42 PM	-0.2	1.4	3.6	-0.2	0
5/17/2020 4:48 PM	-0.2	1.4	3.6	-0.2	0
5/17/2020 4:54 PM	-0.2	1.3	3.7	-0.2	0
5/17/2020 5:00 PM	-0.2	1.3	3.8	-0.2	0
5/17/2020 5:06 PM	-0.2	1.4	3.9	-0.2	0
5/17/2020 5:12 PM	-0.2	1.5	3.9	-0.2	0
5/17/2020 5:18 PM	-0.2	1.6	3.8	-0.2	0
5/17/2020 5:24 PM	-0.2	1.7	3.7	-0.2	0
5/17/2020 5:30 PM	-0.3	1.8	3.7	-0.2	0
5/17/2020 5:36 PM	-0.3	1.8	3.7	-0.2	0
5/17/2020 5:42 PM	-0.3	1.8	3.8	-0.2	0
5/17/2020 5:48 PM	-0.3	1.8	3.8	-0.2	0
5/17/2020 5:54 PM	-0.3	1.8	3.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 6:00 PM	-0.3	1.8	3.8	-0.2	0
5/17/2020 6:06 PM	-0.3	1.8	3.9	-0.2	0
5/17/2020 6:12 PM	-0.3	1.8	4	-0.2	0
5/17/2020 6:18 PM	-0.3	1.8	4.1	-0.2	0
5/17/2020 6:24 PM	-0.3	1.8	4.2	-0.2	0
5/17/2020 6:30 PM	-0.3	1.8	4.1	-0.2	0
5/17/2020 6:36 PM	-0.3	1.8	4.1	-0.2	0
5/17/2020 6:42 PM	-0.3	1.8	4.2	-0.2	0
5/17/2020 6:48 PM	-0.3	1.7	4.3	-0.2	0
5/17/2020 6:54 PM	-0.3	1.7	4.3	-0.2	0
5/17/2020 7:00 PM	-0.3	1.7	4.3	-0.2	0
5/17/2020 7:06 PM	-0.3	1.6	4.3	-0.2	0
5/17/2020 7:12 PM	-0.3	1.6	4.3	-0.2	0
5/17/2020 7:18 PM	-0.3	1.6	4.3	-0.2	0
5/17/2020 7:24 PM	-0.3	1.6	4.3	-0.2	0
5/17/2020 7:30 PM	-0.3	1.6	4.2	-0.2	0
5/17/2020 7:36 PM	-0.3	1.5	4.2	-0.2	0
5/17/2020 7:42 PM	-0.3	1.5	4.2	-0.2	0
5/17/2020 7:48 PM	-0.3	1.4	4.2	-0.2	0
5/17/2020 7:54 PM	-0.3	1.4	4.2	-0.2	0
5/17/2020 8:00 PM	-0.3	1.4	4.2	-0.2	0
5/17/2020 8:06 PM	-0.3	1.4	4.2	-0.2	0
5/17/2020 8:12 PM	-0.3	1.3	4.2	-0.2	0
5/17/2020 8:18 PM	-0.3	1.3	4.3	-0.2	0
5/17/2020 8:24 PM	-0.3	1.3	4.5	-0.2	0
5/17/2020 8:30 PM	-0.3	1.3	4.6	-0.2	0
5/17/2020 8:36 PM	-0.3	1.4	4.6	-0.2	0
5/17/2020 8:42 PM	-0.3	1.4	4.6	-0.2	0
5/17/2020 8:48 PM	-0.3	1.4	4.6	-0.2	0
5/17/2020 8:54 PM	-0.3	1.4	4.5	-0.2	0
5/17/2020 9:00 PM	-0.3	1.4	4.5	-0.2	0
5/17/2020 9:06 PM	-0.3	1.4	4.5	-0.2	0
5/17/2020 9:12 PM	-0.3	1.4	4.3	-0.2	0
5/17/2020 9:18 PM	-0.3	1.4	4.2	-0.2	0
5/17/2020 9:24 PM	-0.3	1.5	4.2	-0.2	0
5/17/2020 9:30 PM	-0.3	1.5	4.2	-0.2	0
5/17/2020 9:36 PM	-0.3	1.5	4.2	-0.2	0
5/17/2020 9:42 PM	-0.3	1.5	4.3	-0.2	0
5/17/2020 9:48 PM	-0.3	1.5	4.3	-0.2	0
5/17/2020 9:54 PM	-0.3	1.5	4.4	-0.2	0
5/17/2020 10:00 PM	-0.3	1.5	4.4	-0.2	0
5/17/2020 10:06 PM	-0.3	1.5	4.4	-0.2	0
5/17/2020 10:12 PM	-0.3	1.5	4.3	-0.2	0
5/17/2020 10:18 PM	-0.3	1.5	4.2	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/17/2020 10:24 PM	-0.3	1.6	4.1	-0.2	0
5/17/2020 10:30 PM	-0.4	1.6	4.1	-0.2	0
5/17/2020 10:36 PM	-0.4	1.6	4.1	-0.2	0
5/17/2020 10:42 PM	-0.4	1.6	4.2	-0.2	0
5/17/2020 10:48 PM	-0.4	1.6	4.3	-0.2	0
5/17/2020 10:54 PM	-0.4	1.6	4.4	-0.2	0
5/17/2020 11:00 PM	-0.4	1.6	4.4	-0.2	0
5/17/2020 11:06 PM	-0.4	1.6	4.4	-0.2	0
5/17/2020 11:12 PM	-0.4	1.6	4.4	-0.2	0
5/17/2020 11:18 PM	-0.4	1.6	4.5	-0.2	0
5/17/2020 11:24 PM	-0.4	1.6	4.6	-0.2	0
5/17/2020 11:30 PM	-0.4	1.6	4.7	-0.2	0
5/17/2020 11:36 PM	-0.4	1.6	4.7	-0.2	0
5/17/2020 11:42 PM	-0.4	1.6	4.7	-0.2	0
5/17/2020 11:48 PM	-0.4	1.6	4.7	-0.2	0
5/17/2020 11:54 PM	-0.4	1.6	4.6	-0.2	0
5/18/2020 12:00 AM	-0.4	1.6	4.6	-0.2	0
5/18/2020 12:06 AM	-0.4	1.6	4.6	-0.2	0
5/18/2020 12:12 AM	-0.4	1.6	4.6	-0.2	0
5/18/2020 12:18 AM	-0.4	1.6	4.4	-0.2	0
5/18/2020 12:24 AM	-0.4	1.6	4.2	-0.2	0
5/18/2020 12:30 AM	-0.4	1.6	4.2	-0.2	0
5/18/2020 12:36 AM	-0.4	1.6	4.3	-0.2	0
5/18/2020 12:42 AM	-0.4	1.6	4.5	-0.2	0
5/18/2020 12:48 AM	-0.4	1.6	4.4	-0.2	0
5/18/2020 12:54 AM	-0.4	1.6	4.3	-0.2	0
5/18/2020 1:00 AM	-0.4	1.7	4.3	-0.2	0
5/18/2020 1:06 AM	-0.4	1.7	4.3	-0.2	0
5/18/2020 1:12 AM	-0.4	1.7	4.4	-0.2	0
5/18/2020 1:18 AM	-0.4	1.7	4	-0.2	0
5/18/2020 1:24 AM	-0.3	1.7	3.1	-0.2	0
5/18/2020 1:30 AM	-0.3	1.8	2.6	-0.2	0
5/18/2020 1:36 AM	-0.3	1.8	2.2	-0.2	0
5/18/2020 1:42 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 1:48 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 1:54 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 2:00 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 2:06 AM	-0.3	1.9	1.9	-0.2	0
5/18/2020 2:12 AM	-0.3	1.9	1.9	-0.2	0
5/18/2020 2:18 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 2:24 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 2:30 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 2:36 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 2:42 AM	-0.3	1.9	1.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/18/2020 2:48 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 2:54 AM	-0.3	1.9	1.7	-0.2	0
5/18/2020 3:00 AM	-0.3	1.9	1.7	-0.2	0
5/18/2020 3:06 AM	-0.3	1.8	1.7	-0.2	0
5/18/2020 3:12 AM	-0.3	1.8	1.8	-0.2	0
5/18/2020 3:18 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 3:24 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 3:30 AM	-0.3	1.8	1.9	-0.2	0
5/18/2020 3:36 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 3:42 AM	-0.3	1.9	1.8	-0.2	0
5/18/2020 3:48 AM	-0.3	1.9	1.9	-0.2	0
5/18/2020 3:54 AM	-0.3	1.9	1.9	-0.2	0
5/18/2020 4:00 AM	-0.3	2	1.9	-0.2	0
5/18/2020 4:06 AM	-0.3	2	1.9	-0.2	0
5/18/2020 4:12 AM	-0.3	2	2.2	-0.2	0
5/18/2020 4:18 AM	-0.3	2	2.6	-0.2	0
5/18/2020 4:24 AM	-0.3	2	2.9	-0.2	0
5/18/2020 4:30 AM	-0.3	2	3.3	-0.2	0
5/18/2020 4:36 AM	-0.3	2	3.4	-0.2	0
5/18/2020 4:42 AM	-0.3	2	3.4	-0.2	0
5/18/2020 4:48 AM	-0.3	2	3.3	-0.2	0
5/18/2020 4:54 AM	-0.3	2	3.2	-0.2	0
5/18/2020 5:00 AM	-0.3	2	3.1	-0.2	0
5/18/2020 5:06 AM	-0.3	2.1	3	-0.2	0
5/18/2020 5:12 AM	-0.3	2.1	3.1	-0.2	0
5/18/2020 5:18 AM	-0.3	2.1	3.1	-0.2	0
5/18/2020 5:24 AM	-0.3	2.1	3.1	-0.2	0
5/18/2020 5:30 AM	-0.3	2.1	3	-0.2	0
5/18/2020 5:36 AM	-0.3	2.2	2.9	-0.2	0
5/18/2020 5:42 AM	-0.3	2.2	2.9	-0.2	0
5/18/2020 5:48 AM	-0.3	2.3	2.8	-0.1	0
5/18/2020 5:54 AM	-0.3	2.3	2.8	-0.1	0
5/18/2020 6:00 AM	-0.4	2.4	2.8	-0.2	0
5/18/2020 6:06 AM	-0.4	2.4	4.3	-0.1	0
5/18/2020 6:12 AM	-0.4	2.5	5.1	-0.1	0
5/18/2020 6:18 AM	-0.4	2.6	4.6	-0.1	0
5/18/2020 6:24 AM	-0.4	2.6	4.6	-0.1	0
5/18/2020 6:30 AM	-0.4	2.7	4.8	-0.2	0
5/18/2020 6:36 AM	-0.4	2.7	4.9	-0.2	0
5/18/2020 6:42 AM	-0.4	2.7	5	-0.2	0
5/18/2020 6:48 AM	-0.4	2.7	5.3	-0.2	0
5/18/2020 6:54 AM	-0.4	2.7	5.2	-0.2	0
5/18/2020 7:00 AM	-0.4	2.7	4.9	-0.2	0
5/18/2020 7:06 AM	-0.4	2.6	4.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/18/2020 7:12 AM	-0.4	2.6	4.9	-0.2	0
5/18/2020 7:18 AM	-0.4	2.6	4.9	-0.2	0
5/18/2020 7:24 AM	-0.4	2.6	5	-0.2	0
5/18/2020 7:30 AM	-0.4	2.7	5	-0.2	0
5/18/2020 7:36 AM	-0.4	2.7	4.8	-0.2	0
5/18/2020 7:42 AM	-0.4	2.7	4.2	-0.2	0
5/18/2020 7:48 AM	-0.4	2.7	3.8	-0.2	0
5/18/2020 7:54 AM	-0.4	2.8	3.7	-0.2	0
5/18/2020 8:00 AM	-0.4	3	3.7	-0.2	0
5/18/2020 8:06 AM	-0.4	3.1	3.7	-0.2	0
5/18/2020 8:12 AM	-0.4	3.3	3.8	-0.2	0
5/18/2020 8:18 AM	-0.3	3.3	3.8	-0.2	0
5/18/2020 8:24 AM	-0.3	3.3	3.9	-0.2	0
5/18/2020 8:30 AM	-0.3	3.2	4	-0.2	0
5/18/2020 8:36 AM	-0.3	3.2	4.1	-0.2	0
5/18/2020 8:42 AM	-0.3	3.2	4.1	-0.2	0
5/18/2020 8:48 AM	-0.3	3.2	3.8	-0.2	0
5/18/2020 8:54 AM	-0.3	3.2	3.7	-0.2	0
5/18/2020 9:00 AM	-0.3	3.2	3.7	-0.2	0
5/18/2020 9:06 AM	-0.3	3.2	3.7	-0.2	0
5/18/2020 9:12 AM	-0.3	3.2	3.6	-0.2	0
5/18/2020 9:18 AM	-0.3	3.2	3.6	-0.2	0
5/18/2020 9:24 AM	-0.3	3.2	3.7	-0.2	0
5/18/2020 9:30 AM	-0.3	3.2	3.8	-0.2	0
5/18/2020 9:36 AM	-0.3	3.2	3.9	-0.2	0
5/18/2020 9:42 AM	-0.3	3.2	4	-0.2	0
5/18/2020 9:48 AM	-0.3	3.2	3.9	-0.2	0
5/18/2020 9:54 AM	-0.3	3.2	3.9	-0.2	0
5/18/2020 10:00 AM	-0.2	3.2	3.8	-0.2	0
5/18/2020 10:06 AM	-0.2	3.2	3.8	-0.2	0
5/18/2020 10:12 AM	-0.2	3.1	3.7	-0.2	0
5/18/2020 10:18 AM	-0.2	3.1	3.7	-0.2	0
5/18/2020 10:24 AM	-0.2	3	3.7	-0.2	0.1
5/18/2020 10:30 AM	-0.2	3	3.8	-0.2	0.1
5/18/2020 10:36 AM	-0.2	3	3.9	-0.2	0.1
5/18/2020 10:42 AM	-0.2	3	4	-0.2	0.1
5/18/2020 10:48 AM	-0.2	3	4	-0.2	0.1
5/18/2020 10:54 AM	-0.2	3	4	-0.2	0.1
5/18/2020 11:00 AM	-0.2	2.9	4	-0.2	0.1
5/18/2020 11:06 AM	-0.2	2.8	4.1	-0.2	0.1
5/18/2020 11:12 AM	-0.2	2.8	4.2	-0.2	0.1
5/18/2020 11:18 AM	-0.2	2.8	4.3	-0.2	0.1
5/18/2020 11:24 AM	-0.2	2.8	4.3	-0.2	0.1
5/18/2020 11:30 AM	-0.1	2.8	4.2	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/18/2020 11:36 AM	-0.1	2.8	4.2	-0.2	0.1
5/18/2020 11:42 AM	-0.1	2.8	4.1	-0.2	0.1
5/18/2020 11:48 AM	-0.1	2.8	4.1	-0.2	0.1
5/18/2020 11:54 AM	-0.1	2.7	4.2	-0.2	0.1
5/18/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/18/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/18/2020 12:12 PM	-0.1	2.7	5.8	-0.2	0.1
5/18/2020 12:18 PM	-0.1	2.6	6.4	-0.2	0.1
5/18/2020 12:24 PM	-0.1	2.6	5.5	-0.2	13
5/18/2020 12:30 PM	-0.1	2.6	3.1	-0.2	20.4
5/18/2020 12:36 PM	-0.1	2.6	1.8	-0.2	10.4
5/18/2020 12:42 PM	-0.1	2.6	1.6	-0.2	6.9
5/18/2020 12:48 PM	-0.1	2.6	1.5	-0.2	5.5
5/18/2020 12:54 PM	-0.1	2.6	1.5	-0.2	5.2
5/18/2020 1:00 PM	-0.1	2.6	1.6	-0.2	4.9
5/18/2020 1:06 PM	-0.1	2.5	1.8	-0.2	4.5
5/18/2020 1:12 PM	-0.1	2.5	1.9	-0.2	3.9
5/18/2020 1:18 PM	-0.1	2.4	1.8	-0.2	3.3
5/18/2020 1:24 PM	-0.1	2.4	1.8	-0.2	2.9
5/18/2020 1:30 PM	-0.1	2.3	1.8	-0.2	2.7
5/18/2020 1:36 PM	-0.1	2.3	1.8	-0.2	2.5
5/18/2020 1:42 PM	-0.1	2.3	1.8	-0.2	2.4
5/18/2020 1:48 PM	-0.1	2.3	1.7	-0.2	2.5
5/18/2020 1:54 PM	-0.1	2.3	1.7	-0.2	2.4
5/18/2020 2:00 PM	-0.1	2.2	1.7	-0.2	2.3
5/18/2020 2:06 PM	-0.1	2.2	1.8	-0.2	2.2
5/18/2020 2:12 PM	-0.1	2.2	1.8	-0.2	2.1
5/18/2020 2:18 PM	-0.1	2.2	1.8	-0.2	2.1
5/18/2020 2:24 PM	-0.1	2.2	1.7	-0.2	2.1
5/18/2020 2:30 PM	-0.1	2.2	1.8	-0.2	2.1
5/18/2020 2:36 PM	-0.1	2.2	2.4	-0.2	2.1
5/18/2020 2:42 PM	-0.1	2.2	3.1	-0.2	2.1
5/18/2020 2:48 PM	-0.1	2.1	3	-0.2	2
5/18/2020 2:54 PM	-0.1	2.1	2.9	-0.2	2
5/18/2020 3:00 PM	-0.1	2.1	2.8	-0.2	2
5/18/2020 3:06 PM	-0.1	2	2.9	-0.2	2
5/18/2020 3:12 PM	-0.1	2	2.9	-0.2	2
5/18/2020 3:18 PM	-0.1	1.9	2.9	-0.2	2
5/18/2020 3:24 PM	-0.1	1.8	2.9	-0.2	1.9
5/18/2020 3:30 PM	-0.1	1.7	2.9	-0.2	1.9
5/18/2020 3:36 PM	-0.1	1.6	2.7	-0.2	2
5/18/2020 3:42 PM	-0.1	1.6	2.8	-0.2	2
5/18/2020 3:48 PM	-0.1	1.6	2.8	-0.2	2
5/18/2020 3:54 PM	-0.1	1.5	2.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/18/2020 4:00 PM	-0.1	1.4	2.2	-0.2	2
5/18/2020 4:06 PM	-0.1	1.3	2	-0.2	2
5/18/2020 4:12 PM	-0.1	1.2	1.8	-0.2	1.9
5/18/2020 4:18 PM	-0.1	1.1	1.6	-0.2	1.9
5/18/2020 4:24 PM	-0.1	0.9	1.6	-0.2	2
5/18/2020 4:30 PM	-0.1	0.8	1.6	-0.2	2
5/18/2020 4:36 PM	-0.1	0.8	1.6	-0.2	1.9
5/18/2020 4:42 PM	-0.1	0.7	1.6	-0.2	1.9
5/18/2020 4:48 PM	-0.1	0.7	1.6	-0.2	2
5/18/2020 4:54 PM	-0.1	0.7	1.7	-0.2	2
5/18/2020 5:00 PM	-0.1	0.7	1.6	-0.2	2
5/18/2020 5:06 PM	-0.1	0.8	1.6	-0.2	1.9
5/18/2020 5:12 PM	-0.1	0.8	1.6	-0.2	1.9
5/18/2020 5:18 PM	-0.1	0.9	1.6	-0.2	2
5/18/2020 5:24 PM	-0.1	1	1.6	-0.2	2
5/18/2020 5:30 PM	-0.1	1.1	1.6	-0.2	2
5/18/2020 5:36 PM	-0.1	1.1	1.7	-0.2	2
5/18/2020 5:42 PM	-0.1	1.2	1.7	-0.2	2
5/18/2020 5:48 PM	-0.1	1.3	1.7	-0.2	2
5/18/2020 5:54 PM	-0.1	1.3	1.6	-0.2	2
5/18/2020 6:00 PM	-0.1	1.3	1.7	-0.2	2
5/18/2020 6:06 PM	-0.1	1.4	1.7	-0.2	2
5/18/2020 6:12 PM	-0.2	1.4	1.8	-0.1	2
5/18/2020 6:18 PM	-0.2	1.4	1.8	-0.1	2
5/18/2020 6:24 PM	-0.2	1.4	1.8	-0.1	2
5/18/2020 6:30 PM	-0.2	1.4	1.7	-0.1	2
5/18/2020 6:36 PM	-0.2	1.4	1.8	-0.2	1.9
5/18/2020 6:42 PM	-0.2	1.4	1.8	-0.2	2
5/18/2020 6:48 PM	-0.2	1.4	1.8	-0.1	1.9
5/18/2020 6:54 PM	-0.2	1.3	1.7	-0.1	1.9
5/18/2020 7:00 PM	-0.2	1.3	1.7	-0.1	1.9
5/18/2020 7:06 PM	-0.2	1.3	1.7	-0.1	1.9
5/18/2020 7:12 PM	-0.2	1.3	1.6	-0.1	2
5/18/2020 7:18 PM	-0.3	1.3	1.7	-0.1	2
5/18/2020 7:24 PM	-0.3	1.3	1.8	-0.1	1.9
5/18/2020 7:30 PM	-0.3	1.4	1.8	-0.1	2
5/18/2020 7:36 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 7:42 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 7:48 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 7:54 PM	-0.3	1.4	1.6	-0.1	2
5/18/2020 8:00 PM	-0.3	1.5	1.7	-0.1	2
5/18/2020 8:06 PM	-0.3	1.5	1.6	-0.1	2
5/18/2020 8:12 PM	-0.3	1.6	1.6	-0.2	2
5/18/2020 8:18 PM	-0.3	1.6	1.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/18/2020 8:24 PM	-0.3	1.6	1.7	-0.2	2
5/18/2020 8:30 PM	-0.3	1.7	1.6	-0.2	2
5/18/2020 8:36 PM	-0.3	1.7	1.6	-0.2	2
5/18/2020 8:42 PM	-0.3	1.7	1.7	-0.2	2
5/18/2020 8:48 PM	-0.3	1.6	1.7	-0.2	2
5/18/2020 8:54 PM	-0.3	1.6	1.7	-0.2	2.1
5/18/2020 9:00 PM	-0.3	1.6	1.7	-0.2	2
5/18/2020 9:06 PM	-0.3	1.5	1.7	-0.2	2
5/18/2020 9:12 PM	-0.3	1.5	1.7	-0.2	2
5/18/2020 9:18 PM	-0.3	1.5	1.8	-0.1	2
5/18/2020 9:24 PM	-0.3	1.4	1.8	-0.1	2
5/18/2020 9:30 PM	-0.3	1.4	1.8	-0.1	2
5/18/2020 9:36 PM	-0.3	1.4	1.8	-0.1	2
5/18/2020 9:42 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 9:48 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 9:54 PM	-0.3	1.4	1.7	-0.1	2
5/18/2020 10:00 PM	-0.3	1.4	1.7	-0.2	2
5/18/2020 10:06 PM	-0.3	1.4	1.7	-0.2	2.1
5/18/2020 10:12 PM	-0.3	1.4	1.7	-0.2	2.1
5/18/2020 10:18 PM	-0.3	1.4	1.8	-0.2	2.1
5/18/2020 10:24 PM	-0.3	1.4	1.8	-0.2	2.1
5/18/2020 10:30 PM	-0.3	1.4	4.4	-0.2	1.6
5/18/2020 10:36 PM	-0.3	1.4	5.2	-0.1	0.5
5/18/2020 10:42 PM	-0.3	1.4	3	-0.1	0.2
5/18/2020 10:48 PM	-0.3	1.4	3	-0.1	0.2
5/18/2020 10:54 PM	-0.3	1.4	3	-0.2	0.2
5/18/2020 11:00 PM	-0.3	1.3	3.1	-0.2	0.1
5/18/2020 11:06 PM	-0.3	1.3	3.2	-0.2	0.1
5/18/2020 11:12 PM	-0.3	1.3	3.4	-0.2	0.1
5/18/2020 11:18 PM	-0.3	1.3	3.5	-0.1	0.1
5/18/2020 11:24 PM	-0.3	1.2	3.6	-0.1	0.2
5/18/2020 11:30 PM	-0.3	1.2	3.7	-0.1	0.1
5/18/2020 11:36 PM	-0.3	1.2	3.8	-0.1	0.1
5/18/2020 11:42 PM	-0.3	1.2	3.8	-0.1	0.1
5/18/2020 11:48 PM	-0.3	1.2	3.9	-0.1	0.1
5/18/2020 11:54 PM	-0.3	1.2	3.9	-0.1	0.1
5/19/2020 12:00 AM	-0.3	1.1	3.9	-0.1	0.1
5/19/2020 12:06 AM	-0.3	1.1	4	-0.1	0.1
5/19/2020 12:12 AM	-0.3	1.1	4.1	-0.1	0.1
5/19/2020 12:18 AM	-0.3	1.1	4.3	-0.1	0.1
5/19/2020 12:24 AM	-0.3	1.1	4.4	-0.1	0.1
5/19/2020 12:30 AM	-0.3	1	4.1	-0.1	0.1
5/19/2020 12:36 AM	-0.3	1	3.6	-0.1	0.1
5/19/2020 12:42 AM	-0.3	1	3.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 12:48 AM	-0.3	1	3.3	-0.1	0.1
5/19/2020 12:54 AM	-0.3	1	3.2	-0.1	0.1
5/19/2020 1:00 AM	-0.3	1	3.1	-0.1	0.1
5/19/2020 1:06 AM	-0.3	1	3	-0.1	0.1
5/19/2020 1:12 AM	-0.3	1	3	-0.1	0.1
5/19/2020 1:18 AM	-0.3	1	3	-0.1	0.1
5/19/2020 1:24 AM	-0.3	1	3	-0.1	0.1
5/19/2020 1:30 AM	-0.3	1	3	-0.1	0.1
5/19/2020 1:36 AM	-0.3	1	2.9	-0.1	0.1
5/19/2020 1:42 AM	-0.3	1	2.9	-0.1	0.1
5/19/2020 1:48 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 1:54 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:00 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:06 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:12 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:18 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:24 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:30 AM	-0.3	1	2.8	-0.1	0.1
5/19/2020 2:36 AM	-0.3	1	2.7	-0.1	0.1
5/19/2020 2:42 AM	-0.3	1	2.3	-0.1	0.1
5/19/2020 2:48 AM	-0.3	0.9	2.2	-0.1	0.1
5/19/2020 2:54 AM	-0.3	0.9	2.1	-0.1	0.1
5/19/2020 3:00 AM	-0.3	0.9	2.1	-0.1	0.1
5/19/2020 3:06 AM	-0.3	0.9	2.1	-0.1	0.1
5/19/2020 3:12 AM	-0.3	0.9	2.1	-0.1	0.1
5/19/2020 3:18 AM	-0.3	0.9	2.1	-0.1	0.1
5/19/2020 3:24 AM	-0.3	0.9	2	-0.2	0.1
5/19/2020 3:30 AM	-0.3	0.9	2	-0.2	0.1
5/19/2020 3:36 AM	-0.3	0.9	2.1	-0.2	0.1
5/19/2020 3:42 AM	-0.3	0.8	2.1	-0.2	0.1
5/19/2020 3:48 AM	-0.3	0.8	2.1	-0.2	0.1
5/19/2020 3:54 AM	-0.3	0.8	2.2	-0.2	0.1
5/19/2020 4:00 AM	-0.3	0.8	2.1	-0.2	0.1
5/19/2020 4:06 AM	-0.3	0.8	2.1	-0.2	0.1
5/19/2020 4:12 AM	-0.3	0.7	2.1	-0.2	0.1
5/19/2020 4:18 AM	-0.3	0.7	2.1	-0.1	0.1
5/19/2020 4:24 AM	-0.3	0.7	2.1	-0.1	0.1
5/19/2020 4:30 AM	-0.3	0.7	2.1	-0.1	0
5/19/2020 4:36 AM	-0.3	0.7	2.1	-0.1	0.1
5/19/2020 4:42 AM	-0.3	0.7	2.1	-0.1	0.1
5/19/2020 4:48 AM	-0.3	0.7	2	-0.1	0.1
5/19/2020 4:54 AM	-0.4	0.8	2	-0.1	0.1
5/19/2020 5:00 AM	-0.4	0.9	1.9	-0.1	0.1
5/19/2020 5:06 AM	-0.4	1	1.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 5:12 AM	-0.4	1.3	1.8	-0.1	0
5/19/2020 5:18 AM	-0.4	1.7	1.7	-0.1	0
5/19/2020 5:24 AM	-0.4	1.9	1.7	-0.1	0
5/19/2020 5:30 AM	-0.4	2.1	1.7	-0.1	0.1
5/19/2020 5:36 AM	-0.4	2.1	1.7	-0.2	0.1
5/19/2020 5:42 AM	-0.4	2.1	1.7	-0.2	0
5/19/2020 5:48 AM	-0.4	2.1	1.6	-0.2	0.1
5/19/2020 5:54 AM	-0.4	2.1	1.6	-0.2	0.1
5/19/2020 6:00 AM	-0.4	2.1	1.6	-0.2	0.1
5/19/2020 6:06 AM	-0.4	2	1.6	-0.2	0.1
5/19/2020 6:12 AM	-0.4	1.9	1.8	-0.2	3.3
5/19/2020 6:18 AM	-0.4	1.8	2.2	-0.2	4.5
5/19/2020 6:24 AM	-0.4	1.7	2.5	-0.2	0.6
5/19/2020 6:30 AM	-0.4	1.5	2.6	-0.2	0
5/19/2020 6:36 AM	-0.4	1.3	2.8	-0.2	0
5/19/2020 6:42 AM	-0.4	1.2	2.9	-0.2	0
5/19/2020 6:48 AM	-0.4	1.3	2.9	-0.2	0
5/19/2020 6:54 AM	-0.4	1.2	3	-0.2	0
5/19/2020 7:00 AM	-0.4	1.2	2.9	-0.2	0
5/19/2020 7:06 AM	-0.3	1.2	2.9	-0.2	0
5/19/2020 7:12 AM	-0.3	1.1	3	-0.2	0
5/19/2020 7:18 AM	-0.3	0.9	3.1	-0.2	0
5/19/2020 7:24 AM	-0.3	0.8	3.1	-0.2	0
5/19/2020 7:30 AM	-0.3	0.7	3.1	-0.2	0
5/19/2020 7:36 AM	-0.3	0.6	3.2	-0.2	0
5/19/2020 7:42 AM	-0.3	0.5	3.4	-0.2	0
5/19/2020 7:48 AM	-0.3	0.3	3.5	-0.2	0
5/19/2020 7:54 AM	-0.3	0.3	3.4	-0.2	0
5/19/2020 8:00 AM	-0.3	0.3	3.4	-0.2	0
5/19/2020 8:06 AM	-0.3	0.4	3.5	-0.2	0
5/19/2020 8:12 AM	-0.3	0.5	3.6	-0.2	0
5/19/2020 8:18 AM	-0.3	0.5	3.6	-0.2	0
5/19/2020 8:24 AM	-0.3	0.5	3.7	-0.2	0
5/19/2020 8:30 AM	-0.3	0.4	3.7	-0.2	0
5/19/2020 8:36 AM	-0.3	0.2	3.6	-0.2	0
5/19/2020 8:42 AM	-0.2	0.1	3.7	-0.2	0
5/19/2020 8:48 AM	-0.2	0.1	3.7	-0.2	0
5/19/2020 8:54 AM	-0.2	0.2	3.7	-0.2	0
5/19/2020 9:00 AM	-0.2	0.2	3.8	-0.2	0
5/19/2020 9:06 AM	-0.2	0.2	3.8	-0.2	0
5/19/2020 9:12 AM	-0.2	0.2	3.8	-0.2	0
5/19/2020 9:18 AM	-0.2	0.2	3.8	-0.2	0
5/19/2020 9:24 AM	-0.2	0.3	3.7	-0.2	0
5/19/2020 9:30 AM	-0.2	0.4	3.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 9:36 AM	-0.2	0.4	3.7	-0.2	0
5/19/2020 9:42 AM	-0.2	0.4	3.7	-0.2	0
5/19/2020 9:48 AM	-0.2	0.5	3.8	-0.2	0
5/19/2020 9:54 AM	-0.2	0.5	3.8	-0.2	0
5/19/2020 10:00 AM	-0.2	0.5	3.9	-0.2	0
5/19/2020 10:06 AM	-0.2	0.5	3.9	-0.2	0
5/19/2020 10:12 AM	-0.2	0.6	4	-0.2	0
5/19/2020 10:18 AM	-0.2	0.6	4	-0.2	0
5/19/2020 10:24 AM	-0.2	0.7	4	-0.2	0
5/19/2020 10:30 AM	-0.2	0.7	4	-0.2	0
5/19/2020 10:36 AM	-0.2	0.8	4	-0.2	0
5/19/2020 10:42 AM	-0.2	0.8	4	-0.2	0
5/19/2020 10:48 AM	-0.2	0.9	4	-0.2	0
5/19/2020 10:54 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:00 AM	-0.2	0.9	4.1	-0.2	0
5/19/2020 11:06 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:12 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:18 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:24 AM	-0.2	1	4	-0.2	0
5/19/2020 11:30 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:36 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:42 AM	-0.2	0.9	4	-0.2	0
5/19/2020 11:48 AM	-0.2	0.9	4.5	-0.2	0
5/19/2020 11:54 AM	-0.2	0.8	5.8	-0.2	0
5/19/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/19/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/19/2020 12:12 PM	-0.1	0.9	6.4	-0.1	0
5/19/2020 12:18 PM	-0.1	0.9	6.5	-0.1	0
5/19/2020 12:24 PM	-0.1	0.9	6.4	-0.1	0
5/19/2020 12:30 PM	-0.1	0.9	6.4	-0.2	0
5/19/2020 12:36 PM	-0.1	1	6.5	-0.2	0
5/19/2020 12:42 PM	-0.1	1	6.5	-0.2	0
5/19/2020 12:48 PM	-0.1	10	5.9	-0.2	0
5/19/2020 12:54 PM	-0.1	19	3.8	-0.1	0
5/19/2020 1:00 PM	-0.1	16.7	2.2	-0.2	0
5/19/2020 1:06 PM	-0.1	16.9	1.9	-0.2	0
5/19/2020 1:12 PM	-0.1	12.4	1.8	-0.2	0
5/19/2020 1:18 PM	-0.1	5.6	1.7	-0.2	0
5/19/2020 1:24 PM	-0.1	3.2	1.6	-0.2	0
5/19/2020 1:30 PM	-0.1	2.9	1.6	-0.2	0
5/19/2020 1:36 PM	-0.1	3.1	1.6	-0.2	0
5/19/2020 1:42 PM	-0.1	2.9	1.6	-0.2	0
5/19/2020 1:48 PM	-0.1	2.8	1.6	-0.2	0
5/19/2020 1:54 PM	-0.1	2.6	1.6	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 2:00 PM	-0.1	2	1.6	-0.2	0
5/19/2020 2:06 PM	-0.1	1.4	1.6	-0.2	0
5/19/2020 2:12 PM	-0.1	0.9	1.6	-0.2	0
5/19/2020 2:18 PM	-0.1	0.7	1.6	-0.2	0
5/19/2020 2:24 PM	-0.1	0.6	1.6	-0.2	0
5/19/2020 2:30 PM	-0.1	0.4	1.6	-0.2	0
5/19/2020 2:36 PM	-0.1	0.3	1.5	-0.2	0
5/19/2020 2:42 PM	0	0.2	1.6	-0.2	0
5/19/2020 2:48 PM	0	0.1	1.6	-0.2	0
5/19/2020 2:54 PM	0	0.1	1.6	-0.2	0
5/19/2020 3:00 PM	0	0	1.6	-0.2	0
5/19/2020 3:06 PM	0	0	1.7	-0.2	0
5/19/2020 3:12 PM	0	-0.1	1.6	-0.2	0
5/19/2020 3:18 PM	0	-0.3	1.5	-0.2	0
5/19/2020 3:24 PM	0	-0.3	1.5	-0.2	0
5/19/2020 3:30 PM	0	-0.3	1.6	-0.2	0
5/19/2020 3:36 PM	0	-0.4	1.6	-0.2	0
5/19/2020 3:42 PM	0	-0.4	1.5	-0.2	0
5/19/2020 3:48 PM	0	-0.4	1.5	-0.2	0
5/19/2020 3:54 PM	0	-0.4	1.5	-0.2	0
5/19/2020 4:00 PM	0	-0.4	1.5	-0.2	0
5/19/2020 4:06 PM	0	-0.4	1.5	-0.2	0
5/19/2020 4:12 PM	-0.1	-0.4	1.5	-0.2	0
5/19/2020 4:18 PM	-0.1	-0.4	1.5	-0.2	0
5/19/2020 4:24 PM	-0.1	-0.4	1.5	-0.2	0
5/19/2020 4:30 PM	-0.1	-0.4	1.4	-0.2	0
5/19/2020 4:36 PM	-0.1	-0.4	1.4	-0.2	0
5/19/2020 4:42 PM	-0.1	-0.4	1.4	-0.2	0
5/19/2020 4:48 PM	-0.1	-0.4	1.4	-0.1	0
5/19/2020 4:54 PM	-0.1	-0.4	1.5	-0.1	0
5/19/2020 5:00 PM	-0.1	-0.4	1.5	-0.1	0
5/19/2020 5:06 PM	-0.1	-0.4	1.5	-0.1	0
5/19/2020 5:12 PM	-0.1	-0.4	1.5	-0.1	0
5/19/2020 5:18 PM	-0.2	-0.4	1.4	-0.1	0
5/19/2020 5:24 PM	-0.2	-0.4	1.5	-0.1	0
5/19/2020 5:30 PM	-0.2	-0.4	1.5	-0.1	0
5/19/2020 5:36 PM	-0.2	-0.4	1.5	-0.1	0
5/19/2020 5:42 PM	-0.2	-0.4	1.4	-0.1	0
5/19/2020 5:48 PM	-0.2	-0.4	1.5	-0.2	0
5/19/2020 5:54 PM	-0.2	-0.4	1.5	-0.2	0
5/19/2020 6:00 PM	-0.2	-0.4	1.6	-0.2	0
5/19/2020 6:06 PM	-0.2	-0.5	1.5	-0.1	0
5/19/2020 6:12 PM	-0.2	-0.5	1.5	-0.1	0
5/19/2020 6:18 PM	-0.2	-0.4	1.5	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 6:24 PM	-0.2	-0.4	1.6	-0.1	0
5/19/2020 6:30 PM	-0.2	-0.4	1.6	-0.1	0
5/19/2020 6:36 PM	-0.2	-0.4	1.6	-0.1	0
5/19/2020 6:42 PM	-0.2	-0.4	1.7	-0.1	0
5/19/2020 6:48 PM	-0.2	-0.4	1.7	-0.1	0
5/19/2020 6:54 PM	-0.2	-0.4	1.7	-0.1	0
5/19/2020 7:00 PM	-0.2	-0.4	1.6	-0.1	0
5/19/2020 7:06 PM	-0.2	-0.4	1.6	-0.1	0
5/19/2020 7:12 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 7:18 PM	-0.3	-0.5	1.6	-0.1	0
5/19/2020 7:24 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 7:30 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 7:36 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 7:42 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 7:48 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 7:54 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 8:00 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 8:06 PM	-0.3	0	1.6	-0.1	0
5/19/2020 8:12 PM	-0.3	0	1.6	-0.1	0
5/19/2020 8:18 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 8:24 PM	-0.3	-0.3	1.7	-0.1	0
5/19/2020 8:30 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 8:36 PM	-0.3	-0.3	1.7	-0.1	0
5/19/2020 8:42 PM	-0.3	-0.3	1.6	-0.1	0
5/19/2020 8:48 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 8:54 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 9:00 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:06 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:12 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 9:18 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 9:24 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 9:30 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:36 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:42 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:48 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 9:54 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 10:00 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 10:06 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 10:12 PM	-0.3	-0.4	1.8	-0.1	0
5/19/2020 10:18 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 10:24 PM	-0.3	-0.4	1.7	-0.1	0
5/19/2020 10:30 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 10:36 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 10:42 PM	-0.3	-0.4	1.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/19/2020 10:48 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 10:54 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:00 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:06 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:12 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 11:18 PM	-0.3	-0.4	1.6	-0.1	0
5/19/2020 11:24 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:30 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:36 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:42 PM	-0.3	-0.4	1.5	-0.1	0
5/19/2020 11:48 PM	-0.3	-0.3	1.5	-0.1	0
5/19/2020 11:54 PM	-0.3	-0.3	1.5	-0.1	0
5/20/2020 12:00 AM	-0.3	-0.4	1.5	-0.1	0
5/20/2020 12:06 AM	-0.3	-0.4	1.5	-0.1	0
5/20/2020 12:12 AM	-0.3	-0.4	1.5	-0.1	0
5/20/2020 12:18 AM	-0.3	-0.3	1.5	-0.1	0
5/20/2020 12:24 AM	-0.3	-0.4	1.5	-0.1	0
5/20/2020 12:30 AM	-0.3	-0.4	1.5	-0.1	0
5/20/2020 12:36 AM	-0.3	-0.3	1.6	-0.1	0
5/20/2020 12:42 AM	-0.3	0.1	1.3	-0.1	0
5/20/2020 12:48 AM	-0.3	0.4	0.4	-0.1	0
5/20/2020 12:54 AM	-0.3	0.2	-0.1	-0.1	0
5/20/2020 1:00 AM	-0.3	-0.1	-0.1	-0.1	0
5/20/2020 1:06 AM	-0.3	-0.3	-0.2	-0.1	0
5/20/2020 1:12 AM	-0.3	-0.3	-0.2	-0.1	0
5/20/2020 1:18 AM	-0.3	-0.3	-0.3	-0.1	0
5/20/2020 1:24 AM	-0.4	-0.4	-0.3	-0.1	0
5/20/2020 1:30 AM	-0.4	-0.4	-0.3	-0.1	0
5/20/2020 1:36 AM	-0.4	-0.4	-0.3	-0.1	0
5/20/2020 1:42 AM	-0.4	-0.4	-0.3	-0.1	0
5/20/2020 1:48 AM	-0.4	-0.4	-0.4	-0.1	0
5/20/2020 1:54 AM	-0.4	-0.3	-0.4	-0.1	0
5/20/2020 2:00 AM	-0.4	-0.3	-0.4	-0.1	0
5/20/2020 2:06 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:12 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:18 AM	-0.4	-0.3	-0.4	-0.1	0
5/20/2020 2:24 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:30 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:36 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:42 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:48 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 2:54 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 3:00 AM	-0.4	-0.3	-0.5	-0.1	0
5/20/2020 3:06 AM	-0.4	-0.3	-0.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/20/2020 3:12 AM	-0.4	-0.3	-0.6	-0.1	0
5/20/2020 3:18 AM	-0.4	-0.3	-0.6	-0.1	0
5/20/2020 3:24 AM	-0.4	-0.2	-0.6	-0.1	0
5/20/2020 3:30 AM	-0.4	-0.3	-0.6	-0.1	0
5/20/2020 3:36 AM	-0.4	-0.3	-0.6	-0.1	0
5/20/2020 3:42 AM	-0.4	-0.3	-0.6	-0.1	0
5/20/2020 3:48 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 3:54 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:00 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:06 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:12 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:18 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:24 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:30 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:36 AM	-0.4	-0.4	-0.6	-0.1	0
5/20/2020 4:42 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 4:48 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 4:54 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 5:00 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 5:06 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 5:12 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 5:18 AM	-0.4	-0.3	-0.7	-0.1	0
5/20/2020 5:24 AM	-0.4	-0.2	-0.7	-0.1	0
5/20/2020 5:30 AM	-0.4	-0.2	-0.7	-0.1	0
5/20/2020 5:36 AM	-0.4	-0.2	-0.8	-0.1	0
5/20/2020 5:42 AM	-0.4	-0.2	-0.8	-0.1	0
5/20/2020 5:48 AM	-0.4	-0.3	-0.8	-0.1	0
5/20/2020 5:54 AM	-0.4	-0.2	-0.8	-0.1	0
5/20/2020 6:00 AM	-0.4	-0.1	-0.8	-0.1	0
5/20/2020 6:06 AM	-0.4	-0.2	-0.9	-0.1	0
5/20/2020 6:12 AM	-0.4	-0.2	-0.9	-0.1	0
5/20/2020 6:18 AM	-0.4	-0.2	-0.9	-0.1	0
5/20/2020 6:24 AM	-0.4	-0.3	-0.9	-0.1	0
5/20/2020 6:30 AM	-0.4	-0.3	-0.9	-0.1	0
5/20/2020 6:36 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 6:42 AM	-0.4	-0.3	-0.8	-0.2	0
5/20/2020 6:48 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 6:54 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 7:00 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 7:06 AM	-0.4	-0.4	-0.9	-0.2	0
5/20/2020 7:12 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 7:18 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 7:24 AM	-0.4	-0.3	-0.9	-0.2	0
5/20/2020 7:30 AM	-0.3	-0.3	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/20/2020 7:36 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 7:42 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 7:48 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 7:54 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 8:00 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 8:06 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 8:12 AM	-0.3	-0.3	-0.8	-0.2	0
5/20/2020 8:18 AM	-0.3	-0.3	-0.7	-0.2	0
5/20/2020 8:24 AM	-0.3	-0.3	-0.7	-0.2	0
5/20/2020 8:30 AM	-0.3	-0.3	-0.7	-0.2	0
5/20/2020 8:36 AM	-0.3	-0.2	-0.7	-0.2	0
5/20/2020 8:42 AM	-0.3	-0.1	-0.7	-0.2	0
5/20/2020 8:48 AM	-0.3	-0.2	-0.7	-0.2	7
5/20/2020 8:54 AM	-0.2	-0.1	-0.6	-0.2	3.3
5/20/2020 9:00 AM	-0.2	-0.1	-0.6	-0.2	0.3
5/20/2020 9:06 AM	-0.2	0	-0.7	-0.2	0.2
5/20/2020 9:12 AM	-0.2	0.1	-0.7	-0.2	0.3
5/20/2020 9:18 AM	-0.2	0.3	-0.7	-0.2	0.3
5/20/2020 9:24 AM	-0.2	0.9	4.7	-0.2	0.3
5/20/2020 9:30 AM	-0.2	1	1.6	-0.2	0.2
5/20/2020 9:36 AM	-0.2	0.8	-0.2	-0.1	0.2
5/20/2020 9:42 AM	-0.2	0.6	9.1	-0.1	0.1
5/20/2020 9:48 AM	-0.2	0.1	15.3	-0.1	0.1
5/20/2020 9:54 AM	-0.2	-0.1	6.2	-0.1	0.1
5/20/2020 10:00 AM	-0.2	-0.2	3.4	-0.1	0.1
5/20/2020 10:06 AM	-0.2	-0.2	2.8	-0.1	0.1
5/20/2020 10:12 AM	-0.2	-0.2	2.7	-0.1	0.1
5/20/2020 10:18 AM	-0.2	-0.1	2.7	-0.1	0
5/20/2020 10:24 AM	-0.2	-0.2	2.7	-0.1	0
5/20/2020 10:30 AM	-0.2	-0.3	2.9	-0.1	0
5/20/2020 10:36 AM	-0.2	-0.3	3	-0.1	0
5/20/2020 10:42 AM	-0.2	-0.3	3.2	-0.1	0
5/20/2020 10:48 AM	-0.2	-0.3	3.2	-0.1	0
5/20/2020 10:54 AM	-0.2	-0.4	3.2	-0.1	0
5/20/2020 11:00 AM	-0.2	-0.4	3.3	-0.1	0
5/20/2020 11:06 AM	-0.2	-0.4	3.3	-0.1	0
5/20/2020 11:12 AM	-0.2	-0.3	3.3	-0.1	0
5/20/2020 11:18 AM	-0.2	-0.3	3.1	-0.1	0
5/20/2020 11:24 AM	-0.2	-0.4	2.9	-0.1	0
5/20/2020 11:30 AM	-0.2	-0.4	2.7	-0.1	0
5/20/2020 11:36 AM	-0.2	-0.4	2.6	-0.1	0
5/20/2020 11:42 AM	-0.2	-0.4	2.5	-0.1	0
5/20/2020 11:48 AM	-0.2	-0.4	2.4	-0.1	0
5/20/2020 11:54 AM	-0.2	-0.4	2.4	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/20/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/20/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/20/2020 12:12 PM	-0.1	-0.4	2.3	-0.1	0.1
5/20/2020 12:18 PM	-0.1	-0.3	2.3	-0.1	0.1
5/20/2020 12:24 PM	-0.1	-0.3	2.3	-0.1	0.1
5/20/2020 12:30 PM	-0.1	-0.3	2.3	-0.2	0.1
5/20/2020 12:36 PM	-0.1	-0.3	2.2	-0.2	0.1
5/20/2020 12:42 PM	-0.1	-0.3	2.1	-0.1	0.1
5/20/2020 12:48 PM	-0.1	-0.4	2.1	-0.1	0.1
5/20/2020 12:54 PM	-0.1	-0.4	2.2	-0.1	0.1
5/20/2020 1:00 PM	-0.1	-0.4	2.3	-0.2	0.1
5/20/2020 1:06 PM	-0.1	-0.3	2.3	-0.2	0.1
5/20/2020 1:12 PM	-0.1	-0.3	2.2	-0.2	0.1
5/20/2020 1:18 PM	-0.1	-0.3	2.2	-0.2	0.1
5/20/2020 1:24 PM	-0.1	-0.3	2.1	-0.2	0
5/20/2020 1:30 PM	-0.1	-0.3	2	-0.1	0
5/20/2020 1:36 PM	-0.1	-0.3	2	-0.1	0.1
5/20/2020 1:42 PM	-0.1	-0.3	1.9	-0.1	0.1
5/20/2020 1:48 PM	-0.1	-0.3	1.9	-0.1	0.1
5/20/2020 1:54 PM	-0.1	-0.3	1.9	-0.1	0.1
5/20/2020 2:00 PM	-0.1	-0.3	1.9	-0.1	0.1
5/20/2020 2:06 PM	-0.1	-0.3	1.9	-0.1	0
5/20/2020 2:12 PM	-0.1	1.1	1.2	-0.2	0.1
5/20/2020 2:18 PM	-0.1	0.9	0.2	-0.2	0.1
5/20/2020 2:24 PM	0	-0.1	0	-0.2	0.1
5/20/2020 2:30 PM	0	-0.2	-0.1	-0.2	0
5/20/2020 2:36 PM	0	-0.2	-0.1	-0.2	0.1
5/20/2020 2:42 PM	0	-0.1	-0.2	-0.2	0
5/20/2020 2:48 PM	0	0	-0.3	-0.2	0
5/20/2020 2:54 PM	0	-0.1	-0.3	-0.2	0
5/20/2020 3:00 PM	0	-0.2	-0.3	-0.2	0
5/20/2020 3:06 PM	0	-0.2	-0.3	-0.2	0
5/20/2020 3:12 PM	0	-0.1	-0.3	-0.2	0
5/20/2020 3:18 PM	0	-0.1	-0.3	-0.2	0
5/20/2020 3:24 PM	0	-0.1	-0.3	-0.2	0
5/20/2020 3:30 PM	0	-0.2	-0.3	-0.2	0
5/20/2020 3:36 PM	0	-0.2	-0.3	-0.2	0
5/20/2020 3:42 PM	0	-0.2	-0.4	-0.1	0.1
5/20/2020 3:48 PM	0	-0.2	-0.3	-0.1	0.1
5/20/2020 3:54 PM	0	-0.2	-0.3	-0.1	0.1
5/20/2020 4:00 PM	0	-0.3	-0.4	-0.1	0.1
5/20/2020 4:06 PM	-0.1	-0.3	-0.4	-0.1	0.1
5/20/2020 4:12 PM	-0.1	-0.3	-0.4	-0.1	0.1
5/20/2020 4:18 PM	-0.1	-0.3	-0.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/20/2020 4:24 PM	-0.1	-0.3	-0.5	-0.2	0
5/20/2020 4:30 PM	-0.1	-0.3	-0.5	-0.2	0
5/20/2020 4:36 PM	-0.1	-0.3	-0.5	-0.2	0
5/20/2020 4:42 PM	-0.1	-0.2	-0.6	-0.2	0
5/20/2020 4:48 PM	-0.1	-0.2	-0.6	-0.2	0
5/20/2020 4:54 PM	-0.1	-0.2	-0.6	-0.2	0
5/20/2020 5:00 PM	-0.1	-0.3	-0.6	-0.2	0
5/20/2020 5:06 PM	-0.1	-0.5	-0.6	-0.2	0
5/20/2020 5:12 PM	-0.1	-0.5	-0.6	-0.2	0
5/20/2020 5:18 PM	-0.1	-0.4	-0.6	-0.2	0
5/20/2020 5:24 PM	-0.1	-0.3	-0.6	-0.2	0
5/20/2020 5:30 PM	-0.1	-0.2	-0.6	-0.2	0
5/20/2020 5:36 PM	-0.1	-0.2	-0.6	-0.2	0
5/20/2020 5:42 PM	-0.1	-0.3	-0.6	-0.2	0
5/20/2020 5:48 PM	-0.1	-0.3	-0.6	-0.2	0
5/20/2020 5:54 PM	-0.2	-0.3	-0.6	-0.2	0
5/20/2020 6:00 PM	-0.2	-0.3	-0.6	-0.2	0
5/20/2020 6:06 PM	-0.2	0.2	-0.6	-0.2	0
5/20/2020 6:12 PM	-0.2	0.8	-0.6	-0.2	0
5/20/2020 6:18 PM	-0.2	0.8	-0.6	-0.2	0
5/20/2020 6:24 PM	-0.2	0.6	-0.6	-0.2	0
5/20/2020 6:30 PM	-0.2	0.6	-0.6	-0.2	0
5/20/2020 6:36 PM	-0.2	0.6	-0.7	-0.2	0
5/20/2020 6:42 PM	-0.2	0.8	-0.7	-0.2	0
5/20/2020 6:48 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 6:54 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:00 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:06 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:12 PM	-0.2	0.8	-0.6	-0.1	0
5/20/2020 7:18 PM	-0.2	0.7	-0.7	-0.1	0
5/20/2020 7:24 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:30 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:36 PM	-0.2	0.8	-0.7	-0.1	0
5/20/2020 7:42 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 7:48 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 7:54 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 8:00 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:06 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:12 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:18 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:24 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 8:30 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:36 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 8:42 PM	-0.3	0.8	-0.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/20/2020 8:48 PM	-0.3	0.7	-0.7	-0.1	0
5/20/2020 8:54 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 9:00 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 9:06 PM	-0.3	0.8	-0.7	-0.1	0
5/20/2020 9:12 PM	-0.3	0.8	-0.8	-0.1	0
5/20/2020 9:18 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 9:24 PM	-0.4	0.7	-0.8	-0.1	0
5/20/2020 9:30 PM	-0.4	0.7	-0.8	-0.1	0
5/20/2020 9:36 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 9:42 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 9:48 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 9:54 PM	-0.4	0.7	-0.8	-0.1	0
5/20/2020 10:00 PM	-0.4	0.7	-0.8	-0.1	0
5/20/2020 10:06 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:12 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:18 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:24 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:30 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:36 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:42 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:48 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 10:54 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 11:00 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 11:06 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 11:12 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 11:18 PM	-0.4	0.9	-0.8	-0.1	0
5/20/2020 11:24 PM	-0.4	0.9	-0.8	-0.1	0
5/20/2020 11:30 PM	-0.4	0.9	-0.8	-0.1	0
5/20/2020 11:36 PM	-0.4	0.9	-0.8	-0.1	0
5/20/2020 11:42 PM	-0.4	0.9	-0.8	-0.1	0
5/20/2020 11:48 PM	-0.4	0.8	-0.8	-0.1	0
5/20/2020 11:54 PM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:00 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:06 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 12:12 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:18 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:24 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 12:30 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:36 AM	-0.4	0.7	-0.8	-0.1	0
5/21/2020 12:42 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:48 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 12:54 AM	-0.4	0.7	-0.8	-0.1	0
5/21/2020 1:00 AM	-0.4	0.7	-0.8	-0.1	0
5/21/2020 1:06 AM	-0.4	0.7	-0.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 1:12 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 1:18 AM	-0.4	0.7	-0.8	-0.1	0
5/21/2020 1:24 AM	-0.4	0.7	-0.8	-0.1	0
5/21/2020 1:30 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 1:36 AM	-0.4	0.8	-0.8	-0.1	0
5/21/2020 1:42 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 1:48 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 1:54 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:00 AM	-0.4	0.7	-0.9	-0.1	0
5/21/2020 2:06 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:12 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:18 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:24 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:30 AM	-0.4	0.8	-0.9	-0.1	0
5/21/2020 2:36 AM	-0.4	0.7	-0.9	-0.1	0
5/21/2020 2:42 AM	-0.4	0.7	-0.9	-0.1	0
5/21/2020 2:48 AM	-0.4	0.7	-0.9	-0.1	0
5/21/2020 2:54 AM	-0.4	0.7	-0.9	-0.1	0
5/21/2020 3:00 AM	-0.4	0.5	-0.9	-0.1	0
5/21/2020 3:06 AM	-0.4	0.1	-0.9	-0.1	0
5/21/2020 3:12 AM	-0.4	-0.1	-0.9	-0.1	0
5/21/2020 3:18 AM	-0.4	-0.1	-0.9	-0.1	0
5/21/2020 3:24 AM	-0.4	-0.1	-0.9	-0.1	0
5/21/2020 3:30 AM	-0.4	-0.1	-0.9	-0.1	0
5/21/2020 3:36 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 3:42 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 3:48 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 3:54 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 4:00 AM	-0.4	-0.4	-0.9	-0.1	0
5/21/2020 4:06 AM	-0.4	-0.4	-0.9	-0.1	0
5/21/2020 4:12 AM	-0.4	-0.4	-0.9	-0.1	0
5/21/2020 4:18 AM	-0.4	-0.4	-0.9	-0.1	0
5/21/2020 4:24 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 4:30 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 4:36 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 4:42 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 4:48 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 4:54 AM	-0.4	-0.3	-0.9	-0.1	0
5/21/2020 5:00 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 5:06 AM	-0.4	-0.2	-0.9	-0.1	0
5/21/2020 5:12 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:18 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:24 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:30 AM	-0.4	-0.2	-1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 5:36 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:42 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:48 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 5:54 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 6:00 AM	-0.4	-0.2	-1	-0.1	0
5/21/2020 6:06 AM	-0.4	-0.2	-1.1	-0.1	0
5/21/2020 6:12 AM	-0.4	-0.2	-1.1	-0.1	0
5/21/2020 6:18 AM	-0.4	-0.2	-1	-0.2	0
5/21/2020 6:24 AM	-0.4	-0.2	-1	-0.2	0
5/21/2020 6:30 AM	-0.4	-0.3	-1	-0.2	0
5/21/2020 6:36 AM	-0.4	-0.3	-1	-0.2	0
5/21/2020 6:42 AM	-0.4	-0.2	-1	-0.2	0
5/21/2020 6:48 AM	-0.4	-0.2	-1	-0.2	0
5/21/2020 6:54 AM	-0.4	-0.2	-1	-0.2	0
5/21/2020 7:00 AM	-0.4	-0.1	-1	-0.2	0
5/21/2020 7:06 AM	-0.4	-0.1	-1	-0.2	0
5/21/2020 7:12 AM	-0.4	-0.1	-1	-0.2	0
5/21/2020 7:18 AM	-0.4	-0.1	-1	-0.2	0
5/21/2020 7:24 AM	-0.3	-0.1	-1	-0.2	0
5/21/2020 7:30 AM	-0.3	-0.1	-1	-0.2	0
5/21/2020 7:36 AM	-0.3	-0.1	-1	-0.2	0
5/21/2020 7:42 AM	-0.3	0	-1	-0.2	0
5/21/2020 7:48 AM	-0.3	0.1	-0.9	-0.2	0
5/21/2020 7:54 AM	-0.3	0.1	-0.9	-0.2	0
5/21/2020 8:00 AM	-0.3	0	-0.9	-0.2	0
5/21/2020 8:06 AM	-0.2	0	-0.9	-0.2	0
5/21/2020 8:12 AM	-0.2	-0.1	-0.9	-0.2	0
5/21/2020 8:18 AM	-0.2	-0.1	-0.9	-0.2	0
5/21/2020 8:24 AM	-0.2	-0.1	-0.8	-0.2	0
5/21/2020 8:30 AM	-0.2	0	-0.8	-0.2	0
5/21/2020 8:36 AM	-0.2	-0.1	-0.8	-0.2	0
5/21/2020 8:42 AM	-0.2	0	-0.7	-0.2	0
5/21/2020 8:48 AM	-0.2	0.1	-0.7	-0.2	0
5/21/2020 8:54 AM	-0.2	0	-0.7	-0.2	0
5/21/2020 9:00 AM	-0.1	0	-0.7	-0.2	0
5/21/2020 9:06 AM	-0.1	0.3	-0.7	-0.2	0
5/21/2020 9:12 AM	-0.1	0.3	-0.7	-0.2	0
5/21/2020 9:18 AM	-0.1	0.3	-0.7	-0.2	0
5/21/2020 9:24 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 9:30 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 9:36 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 9:42 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 9:48 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 9:54 AM	-0.1	0.1	-0.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 10:00 AM	-0.1	0.1	-0.7	-0.2	0
5/21/2020 10:06 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 10:12 AM	-0.1	0.2	-0.7	-0.2	0
5/21/2020 10:18 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:24 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:30 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:36 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:42 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:48 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 10:54 AM	-0.1	0.2	-0.7	-0.2	0.1
5/21/2020 11:00 AM	-0.1	0.3	-0.7	-0.2	0.1
5/21/2020 11:06 AM	-0.1	0.5	-0.7	-0.2	0.1
5/21/2020 11:12 AM	-0.1	0.6	-0.7	-0.2	0.1
5/21/2020 11:18 AM	-0.1	0.6	-0.7	-0.2	0.1
5/21/2020 11:24 AM	-0.1	0.6	-0.7	-0.2	0.1
5/21/2020 11:30 AM	<Samp	<Samp	<Samp	<Samp	<Samp
5/21/2020 11:36 AM	Maintain	Maintain	Maintain	Maintain	Maintain
5/21/2020 11:42 AM	Maintain	Maintain	Maintain	Maintain	Maintain
5/21/2020 11:48 AM	Maintain	Maintain	Maintain	Maintain	Maintain
5/21/2020 11:54 AM	<Samp	<Samp	<Samp	<Samp	<Samp
5/21/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/21/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/21/2020 12:12 PM	-0.1	Calib	Calib	Calib	Calib
5/21/2020 12:18 PM	Calib	0.9	Calib	Calib	Calib
5/21/2020 12:24 PM	-0.1	1.2	-0.7	11.3	0.1
5/21/2020 12:30 PM	-0.1	0.9	-0.7	21.5	0.1
5/21/2020 12:36 PM	-0.1	0.2	-0.7	13.6	0.1
5/21/2020 12:42 PM	-0.1	0.2	-0.7	7.2	0.1
5/21/2020 12:48 PM	-0.1	0.2	-0.7	6.5	0.1
5/21/2020 12:54 PM	-0.1	0.3	-0.7	6.7	0.1
5/21/2020 1:00 PM	-0.1	0.2	-0.6	5.2	0.1
5/21/2020 1:06 PM	-0.2	0.2	-0.6	3.9	0.1
5/21/2020 1:12 PM	-0.2	0.1	-0.6	3.6	0.1
5/21/2020 1:18 PM	-0.2	0	-0.6	3.4	0.1
5/21/2020 1:24 PM	-0.2	0.1	-0.6	3.2	0.1
5/21/2020 1:30 PM	-0.2	0.1	-0.6	3.3	0.1
5/21/2020 1:36 PM	-0.2	0	-0.6	3.5	0.1
5/21/2020 1:42 PM	-0.2	0	-0.6	3.6	0.1
5/21/2020 1:48 PM	-0.2	-0.1	-0.7	3.6	0.1
5/21/2020 1:54 PM	-0.2	-0.1	-0.7	3.4	0.1
5/21/2020 2:00 PM	-0.2	-0.1	-0.7	3.3	0.1
5/21/2020 2:06 PM	-0.2	-0.1	-0.7	3.2	0.1
5/21/2020 2:12 PM	-0.2	-0.1	-0.7	3	0.1
5/21/2020 2:18 PM	-0.2	0	-0.7	2.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 2:24 PM	-0.2	0	-0.7	2.5	0.1
5/21/2020 2:30 PM	-0.2	0	-0.7	2.2	0.1
5/21/2020 2:36 PM	-0.2	0	-0.8	2.1	0.1
5/21/2020 2:42 PM	-0.2	0	-0.8	1.9	0.1
5/21/2020 2:48 PM	-0.2	0	-0.8	1.8	0
5/21/2020 2:54 PM	-0.2	0	-0.8	1.6	0
5/21/2020 3:00 PM	-0.2	0	-0.8	1.6	0
5/21/2020 3:06 PM	-0.2	0	-0.8	1.5	0
5/21/2020 3:12 PM	-0.2	-0.1	-0.8	1.4	0
5/21/2020 3:18 PM	-0.1	-0.1	-0.8	1.4	0
5/21/2020 3:24 PM	-0.2	-0.1	-0.8	1.4	0
5/21/2020 3:30 PM	-0.2	-0.1	-0.8	1.3	0
5/21/2020 3:36 PM	-0.2	-0.1	-0.8	1.4	0
5/21/2020 3:42 PM	-0.2	0.1	-0.8	0.6	0
5/21/2020 3:48 PM	-0.2	0.3	-0.8	-0.3	0
5/21/2020 3:54 PM	-0.2	0.2	-0.8	-0.4	0
5/21/2020 4:00 PM	-0.2	0.2	-0.8	-0.4	0
5/21/2020 4:06 PM	-0.2	0.1	-0.8	-0.4	0
5/21/2020 4:12 PM	-0.2	0.1	-0.9	-0.4	0
5/21/2020 4:18 PM	-0.2	0	-0.9	-0.4	0
5/21/2020 4:24 PM	-0.2	0	-0.9	-0.4	0
5/21/2020 4:30 PM	-0.2	0	-0.9	-0.4	0
5/21/2020 4:36 PM	-0.2	0	-0.9	-0.4	0
5/21/2020 4:42 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 4:48 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 4:54 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 5:00 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 5:06 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 5:12 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 5:18 PM	-0.3	0	-0.9	-0.4	0
5/21/2020 5:24 PM	-0.3	0.1	-0.9	-0.4	0
5/21/2020 5:30 PM	-0.3	0.7	-0.9	-0.4	0
5/21/2020 5:36 PM	-0.3	1.8	-0.9	-0.4	0
5/21/2020 5:42 PM	-0.3	1.7	-0.9	-0.4	0
5/21/2020 5:48 PM	-0.3	1.3	-0.9	-0.4	0
5/21/2020 5:54 PM	-0.3	1.2	-0.9	-0.4	0
5/21/2020 6:00 PM	-0.3	1.1	-0.9	-0.4	0
5/21/2020 6:06 PM	-0.3	1.1	-0.9	-0.4	0
5/21/2020 6:12 PM	-0.3	1	-0.9	-0.4	0
5/21/2020 6:18 PM	-0.3	1	-0.9	-0.4	0
5/21/2020 6:24 PM	-0.3	1	-0.9	-0.4	0
5/21/2020 6:30 PM	-0.3	1	-0.9	-0.4	0
5/21/2020 6:36 PM	-0.3	1	-0.9	-0.4	0
5/21/2020 6:42 PM	-0.3	1	-0.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 6:48 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 6:54 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:00 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:06 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:12 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:18 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:24 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:30 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:36 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:42 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:48 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 7:54 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 8:00 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 8:06 PM	-0.4	1	-0.9	-0.4	0
5/21/2020 8:12 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:18 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:24 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:30 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:36 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:42 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:48 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 8:54 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:00 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:06 PM	-0.4	0.8	-0.9	-0.4	0
5/21/2020 9:12 PM	-0.4	0.8	-0.9	-0.4	0
5/21/2020 9:18 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:24 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:30 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:36 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:42 PM	-0.4	0.8	-0.9	-0.4	0
5/21/2020 9:48 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 9:54 PM	-0.4	0.8	-0.9	-0.4	0
5/21/2020 10:00 PM	-0.4	0.8	-0.9	-0.4	0
5/21/2020 10:06 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 10:12 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 10:18 PM	-0.4	0.9	-0.9	-0.4	0
5/21/2020 10:24 PM	-0.3	0.7	-0.9	6.8	0
5/21/2020 10:30 PM	-0.3	0.2	-0.9	11.7	0
5/21/2020 10:36 PM	-0.4	0	-0.9	6.5	0
5/21/2020 10:42 PM	-0.4	0.1	-0.9	4.3	0
5/21/2020 10:48 PM	-0.4	0.4	-0.9	3.4	0
5/21/2020 10:54 PM	-0.4	0.5	-0.9	3	0
5/21/2020 11:00 PM	-0.4	0.5	-0.9	2.7	0
5/21/2020 11:06 PM	-0.4	0.1	-0.9	2.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/21/2020 11:12 PM	-0.4	-0.6	-0.9	0.7	0
5/21/2020 11:18 PM	-0.4	-0.8	-0.9	-0.4	0
5/21/2020 11:24 PM	-0.4	-0.6	-0.9	-0.4	0
5/21/2020 11:30 PM	-0.4	-0.7	-0.9	-0.4	0
5/21/2020 11:36 PM	-0.4	-0.7	-0.9	-0.4	0
5/21/2020 11:42 PM	-0.4	-0.8	-0.9	-0.4	0
5/21/2020 11:48 PM	-0.4	-0.8	-0.9	-0.4	0
5/21/2020 11:54 PM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 12:00 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 12:06 AM	-0.4	-0.9	-0.9	-0.4	0
5/22/2020 12:12 AM	-0.3	-0.8	-0.9	-0.4	0
5/22/2020 12:18 AM	-0.3	-0.8	-0.9	-0.4	0
5/22/2020 12:24 AM	-0.3	-0.8	-0.9	-0.4	0
5/22/2020 12:30 AM	-0.3	-0.8	-0.9	-0.4	0
5/22/2020 12:36 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 12:42 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 12:48 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 12:54 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 1:00 AM	-0.3	-0.9	-0.9	-0.3	0
5/22/2020 1:06 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 1:12 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 1:18 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 1:24 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 1:30 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 1:36 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 1:42 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 1:48 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 1:54 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 2:00 AM	-0.4	-0.9	-0.9	-0.3	0
5/22/2020 2:06 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 2:12 AM	-0.4	-0.9	-0.9	-0.4	0
5/22/2020 2:18 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 2:24 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 2:30 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 2:36 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 2:42 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 2:48 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 2:54 AM	-0.4	-0.8	-0.9	-0.4	0
5/22/2020 3:00 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 3:06 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 3:12 AM	-0.4	-0.8	-0.9	-0.3	0
5/22/2020 3:18 AM	-0.4	1.1	-0.9	-0.3	0
5/22/2020 3:24 AM	-0.4	4.3	-0.9	-0.3	0
5/22/2020 3:30 AM	-0.4	3.1	-0.6	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/22/2020 3:36 AM	-0.4	1	-0.2	-0.3	0
5/22/2020 3:42 AM	-0.4	0.7	-0.5	-0.3	0
5/22/2020 3:48 AM	-0.4	0.5	-0.8	-0.3	0
5/22/2020 3:54 AM	-0.4	0.4	-0.9	-0.3	0
5/22/2020 4:00 AM	-0.4	0.4	-0.9	-0.4	0
5/22/2020 4:06 AM	-0.4	1.1	-0.9	-0.3	0
5/22/2020 4:12 AM	-0.4	1.7	-0.9	-0.4	0
5/22/2020 4:18 AM	-0.4	1.8	-0.9	-0.3	0
5/22/2020 4:24 AM	-0.4	2	-0.9	-0.3	0
5/22/2020 4:30 AM	-0.4	2.1	-0.9	-0.4	0
5/22/2020 4:36 AM	-0.4	2	-0.9	-0.3	0
5/22/2020 4:42 AM	-0.4	1.9	-0.9	-0.3	0
5/22/2020 4:48 AM	-0.4	1.7	-0.9	-0.3	0
5/22/2020 4:54 AM	-0.4	1.5	-0.9	-0.3	0
5/22/2020 5:00 AM	-0.4	1.3	-0.9	-0.3	0
5/22/2020 5:06 AM	-0.4	1.2	-1	-0.3	0
5/22/2020 5:12 AM	-0.4	1.1	-1	-0.3	0
5/22/2020 5:18 AM	-0.4	1.1	-1	-0.3	0
5/22/2020 5:24 AM	-0.4	1.1	-1	-0.3	0
5/22/2020 5:30 AM	-0.4	1	-1	-0.3	0
5/22/2020 5:36 AM	-0.3	1	-1	-0.3	0
5/22/2020 5:42 AM	-0.3	1	-1	-0.3	0.1
5/22/2020 5:48 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 5:54 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:00 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:06 AM	-0.4	1	-1	-0.4	0.1
5/22/2020 6:12 AM	-0.3	0.9	-1	-0.4	0.1
5/22/2020 6:18 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:24 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:30 AM	-0.3	0.9	-1	-0.4	0.1
5/22/2020 6:36 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:42 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 6:48 AM	-0.3	0.9	-1	-0.4	0.1
5/22/2020 6:54 AM	-0.3	0.9	-1	-0.4	0.1
5/22/2020 7:00 AM	-0.3	0.9	-1	-0.4	0.1
5/22/2020 7:06 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 7:12 AM	-0.3	1	-1	-0.4	0.1
5/22/2020 7:18 AM	-0.2	1	-1	-0.4	0.1
5/22/2020 7:24 AM	-0.2	1	-1	-0.4	0.1
5/22/2020 7:30 AM	-0.2	1	-1	-0.4	0.1
5/22/2020 7:36 AM	-0.2	1	-0.9	-0.4	0.1
5/22/2020 7:42 AM	-0.2	1	-0.9	-0.4	0.1
5/22/2020 7:48 AM	-0.2	1	-0.9	-0.4	0.1
5/22/2020 7:54 AM	-0.2	1	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/22/2020 8:00 AM	-0.2	1	-0.9	-0.4	0.1
5/22/2020 8:06 AM	-0.2	1	-0.9	-0.4	0.1
5/22/2020 8:12 AM	-0.2	1.1	-0.9	-0.4	0.1
5/22/2020 8:18 AM	-0.2	1.1	-0.9	-0.4	0.1
5/22/2020 8:24 AM	-0.1	1.1	-0.8	-0.4	0.1
5/22/2020 8:30 AM	-0.1	1.1	-0.8	-0.4	0.1
5/22/2020 8:36 AM	-0.1	1.1	-0.8	-0.4	0.1
5/22/2020 8:42 AM	-0.1	1.1	-0.7	-0.4	0.1
5/22/2020 8:48 AM	-0.1	1.1	-0.7	-0.4	0.1
5/22/2020 8:54 AM	-0.1	1.1	-0.6	-0.4	0.1
5/22/2020 9:00 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:06 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:12 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:18 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:24 AM	-0.1	1.1	-0.6	-0.4	0.1
5/22/2020 9:30 AM	-0.1	1.1	-0.6	-0.4	0.1
5/22/2020 9:36 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:42 AM	-0.1	1	-0.6	-0.4	0.1
5/22/2020 9:48 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 9:54 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:00 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:06 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:12 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:18 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:24 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:30 AM	-0.1	1	-0.7	-0.4	0.1
5/22/2020 10:36 AM	-0.1	1.1	-0.7	-0.4	0.1
5/22/2020 10:42 AM	-0.1	1.1	-0.7	-0.4	0.1
5/22/2020 10:48 AM	-0.1	1	-0.7	7.9	0.1
5/22/2020 10:54 AM	-0.1	0.6	-0.7	16.6	0.1
5/22/2020 11:00 AM	-0.1	0.4	-0.7	13.5	0.1
5/22/2020 11:06 AM	-0.1	0.5	-0.7	8.2	0.1
5/22/2020 11:12 AM	-0.1	0.4	-0.7	5.3	0.1
5/22/2020 11:18 AM	-0.1	0.4	-0.7	3.9	0.1
5/22/2020 11:24 AM	-0.1	0.4	-0.7	3.9	0.1
5/22/2020 11:30 AM	-0.1	0.4	-0.7	4.2	0.1
5/22/2020 11:36 AM	-0.1	0.3	-0.7	4.1	0.1
5/22/2020 11:42 AM	-0.1	0.2	-0.7	4	0.1
5/22/2020 11:48 AM	-0.1	0.2	-0.7	3.8	0.1
5/22/2020 11:54 AM	-0.1	0.2	-0.7	3.9	0.1
5/22/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/22/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/22/2020 12:12 PM	-0.1	0.1	-0.8	3.5	0.1
5/22/2020 12:18 PM	-0.1	0	-0.8	3.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/22/2020 12:24 PM	-0.1	0.1	-0.8	2.9	9.5
5/22/2020 12:30 PM	-0.1	0	-0.8	2.7	15.2
5/22/2020 12:36 PM	-0.1	0	9.6	2.8	6
5/22/2020 12:42 PM	-0.1	-0.1	13.4	2.6	1.3
5/22/2020 12:48 PM	-0.1	-0.1	3	2.3	0.4
5/22/2020 12:54 PM	-0.1	-0.1	0.6	2.1	0.2
5/22/2020 1:00 PM	-0.1	-0.1	0.2	2	0.1
5/22/2020 1:06 PM	-0.1	-0.1	-0.1	1.9	0.1
5/22/2020 1:12 PM	-0.1	-0.1	-0.3	1.9	0.1
5/22/2020 1:18 PM	-0.1	0	-0.5	1.9	0.1
5/22/2020 1:24 PM	-0.1	0	-0.6	1.9	0.1
5/22/2020 1:30 PM	-0.1	-0.1	-0.7	1.9	0.1
5/22/2020 1:36 PM	-0.1	0	-0.8	1.8	0.1
5/22/2020 1:42 PM	-0.1	0	-0.8	1.7	0.1
5/22/2020 1:48 PM	-0.1	0	-0.8	1.8	0.1
5/22/2020 1:54 PM	-0.1	-0.1	-0.8	1.8	0.1
5/22/2020 2:00 PM	-0.1	-0.1	-0.8	1.7	0.1
5/22/2020 2:06 PM	-0.1	-0.1	-0.8	1.7	0.1
5/22/2020 2:12 PM	-0.1	0	-0.8	1.7	0.1
5/22/2020 2:18 PM	-0.1	-0.1	-0.8	1.7	0.1
5/22/2020 2:24 PM	-0.1	-0.1	-0.8	1.7	0.1
5/22/2020 2:30 PM	-0.1	-0.1	-0.8	1.6	0.1
5/22/2020 2:36 PM	-0.1	-0.1	-0.9	1.6	0.1
5/22/2020 2:42 PM	-0.1	-0.1	-0.9	1.6	0.1
5/22/2020 2:48 PM	-0.1	-0.1	-0.9	1.7	0.1
5/22/2020 2:54 PM	-0.1	-0.1	-0.9	1.7	0.1
5/22/2020 3:00 PM	-0.1	-0.1	-0.9	1.6	0.1
5/22/2020 3:06 PM	-0.1	-0.1	-0.9	1.7	0.1
5/22/2020 3:12 PM	-0.1	-0.1	-0.9	1.7	0.1
5/22/2020 3:18 PM	-0.1	-0.1	-0.9	1.5	0.1
5/22/2020 3:24 PM	-0.1	-0.1	-0.9	1.5	0.1
5/22/2020 3:30 PM	-0.1	-0.1	-0.9	1.5	0.1
5/22/2020 3:36 PM	-0.1	0	-0.9	1.5	0.1
5/22/2020 3:42 PM	-0.1	0	-0.9	1.4	0.1
5/22/2020 3:48 PM	-0.1	0	-0.9	1.5	0.1
5/22/2020 3:54 PM	-0.1	0.1	-0.9	1.5	0.1
5/22/2020 4:00 PM	-0.1	0.1	-0.9	1.1	0.1
5/22/2020 4:06 PM	-0.1	0.1	-0.9	0.9	0.1
5/22/2020 4:12 PM	-0.1	0.1	-0.9	1	0.1
5/22/2020 4:18 PM	-0.1	0	-0.9	1	0.1
5/22/2020 4:24 PM	-0.1	0	-0.9	1.1	0.1
5/22/2020 4:30 PM	-0.1	0	-0.9	1.1	0.1
5/22/2020 4:36 PM	-0.1	0	-0.9	1.1	0.1
5/22/2020 4:42 PM	-0.1	0	-0.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/22/2020 4:48 PM	-0.2	0	-0.9	1.1	0.1
5/22/2020 4:54 PM	-0.2	0	-1	1.2	0.1
5/22/2020 5:00 PM	-0.2	0	-1	1.2	0.1
5/22/2020 5:06 PM	-0.2	0.2	6.2	1.1	0.1
5/22/2020 5:12 PM	-0.2	0.3	14.6	0.4	0.1
5/22/2020 5:18 PM	-0.2	0.1	9.6	-0.2	0.1
5/22/2020 5:24 PM	-0.2	0	6.7	-0.3	0.1
5/22/2020 5:30 PM	-0.2	-0.1	5.7	-0.3	0.1
5/22/2020 5:36 PM	-0.3	-0.1	4.3	-0.3	0.1
5/22/2020 5:42 PM	-0.3	0	3.1	-0.4	0.1
5/22/2020 5:48 PM	-0.3	0	2.8	-0.4	0.1
5/22/2020 5:54 PM	-0.3	0	2.7	-0.4	0.1
5/22/2020 6:00 PM	-0.3	0.3	2.1	-0.4	0.1
5/22/2020 6:06 PM	-0.3	0.7	0.3	-0.4	0.1
5/22/2020 6:12 PM	-0.3	0.6	-0.7	-0.4	0.1
5/22/2020 6:18 PM	-0.2	0.5	-0.7	-0.4	0.1
5/22/2020 6:24 PM	-0.2	1.1	-0.8	-0.4	0.1
5/22/2020 6:30 PM	-0.2	2.4	-0.8	-0.4	0.1
5/22/2020 6:36 PM	-0.2	2.5	-0.8	-0.4	0.1
5/22/2020 6:42 PM	-0.2	2.2	-0.8	-0.4	0.1
5/22/2020 6:48 PM	-0.2	1.9	-0.8	-0.4	0.1
5/22/2020 6:54 PM	-0.2	1.7	-0.8	-0.4	0.1
5/22/2020 7:00 PM	-0.2	1.5	-0.8	-0.4	0.1
5/22/2020 7:06 PM	-0.2	1.4	-0.8	-0.4	0.1
5/22/2020 7:12 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 7:18 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 7:24 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 7:30 PM	-0.2	1.3	-0.8	-0.4	0.1
5/22/2020 7:36 PM	-0.2	1.3	-0.8	-0.3	0.1
5/22/2020 7:42 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 7:48 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 7:54 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 8:00 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 8:06 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 8:12 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 8:18 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 8:24 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 8:30 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 8:36 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 8:42 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 8:48 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 8:54 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 9:00 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 9:06 PM	-0.3	1.3	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/22/2020 9:12 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 9:18 PM	-0.2	1.4	-0.9	-0.4	0.1
5/22/2020 9:24 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 9:30 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 9:36 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 9:42 PM	-0.2	1.3	-0.9	-0.4	0.1
5/22/2020 9:48 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 9:54 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 10:00 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 10:06 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 10:12 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 10:18 PM	-0.2	1.2	-0.9	-0.4	0.1
5/22/2020 10:24 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 10:30 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 10:36 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 10:42 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 10:48 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 10:54 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:00 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:06 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 11:12 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:18 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:24 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:30 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:36 PM	-0.3	1.2	-0.9	-0.4	0.1
5/22/2020 11:42 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 11:48 PM	-0.3	1.3	-0.9	-0.4	0.1
5/22/2020 11:54 PM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:00 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:06 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:12 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:18 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:24 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:30 AM	-0.3	1.4	-0.9	-0.4	0.1
5/23/2020 12:36 AM	-0.3	1.4	-0.9	-0.4	0.1
5/23/2020 12:42 AM	-0.3	1.3	-0.9	-0.4	0.1
5/23/2020 12:48 AM	-0.3	1.4	-0.9	-0.4	0.1
5/23/2020 12:54 AM	-0.3	1.4	-0.9	-0.3	0.1
5/23/2020 1:00 AM	-0.3	1.4	-0.9	-0.4	0.1
5/23/2020 1:06 AM	-0.2	1.3	-0.9	-0.4	0.1
5/23/2020 1:12 AM	-0.2	1.3	-0.9	-0.3	0.1
5/23/2020 1:18 AM	-0.2	1.3	-0.9	-0.3	0.1
5/23/2020 1:24 AM	-0.2	1.3	-0.9	-0.3	0.1
5/23/2020 1:30 AM	-0.2	1.3	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 1:36 AM	-0.2	1.2	-0.9	-0.4	0.1
5/23/2020 1:42 AM	-0.2	0.6	-0.9	-0.4	0.1
5/23/2020 1:48 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 1:54 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 2:00 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 2:06 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 2:12 AM	-0.2	0.1	-0.9	-0.4	0.1
5/23/2020 2:18 AM	-0.2	0.1	-0.9	-0.4	0.1
5/23/2020 2:24 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 2:30 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 2:36 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 2:42 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 2:48 AM	-0.2	0.2	-0.8	-0.3	0.1
5/23/2020 2:54 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:00 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:06 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:12 AM	-0.2	0.3	-0.9	-0.3	0.1
5/23/2020 3:18 AM	-0.2	0.3	-0.9	-0.3	0.1
5/23/2020 3:24 AM	-0.2	0.3	-0.9	-0.3	0.1
5/23/2020 3:30 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:36 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:42 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:48 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 3:54 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 4:00 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 4:06 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 4:12 AM	-0.2	0.2	-0.9	-0.3	0.1
5/23/2020 4:18 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 4:24 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 4:30 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 4:36 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 4:42 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 4:48 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 4:54 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 5:00 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 5:06 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 5:12 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:18 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:24 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:30 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:36 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:42 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 5:48 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 5:54 AM	-0.2	0.1	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 6:00 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:06 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:12 AM	-0.2	0	-0.9	-0.3	0.1
5/23/2020 6:18 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:24 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:30 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:36 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:42 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:48 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 6:54 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:00 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:06 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:12 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:18 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:24 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:30 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:36 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:42 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:48 AM	-0.2	0.1	-0.9	-0.3	0.1
5/23/2020 7:54 AM	-0.2	0.1	-0.9	-0.3	4.6
5/23/2020 8:00 AM	-0.2	0.1	-0.9	8.3	10.7
5/23/2020 8:06 AM	-0.2	0.1	7.7	9.5	5.4
5/23/2020 8:12 AM	-0.2	0.1	3.8	0.2	1.9
5/23/2020 8:18 AM	-0.2	0.1	0.6	-0.3	1
5/23/2020 8:24 AM	-0.2	0.1	-0.1	-0.4	0.6
5/23/2020 8:30 AM	-0.2	0.1	-0.6	-0.4	0.4
5/23/2020 8:36 AM	-0.2	0.1	-0.8	-0.4	0.3
5/23/2020 8:42 AM	-0.2	0.1	-0.8	-0.4	0.2
5/23/2020 8:48 AM	-0.2	0.1	-0.9	-0.3	0.2
5/23/2020 8:54 AM	-0.2	0.1	-0.9	-0.3	0.2
5/23/2020 9:00 AM	-0.2	0.1	-0.9	-0.3	0.2
5/23/2020 9:06 AM	-0.2	0.1	-0.9	-0.3	2.5
5/23/2020 9:12 AM	-0.2	0	-0.9	-0.3	14.3
5/23/2020 9:18 AM	-0.2	0	-0.9	-0.3	14.9
5/23/2020 9:24 AM	-0.2	0	-0.9	-0.3	8.5
5/23/2020 9:30 AM	-0.2	0	-0.9	-0.3	6.4
5/23/2020 9:36 AM	-0.2	0	-0.9	-0.3	6.1
5/23/2020 9:42 AM	-0.2	0	-0.9	-0.3	5.9
5/23/2020 9:48 AM	-0.2	0	-0.9	-0.3	5.2
5/23/2020 9:54 AM	-0.2	0	-0.9	-0.3	4.4
5/23/2020 10:00 AM	-0.2	0	-0.8	-0.3	3.8
5/23/2020 10:06 AM	-0.2	0	-0.8	-0.3	3.3
5/23/2020 10:12 AM	-0.2	0	-0.8	-0.3	3
5/23/2020 10:18 AM	-0.2	0	-0.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 10:24 AM	-0.2	0.1	-0.8	-0.3	2.8
5/23/2020 10:30 AM	-0.2	0.1	-0.8	-0.3	2.7
5/23/2020 10:36 AM	-0.2	0.1	-0.8	-0.3	2.7
5/23/2020 10:42 AM	-0.2	0.3	-0.8	-0.3	2.9
5/23/2020 10:48 AM	-0.2	0.4	-0.8	-0.3	3.1
5/23/2020 10:54 AM	-0.2	0.3	-0.8	-0.2	2.9
5/23/2020 11:00 AM	-0.2	1.5	-0.8	-0.2	6.4
5/23/2020 11:06 AM	-0.2	2.5	-0.8	-0.2	9.5
5/23/2020 11:12 AM	-0.2	1.9	6.8	-0.2	8.3
5/23/2020 11:18 AM	-0.2	1.4	14.4	-0.2	8.1
5/23/2020 11:24 AM	-0.2	1.2	9.6	-0.2	8.1
5/23/2020 11:30 AM	-0.2	1.2	6.6	-0.2	8
5/23/2020 11:36 AM	-0.2	1.1	8.7	-0.2	7.5
5/23/2020 11:42 AM	-0.2	1.1	11	-0.2	7
5/23/2020 11:48 AM	-0.2	1	7.9	-0.2	6.9
5/23/2020 11:54 AM	-0.2	0.9	6.8	-0.2	7.1
5/23/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/23/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/23/2020 12:12 PM	-1.1	0.7	5.9	-0.5	6.9
5/23/2020 12:18 PM	-1.1	0.6	5.6	-0.5	6.9
5/23/2020 12:24 PM	-1.1	0.6	5.5	-0.5	6.7
5/23/2020 12:30 PM	-1.1	0.6	5.7	6.5	6.7
5/23/2020 12:36 PM	-1.1	0.5	5.6	17.2	6.5
5/23/2020 12:42 PM	-1.1	0.5	5.6	17.9	6.5
5/23/2020 12:48 PM	-1.1	0.5	5.8	12.3	6.5
5/23/2020 12:54 PM	-1.1	0.5	5.8	7.3	6.3
5/23/2020 1:00 PM	-1.1	0.5	6	6.9	6.2
5/23/2020 1:06 PM	-1.1	0.5	6.2	9.3	6.1
5/23/2020 1:12 PM	-1.1	0.5	6.3	12.1	5.9
5/23/2020 1:18 PM	-1.1	0.5	6.5	12.4	5.7
5/23/2020 1:24 PM	-1.1	0.5	6.6	11.7	5.5
5/23/2020 1:30 PM	-1.1	0.4	6.8	11.7	5.6
5/23/2020 1:36 PM	-1.1	0.1	6.7	11.3	5.9
5/23/2020 1:42 PM	-1.1	-0.3	6.6	10.8	5.8
5/23/2020 1:48 PM	-1.1	-0.5	6	7.9	5.4
5/23/2020 1:54 PM	-1.1	-0.4	3.7	2.9	3.9
5/23/2020 2:00 PM	-1.1	-0.2	1.4	0	2.1
5/23/2020 2:06 PM	-1.1	-0.2	0.3	-0.6	1.9
5/23/2020 2:12 PM	-1.1	-0.2	0	-0.6	2
5/23/2020 2:18 PM	-1.1	-0.1	-0.2	-0.6	2.1
5/23/2020 2:24 PM	-1.1	0	-0.2	-0.6	2.1
5/23/2020 2:30 PM	-1.1	0	-0.3	-0.6	2
5/23/2020 2:36 PM	-1.1	0	-0.3	-0.6	2.1
5/23/2020 2:42 PM	-1.1	0	-0.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 2:48 PM	-1.1	-0.1	-0.4	-0.6	2.1
5/23/2020 2:54 PM	-1.1	-0.1	-0.4	-0.6	2.1
5/23/2020 3:00 PM	-1.1	0	-0.4	-0.6	2.1
5/23/2020 3:06 PM	-1.1	0	-0.5	-0.6	2.2
5/23/2020 3:12 PM	-1.1	0	-0.5	-0.6	2.2
5/23/2020 3:18 PM	-1.1	0	-0.4	-0.6	2.2
5/23/2020 3:24 PM	-1.1	0	-0.3	-0.6	2.2
5/23/2020 3:30 PM	-1.1	-0.1	-0.3	-0.5	2.2
5/23/2020 3:36 PM	-1.1	0.2	-0.3	-0.5	2.2
5/23/2020 3:42 PM	-1.1	0.2	-0.4	-0.4	2.1
5/23/2020 3:48 PM	-1.1	0.1	-0.4	-0.4	2.1
5/23/2020 3:54 PM	-1.2	0.3	-0.4	-0.5	2.1
5/23/2020 4:00 PM	-1.2	0.3	-0.5	-0.5	2.1
5/23/2020 4:06 PM	-1.2	0.3	-0.5	-0.5	2.1
5/23/2020 4:12 PM	-1.2	0.2	-0.5	-0.5	2.1
5/23/2020 4:18 PM	-1.3	0.2	-0.5	-0.5	2.1
5/23/2020 4:24 PM	-1.3	0.3	-0.5	-0.5	2.1
5/23/2020 4:30 PM	-1.3	0.3	-0.6	-0.5	2.1
5/23/2020 4:36 PM	-1.3	0.2	-0.6	-0.5	2.1
5/23/2020 4:42 PM	-1.3	0.2	-0.6	-0.6	2.2
5/23/2020 4:48 PM	-1.3	0.2	-0.7	-0.5	2.2
5/23/2020 4:54 PM	-1.3	0.3	-0.7	-0.6	2.1
5/23/2020 5:00 PM	-1.3	0.3	-0.7	-0.6	2.1
5/23/2020 5:06 PM	-1.3	0.3	-0.7	-0.6	2.2
5/23/2020 5:12 PM	-1.3	0.3	-0.7	-0.6	2.2
5/23/2020 5:18 PM	-1.3	0.3	-0.7	-0.6	2.2
5/23/2020 5:24 PM	-1.3	0.3	-0.7	-0.5	2.2
5/23/2020 5:30 PM	-1.3	0.3	-0.7	-0.6	2.2
5/23/2020 5:36 PM	-1.3	0.4	-0.7	-0.6	2.1
5/23/2020 5:42 PM	-1.3	0.2	-0.7	-0.6	2.1
5/23/2020 5:48 PM	-1.3	-0.2	-0.7	-0.6	2.1
5/23/2020 5:54 PM	-1.3	-0.2	-0.7	-0.6	2.1
5/23/2020 6:00 PM	-1.3	-0.1	-0.7	-0.6	2.1
5/23/2020 6:06 PM	-1.3	0	-0.7	-0.6	2.1
5/23/2020 6:12 PM	-1.3	0	-0.7	-0.6	2.1
5/23/2020 6:18 PM	-1.3	-0.1	-0.7	-0.5	2.1
5/23/2020 6:24 PM	-1.3	-0.2	-0.8	-0.5	2.1
5/23/2020 6:30 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 6:36 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 6:42 PM	-1.4	-0.3	-0.8	-0.6	2.1
5/23/2020 6:48 PM	-1.4	-0.3	-0.8	-0.6	2.1
5/23/2020 6:54 PM	-1.4	-0.3	-0.8	-0.6	2.1
5/23/2020 7:00 PM	-1.4	-0.3	-0.8	-0.6	2.1
5/23/2020 7:06 PM	-1.4	-0.2	-0.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 7:12 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:18 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:24 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:30 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:36 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:42 PM	-1.4	-0.2	-0.8	-0.6	2.1
5/23/2020 7:48 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 7:54 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:00 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:06 PM	-1.4	-0.1	-0.9	-0.5	2.1
5/23/2020 8:12 PM	-1.4	-0.1	-0.8	-0.6	2.1
5/23/2020 8:18 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:24 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:30 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:36 PM	-1.4	-0.1	-0.9	-0.6	2
5/23/2020 8:42 PM	-1.4	-0.1	-0.9	-0.6	2.1
5/23/2020 8:48 PM	-1.4	-0.2	-0.9	-0.6	2
5/23/2020 8:54 PM	-1.4	-0.2	-0.9	-0.6	2
5/23/2020 9:00 PM	-1.4	-0.2	-0.9	-0.6	2
5/23/2020 9:06 PM	-1.4	-0.2	-0.9	-0.6	2
5/23/2020 9:12 PM	-1.4	-0.2	-0.9	-0.6	2
5/23/2020 9:18 PM	-1.4	-0.2	-0.9	-0.6	1.9
5/23/2020 9:24 PM	-1.4	-0.2	-0.9	-0.6	1.9
5/23/2020 9:30 PM	-1.4	-0.2	-0.9	-0.6	1.9
5/23/2020 9:36 PM	-1.4	-0.2	-0.9	-0.6	1.9
5/23/2020 9:42 PM	-1.4	-0.2	-0.9	-0.6	1.9
5/23/2020 9:48 PM	-1.4	1.7	-0.9	-0.6	1.2
5/23/2020 9:54 PM	-1.4	2.6	-0.9	-0.6	0.2
5/23/2020 10:00 PM	-1.4	1.3	-0.9	-0.6	0
5/23/2020 10:06 PM	-1.4	0.9	-0.9	-0.6	0.1
5/23/2020 10:12 PM	-1.4	0.7	-0.9	-0.6	0
5/23/2020 10:18 PM	-1.4	0.6	-0.9	-0.6	0
5/23/2020 10:24 PM	-1.4	0.5	-0.9	-0.6	0
5/23/2020 10:30 PM	-1.4	0.4	-1	-0.6	0
5/23/2020 10:36 PM	-1.4	0.4	-1	-0.6	0
5/23/2020 10:42 PM	-1.4	0.3	-1	-0.6	0
5/23/2020 10:48 PM	-1.4	0.3	-1	-0.6	0
5/23/2020 10:54 PM	-1.4	0.3	-1	-0.6	0
5/23/2020 11:00 PM	-1.4	0.3	-1	-0.6	0
5/23/2020 11:06 PM	-1.4	0.3	-1	-0.6	0
5/23/2020 11:12 PM	-1.4	0.2	-1	-0.6	0
5/23/2020 11:18 PM	-1.4	0.2	-1	-0.6	0
5/23/2020 11:24 PM	-1.4	0.2	-1	-0.6	0
5/23/2020 11:30 PM	-1.4	0.2	-1	-0.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/23/2020 11:36 PM	-1.4	0.2	-1	-0.6	0
5/23/2020 11:42 PM	-1.4	0.1	-1	-0.6	0
5/23/2020 11:48 PM	-1.4	0.1	-1	-0.6	0
5/23/2020 11:54 PM	-1.4	0.1	-1	-0.6	0
5/24/2020 12:00 AM	-1.4	0.1	-0.9	-0.6	-0.1
5/24/2020 12:06 AM	-1.4	0.1	-0.9	-0.6	-0.1
5/24/2020 12:12 AM	-1.4	-0.1	-0.9	-0.6	0
5/24/2020 12:18 AM	-1.4	-0.4	-0.9	-0.6	0
5/24/2020 12:24 AM	-1.4	-0.4	-1	-0.6	0
5/24/2020 12:30 AM	-1.4	-0.4	-1	-0.6	0
5/24/2020 12:36 AM	-1.4	-0.4	-1	-0.6	0
5/24/2020 12:42 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 12:48 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 12:54 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 1:00 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 1:06 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 1:12 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 1:18 AM	-1.4	-0.3	-1	-0.6	0
5/24/2020 1:24 AM	-1.4	-0.2	-1	-0.6	0
5/24/2020 1:30 AM	-1.4	-0.2	-1.1	-0.6	-0.1
5/24/2020 1:36 AM	-1.4	-0.3	-1.1	-0.6	0
5/24/2020 1:42 AM	-1.4	-0.3	-1	-0.6	-0.1
5/24/2020 1:48 AM	-1.4	-0.3	-1	-0.6	-0.1
5/24/2020 1:54 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:00 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:06 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 2:12 AM	-1.4	-0.4	-1.1	-0.6	0
5/24/2020 2:18 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:24 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:30 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:36 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 2:42 AM	-1.4	-0.3	-1	-0.6	-0.1
5/24/2020 2:48 AM	-1.4	-0.3	-1	-0.6	-0.1
5/24/2020 2:54 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 3:00 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 3:06 AM	-1.4	-0.4	-1.1	-0.6	0
5/24/2020 3:12 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 3:18 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 3:24 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 3:30 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 3:36 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 3:42 AM	-1.4	-0.4	-1.1	-0.6	-0.1
5/24/2020 3:48 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 3:54 AM	-1.4	-0.2	-1.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/24/2020 4:00 AM	-1.4	-0.2	-1.1	-0.6	-0.1
5/24/2020 4:06 AM	-1.4	-0.2	-1.1	-0.6	-0.1
5/24/2020 4:12 AM	-1.4	-0.2	-1.1	-0.6	-0.1
5/24/2020 4:18 AM	-1.4	-0.3	-1.1	-0.6	-0.1
5/24/2020 4:24 AM	-1.4	-0.2	-1.1	-0.6	-0.1
5/24/2020 4:30 AM	-1.5	-0.3	-1.1	-0.6	-0.1
5/24/2020 4:36 AM	-1.5	-0.3	-1.1	-0.6	-0.1
5/24/2020 4:42 AM	-1.5	-0.3	-1.1	-0.6	-0.1
5/24/2020 4:48 AM	-1.5	-0.3	-1.1	-0.6	-0.1
5/24/2020 4:54 AM	-1.5	-0.4	-1.1	-0.5	-0.1
5/24/2020 5:00 AM	-1.5	-0.4	-1.2	-0.5	-0.1
5/24/2020 5:06 AM	-1.5	-0.3	-1.2	-0.5	-0.1
5/24/2020 5:12 AM	-1.5	-0.3	-1.2	-0.5	-0.1
5/24/2020 5:18 AM	-1.5	-0.3	-1.2	-0.5	-0.1
5/24/2020 5:24 AM	-1.5	-0.3	-1.2	-0.5	-0.1
5/24/2020 5:30 AM	-1.5	-0.3	-1.3	-0.5	-0.1
5/24/2020 5:36 AM	-1.5	-0.3	-1.3	-0.5	-0.1
5/24/2020 5:42 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 5:48 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 5:54 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 6:00 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 6:06 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 6:12 AM	-1.5	-0.4	-1.3	-0.5	-0.1
5/24/2020 6:18 AM	-1.5	-0.4	-1.2	-0.5	-0.1
5/24/2020 6:24 AM	-1.5	-0.4	-1.2	-0.5	-0.1
5/24/2020 6:30 AM	-1.5	-0.4	-1.2	-0.5	-0.1
5/24/2020 6:36 AM	-1.5	-0.4	-1.1	-0.5	-0.1
5/24/2020 6:42 AM	-1.5	-0.4	-1.1	-0.5	-0.1
5/24/2020 6:48 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 6:54 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:00 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:06 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:12 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:18 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:24 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:30 AM	-1.5	-0.4	-1	-0.5	-0.1
5/24/2020 7:36 AM	-1.5	-0.3	-1.1	-0.5	-0.1
5/24/2020 7:42 AM	-1.5	-0.3	-1.1	-0.5	-0.1
5/24/2020 7:48 AM	-1.5	-0.3	-1.1	-0.5	-0.1
5/24/2020 7:54 AM	-1.5	-0.3	-1.1	-0.6	-0.1
5/24/2020 8:00 AM	-1.5	-0.3	-1.1	-0.5	-0.1
5/24/2020 8:06 AM	-1.4	-0.3	-1.1	-0.5	-0.1
5/24/2020 8:12 AM	-1.4	-0.3	-1.1	-0.5	-0.1
5/24/2020 8:18 AM	-1.4	-0.3	-1.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/24/2020 8:24 AM	-1.4	-0.2	-1.1	-0.5	-0.1
5/24/2020 8:30 AM	-1.4	-0.2	-1.2	-0.5	-0.1
5/24/2020 8:36 AM	-1.4	-0.2	-1.2	-0.5	-0.1
5/24/2020 8:42 AM	-1.4	-0.3	-1.1	-0.5	-0.1
5/24/2020 8:48 AM	-1.4	-0.2	-1.2	-0.5	-0.1
5/24/2020 8:54 AM	-1.4	-0.2	-1.1	-0.5	-0.1
5/24/2020 9:00 AM	-1.4	-0.3	-1.1	-0.5	-0.1
5/24/2020 9:06 AM	-1.4	-0.2	-1.1	-0.5	-0.1
5/24/2020 9:12 AM	-1.4	1.2	-1.1	-0.5	-0.1
5/24/2020 9:18 AM	-1.4	2.6	-1.1	-0.5	-0.1
5/24/2020 9:24 AM	-1.3	2	-1.1	-0.5	-0.1
5/24/2020 9:30 AM	-1.3	1.5	-1.1	-0.5	-0.1
5/24/2020 9:36 AM	-1.3	1.2	-1.1	-0.5	-0.1
5/24/2020 9:42 AM	-1.3	1	-1.1	-0.5	-0.1
5/24/2020 9:48 AM	-1.3	0.9	-1.1	-0.5	-0.1
5/24/2020 9:54 AM	-1.3	0.9	-1.1	-0.5	-0.1
5/24/2020 10:00 AM	-1.3	0.8	-1.1	-0.5	-0.1
5/24/2020 10:06 AM	-1.3	0.7	-1.1	-0.5	-0.1
5/24/2020 10:12 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 10:18 AM	-1.3	0.6	-1.2	-0.5	-0.1
5/24/2020 10:24 AM	-1.3	0.6	-1.2	-0.5	-0.1
5/24/2020 10:30 AM	-1.3	0.6	-1.2	-0.5	-0.1
5/24/2020 10:36 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 10:42 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 10:48 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 10:54 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 11:00 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 11:06 AM	-1.3	0.6	-1.1	-0.5	-0.1
5/24/2020 11:12 AM	-1.3	0.5	-1.1	-0.5	-0.1
5/24/2020 11:18 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 11:24 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 11:30 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 11:36 AM	-1.2	0.7	-1.1	-0.5	-0.1
5/24/2020 11:42 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 11:48 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 11:54 AM	-1.2	0.6	-1.1	-0.5	-0.1
5/24/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/24/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/24/2020 12:12 PM	-0.4	0.7	-1	-0.4	0
5/24/2020 12:18 PM	-0.4	0.8	-1	-0.4	0
5/24/2020 12:24 PM	-0.4	0.7	-1	-0.3	0
5/24/2020 12:30 PM	-0.4	0.7	-1	-0.4	0
5/24/2020 12:36 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 12:42 PM	-0.4	0.8	-1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/24/2020 12:48 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 12:54 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 1:00 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 1:06 PM	-0.4	0.8	-1	-0.4	0
5/24/2020 1:12 PM	-0.4	0.8	-1	-0.4	0
5/24/2020 1:18 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:24 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:30 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:36 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:42 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:48 PM	-0.4	0.7	-0.9	-0.4	0
5/24/2020 1:54 PM	-0.4	0.7	-0.8	-0.4	0
5/24/2020 2:00 PM	-0.4	0.8	-0.8	-0.4	0
5/24/2020 2:06 PM	-0.3	0.8	-0.8	-0.4	0
5/24/2020 2:12 PM	-0.3	0.8	-0.8	-0.4	0
5/24/2020 2:18 PM	-0.3	0.8	-0.8	-0.4	0
5/24/2020 2:24 PM	-0.3	0.9	-0.9	-0.4	0
5/24/2020 2:30 PM	-0.3	0.9	-0.9	-0.4	0
5/24/2020 2:36 PM	-0.3	0.9	-0.9	-0.4	0
5/24/2020 2:42 PM	-0.3	0.9	-0.9	-0.4	0
5/24/2020 2:48 PM	-0.3	0.9	-0.9	-0.4	0
5/24/2020 2:54 PM	-0.3	0.8	-0.9	-0.3	0
5/24/2020 3:00 PM	-0.3	0.8	-0.9	-0.3	0
5/24/2020 3:06 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:12 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:18 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:24 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:30 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:36 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:42 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:48 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 3:54 PM	-0.3	0.8	-0.9	-0.4	0
5/24/2020 4:00 PM	-0.3	0.7	-0.9	-0.4	0
5/24/2020 4:06 PM	-0.3	0.7	-0.9	-0.4	0
5/24/2020 4:12 PM	-0.3	0.8	-1	-0.4	0
5/24/2020 4:18 PM	-0.3	0.8	-1	-0.3	0
5/24/2020 4:24 PM	-0.3	0.8	-1	-0.3	0
5/24/2020 4:30 PM	-0.3	0.8	-1	-0.3	0
5/24/2020 4:36 PM	-0.3	0.8	-1	-0.3	0
5/24/2020 4:42 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 4:48 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 4:54 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 5:00 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 5:06 PM	-0.4	0.9	-1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/24/2020 5:12 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 5:18 PM	-0.4	0.8	-1	-0.3	0
5/24/2020 5:24 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 5:30 PM	-0.4	1	-1	-0.3	0
5/24/2020 5:36 PM	-0.4	1	-1	-0.3	0
5/24/2020 5:42 PM	-0.4	1	-1	-0.3	0
5/24/2020 5:48 PM	-0.4	1	-1	-0.3	0
5/24/2020 5:54 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:00 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 6:06 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 6:12 PM	-0.4	1	-0.9	-0.3	0
5/24/2020 6:18 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:24 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:30 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:36 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:42 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:48 PM	-0.4	1	-1	-0.3	0
5/24/2020 6:54 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:00 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:06 PM	-0.4	1	-1	-0.3	0
5/24/2020 7:12 PM	-0.4	1	-1	-0.3	0
5/24/2020 7:18 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:24 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:30 PM	-0.4	1	-1	-0.3	0
5/24/2020 7:36 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:42 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:48 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 7:54 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 8:00 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 8:06 PM	-0.4	0.9	-1	-0.3	0
5/24/2020 8:12 PM	-0.4	1	-1	-0.3	0
5/24/2020 8:18 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:24 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:30 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:36 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:42 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:48 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 8:54 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:00 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:06 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:12 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:18 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:24 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:30 PM	-0.5	1	-1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/24/2020 9:36 PM	-0.5	1	-1	-0.3	0
5/24/2020 9:42 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 9:48 PM	-0.5	1	-1	-0.3	0
5/24/2020 9:54 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:00 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 10:06 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 10:12 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:18 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:24 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:30 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:36 PM	-0.5	1	-1	-0.3	0
5/24/2020 10:42 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 10:48 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 10:54 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:00 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:06 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:12 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:18 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:24 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:30 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:36 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:42 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:48 PM	-0.5	0.9	-1	-0.3	0
5/24/2020 11:54 PM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:00 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:06 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:12 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:18 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:24 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:30 AM	-0.5	0.9	-1	-0.3	0
5/25/2020 12:36 AM	-0.5	0.3	-1	-0.3	0
5/25/2020 12:42 AM	-0.5	0	-1	-0.3	0
5/25/2020 12:48 AM	-0.5	0.1	-1	-0.3	0
5/25/2020 12:54 AM	-0.5	0.2	-1	-0.3	0
5/25/2020 1:00 AM	-0.5	0.2	-1	-0.3	0
5/25/2020 1:06 AM	-0.5	0.1	-1	-0.3	0
5/25/2020 1:12 AM	-0.5	0.1	-1	-0.3	0
5/25/2020 1:18 AM	-0.5	0	-1	-0.3	0
5/25/2020 1:24 AM	-0.5	0	-1	-0.3	0
5/25/2020 1:30 AM	-0.5	0	-1	-0.3	0
5/25/2020 1:36 AM	-0.5	0	-1	-0.2	0
5/25/2020 1:42 AM	-0.5	0	-1	-0.2	0
5/25/2020 1:48 AM	-0.5	0	-1	-0.2	0
5/25/2020 1:54 AM	-0.5	0	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/25/2020 2:00 AM	-0.5	-0.1	-1	-0.2	0
5/25/2020 2:06 AM	-0.5	-0.1	-1	-0.2	0
5/25/2020 2:12 AM	-0.5	-0.1	-1	-0.2	0
5/25/2020 2:18 AM	-0.5	-0.1	-1	-0.2	0
5/25/2020 2:24 AM	-0.5	-0.1	-1	-0.2	0
5/25/2020 2:30 AM	-0.6	0	-1	-0.2	0
5/25/2020 2:36 AM	-0.6	0	-1	-0.2	0
5/25/2020 2:42 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 2:48 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 2:54 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 3:00 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 3:06 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 3:12 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 3:18 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:24 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:30 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:36 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:42 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:48 AM	-0.6	0	-1	-0.2	0
5/25/2020 3:54 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:00 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:06 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:12 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:18 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:24 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:30 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:36 AM	-0.6	0	-1	-0.2	0
5/25/2020 4:42 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 4:48 AM	-0.6	-0.1	-1	-0.2	0
5/25/2020 4:54 AM	-0.6	0	-1	-0.2	0
5/25/2020 5:00 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:06 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:12 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:18 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:24 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:30 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:36 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:42 AM	-0.6	0.1	-1	-0.2	0
5/25/2020 5:48 AM	-0.5	0.1	-1	-0.2	0
5/25/2020 5:54 AM	-0.5	0.1	-1	-0.2	0
5/25/2020 6:00 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:06 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:12 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:18 AM	-0.5	0	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/25/2020 6:24 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:30 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:36 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:42 AM	-0.5	0	-1	-0.2	0
5/25/2020 6:48 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 6:54 AM	-0.5	0.1	-1.1	-0.2	0
5/25/2020 7:00 AM	-0.5	0	-1.1	-0.3	0
5/25/2020 7:06 AM	-0.5	0	-1.1	-0.3	0
5/25/2020 7:12 AM	-0.5	0	-1.1	-0.3	0
5/25/2020 7:18 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:24 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:30 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:36 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:42 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:48 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 7:54 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 8:00 AM	-0.5	0	-1.1	-0.2	0
5/25/2020 8:06 AM	-0.5	-0.1	-1.1	-0.3	0
5/25/2020 8:12 AM	-0.5	-0.1	-1.1	-0.3	0
5/25/2020 8:18 AM	-0.5	1.4	-1.1	-0.3	0
5/25/2020 8:24 AM	-0.5	1.5	-1.1	-0.3	0
5/25/2020 8:30 AM	-0.5	0.8	-1.1	-0.3	0
5/25/2020 8:36 AM	-0.5	0.6	-1.1	-0.3	0
5/25/2020 8:42 AM	-0.5	0.5	-1.1	-0.3	0
5/25/2020 8:48 AM	-0.5	0.4	-1.1	-0.3	0
5/25/2020 8:54 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:00 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:06 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:12 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:18 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:24 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:30 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:36 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:42 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:48 AM	-0.5	0.3	-1.1	-0.3	0
5/25/2020 9:54 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:00 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:06 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:12 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:18 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:24 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:30 AM	-0.4	0.4	-1.1	-0.3	0
5/25/2020 10:36 AM	-0.4	0.3	-1.1	-0.3	0
5/25/2020 10:42 AM	-0.4	0.4	-1.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/25/2020 10:48 AM	-0.4	1	-1.1	-0.3	0
5/25/2020 10:54 AM	-0.4	1.5	-1.1	-0.3	0
5/25/2020 11:00 AM	-0.4	1.3	-1.1	-0.3	0
5/25/2020 11:06 AM	-0.4	1.2	-1.1	-0.3	0
5/25/2020 11:12 AM	-0.4	1.1	-1.1	-0.3	0
5/25/2020 11:18 AM	-0.4	1.1	-1.1	-0.3	0
5/25/2020 11:24 AM	-0.4	1.1	-1.1	-0.3	0
5/25/2020 11:30 AM	-0.4	1	-1	-0.3	0
5/25/2020 11:36 AM	-0.4	0.9	-1	-0.3	0
5/25/2020 11:42 AM	-0.3	0.9	-1	-0.3	0
5/25/2020 11:48 AM	-0.3	0.9	-1	-0.3	0
5/25/2020 11:54 AM	-0.3	0.9	-1	-0.3	0
5/25/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/25/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/25/2020 12:12 PM	-0.6	0.9	-1.1	-0.4	0
5/25/2020 12:18 PM	-0.6	0.9	-1.1	-0.4	0
5/25/2020 12:24 PM	-0.5	0.9	-1.1	-0.4	0
5/25/2020 12:30 PM	-0.5	1	-1	-0.4	0
5/25/2020 12:36 PM	-0.5	1	-1	-0.4	0
5/25/2020 12:42 PM	-0.5	1	-1	-0.4	0
5/25/2020 12:48 PM	-0.5	0.9	-1	-0.4	0
5/25/2020 12:54 PM	-0.5	0.9	-1	-0.4	0
5/25/2020 1:00 PM	-0.5	0.9	-0.9	-0.4	0
5/25/2020 1:06 PM	-0.5	0.9	-0.9	-0.4	0
5/25/2020 1:12 PM	-0.5	1	-0.9	-0.3	0
5/25/2020 1:18 PM	-0.5	1	-0.8	-0.3	0
5/25/2020 1:24 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 1:30 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 1:36 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 1:42 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 1:48 PM	-0.5	0.8	-0.8	-0.3	0
5/25/2020 1:54 PM	-0.5	0.8	-0.8	-0.3	0
5/25/2020 2:00 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 2:06 PM	-0.5	0.8	-0.8	-0.3	0
5/25/2020 2:12 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 2:18 PM	-0.5	0.9	-0.8	-0.3	0
5/25/2020 2:24 PM	-0.5	0.8	-0.9	-0.3	0
5/25/2020 2:30 PM	-0.5	0.8	-0.9	-0.3	0
5/25/2020 2:36 PM	-0.5	0.8	-0.9	-0.4	0
5/25/2020 2:42 PM	-0.5	0.8	-0.9	-0.4	0
5/25/2020 2:48 PM	-0.5	0.8	-0.9	-0.4	0
5/25/2020 2:54 PM	-0.5	0.8	-0.9	-0.4	0
5/25/2020 3:00 PM	-0.5	0.8	-0.9	-0.4	0
5/25/2020 3:06 PM	-0.5	0.9	-0.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/25/2020 3:12 PM	-0.5	1	-0.9	-0.3	0
5/25/2020 3:18 PM	-0.5	1	4.4	-0.3	0
5/25/2020 3:24 PM	-0.5	0.7	11.6	-0.3	0
5/25/2020 3:30 PM	-0.5	0.2	11.1	-0.3	0
5/25/2020 3:36 PM	-0.5	0	7.9	-0.3	0
5/25/2020 3:42 PM	-0.5	0	5.8	-0.3	0
5/25/2020 3:48 PM	-0.5	0	4.9	-0.3	0
5/25/2020 3:54 PM	-0.5	0	4	-0.3	0
5/25/2020 4:00 PM	-0.5	-0.1	3.5	-0.3	0
5/25/2020 4:06 PM	-0.5	-0.1	3.3	-0.3	0
5/25/2020 4:12 PM	-0.5	-0.2	3.2	-0.3	0
5/25/2020 4:18 PM	-0.5	-0.2	3.2	-0.3	0
5/25/2020 4:24 PM	-0.5	-0.2	3.2	-0.3	0
5/25/2020 4:30 PM	-0.5	-0.2	3.2	-0.3	0
5/25/2020 4:36 PM	-0.5	-0.2	3.4	-0.3	0
5/25/2020 4:42 PM	-0.5	-0.2	3.3	-0.3	0
5/25/2020 4:48 PM	-0.5	-0.2	3.3	-0.3	0
5/25/2020 4:54 PM	-0.5	-0.2	3.3	-0.3	0
5/25/2020 5:00 PM	-0.5	-0.2	3.2	-0.3	0
5/25/2020 5:06 PM	-0.5	-0.1	3.2	-0.3	0
5/25/2020 5:12 PM	-0.5	-0.2	3	-0.3	0
5/25/2020 5:18 PM	-0.5	-0.2	2.7	-0.3	0
5/25/2020 5:24 PM	-0.6	-0.2	2.6	-0.3	0
5/25/2020 5:30 PM	-0.6	-0.2	2.5	-0.3	0
5/25/2020 5:36 PM	-0.6	-0.3	2.5	-0.3	0
5/25/2020 5:42 PM	-0.6	-0.8	2.6	-0.3	0
5/25/2020 5:48 PM	-0.6	-1.1	2.7	-0.3	0
5/25/2020 5:54 PM	-0.6	-1.1	3.5	-0.3	0
5/25/2020 6:00 PM	-0.6	-1.1	4.1	-0.3	0
5/25/2020 6:06 PM	-0.6	-1.1	4	-0.3	0
5/25/2020 6:12 PM	-0.6	-1.1	3.9	-0.3	0
5/25/2020 6:18 PM	-0.6	-1.2	4.7	-0.3	0
5/25/2020 6:24 PM	-0.6	-1.2	5.3	-0.3	0
5/25/2020 6:30 PM	-0.6	-1.2	5.9	-0.3	0
5/25/2020 6:36 PM	-0.6	-1.2	7.2	-0.3	0
5/25/2020 6:42 PM	-0.6	-1.2	7	-0.3	0
5/25/2020 6:48 PM	-0.6	-1.2	6.8	-0.3	0
5/25/2020 6:54 PM	-0.6	-1.2	6.9	-0.3	0
5/25/2020 7:00 PM	-0.6	-1.2	7	-0.3	0
5/25/2020 7:06 PM	-0.6	-1.1	7.1	-0.3	0
5/25/2020 7:12 PM	-0.6	-1.1	7.2	-0.3	0
5/25/2020 7:18 PM	-0.6	-1.1	7.3	-0.3	0
5/25/2020 7:24 PM	-0.6	-1.2	7.4	-0.3	0
5/25/2020 7:30 PM	-0.6	-1.2	7.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/25/2020 7:36 PM	-0.6	-1.1	7.6	-0.3	0
5/25/2020 7:42 PM	-0.6	-1.1	7.8	-0.3	0
5/25/2020 7:48 PM	-0.6	-1.1	7.8	-0.3	0
5/25/2020 7:54 PM	-0.6	-1.1	7.7	-0.3	0
5/25/2020 8:00 PM	-0.6	-1.1	7.7	-0.3	0
5/25/2020 8:06 PM	-0.6	-1.1	7.9	-0.3	0
5/25/2020 8:12 PM	-0.6	-1.1	7.8	-0.3	0
5/25/2020 8:18 PM	-0.6	-1	7.7	-0.3	0
5/25/2020 8:24 PM	-0.6	-1.1	7.6	-0.3	0
5/25/2020 8:30 PM	-0.6	-1.1	7.7	-0.3	0
5/25/2020 8:36 PM	-0.6	-1.1	7.8	-0.3	0
5/25/2020 8:42 PM	-0.6	-1.1	7.9	-0.3	0
5/25/2020 8:48 PM	-0.6	-1.1	7.9	-0.3	0
5/25/2020 8:54 PM	-0.6	-1.1	7.9	-0.3	0
5/25/2020 9:00 PM	-0.6	-1.1	7.5	-0.3	0
5/25/2020 9:06 PM	-0.6	-1.1	6.5	-0.3	0
5/25/2020 9:12 PM	-0.6	-1	6	-0.3	0
5/25/2020 9:18 PM	-0.6	-1	6	-0.3	0
5/25/2020 9:24 PM	-0.6	-1	6	-0.3	0
5/25/2020 9:30 PM	-0.6	-1	6.1	-0.3	0
5/25/2020 9:36 PM	-0.6	-1	6.2	-0.3	0
5/25/2020 9:42 PM	-0.6	-1	6	-0.3	0
5/25/2020 9:48 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 9:54 PM	-0.7	-1.1	6	-0.3	0
5/25/2020 10:00 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 10:06 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 10:12 PM	-0.7	-1	5.9	-0.3	0
5/25/2020 10:18 PM	-0.7	-1	6	-0.3	0
5/25/2020 10:24 PM	-0.7	-1.1	6	-0.3	0
5/25/2020 10:30 PM	-0.7	-1.1	6	-0.3	0
5/25/2020 10:36 PM	-0.7	-1	6	-0.3	0
5/25/2020 10:42 PM	-0.7	-1.1	6	-0.3	0
5/25/2020 10:48 PM	-0.7	-1.1	6	-0.3	0
5/25/2020 10:54 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 11:00 PM	-0.7	-1.1	5.8	-0.3	0
5/25/2020 11:06 PM	-0.7	-1	5.8	-0.3	0
5/25/2020 11:12 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 11:18 PM	-0.7	-1.1	5.9	-0.3	0
5/25/2020 11:24 PM	-0.7	-1.1	5.8	-0.3	0
5/25/2020 11:30 PM	-0.7	-1.1	5.8	-0.3	0
5/25/2020 11:36 PM	-0.7	-1.1	5.8	-0.3	0
5/25/2020 11:42 PM	-0.7	-1	5.9	-0.3	0
5/25/2020 11:48 PM	-0.7	-1	5.5	-0.3	0
5/25/2020 11:54 PM	-0.7	-1	4.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 12:00 AM	-0.7	-1.1	3.8	-0.3	0
5/26/2020 12:06 AM	-0.7	-1.1	3.8	-0.3	0
5/26/2020 12:12 AM	-0.7	-1	3.7	-0.3	0
5/26/2020 12:18 AM	-0.7	-1	3.7	-0.3	0
5/26/2020 12:24 AM	-0.7	-1.1	3.7	-0.3	0
5/26/2020 12:30 AM	-0.7	-1.1	3.8	-0.3	0
5/26/2020 12:36 AM	-0.7	-1.1	3.8	-0.3	0
5/26/2020 12:42 AM	-0.7	-1.1	3.7	-0.3	0
5/26/2020 12:48 AM	-0.7	-1	3.7	-0.3	0
5/26/2020 12:54 AM	-0.7	-1.1	3.6	-0.3	0
5/26/2020 1:00 AM	-0.7	-1	3.6	-0.3	0
5/26/2020 1:06 AM	-0.7	-1	3.6	-0.3	0
5/26/2020 1:12 AM	-0.7	-1	3.6	-0.3	0
5/26/2020 1:18 AM	-0.7	-1.1	3.4	-0.3	0
5/26/2020 1:24 AM	-0.7	-1	3.2	-0.3	0
5/26/2020 1:30 AM	-0.7	-1	3	-0.3	0
5/26/2020 1:36 AM	-0.7	-1	3	-0.3	0
5/26/2020 1:42 AM	-0.7	-1	2.9	-0.3	0
5/26/2020 1:48 AM	-0.7	-1	2.9	-0.3	0
5/26/2020 1:54 AM	-0.7	-1	2.9	-0.3	0
5/26/2020 2:00 AM	-0.7	-1	2.8	-0.3	0
5/26/2020 2:06 AM	-0.7	-1	3	-0.3	0
5/26/2020 2:12 AM	-0.7	-1	2.9	-0.3	0
5/26/2020 2:18 AM	-0.7	-1	2.5	-0.3	0
5/26/2020 2:24 AM	-0.7	-1	2.3	-0.3	0
5/26/2020 2:30 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 2:36 AM	-0.7	-1	2	-0.3	0
5/26/2020 2:42 AM	-0.7	-1	1.9	-0.3	0
5/26/2020 2:48 AM	-0.7	-1	2	-0.3	0
5/26/2020 2:54 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:00 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:06 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:12 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:18 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 3:24 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 3:30 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:36 AM	-0.7	-0.9	2	-0.3	0
5/26/2020 3:42 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:48 AM	-0.7	-1	2	-0.3	0
5/26/2020 3:54 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:00 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:06 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 4:12 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 4:18 AM	-0.7	-1	2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 4:24 AM	-0.7	-1	1.9	-0.3	0
5/26/2020 4:30 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:36 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:42 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:48 AM	-0.7	-1	2	-0.3	0
5/26/2020 4:54 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 5:00 AM	-0.7	-1	2.2	-0.3	0
5/26/2020 5:06 AM	-0.7	-1	2.2	-0.3	0
5/26/2020 5:12 AM	-0.7	-1	2.2	-0.3	0
5/26/2020 5:18 AM	-0.7	-1	2.2	-0.3	0
5/26/2020 5:24 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 5:30 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 5:36 AM	-0.7	-0.9	2.2	-0.3	0
5/26/2020 5:42 AM	-0.7	-0.9	2.1	-0.3	0
5/26/2020 5:48 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 5:54 AM	-0.7	-0.9	2.1	-0.3	0
5/26/2020 6:00 AM	-0.7	-0.9	2.1	-0.3	0
5/26/2020 6:06 AM	-0.7	-0.9	2.2	-0.3	0
5/26/2020 6:12 AM	-0.7	-0.9	2.2	-0.3	0
5/26/2020 6:18 AM	-0.7	-0.9	2.2	-0.3	0
5/26/2020 6:24 AM	-0.7	-1	2.1	-0.3	0
5/26/2020 6:30 AM	-0.7	-1	2	-0.3	0
5/26/2020 6:36 AM	-0.7	-1	2	-0.3	0
5/26/2020 6:42 AM	-0.7	-1	2	-0.3	0
5/26/2020 6:48 AM	-0.7	-1	2	-0.3	0
5/26/2020 6:54 AM	-0.7	-1	2	-0.3	0
5/26/2020 7:00 AM	-0.7	-0.9	2	-0.3	0
5/26/2020 7:06 AM	-0.7	-0.9	2	-0.3	0
5/26/2020 7:12 AM	-0.7	-1	2.1	6.7	0
5/26/2020 7:18 AM	-0.7	-1	1.7	19.5	0
5/26/2020 7:24 AM	-0.6	-1	0.5	19.6	0
5/26/2020 7:30 AM	-0.6	-1	-0.1	13.8	0
5/26/2020 7:36 AM	-0.6	-1	-0.1	10.8	0
5/26/2020 7:42 AM	-0.6	-1	-0.1	11.2	0
5/26/2020 7:48 AM	-0.6	-1	-0.1	12.9	0
5/26/2020 7:54 AM	-0.6	-1	-0.2	13.1	0
5/26/2020 8:00 AM	-0.6	-1	-0.3	10.8	0
5/26/2020 8:06 AM	-0.6	-1	-0.3	9.1	0
5/26/2020 8:12 AM	-0.6	-1	-0.4	8.3	0
5/26/2020 8:18 AM	-0.6	-1	-0.4	7.9	0
5/26/2020 8:24 AM	-0.6	-1	-0.3	7.6	0
5/26/2020 8:30 AM	-0.5	-1	-0.3	7.7	0
5/26/2020 8:36 AM	-0.5	-1	-0.4	7.8	0
5/26/2020 8:42 AM	-0.5	-1	-0.3	7.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 8:48 AM	-0.5	-1	-0.3	7.2	0
5/26/2020 8:54 AM	-0.5	-1	-0.3	7.3	0
5/26/2020 9:00 AM	-0.5	-1	-0.3	7.9	0
5/26/2020 9:06 AM	-0.5	-1	-0.3	7.8	0
5/26/2020 9:12 AM	-0.5	-1	-0.3	7.8	0
5/26/2020 9:18 AM	-0.5	-0.9	-0.4	7.7	0
5/26/2020 9:24 AM	-0.5	-0.9	-0.4	7.3	0
5/26/2020 9:30 AM	-0.5	-0.9	-0.4	7.3	0
5/26/2020 9:36 AM	-0.5	-0.9	-0.4	7.2	0
5/26/2020 9:42 AM	-0.5	-0.9	-0.5	7.1	0
5/26/2020 9:48 AM	-0.5	-0.9	-0.5	7	0
5/26/2020 9:54 AM	-0.5	-0.9	-0.5	7.1	0
5/26/2020 10:00 AM	-0.5	-0.9	-0.5	7.1	0
5/26/2020 10:06 AM	-0.5	-0.9	-0.6	7.5	0
5/26/2020 10:12 AM	-0.5	-0.9	-0.6	7.7	0
5/26/2020 10:18 AM	-0.5	-0.9	-0.6	7.5	0
5/26/2020 10:24 AM	-0.5	-0.9	-0.6	7.6	0
5/26/2020 10:30 AM	-0.5	-0.9	-0.6	7.6	0
5/26/2020 10:36 AM	-0.5	-0.9	-0.6	7.4	0
5/26/2020 10:42 AM	-0.5	-0.9	-0.6	8.1	0
5/26/2020 10:48 AM	-0.6	-0.9	-0.6	9.6	0
5/26/2020 10:54 AM	-0.6	-0.9	-0.5	10	0
5/26/2020 11:00 AM	-0.6	-0.8	-0.5	9.9	0
5/26/2020 11:06 AM	-0.6	-0.8	-0.5	10.3	0
5/26/2020 11:12 AM	-0.6	-0.8	-0.6	10.3	0
5/26/2020 11:18 AM	-0.6	-0.8	-0.6	10.2	0
5/26/2020 11:24 AM	-0.6	-0.8	-0.6	10.2	0
5/26/2020 11:30 AM	-0.6	-0.8	-0.6	10.4	0
5/26/2020 11:36 AM	-0.6	-0.8	-0.6	10.5	0
5/26/2020 11:42 AM	-0.6	-0.8	-0.6	11.2	0
5/26/2020 11:48 AM	-0.6	-0.8	-0.6	11.2	0
5/26/2020 11:54 AM	-0.6	-0.8	-0.6	10.9	0
5/26/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/26/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/26/2020 12:12 PM	-0.7	-0.8	-0.6	10.8	0
5/26/2020 12:18 PM	-0.7	-0.8	-0.6	10.8	0
5/26/2020 12:24 PM	-0.7	-0.8	-0.6	10.5	0
5/26/2020 12:30 PM	-0.7	-0.8	-0.7	10.5	0
5/26/2020 12:36 PM	-0.6	-0.7	-0.7	10.6	0
5/26/2020 12:42 PM	-0.6	-0.7	-0.7	10.7	0
5/26/2020 12:48 PM	-0.6	-0.7	-0.7	11.2	0
5/26/2020 12:54 PM	-0.6	-0.8	-0.7	11.1	0
5/26/2020 1:00 PM	-0.6	-0.8	-0.6	10.9	0
5/26/2020 1:06 PM	-0.7	-0.8	-0.6	10.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 1:12 PM	-0.6	-0.8	-0.6	10.8	0
5/26/2020 1:18 PM	-0.6	-0.7	-0.7	10.9	0
5/26/2020 1:24 PM	-0.6	-0.7	-0.7	10.9	0
5/26/2020 1:30 PM	-0.6	-0.6	-0.7	11.1	0
5/26/2020 1:36 PM	-0.6	-0.6	-0.7	11.2	0
5/26/2020 1:42 PM	-0.6	-0.6	-0.7	10.7	0
5/26/2020 1:48 PM	-0.6	-0.6	-0.7	10.8	0
5/26/2020 1:54 PM	-0.6	-0.6	-0.7	10.9	0
5/26/2020 2:00 PM	-0.6	-0.6	-0.7	10.8	0
5/26/2020 2:06 PM	-0.6	-0.7	-0.7	10.8	0
5/26/2020 2:12 PM	-0.5	-0.6	-0.7	10.9	0
5/26/2020 2:18 PM	-0.5	-0.5	-0.8	10.6	0
5/26/2020 2:24 PM	-0.5	-0.5	-0.8	10.5	0
5/26/2020 2:30 PM	-0.5	-0.4	-0.8	10.7	0
5/26/2020 2:36 PM	-0.5	-0.3	-0.8	10.9	0
5/26/2020 2:42 PM	-0.5	-0.2	-0.8	10.7	0
5/26/2020 2:48 PM	-0.5	-0.2	-0.8	10.7	0
5/26/2020 2:54 PM	-0.5	-0.1	-0.8	10.8	0
5/26/2020 3:00 PM	-0.5	-0.1	-0.8	10.7	0
5/26/2020 3:06 PM	-0.5	-0.1	-0.8	10.9	0
5/26/2020 3:12 PM	-0.5	-0.1	-0.8	11	0
5/26/2020 3:18 PM	-0.5	-0.2	-0.8	10.9	0
5/26/2020 3:24 PM	-0.5	-0.2	-0.8	10.8	0
5/26/2020 3:30 PM	-0.5	-0.2	-0.8	10.9	0
5/26/2020 3:36 PM	-0.5	-0.2	-0.8	11.1	0
5/26/2020 3:42 PM	-0.5	-0.3	-0.8	11	0
5/26/2020 3:48 PM	-0.5	-0.3	-0.8	11	0
5/26/2020 3:54 PM	-0.5	-0.3	-0.8	11	0
5/26/2020 4:00 PM	-0.5	-0.2	-0.8	10.9	0
5/26/2020 4:06 PM	-0.5	-0.2	-0.9	10.8	0
5/26/2020 4:12 PM	-0.5	-0.2	-0.9	11.2	0
5/26/2020 4:18 PM	-0.6	-0.1	-0.9	10.8	0
5/26/2020 4:24 PM	-0.6	-0.1	-0.9	10.4	0
5/26/2020 4:30 PM	-0.6	-0.1	-0.9	10.9	0
5/26/2020 4:36 PM	-0.6	-0.1	-0.9	11	0
5/26/2020 4:42 PM	-0.6	0	-0.9	10.9	0
5/26/2020 4:48 PM	-0.6	0	-0.9	11	0
5/26/2020 4:54 PM	-0.6	0	-0.9	11	0
5/26/2020 5:00 PM	-0.6	0	-0.9	10.9	0
5/26/2020 5:06 PM	-0.6	0	-0.8	10.9	0
5/26/2020 5:12 PM	-0.6	0	-0.9	10.7	0
5/26/2020 5:18 PM	-0.6	0.1	-0.9	10.7	0
5/26/2020 5:24 PM	-0.6	0.1	-0.9	10.6	0
5/26/2020 5:30 PM	-0.6	0.2	-0.9	10.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 5:36 PM	-0.6	0.3	-0.9	10.7	0
5/26/2020 5:42 PM	-0.6	0.4	-0.9	10.9	0
5/26/2020 5:48 PM	-0.6	0.4	-0.9	11	0
5/26/2020 5:54 PM	-0.6	0.5	-0.9	10.9	0
5/26/2020 6:00 PM	-0.6	0.5	-0.9	10.6	0
5/26/2020 6:06 PM	-0.6	0.4	-0.9	10.6	0
5/26/2020 6:12 PM	-0.7	0.4	-0.8	10.5	0
5/26/2020 6:18 PM	-0.7	0.3	-0.8	10.6	0
5/26/2020 6:24 PM	-0.7	0.3	-0.8	10.6	0
5/26/2020 6:30 PM	-0.7	0.2	-0.9	10.5	0
5/26/2020 6:36 PM	-0.7	0.2	-0.9	10.5	0
5/26/2020 6:42 PM	-0.7	0.2	-0.9	10.5	0
5/26/2020 6:48 PM	-0.7	0.2	-0.9	10.6	0
5/26/2020 6:54 PM	-0.7	0.2	-0.9	10.4	0
5/26/2020 7:00 PM	-0.7	0.1	-0.9	10.4	0
5/26/2020 7:06 PM	-0.7	0.1	-0.9	10.3	0
5/26/2020 7:12 PM	-0.7	0.1	-0.9	10.2	0
5/26/2020 7:18 PM	-0.7	0.1	-0.9	10.3	0
5/26/2020 7:24 PM	-0.7	0.1	-0.9	10.6	0
5/26/2020 7:30 PM	-0.7	0.1	-0.9	10.7	0
5/26/2020 7:36 PM	-0.7	0.1	-1	10.5	0
5/26/2020 7:42 PM	-0.7	0.1	-1	10.4	0
5/26/2020 7:48 PM	-0.7	0.1	-1	10.4	0
5/26/2020 7:54 PM	-0.7	0	-1	10.3	0
5/26/2020 8:00 PM	-0.7	0	-1	10.3	0
5/26/2020 8:06 PM	-0.7	0	-0.9	10	0
5/26/2020 8:12 PM	-0.7	0	-0.9	10	0
5/26/2020 8:18 PM	-0.7	0	-0.9	10.1	0
5/26/2020 8:24 PM	-0.7	0	-0.9	10.1	0
5/26/2020 8:30 PM	-0.7	0	-0.9	10.5	0
5/26/2020 8:36 PM	-0.8	0	-0.9	11	0
5/26/2020 8:42 PM	-0.8	0	-0.9	10.8	0
5/26/2020 8:48 PM	-0.8	0	-1	10.7	0
5/26/2020 8:54 PM	-0.8	0	-1	10.7	0
5/26/2020 9:00 PM	-0.8	0.1	-1	10.2	0
5/26/2020 9:06 PM	-0.8	0.1	-1	10.1	0
5/26/2020 9:12 PM	-0.8	0.1	-1	10.3	0
5/26/2020 9:18 PM	-0.8	0.1	-1	10.6	0
5/26/2020 9:24 PM	-0.8	0.1	-1	10.7	0
5/26/2020 9:30 PM	-0.8	0.1	-1	10.9	0
5/26/2020 9:36 PM	-0.8	0.1	-1	10.7	0
5/26/2020 9:42 PM	-0.8	0.1	-1	10.4	0
5/26/2020 9:48 PM	-0.8	0.1	-1	10.3	0
5/26/2020 9:54 PM	-0.8	0.1	-1	10.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/26/2020 10:00 PM	-0.8	0.1	-1	10.7	0
5/26/2020 10:06 PM	-0.8	0.1	-1	10.8	0
5/26/2020 10:12 PM	-0.8	0.1	-1	10.8	0
5/26/2020 10:18 PM	-0.8	0.1	-1	10.6	0
5/26/2020 10:24 PM	-0.8	0.1	-1	10.6	0
5/26/2020 10:30 PM	-0.8	0.1	-1	10.5	0
5/26/2020 10:36 PM	-0.8	0.1	-1	10.4	0
5/26/2020 10:42 PM	-0.8	0.1	-1	10.6	0
5/26/2020 10:48 PM	-0.8	0.1	-1	10.8	0
5/26/2020 10:54 PM	-0.8	0.2	-1	10.6	0
5/26/2020 11:00 PM	-0.8	0.2	-1	10.6	0
5/26/2020 11:06 PM	-0.8	0.2	-1	10.5	0
5/26/2020 11:12 PM	-0.8	0.2	-1	10.5	0
5/26/2020 11:18 PM	-0.8	0.1	-1	10.5	0
5/26/2020 11:24 PM	-0.8	0.2	-1	10.7	0
5/26/2020 11:30 PM	-0.8	0.2	-1	11.1	0
5/26/2020 11:36 PM	-0.8	0.2	-1	11.1	0
5/26/2020 11:42 PM	-0.8	0.2	-1	11	0
5/26/2020 11:48 PM	-0.8	0.2	-1	11	0
5/26/2020 11:54 PM	-0.8	0.2	-1	10.9	0
5/27/2020 12:00 AM	-0.8	0.2	-1	11	0
5/27/2020 12:06 AM	-0.8	0.2	-1	10.8	0
5/27/2020 12:12 AM	-0.8	0.2	-1	7	0
5/27/2020 12:18 AM	-0.8	0.2	-1	4.4	0
5/27/2020 12:24 AM	-0.8	0.2	-1	4.8	0
5/27/2020 12:30 AM	-0.8	0.2	-1	5	0
5/27/2020 12:36 AM	-0.8	0.2	-1	5.2	0
5/27/2020 12:42 AM	-0.8	0.2	-1	5.4	0
5/27/2020 12:48 AM	-0.8	0.2	-1	5.3	0
5/27/2020 12:54 AM	-0.8	0.2	-1	5.4	0
5/27/2020 1:00 AM	-0.8	0.2	-1	5.5	0
5/27/2020 1:06 AM	-0.8	0.2	-1	5.5	0
5/27/2020 1:12 AM	-0.8	0.2	-1	5.5	0
5/27/2020 1:18 AM	-0.8	0.2	-1	5.6	0
5/27/2020 1:24 AM	-0.8	0.3	-1	5.9	0
5/27/2020 1:30 AM	-0.8	0.3	-1	5.8	0
5/27/2020 1:36 AM	-0.8	0.3	-1	5.7	0
5/27/2020 1:42 AM	-0.8	0.3	-1	5.9	0
5/27/2020 1:48 AM	-0.8	0.4	-1	6.3	0
5/27/2020 1:54 AM	-0.8	0.4	-1	6.4	0
5/27/2020 2:00 AM	-0.8	0.4	-1	6.3	0
5/27/2020 2:06 AM	-0.8	0.4	-1	6.5	0
5/27/2020 2:12 AM	-0.8	0.4	-1	6.4	0
5/27/2020 2:18 AM	-0.8	0.4	-1	6.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/27/2020 2:24 AM	-0.8	0.4	-1	6.3	0
5/27/2020 2:30 AM	-0.8	0.5	-1	6.3	0
5/27/2020 2:36 AM	-0.8	0.5	-1.1	6.5	0
5/27/2020 2:42 AM	-0.8	0.5	-1	6.7	0
5/27/2020 2:48 AM	-0.8	0.5	-1	6.8	0
5/27/2020 2:54 AM	-0.8	0.5	-1	5.7	0
5/27/2020 3:00 AM	-0.8	0.5	-1	3.6	0
5/27/2020 3:06 AM	-0.8	0.5	-1	3.1	0
5/27/2020 3:12 AM	-0.8	0.5	-1	3.2	0
5/27/2020 3:18 AM	-0.8	0.5	-1	3.3	0
5/27/2020 3:24 AM	-0.8	0.5	-1	3.4	0
5/27/2020 3:30 AM	-0.8	0.5	-1	3.3	0
5/27/2020 3:36 AM	-0.8	0.5	-1	3.1	0
5/27/2020 3:42 AM	-0.8	0.5	-1	3.1	0
5/27/2020 3:48 AM	-0.8	0.5	-1	3.1	0
5/27/2020 3:54 AM	-0.8	0.5	-1	3.2	0
5/27/2020 4:00 AM	-0.8	0.5	-1	3.2	0
5/27/2020 4:06 AM	-0.8	0.5	-1	3.3	0
5/27/2020 4:12 AM	-0.8	0.5	-1	3.5	0
5/27/2020 4:18 AM	-0.8	0.5	-1	3.5	0
5/27/2020 4:24 AM	-0.8	0.5	-1	3.6	0
5/27/2020 4:30 AM	-0.8	0.5	-1	3.6	0
5/27/2020 4:36 AM	-0.8	0.5	-1	3.5	0
5/27/2020 4:42 AM	-0.8	0.5	-1	3.4	0
5/27/2020 4:48 AM	-0.8	0.5	-1	3.5	0
5/27/2020 4:54 AM	-0.8	0.5	-1	3.6	0
5/27/2020 5:00 AM	-0.8	0.5	-1	3.6	0
5/27/2020 5:06 AM	-0.8	0.5	-1	3.7	0
5/27/2020 5:12 AM	-0.8	0.6	-1	3.7	0
5/27/2020 5:18 AM	-0.8	0.6	-1	3.8	0
5/27/2020 5:24 AM	-0.8	0.6	-1	3.8	0
5/27/2020 5:30 AM	-0.8	0.6	-1	3.7	0
5/27/2020 5:36 AM	-0.8	0.6	-1	3.6	0
5/27/2020 5:42 AM	-0.8	0.6	-1.1	3.5	0
5/27/2020 5:48 AM	-0.8	0.7	-1.1	3.5	0
5/27/2020 5:54 AM	-0.8	0.7	-1	3.5	0
5/27/2020 6:00 AM	-0.8	0.7	-1	3.5	0
5/27/2020 6:06 AM	-0.8	0.7	-1	3.4	0
5/27/2020 6:12 AM	-0.8	0.8	-1	3.4	0
5/27/2020 6:18 AM	-0.8	0.9	-1.1	3.4	0
5/27/2020 6:24 AM	-0.7	0.9	-1.1	3.4	0
5/27/2020 6:30 AM	-0.7	1	-1.1	3.5	0
5/27/2020 6:36 AM	-0.7	1.1	-1.1	3.7	0
5/27/2020 6:42 AM	-0.7	1.2	-1.1	3.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/27/2020 6:48 AM	-0.7	1.3	-1.1	3.9	0
5/27/2020 6:54 AM	-0.7	1.4	-1.1	4	0
5/27/2020 7:00 AM	-0.7	1.6	-1.1	3.9	0
5/27/2020 7:06 AM	-0.7	1.7	-1.1	3.8	0
5/27/2020 7:12 AM	-0.7	1.8	-1.1	3.8	0
5/27/2020 7:18 AM	-0.7	1.6	-1.1	5.2	0
5/27/2020 7:24 AM	-0.7	1.4	-1.1	6.9	0
5/27/2020 7:30 AM	-0.7	1.1	-1.1	6.8	0
5/27/2020 7:36 AM	-0.7	0.9	-1.1	6.7	0
5/27/2020 7:42 AM	-0.7	0.7	-1.1	6.4	0
5/27/2020 7:48 AM	-0.7	0.6	-1.1	6.5	0
5/27/2020 7:54 AM	-0.6	0.5	-1.1	7.1	0
5/27/2020 8:00 AM	-0.6	0.4	-1.1	7.5	0
5/27/2020 8:06 AM	-0.6	0.3	-1	7.7	0
5/27/2020 8:12 AM	-0.6	0.3	-1.1	7.8	0
5/27/2020 8:18 AM	-0.6	0.4	-1.1	7.6	0
5/27/2020 8:24 AM	-0.6	0.5	-1.1	7.1	0
5/27/2020 8:30 AM	-0.6	0.5	-1.1	6.3	0
5/27/2020 8:36 AM	-0.6	0.5	-1.1	6.3	0
5/27/2020 8:42 AM	-0.6	0.4	-1	6.3	0
5/27/2020 8:48 AM	-0.6	0.3	-1	6.1	0
5/27/2020 8:54 AM	-0.6	0.3	-1	6.3	0
5/27/2020 9:00 AM	-0.6	0.4	-0.9	6.4	0
5/27/2020 9:06 AM	-0.6	0.4	-0.9	6.3	0
5/27/2020 9:12 AM	-0.6	7.5	-0.8	7.2	0
5/27/2020 9:18 AM	-0.6	30.4	-0.8	8.8	0
5/27/2020 9:24 AM	-0.5	25.3	-0.8	9.2	6.5
5/27/2020 9:30 AM	-0.5	15	-0.8	9.2	8
5/27/2020 9:36 AM	-0.5	13.1	-0.8	10.9	1.4
5/27/2020 9:42 AM	-0.5	10.3	-0.8	12.8	0.6
5/27/2020 9:48 AM	-0.5	6.9	-0.8	12.6	0.4
5/27/2020 9:54 AM	-0.5	4	-0.8	12.4	0.4
5/27/2020 10:00 AM	-0.5	2.4	-0.8	12	0.3
5/27/2020 10:06 AM	-0.5	1.4	-0.8	11.5	1.5
5/27/2020 10:12 AM	-0.5	0.9	-0.8	6.9	13.5
5/27/2020 10:18 AM	-0.5	0.5	-0.8	1.8	13.2
5/27/2020 10:24 AM	-0.6	0.2	-0.8	2.2	6.9
5/27/2020 10:30 AM	-0.6	0.1	-0.8	2.5	5.5
5/27/2020 10:36 AM	-0.6	0	-0.8	2.7	5.5
5/27/2020 10:42 AM	-0.6	0	-0.8	2.8	5.5
5/27/2020 10:48 AM	-0.6	0	-0.8	2.9	5.2
5/27/2020 10:54 AM	-0.6	0	-0.8	2.9	4.4
5/27/2020 11:00 AM	-0.6	0	-0.8	2.9	3.6
5/27/2020 11:06 AM	-0.6	0	-0.8	3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/27/2020 11:12 AM	-0.6	0	-0.9	3.1	3
5/27/2020 11:18 AM	-0.6	0	-0.9	3.2	2.9
5/27/2020 11:24 AM	-0.6	0.1	-0.9	3.2	2.8
5/27/2020 11:30 AM	-0.6	0.1	-0.9	3.1	2.7
5/27/2020 11:36 AM	-0.6	0	-0.9	2.9	2.6
5/27/2020 11:42 AM	-0.6	0	-0.9	2.9	2.6
5/27/2020 11:48 AM	-0.6	-0.1	-0.9	2.9	2.6
5/27/2020 11:54 AM	-0.6	-0.1	-0.8	3	2.6
5/27/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/27/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/27/2020 12:12 PM	-0.5	-0.2	-0.9	3.1	2.5
5/27/2020 12:18 PM	-0.5	-0.1	-0.9	2.9	2.5
5/27/2020 12:24 PM	-0.5	-0.1	-0.9	2.9	2.5
5/27/2020 12:30 PM	-0.5	0	-0.9	3	2.5
5/27/2020 12:36 PM	-0.5	0.1	-0.9	2.9	2.5
5/27/2020 12:42 PM	-0.5	0.2	-0.9	2.9	2.5
5/27/2020 12:48 PM	-0.5	0.1	-0.9	2.9	2.6
5/27/2020 12:54 PM	-0.5	0.1	-0.9	2.8	2.5
5/27/2020 1:00 PM	-0.5	0	-0.9	2.8	2.5
5/27/2020 1:06 PM	-0.5	0	-0.9	2.8	2.5
5/27/2020 1:12 PM	-0.5	0	-0.9	2.8	2.5
5/27/2020 1:18 PM	-0.5	0.1	-0.9	2.8	2.5
5/27/2020 1:24 PM	-0.5	0.2	-0.9	2.7	2.5
5/27/2020 1:30 PM	-0.5	0.3	-1	2.7	2.5
5/27/2020 1:36 PM	-0.5	0.3	-0.9	2.7	2.4
5/27/2020 1:42 PM	-0.5	0.3	-0.9	2.6	2.5
5/27/2020 1:48 PM	-0.5	0.4	-0.9	2.5	2.5
5/27/2020 1:54 PM	-0.5	0.4	-1	2.6	2.4
5/27/2020 2:00 PM	-0.5	0.4	-1	2.7	2.4
5/27/2020 2:06 PM	-0.5	0.5	-1	2.6	2.4
5/27/2020 2:12 PM	-0.5	0.5	-1	2.6	2.4
5/27/2020 2:18 PM	-0.5	0.6	-1	2.6	2.5
5/27/2020 2:24 PM	-0.5	0.7	-1	2.6	2.4
5/27/2020 2:30 PM	-0.5	0.9	-1	2.6	2.5
5/27/2020 2:36 PM	-0.5	1	-1	2.6	2.5
5/27/2020 2:42 PM	-0.5	1.1	-1	2.6	2.5
5/27/2020 2:48 PM	-0.5	1.2	-1	2.5	2.5
5/27/2020 2:54 PM	-0.5	1.2	-1	2.5	2.5
5/27/2020 3:00 PM	-0.5	1.2	-1	2.5	2.5
5/27/2020 3:06 PM	-0.5	1.2	-1	2.5	2.5
5/27/2020 3:12 PM	-0.5	1.2	-1	2.5	2.5
5/27/2020 3:18 PM	-0.5	1.2	-1	2.8	2.4
5/27/2020 3:24 PM	-0.5	1.1	-1	3.3	2.3
5/27/2020 3:30 PM	-0.5	1	-1	3.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/27/2020 3:36 PM	-0.5	0.9	-1	3.2	2.3
5/27/2020 3:42 PM	-0.5	0.8	-1	3.2	2.3
5/27/2020 3:48 PM	-0.5	0.7	-1	3.1	2.3
5/27/2020 3:54 PM	-0.6	0.7	-1	3.2	2.3
5/27/2020 4:00 PM	-0.6	0.6	-1	3.2	2.3
5/27/2020 4:06 PM	-0.6	0.5	-1	3.1	2.3
5/27/2020 4:12 PM	-0.6	0.5	-1	3	2.3
5/27/2020 4:18 PM	-0.6	0.5	-1	3	2.4
5/27/2020 4:24 PM	-0.6	0.5	-1.1	2.9	2.3
5/27/2020 4:30 PM	-0.6	0.6	-1.1	2.9	2.3
5/27/2020 4:36 PM	-0.6	0.6	-1.1	3	2.3
5/27/2020 4:42 PM	-0.6	0.6	-1.1	2.9	2.3
5/27/2020 4:48 PM	-0.6	0.6	-1.1	2.9	2.3
5/27/2020 4:54 PM	-0.6	0.5	-1.1	3	2.3
5/27/2020 5:00 PM	-0.7	0.5	-1.1	3	2.3
5/27/2020 5:06 PM	-0.7	0.4	-1.1	3	2.3
5/27/2020 5:12 PM	-0.7	0.4	-1.1	2.9	2.2
5/27/2020 5:18 PM	-0.7	0.4	-1.1	2.8	2.2
5/27/2020 5:24 PM	-0.7	0.4	-1.1	3	2.3
5/27/2020 5:30 PM	-0.7	0.4	10.5	2.7	2.1
5/27/2020 5:36 PM	-0.7	0.5	27.4	1.3	0.9
5/27/2020 5:42 PM	-0.7	0.5	18.8	-0.1	0.1
5/27/2020 5:48 PM	-0.7	0.5	9.4	-0.6	0.1
5/27/2020 5:54 PM	-0.7	0.5	7.7	-0.5	0.1
5/27/2020 6:00 PM	-0.7	0.7	7.3	-0.6	0.1
5/27/2020 6:06 PM	-0.7	0.9	6.5	-0.6	0.1
5/27/2020 6:12 PM	-0.7	1	5.4	-0.5	0
5/27/2020 6:18 PM	-0.7	1.1	5.2	-0.5	0.1
5/27/2020 6:24 PM	-0.7	1.1	5.1	-0.5	0.1
5/27/2020 6:30 PM	-0.7	1.1	5.2	-0.5	0.1
5/27/2020 6:36 PM	-0.7	1.3	5.5	-0.6	0.1
5/27/2020 6:42 PM	-0.7	1.4	5.7	-0.5	0.1
5/27/2020 6:48 PM	-0.7	1.5	5.8	-0.5	0
5/27/2020 6:54 PM	-0.7	1.5	5.9	-0.5	0.1
5/27/2020 7:00 PM	-0.7	1.5	6.1	-0.5	0.1
5/27/2020 7:06 PM	-0.7	1.5	6.3	-0.5	0.1
5/27/2020 7:12 PM	-0.7	1.4	6.5	-0.5	0.1
5/27/2020 7:18 PM	-0.7	1.4	6.6	-0.5	0.1
5/27/2020 7:24 PM	-0.7	1.4	6.6	-0.5	0.1
5/27/2020 7:30 PM	-0.7	1.3	6.7	-0.5	0
5/27/2020 7:36 PM	-0.7	1.3	7	-0.5	0.1
5/27/2020 7:42 PM	-0.7	1.3	7.2	-0.5	0.1
5/27/2020 7:48 PM	-0.7	1.2	7.3	-0.5	0
5/27/2020 7:54 PM	-0.7	1.1	7.3	-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: Valid Data
Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/27/2020 8:00 PM	-0.7	1.1	7.3	-0.5	0.1
5/27/2020 8:06 PM	-0.7	1.1	6	-0.5	0
5/27/2020 8:12 PM	-0.7	1.1	4.1	-0.5	0
5/27/2020 8:18 PM	-0.7	1.1	3.8	-0.5	0.1
5/27/2020 8:24 PM	-0.7	1.1	3.8	-0.5	0.1
5/27/2020 8:30 PM	-0.7	1.1	3.7	-0.5	0.1
5/27/2020 8:36 PM	-0.7	1.1	3.7	-0.5	0.1
5/27/2020 8:42 PM	-0.7	1.1	3.7	-0.5	0.1
5/27/2020 8:48 PM	-0.8	1.1	3.6	-0.5	0
5/27/2020 8:54 PM	-0.8	1.2	3.7	-0.5	0
5/27/2020 9:00 PM	-0.8	1.2	3.7	-0.5	0.1
5/27/2020 9:06 PM	-0.8	1.3	3.7	-0.5	0.1
5/27/2020 9:12 PM	-0.8	1.3	3.6	-0.5	0
5/27/2020 9:18 PM	-0.8	1.3	3.5	-0.5	0
5/27/2020 9:24 PM	-0.8	1.3	3.4	-0.5	0
5/27/2020 9:30 PM	-0.8	1.4	3.4	-0.5	0.1
5/27/2020 9:36 PM	-0.8	1.3	3.4	-0.5	0.1
5/27/2020 9:42 PM	-0.7	1.3	3.5	-0.5	0.1
5/27/2020 9:48 PM	-0.7	1.3	3.5	-0.5	0
5/27/2020 9:54 PM	-0.8	1.2	3.5	-0.5	0
5/27/2020 10:00 PM	-0.8	1.2	3.5	-0.5	0.1
5/27/2020 10:06 PM	-0.8	1.2	3.6	-0.5	0.1
5/27/2020 10:12 PM	-0.8	1.2	3.6	-0.5	0.1
5/27/2020 10:18 PM	-0.8	1.2	3.6	-0.5	0.1
5/27/2020 10:24 PM	-0.8	1.2	3.5	-0.5	0
5/27/2020 10:30 PM	-0.8	1.1	3.5	-0.5	0
5/27/2020 10:36 PM	-0.8	1.1	3.5	-0.5	0
5/27/2020 10:42 PM	-0.8	1.1	3.5	-0.5	0
5/27/2020 10:48 PM	-0.8	1.1	3.5	-0.5	0
5/27/2020 10:54 PM	-0.8	1.1	3.6	-0.5	0
5/27/2020 11:00 PM	-0.7	1.1	3.6	-0.5	0
5/27/2020 11:06 PM	-0.7	1.1	3.6	-0.5	0.1
5/27/2020 11:12 PM	-0.7	1	3.7	-0.5	0.1
5/27/2020 11:18 PM	-0.7	1	3.8	-0.5	0.1
5/27/2020 11:24 PM	-0.7	1	3.8	-0.5	0.1
5/27/2020 11:30 PM	-0.7	1	3.8	-0.5	0.1
5/27/2020 11:36 PM	-0.7	1	3.7	-0.5	0.1
5/27/2020 11:42 PM	-0.7	1	3.7	-0.5	0
5/27/2020 11:48 PM	-0.7	1	3.7	-0.5	0
5/27/2020 11:54 PM	-0.7	1	3.7	-0.5	0.1
5/28/2020 12:00 AM	-0.7	1	3.8	-0.5	0.1
5/28/2020 12:06 AM	-0.7	1	3.7	-0.5	0.1
5/28/2020 12:12 AM	-0.7	1	3.8	-0.5	0.1
5/28/2020 12:18 AM	-0.7	1	3.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 12:24 AM	-0.7	0.9	3.8	-0.5	0.1
5/28/2020 12:30 AM	-0.7	0.9	3.7	-0.5	0.1
5/28/2020 12:36 AM	-0.7	1	3.7	-0.5	0.1
5/28/2020 12:42 AM	-0.7	1	3.8	-0.5	0.1
5/28/2020 12:48 AM	-0.7	1	3.7	-0.5	0.1
5/28/2020 12:54 AM	-0.7	1.1	3.7	-0.5	0.1
5/28/2020 1:00 AM	-0.7	1.1	3.7	-0.5	0.1
5/28/2020 1:06 AM	-0.7	1.1	3.7	-0.5	0.1
5/28/2020 1:12 AM	-0.7	1.1	3.7	-0.5	0
5/28/2020 1:18 AM	-0.7	1.1	3.6	-0.5	0.1
5/28/2020 1:24 AM	-0.7	1.1	3.2	-0.5	0.1
5/28/2020 1:30 AM	-0.7	1.1	2.7	-0.5	0.1
5/28/2020 1:36 AM	-0.7	1.1	2.3	-0.5	0.1
5/28/2020 1:42 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 1:48 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 1:54 AM	-0.7	1.1	2.1	-0.5	0.1
5/28/2020 2:00 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 2:06 AM	-0.7	1.1	2.3	-0.5	0.1
5/28/2020 2:12 AM	-0.7	1.1	2.3	-0.5	0.1
5/28/2020 2:18 AM	-0.7	1.1	2.3	-0.5	0.1
5/28/2020 2:24 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 2:30 AM	-0.7	1.1	2.1	-0.5	0
5/28/2020 2:36 AM	-0.7	1.1	2.1	-0.5	0.1
5/28/2020 2:42 AM	-0.7	1.1	2.1	-0.5	0.1
5/28/2020 2:48 AM	-0.7	1.1	2.1	-0.5	0.1
5/28/2020 2:54 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 3:00 AM	-0.7	1.1	2.2	-0.5	0
5/28/2020 3:06 AM	-0.7	1.1	2.2	-0.5	0.1
5/28/2020 3:12 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:18 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:24 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:30 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:36 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:42 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:48 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 3:54 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 4:00 AM	-0.7	1	2.3	-0.5	0.1
5/28/2020 4:06 AM	-0.7	1	2.2	-0.5	0.1
5/28/2020 4:12 AM	-0.7	1	2.1	-0.5	0.1
5/28/2020 4:18 AM	-0.7	1	2	-0.5	0.1
5/28/2020 4:24 AM	-0.7	1.1	1.9	-0.5	0.1
5/28/2020 4:30 AM	-0.7	1.1	1.9	-0.5	0.1
5/28/2020 4:36 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 4:42 AM	-0.7	1.1	1.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 4:48 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 4:54 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:00 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:06 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:12 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:18 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:24 AM	-0.7	1.1	1.8	-0.5	0.1
5/28/2020 5:30 AM	-0.7	1.1	1.7	-0.5	0.1
5/28/2020 5:36 AM	-0.7	1.2	1.7	-0.5	0.1
5/28/2020 5:42 AM	-0.7	1.2	1.7	-0.5	0.1
5/28/2020 5:48 AM	-0.7	1.2	1.7	-0.5	0.1
5/28/2020 5:54 AM	-0.7	1.2	1.7	-0.5	0.1
5/28/2020 6:00 AM	-0.7	1.2	1.7	-0.5	0.1
5/28/2020 6:06 AM	-0.7	1.3	1.7	-0.5	0.1
5/28/2020 6:12 AM	-0.7	1.3	1.7	-0.5	0.1
5/28/2020 6:18 AM	-0.7	1.3	1.7	-0.5	0.1
5/28/2020 6:24 AM	-0.7	1.4	1.6	-0.5	0.1
5/28/2020 6:30 AM	-0.7	1.4	1.6	-0.5	0.1
5/28/2020 6:36 AM	-0.6	1.4	1.6	-0.5	0.1
5/28/2020 6:42 AM	-0.6	1.4	1.6	-0.5	0.1
5/28/2020 6:48 AM	-0.6	1.5	1.5	-0.5	0
5/28/2020 6:54 AM	-0.6	1.5	1.5	-0.5	0.1
5/28/2020 7:00 AM	-0.6	1.6	1.5	-0.5	0.1
5/28/2020 7:06 AM	-0.6	1.6	1.5	-0.5	0.1
5/28/2020 7:12 AM	-0.6	1.7	1.5	-0.5	0.1
5/28/2020 7:18 AM	-0.6	1.7	1.5	-0.5	0.1
5/28/2020 7:24 AM	-0.6	1.7	1.5	-0.5	0.1
5/28/2020 7:30 AM	-0.6	1.7	1.5	-0.5	0.1
5/28/2020 7:36 AM	-0.6	1.8	1.5	-0.5	0.1
5/28/2020 7:42 AM	-0.6	1.8	1.8	-0.5	0.1
5/28/2020 7:48 AM	-0.6	1.8	2	-0.5	0.1
5/28/2020 7:54 AM	-0.6	1.8	2.1	-0.5	0.1
5/28/2020 8:00 AM	-0.6	1.9	2.1	-0.5	0.1
5/28/2020 8:06 AM	-0.6	1.9	2.1	-0.5	0.1
5/28/2020 8:12 AM	-0.6	1.9	2.3	-0.5	0.1
5/28/2020 8:18 AM	-0.6	1.9	2.6	-0.5	0.1
5/28/2020 8:24 AM	-0.6	1.9	2.8	-0.5	0.1
5/28/2020 8:30 AM	-0.6	1.9	2.8	-0.5	0.1
5/28/2020 8:36 AM	-0.6	2	2.8	-0.5	0.1
5/28/2020 8:42 AM	-0.6	1.9	2.9	-0.5	0.1
5/28/2020 8:48 AM	-0.6	1.9	2.9	-0.5	0.9
5/28/2020 8:54 AM	-0.6	1.9	3	-0.5	8.1
5/28/2020 9:00 AM	-0.6	1.9	3.3	-0.5	3.4
5/28/2020 9:06 AM	-0.6	1.9	3.6	-0.5	0.6

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 9:12 AM	-0.6	2	3.7	-0.5	0.3
5/28/2020 9:18 AM	-0.6	2	3.8	-0.5	0.3
5/28/2020 9:24 AM	-0.6	2	3.8	-0.5	0.2
5/28/2020 9:30 AM	-0.6	2	3.9	-0.5	0.2
5/28/2020 9:36 AM	-0.6	2	3.9	-0.5	0.1
5/28/2020 9:42 AM	-0.6	2	3.9	-0.5	0.1
5/28/2020 9:48 AM	-0.6	2.1	3.9	-0.5	0.1
5/28/2020 9:54 AM	-0.6	2.1	4	-0.5	0.1
5/28/2020 10:00 AM	-0.6	2.2	4	-0.5	0.1
5/28/2020 10:06 AM	-0.6	2.2	3.9	-0.5	0.1
5/28/2020 10:12 AM	-0.6	2.3	3.9	-0.5	0.1
5/28/2020 10:18 AM	-0.6	2.3	3.9	-0.5	0.1
5/28/2020 10:24 AM	-0.6	2.3	4	-0.5	0.1
5/28/2020 10:30 AM	-0.6	2.3	4	-0.5	0.1
5/28/2020 10:36 AM	-0.6	2.4	3.9	-0.5	0.1
5/28/2020 10:42 AM	-0.6	2.4	4	-0.5	0.1
5/28/2020 10:48 AM	-0.6	2.4	3.9	-0.5	0.1
5/28/2020 10:54 AM	-0.6	2.5	3.9	-0.5	0
5/28/2020 11:00 AM	-0.5	2.4	3.9	-0.5	0
5/28/2020 11:06 AM	-0.5	2.4	4	-0.5	0.1
5/28/2020 11:12 AM	-0.5	2.4	4.1	-0.5	0.1
5/28/2020 11:18 AM	-0.5	2.3	4.1	-0.5	0.1
5/28/2020 11:24 AM	-0.5	2.2	4.1	-0.5	0.1
5/28/2020 11:30 AM	-0.5	2.2	4	-0.5	0.1
5/28/2020 11:36 AM	-0.5	2.1	4.1	-0.5	0.1
5/28/2020 11:42 AM	-0.5	2.1	4	-0.5	0.1
5/28/2020 11:48 AM	-0.5	2.1	4	-0.5	0.1
5/28/2020 11:54 AM	-0.5	2	4	-0.5	0.1
5/28/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/28/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/28/2020 12:12 PM	-0.6	1.8	3.7	-0.5	10.9
5/28/2020 12:18 PM	-0.6	1.8	3.2	-0.5	9.5
5/28/2020 12:24 PM	-0.6	1.8	2.9	-0.5	6.5
5/28/2020 12:30 PM	-0.6	1.9	2.8	-0.5	6.1
5/28/2020 12:36 PM	-0.6	1.9	2.6	-0.5	6
5/28/2020 12:42 PM	-0.6	2	2.6	-0.5	5.5
5/28/2020 12:48 PM	-0.6	2.1	2.6	-0.5	4.8
5/28/2020 12:54 PM	-0.6	2.1	2.5	-0.5	4.1
5/28/2020 1:00 PM	-0.6	2.2	2.4	-0.5	3.8
5/28/2020 1:06 PM	<Samp	<Samp	<Samp	<Samp	<Samp
5/28/2020 1:12 PM	Maintain	Maintain	Maintain	Maintain	Maintain
5/28/2020 1:18 PM	-0.6	2.1	2.3	-0.5	2.9
5/28/2020 1:24 PM	-0.6	2.1	2.1	-0.5	2.8
5/28/2020 1:30 PM	-0.6	2.1	1.9	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 1:36 PM	-0.6	2.1	1.8	-0.5	2.7
5/28/2020 1:42 PM	-0.6	2.1	1.7	-0.5	2.7
5/28/2020 1:48 PM	-0.6	2	1.6	-0.5	2.7
5/28/2020 1:54 PM	-0.6	2	1.5	-0.5	2.7
5/28/2020 2:00 PM	-0.6	1.9	1.5	-0.5	2.6
5/28/2020 2:06 PM	-0.6	1.9	1.5	-0.5	2.6
5/28/2020 2:12 PM	-0.6	1.8	1.5	-0.5	2.5
5/28/2020 2:18 PM	-0.6	1.8	1.4	-0.5	2.5
5/28/2020 2:24 PM	-0.6	1.9	1.4	-0.5	2.5
5/28/2020 2:30 PM	-0.6	2	1.4	-0.5	2.5
5/28/2020 2:36 PM	-0.6	1.9	1.5	-0.5	2.6
5/28/2020 2:42 PM	-0.6	1.8	1.5	-0.5	2.6
5/28/2020 2:48 PM	-0.6	1.8	1.5	-0.5	2.5
5/28/2020 2:54 PM	-0.6	1.7	1.5	-0.5	2.5
5/28/2020 3:00 PM	-0.6	1.8	1.5	-0.5	2.5
5/28/2020 3:06 PM	-0.6	1.9	1.5	-0.5	2.4
5/28/2020 3:12 PM	-0.6	1.9	1.5	-0.5	2.4
5/28/2020 3:18 PM	-0.6	1.9	1.4	-0.5	2.4
5/28/2020 3:24 PM	-0.6	2	1.4	-0.5	2.4
5/28/2020 3:30 PM	-0.6	2	1.5	-0.5	2.4
5/28/2020 3:36 PM	-0.6	2	1.5	-0.5	2.4
5/28/2020 3:42 PM	-0.6	2	1.5	-0.5	2.5
5/28/2020 3:48 PM	-0.6	2.1	1.5	-0.5	2.4
5/28/2020 3:54 PM	-0.6	2.1	1.5	-0.5	2.3
5/28/2020 4:00 PM	-0.7	2.1	1.5	-0.5	2.4
5/28/2020 4:06 PM	-0.7	2	1.5	-0.5	2.4
5/28/2020 4:12 PM	-0.7	1.9	1.3	-0.5	5.8
5/28/2020 4:18 PM	-0.7	1.8	0.3	-0.5	9.1
5/28/2020 4:24 PM	-0.7	1.8	-0.4	-0.5	8.4
5/28/2020 4:30 PM	-0.7	1.8	-0.5	-0.5	8
5/28/2020 4:36 PM	-0.7	1.7	-0.5	-0.5	5.5
5/28/2020 4:42 PM	-0.7	1.8	-0.5	-0.5	3.8
5/28/2020 4:48 PM	-0.7	1.8	-0.5	-0.5	3.7
5/28/2020 4:54 PM	-0.7	1.8	-0.5	-0.5	3
5/28/2020 5:00 PM	-0.7	1.7	-0.5	-0.5	2.5
5/28/2020 5:06 PM	-0.7	1.7	-0.5	-0.5	2.6
5/28/2020 5:12 PM	-0.7	1.6	-0.6	-0.5	2.6
5/28/2020 5:18 PM	-0.7	1.6	-0.5	-0.5	2.8
5/28/2020 5:24 PM	-0.7	1.5	-0.5	-0.5	3
5/28/2020 5:30 PM	-0.7	1.4	-0.6	-0.4	3.1
5/28/2020 5:36 PM	-0.7	1.4	-0.6	-0.4	3
5/28/2020 5:42 PM	-0.7	1.4	-0.6	-0.4	3
5/28/2020 5:48 PM	-0.7	1.4	-0.6	-0.4	3
5/28/2020 5:54 PM	-0.7	1.4	-0.7	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 6:00 PM	-0.7	1.4	-0.7	-0.4	3
5/28/2020 6:06 PM	-0.7	1.4	-0.6	-0.4	3
5/28/2020 6:12 PM	-0.7	1.4	-0.6	-0.4	3
5/28/2020 6:18 PM	-0.7	1.4	-0.6	-0.4	3.1
5/28/2020 6:24 PM	-0.7	1.4	-0.6	-0.4	3.1
5/28/2020 6:30 PM	-0.7	1.4	-0.7	-0.4	3.1
5/28/2020 6:36 PM	-0.7	1.4	-0.6	-0.4	3.7
5/28/2020 6:42 PM	-0.7	1.4	-0.6	-0.4	4.5
5/28/2020 6:48 PM	-0.7	1.4	-0.7	-0.4	4.5
5/28/2020 6:54 PM	-0.7	1.4	-0.7	-0.4	4.5
5/28/2020 7:00 PM	-0.7	1.3	-0.7	-0.4	4.4
5/28/2020 7:06 PM	-0.7	1.4	-0.7	-0.4	4.5
5/28/2020 7:12 PM	-0.7	1.4	-0.7	-0.4	4.5
5/28/2020 7:18 PM	-0.7	1.3	-0.7	-0.4	4.6
5/28/2020 7:24 PM	-0.7	1.3	-0.7	-0.4	5.2
5/28/2020 7:30 PM	-0.8	1.3	-0.7	-0.4	6.2
5/28/2020 7:36 PM	-0.8	1.3	-0.7	-0.4	6.1
5/28/2020 7:42 PM	-0.8	1.3	-0.7	-0.4	6.2
5/28/2020 7:48 PM	-0.8	1.3	-0.7	-0.4	6.1
5/28/2020 7:54 PM	-0.8	1.3	-0.7	-0.4	5.9
5/28/2020 8:00 PM	-0.8	1.3	-0.8	-0.4	5.8
5/28/2020 8:06 PM	-0.8	1.4	-0.8	-0.4	5.7
5/28/2020 8:12 PM	-0.8	1.4	-0.8	-0.4	5.5
5/28/2020 8:18 PM	-0.8	1.4	-0.8	-0.4	5.5
5/28/2020 8:24 PM	-0.8	1.4	-0.8	-0.4	5.6
5/28/2020 8:30 PM	-0.8	1.4	-0.8	-0.4	5.6
5/28/2020 8:36 PM	-0.8	1.4	-0.8	-0.4	5.6
5/28/2020 8:42 PM	-0.8	1.4	-0.8	-0.4	5.5
5/28/2020 8:48 PM	-0.8	1.4	-0.8	-0.4	5.5
5/28/2020 8:54 PM	-0.8	1.4	-0.8	-0.4	5.8
5/28/2020 9:00 PM	-0.8	1.4	-0.8	-0.4	6.4
5/28/2020 9:06 PM	-0.8	1.4	-0.8	-0.4	6.6
5/28/2020 9:12 PM	-0.8	1.4	-0.8	-0.4	6.4
5/28/2020 9:18 PM	-0.8	1.4	-0.8	-0.4	6.3
5/28/2020 9:24 PM	-0.8	1.4	-0.9	-0.4	6.5
5/28/2020 9:30 PM	-0.8	1.4	-0.9	-0.4	6.7
5/28/2020 9:36 PM	-0.8	1.4	-0.8	-0.4	6.7
5/28/2020 9:42 PM	-0.8	1.4	-0.8	-0.4	6.7
5/28/2020 9:48 PM	-0.8	1.4	-0.8	-0.4	6.6
5/28/2020 9:54 PM	-0.8	1.4	-0.8	-0.4	6.7
5/28/2020 10:00 PM	-0.8	1.4	-0.8	-0.4	6.8
5/28/2020 10:06 PM	-0.8	1.4	-0.8	-0.4	6.7
5/28/2020 10:12 PM	-0.8	1.4	-0.9	-0.4	6.6
5/28/2020 10:18 PM	-0.8	1.4	-0.9	-0.4	6.6

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/28/2020 10:24 PM	-0.8	1.4	-0.9	-0.4	6.7
5/28/2020 10:30 PM	-0.8	1.4	-0.9	-0.4	6.8
5/28/2020 10:36 PM	-0.8	1.4	-0.9	-0.4	6.6
5/28/2020 10:42 PM	-0.8	1.4	-0.8	-0.4	6.6
5/28/2020 10:48 PM	-0.8	1.4	-0.9	-0.4	6.5
5/28/2020 10:54 PM	-0.8	1.4	-0.9	-0.4	6.5
5/28/2020 11:00 PM	-0.8	1.4	-0.9	-0.4	6.4
5/28/2020 11:06 PM	-0.8	1.4	-0.9	-0.4	6.1
5/28/2020 11:12 PM	-0.8	1.4	-0.9	-0.4	6.1
5/28/2020 11:18 PM	-0.8	1.4	-0.9	-0.4	6.1
5/28/2020 11:24 PM	-0.8	1.4	-0.9	-0.4	6.3
5/28/2020 11:30 PM	-0.8	1.4	-0.9	-0.4	6.4
5/28/2020 11:36 PM	-0.8	1.4	-0.9	-0.4	6.2
5/28/2020 11:42 PM	-0.8	1.4	-0.9	-0.4	6.3
5/28/2020 11:48 PM	-0.8	1.4	-0.9	-0.4	6.3
5/28/2020 11:54 PM	-0.7	1.4	-0.9	-0.4	6.3
5/29/2020 12:00 AM	-0.7	1.4	-0.9	-0.4	6.2
5/29/2020 12:06 AM	-0.7	1.4	-0.9	-0.4	6.4
5/29/2020 12:12 AM	-0.7	1.4	-0.9	-0.4	6.3
5/29/2020 12:18 AM	-0.7	1.3	-0.9	-0.4	6.2
5/29/2020 12:24 AM	-0.7	1.3	-0.9	-0.4	6.4
5/29/2020 12:30 AM	-0.7	1.3	-0.9	-0.4	6.4
5/29/2020 12:36 AM	-0.7	1.3	-0.9	-0.4	6.3
5/29/2020 12:42 AM	-0.7	1.3	-0.9	-0.4	6.4
5/29/2020 12:48 AM	-0.7	1.3	-0.9	-0.4	6.3
5/29/2020 12:54 AM	-0.7	1.3	-0.9	-0.4	6.1
5/29/2020 1:00 AM	-0.8	1.3	-0.9	-0.4	6.2
5/29/2020 1:06 AM	-0.8	1.3	-0.9	-0.4	6.4
5/29/2020 1:12 AM	-0.7	1.3	-0.9	-0.4	6.4
5/29/2020 1:18 AM	-0.7	1.3	-0.9	-0.4	6.3
5/29/2020 1:24 AM	-0.7	1.3	-0.9	-0.4	6.2
5/29/2020 1:30 AM	-0.8	1.3	-0.9	-0.4	6
5/29/2020 1:36 AM	-0.8	1.3	-0.9	-0.4	6
5/29/2020 1:42 AM	-0.8	1.3	-0.9	-0.4	6
5/29/2020 1:48 AM	-0.8	1.3	-0.9	-0.4	6.1
5/29/2020 1:54 AM	-0.8	1.3	-0.9	-0.4	6.3
5/29/2020 2:00 AM	-0.8	1.3	-0.9	-0.4	6.3
5/29/2020 2:06 AM	-0.8	1.3	-0.9	-0.4	6.2
5/29/2020 2:12 AM	-0.8	1.3	-1	-0.4	6.3
5/29/2020 2:18 AM	-0.8	1.3	-0.9	-0.4	6.3
5/29/2020 2:24 AM	-0.8	1.3	-0.9	-0.4	6.3
5/29/2020 2:30 AM	-0.8	1.3	-1	-0.4	6.2
5/29/2020 2:36 AM	-0.8	1.3	-1	-0.4	5.8
5/29/2020 2:42 AM	-0.8	1.3	-0.9	-0.4	3.5

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/29/2020 2:48 AM	-0.8	1.3	-0.9	-0.4	2
5/29/2020 2:54 AM	-0.8	1.3	-1	-0.4	2.1
5/29/2020 3:00 AM	-0.8	1.3	-1	-0.4	2.2
5/29/2020 3:06 AM	-0.8	1.3	-1	-0.4	2.2
5/29/2020 3:12 AM	-0.8	1.3	-1	-0.4	2.2
5/29/2020 3:18 AM	-0.8	1.3	-1	-0.4	2.2
5/29/2020 3:24 AM	-0.7	1.3	-0.9	-0.4	2.2
5/29/2020 3:30 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 3:36 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 3:42 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 3:48 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 3:54 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 4:00 AM	-0.7	1.3	-1	-0.4	2.3
5/29/2020 4:06 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:12 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:18 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:24 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:30 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:36 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:42 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:48 AM	-0.7	1.2	-1	-0.4	2.3
5/29/2020 4:54 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:00 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:06 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:12 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:18 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:24 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 5:30 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 5:36 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 5:42 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 5:48 AM	-0.7	1.1	-1	-0.4	2.3
5/29/2020 5:54 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:00 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:06 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:12 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:18 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:24 AM	-0.7	1.1	-1	-0.4	2.5
5/29/2020 6:30 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:36 AM	-0.7	1.1	-1	-0.4	2.4
5/29/2020 6:42 AM	-0.7	1.2	-1	-0.4	2.4
5/29/2020 6:48 AM	-0.7	1.2	-1	-0.4	2.4
5/29/2020 6:54 AM	-0.7	1.2	-1	-0.4	2.4
5/29/2020 7:00 AM	-0.7	1.2	-1	-0.4	2.4
5/29/2020 7:06 AM	-0.7	1.2	-1	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/29/2020 7:12 AM	-0.7	1.2	-1	-0.4	2.9
5/29/2020 7:18 AM	-0.6	1.3	-1	-0.4	2.9
5/29/2020 7:24 AM	-0.6	1.3	-1	-0.4	2.9
5/29/2020 7:30 AM	-0.6	1.3	-1	-0.4	2.8
5/29/2020 7:36 AM	-0.6	1.3	-1	-0.4	2.8
5/29/2020 7:42 AM	-0.6	1.3	-1	-0.4	2.8
5/29/2020 7:48 AM	-0.6	1.3	-1	-0.4	2.8
5/29/2020 7:54 AM	-0.6	1.3	-1	-0.4	2.8
5/29/2020 8:00 AM	-0.6	1.3	-1	-0.4	3.1
5/29/2020 8:06 AM	-0.6	1.3	-1	-0.4	3.2
5/29/2020 8:12 AM	-0.6	1.3	-1	-0.4	3.2
5/29/2020 8:18 AM	-0.6	1.3	-1	-0.4	3.2
5/29/2020 8:24 AM	-0.6	1.3	-1	-0.4	3.2
5/29/2020 8:30 AM	-0.6	1.4	-1	-0.4	3.2
5/29/2020 8:36 AM	-0.6	1.5	-1	-0.4	3.1
5/29/2020 8:42 AM	-0.6	1.6	-1	-0.4	3.1
5/29/2020 8:48 AM	-0.6	1.7	-1	-0.4	3.1
5/29/2020 8:54 AM	-0.6	1.7	-1	-0.4	3.2
5/29/2020 9:00 AM	-0.6	1.8	-1	-0.4	3.8
5/29/2020 9:06 AM	-0.6	1.8	-1	-0.4	4.4
5/29/2020 9:12 AM	-0.6	1.8	-1	-0.4	5
5/29/2020 9:18 AM	-0.6	1.8	-1	-0.4	6.4
5/29/2020 9:24 AM	-0.6	1.8	-1	-0.4	6.9
5/29/2020 9:30 AM	-0.6	1.8	-1	-0.4	6.7
5/29/2020 9:36 AM	-0.6	1.8	-1	-0.4	6.3
5/29/2020 9:42 AM	-0.6	1.8	-1	-0.4	6.1
5/29/2020 9:48 AM	-0.6	1.7	-1	-0.4	6
5/29/2020 9:54 AM	-0.6	1.7	-1	-0.4	6
5/29/2020 10:00 AM	-0.6	1.6	-1	-0.4	6
5/29/2020 10:06 AM	-0.6	1.6	-1	-0.4	6.1
5/29/2020 10:12 AM	-0.6	1.6	-1	-0.4	6.4
5/29/2020 10:18 AM	-0.6	1.6	-1	-0.4	6.5
5/29/2020 10:24 AM	-0.6	1.7	-1	-0.4	6.3
5/29/2020 10:30 AM	-0.6	1.8	-1	-0.4	6.1
5/29/2020 10:36 AM	-0.6	1.9	-1	-0.4	6
5/29/2020 10:42 AM	-0.6	1.9	-1	-0.4	6.2
5/29/2020 10:48 AM	-0.6	1.9	-1	-0.4	6.2
5/29/2020 10:54 AM	-0.6	1.9	-1	-0.4	6.1
5/29/2020 11:00 AM	-0.6	1.9	-1	-0.4	6
5/29/2020 11:06 AM	-0.6	1.9	-1	-0.4	6
5/29/2020 11:12 AM	-0.6	2	-1	6.2	6
5/29/2020 11:18 AM	-0.5	2.1	-1	20.8	5
5/29/2020 11:24 AM	-0.5	2.1	-1	21.9	2.8
5/29/2020 11:30 AM	-0.5	2.1	-1	15.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/29/2020 11:36 AM	-0.5	11	-1	13.5	2.1
5/29/2020 11:42 AM	-0.5	31.6	-1	14.7	2.1
5/29/2020 11:48 AM	-0.5	33.2	-1	12.6	2.2
5/29/2020 11:54 AM	-0.5	19.7	-1	10	2.2
5/29/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/29/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/29/2020 12:12 PM	-0.3	11.6	-1.1	7.8	2.3
5/29/2020 12:18 PM	-0.3	12.6	5.7	7.7	2.3
5/29/2020 12:24 PM	-0.3	7.7	10.4	7.8	2.3
5/29/2020 12:30 PM	-0.3	8.6	2.9	7.8	2.3
5/29/2020 12:36 PM	-0.3	14.9	-0.6	7.8	2.3
5/29/2020 12:42 PM	-0.3	18.3	-0.8	7.8	2.4
5/29/2020 12:48 PM	-0.3	8.7	-1	7.5	2.4
5/29/2020 12:54 PM	-0.3	5.4	-1	7.1	2.3
5/29/2020 1:00 PM	-0.3	4.9	-1	7	2.3
5/29/2020 1:06 PM	-0.3	4.5	-1	6.9	2.4
5/29/2020 1:12 PM	-0.3	3.8	-1	6.6	2.4
5/29/2020 1:18 PM	-0.3	3.3	-1	5.9	2.4
5/29/2020 1:24 PM	-0.3	3.2	-1	5.8	2.4
5/29/2020 1:30 PM	-0.3	3	-1.1	5.7	2.4
5/29/2020 1:36 PM	-0.3	2.7	-1.1	5.4	2.4
5/29/2020 1:42 PM	-0.3	2.2	-1.1	5.1	2.4
5/29/2020 1:48 PM	-0.3	1.7	-1.1	5.2	2.4
5/29/2020 1:54 PM	-0.3	1.3	-1.1	5	2.4
5/29/2020 2:00 PM	-0.3	1.1	-1.1	5	2.4
5/29/2020 2:06 PM	-0.3	0.8	-1.1	4.9	2.4
5/29/2020 2:12 PM	-0.3	0.6	-1	4.6	2.4
5/29/2020 2:18 PM	-0.3	0.5	-1	4.5	2.4
5/29/2020 2:24 PM	-0.3	0.5	-1.1	4.5	2.4
5/29/2020 2:30 PM	-0.3	0.6	-1.1	4.3	2.4
5/29/2020 2:36 PM	-0.3	0.7	-1.1	4.5	2.4
5/29/2020 2:42 PM	-0.3	0.8	-1.1	4.3	2.4
5/29/2020 2:48 PM	-0.3	0.8	-1.1	4	2.5
5/29/2020 2:54 PM	-0.3	0.8	-1.1	4.2	2.4
5/29/2020 3:00 PM	-0.3	0.8	-1.1	4.2	2.4
5/29/2020 3:06 PM	-0.3	0.9	-1.1	4.1	2.5
5/29/2020 3:12 PM	-0.3	0.9	-1.1	4	2.4
5/29/2020 3:18 PM	-0.3	0.9	-1.1	3.9	2.7
5/29/2020 3:24 PM	-0.3	0.9	-1.1	3.9	2.7
5/29/2020 3:30 PM	-0.3	0.8	-1.1	3.8	2.6
5/29/2020 3:36 PM	-0.3	0.7	-1.1	3.7	2.5
5/29/2020 3:42 PM	-0.3	0.5	-1.1	3.8	2.5
5/29/2020 3:48 PM	-0.3	0.5	-1.1	3.8	2.5
5/29/2020 3:54 PM	-0.3	0.5	-1.1	3.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/29/2020 4:00 PM	-0.3	0.5	-1.1	3.9	2.6
5/29/2020 4:06 PM	-0.3	0.5	-1.1	3.9	2.6
5/29/2020 4:12 PM	-0.3	0.5	-1.1	3.7	2.6
5/29/2020 4:18 PM	-0.3	0.6	-1.1	3.9	2.7
5/29/2020 4:24 PM	-0.3	0.6	-1.1	3.7	2.7
5/29/2020 4:30 PM	-0.3	0.6	-1.1	3.5	2.7
5/29/2020 4:36 PM	-0.3	0.8	-1.1	3.6	2.6
5/29/2020 4:42 PM	-0.3	0.9	-1.1	3.8	2.6
5/29/2020 4:48 PM	-0.3	0.8	-1.1	3.8	2.6
5/29/2020 4:54 PM	-0.3	0.7	-1.1	3.7	2.6
5/29/2020 5:00 PM	-0.3	0.7	-1.1	3.7	2.7
5/29/2020 5:06 PM	-0.3	0.6	-1.1	3.8	2.7
5/29/2020 5:12 PM	-0.3	0.7	-1.1	4	2.6
5/29/2020 5:18 PM	-0.3	0.9	-1.1	4	2.6
5/29/2020 5:24 PM	-0.3	1.1	-1.1	4.1	2.6
5/29/2020 5:30 PM	-0.3	1.3	-1.1	4.2	2.6
5/29/2020 5:36 PM	-0.3	1.5	-1.1	4.1	2.6
5/29/2020 5:42 PM	-0.3	1.6	-1.1	3.6	2.4
5/29/2020 5:48 PM	-0.3	1.8	-1.1	2.9	2.3
5/29/2020 5:54 PM	-0.3	1.9	-1.1	2.9	2.3
5/29/2020 6:00 PM	-0.3	2	-1.1	3	2.4
5/29/2020 6:06 PM	-0.3	2.1	-1.1	2.9	2.4
5/29/2020 6:12 PM	-0.3	2.1	-1.1	2.9	2.4
5/29/2020 6:18 PM	-0.3	2	-1.1	2.9	2.4
5/29/2020 6:24 PM	-0.3	2	-1.1	3	2.4
5/29/2020 6:30 PM	-0.3	1.9	-1.1	2.9	2.4
5/29/2020 6:36 PM	-0.3	1.8	-1.1	2.9	2.5
5/29/2020 6:42 PM	-0.3	1.7	-1.1	2.9	2.5
5/29/2020 6:48 PM	-0.3	1.4	-1.1	2.7	2.5
5/29/2020 6:54 PM	-0.3	1.3	-1.1	2.6	2.5
5/29/2020 7:00 PM	-0.3	1.1	-1.1	2.6	2.5
5/29/2020 7:06 PM	-0.3	1	-1.1	3.8	2.6
5/29/2020 7:12 PM	-0.3	1	-1.2	6.3	2.8
5/29/2020 7:18 PM	-0.3	1.1	-1.1	6.9	2.9
5/29/2020 7:24 PM	-0.4	1.1	-1.1	6.6	2.8
5/29/2020 7:30 PM	-0.4	1.2	-1.1	6.2	2.7
5/29/2020 7:36 PM	-0.4	1.2	-1.1	6.1	2.6
5/29/2020 7:42 PM	-0.4	1.2	-1.1	6.5	2.7
5/29/2020 7:48 PM	-0.4	1.2	-1.1	7.7	3
5/29/2020 7:54 PM	-0.4	1.2	-1.1	8.1	3.2
5/29/2020 8:00 PM	-0.4	1.1	-1.1	6.3	2.9
5/29/2020 8:06 PM	-0.4	1.1	-1.1	3	2.4
5/29/2020 8:12 PM	-0.4	1.1	-1.1	2	2.2
5/29/2020 8:18 PM	-0.4	1	-1.1	2.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/29/2020 8:24 PM	-0.5	1	-1.1	2.6	2.3
5/29/2020 8:30 PM	-0.5	1	-1	2.8	2.4
5/29/2020 8:36 PM	-0.5	1	-1	2.9	2.5
5/29/2020 8:42 PM	-0.5	1	-1	3	2.5
5/29/2020 8:48 PM	-0.5	1	-1	3.3	2.5
5/29/2020 8:54 PM	-0.5	1	-1	3.2	2.5
5/29/2020 9:00 PM	-0.5	1	-1	3.3	2.5
5/29/2020 9:06 PM	-0.5	1	-1.1	3.4	2.4
5/29/2020 9:12 PM	-0.5	1	-1.1	3.4	2.5
5/29/2020 9:18 PM	-0.5	1	-1.1	3.5	2.4
5/29/2020 9:24 PM	-0.5	1	-1.1	3.4	2.4
5/29/2020 9:30 PM	-0.5	0.9	-1.1	3.3	2.4
5/29/2020 9:36 PM	-0.5	0.9	-1.1	3.2	2.4
5/29/2020 9:42 PM	-0.5	1	-1.1	3	2.4
5/29/2020 9:48 PM	-0.5	1	-1.1	3	2.4
5/29/2020 9:54 PM	-0.6	1	-1.1	3	2.4
5/29/2020 10:00 PM	-0.6	1	-1.1	2.9	2.4
5/29/2020 10:06 PM	-0.6	1	-1.1	2.9	2.5
5/29/2020 10:12 PM	-0.6	1	-1.1	2.9	2.5
5/29/2020 10:18 PM	-0.6	1	-1.1	2.9	2.6
5/29/2020 10:24 PM	-0.6	1	-1.1	2.8	2.6
5/29/2020 10:30 PM	-0.6	1	-1.1	3	2.5
5/29/2020 10:36 PM	-0.6	1	-1.1	3	2.5
5/29/2020 10:42 PM	-0.6	1	-1.1	3.1	2.5
5/29/2020 10:48 PM	-0.6	1	-1.1	3.2	2.5
5/29/2020 10:54 PM	-0.6	1	-1.1	3.3	2.5
5/29/2020 11:00 PM	-0.6	1	-1.1	3.2	2.5
5/29/2020 11:06 PM	-0.6	1	-1.1	3.3	2.5
5/29/2020 11:12 PM	-0.5	1	-1.1	3.3	2.5
5/29/2020 11:18 PM	-0.5	1	-1.1	3.2	2.5
5/29/2020 11:24 PM	-0.5	1	-1.1	3.1	2.5
5/29/2020 11:30 PM	-0.5	1	-1.1	3.1	2.5
5/29/2020 11:36 PM	-0.5	1	-1.1	2.7	2.4
5/29/2020 11:42 PM	-0.5	1	-1.1	2.5	2.4
5/29/2020 11:48 PM	-0.5	0.9	-1.1	2.5	2.5
5/29/2020 11:54 PM	-0.5	0.9	-1.1	2.6	2.5
5/30/2020 12:00 AM	-0.5	0.9	-1.1	2.6	2.5
5/30/2020 12:06 AM	-0.5	0.9	-1.1	2.5	2.5
5/30/2020 12:12 AM	-0.5	0.9	-1.1	2.3	2.6
5/30/2020 12:18 AM	-0.5	0.9	-1.1	0.9	3.1
5/30/2020 12:24 AM	-0.5	0.9	-1.1	-0.5	3.1
5/30/2020 12:30 AM	-0.5	0.9	-1.1	-0.5	2.9
5/30/2020 12:36 AM	-0.5	0.9	-1.1	-0.5	2.9
5/30/2020 12:42 AM	-0.5	0.9	-1.1	-0.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 12:48 AM	-0.5	0.9	-1.1	-0.5	3
5/30/2020 12:54 AM	-0.4	1	-1.1	-0.5	2.9
5/30/2020 1:00 AM	-0.4	1	-1.1	-0.5	2.9
5/30/2020 1:06 AM	-0.4	0.9	-1.2	-0.5	3.5
5/30/2020 1:12 AM	-0.4	0.9	-1.1	-0.5	4.7
5/30/2020 1:18 AM	-0.4	0.9	-1.1	-0.5	7.9
5/30/2020 1:24 AM	-0.4	0.9	-1.1	-0.5	9.1
5/30/2020 1:30 AM	-0.4	0.9	-1.1	-0.5	8.1
5/30/2020 1:36 AM	-0.4	0.9	-1.1	-0.5	7.6
5/30/2020 1:42 AM	-0.5	0.9	-1.1	-0.5	7.5
5/30/2020 1:48 AM	-0.5	0.9	-1.1	-0.5	7.6
5/30/2020 1:54 AM	-0.5	0.9	-1.1	-0.5	7.3
5/30/2020 2:00 AM	-0.5	0.9	-1.1	-0.5	7.2
5/30/2020 2:06 AM	-0.5	0.9	-1.1	-0.5	7.1
5/30/2020 2:12 AM	-0.5	0.9	-1.1	-0.5	6.9
5/30/2020 2:18 AM	-0.5	0.9	-1.1	-0.5	6.7
5/30/2020 2:24 AM	-0.5	0.9	-1.1	-0.5	6.7
5/30/2020 2:30 AM	-0.5	0.9	-1.1	-0.5	6.8
5/30/2020 2:36 AM	-0.5	0.9	-1.1	-0.5	6.8
5/30/2020 2:42 AM	-0.5	0.9	-1.1	-0.5	6.8
5/30/2020 2:48 AM	-0.5	0.9	-1.1	-0.5	6.6
5/30/2020 2:54 AM	-0.5	1	-1.1	-0.5	6.6
5/30/2020 3:00 AM	-0.5	1	-1.1	-0.5	6.6
5/30/2020 3:06 AM	-0.5	1.1	-1.1	-0.5	6.7
5/30/2020 3:12 AM	-0.5	1.1	-1.1	-0.5	6.7
5/30/2020 3:18 AM	-0.5	1.1	-1.1	-0.5	6.7
5/30/2020 3:24 AM	-0.5	1.1	-1.1	-0.5	6.7
5/30/2020 3:30 AM	-0.5	1.1	-1.1	-0.5	6.8
5/30/2020 3:36 AM	-0.5	1.1	-1.1	-0.5	6.8
5/30/2020 3:42 AM	-0.5	1.1	-1.1	-0.5	6.9
5/30/2020 3:48 AM	-0.5	1.1	-1.1	-0.5	7.1
5/30/2020 3:54 AM	-0.5	1.1	-1.1	-0.5	7
5/30/2020 4:00 AM	-0.5	1.1	-1.1	-0.5	6.9
5/30/2020 4:06 AM	-0.5	1.1	-1.1	-0.5	6.9
5/30/2020 4:12 AM	-0.5	1.1	-1.1	-0.5	7
5/30/2020 4:18 AM	-0.5	1.1	-1.1	-0.5	7
5/30/2020 4:24 AM	-0.5	1.1	-1.1	-0.5	7
5/30/2020 4:30 AM	-0.5	1.1	-1.1	-0.5	6.9
5/30/2020 4:36 AM	-0.5	1.1	-1.1	-0.5	6.8
5/30/2020 4:42 AM	-0.5	1	-1.1	-0.5	6.8
5/30/2020 4:48 AM	-0.5	1	-1.1	-0.5	6.9
5/30/2020 4:54 AM	-0.5	1	-1.1	-0.5	6.8
5/30/2020 5:00 AM	-0.5	1.1	-1.1	-0.5	7.1
5/30/2020 5:06 AM	-0.5	1.1	-1.1	-0.5	7.6

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 5:12 AM	-0.5	1.2	-1.1	-0.5	8
5/30/2020 5:18 AM	-0.5	1.3	-1.2	-0.5	6.5
5/30/2020 5:24 AM	-0.5	1.5	-1.2	-0.5	3.3
5/30/2020 5:30 AM	-0.5	2	-1.2	-0.5	2.4
5/30/2020 5:36 AM	-0.5	2.2	-1.2	-0.5	2.5
5/30/2020 5:42 AM	-0.5	2.3	-1.3	-0.5	2.6
5/30/2020 5:48 AM	-0.5	2.2	-1.3	-0.5	2.5
5/30/2020 5:54 AM	-0.5	2.1	-1.3	-0.5	2.6
5/30/2020 6:00 AM	-0.5	2	-1.2	-0.5	2.6
5/30/2020 6:06 AM	-0.5	2	-1.2	-0.5	2.5
5/30/2020 6:12 AM	-0.5	2	-1.3	-0.5	2.6
5/30/2020 6:18 AM	-0.5	2	-1.3	-0.5	2.6
5/30/2020 6:24 AM	-0.5	1.9	-1.3	-0.5	2.6
5/30/2020 6:30 AM	-0.5	1.7	-1.2	-0.5	2.6
5/30/2020 6:36 AM	-0.5	1.5	-1.2	-0.5	2.6
5/30/2020 6:42 AM	-0.5	1.5	-1.2	-0.5	2.7
5/30/2020 6:48 AM	-0.5	1.4	-1.2	-0.5	2.6
5/30/2020 6:54 AM	-0.5	1.3	-1.2	-0.5	2.6
5/30/2020 7:00 AM	-0.5	1.2	-1.2	-0.5	2.7
5/30/2020 7:06 AM	-0.5	1	-1.2	-0.5	3.5
5/30/2020 7:12 AM	-0.5	0.8	-1.2	-0.5	4.2
5/30/2020 7:18 AM	-0.5	0.7	-1.2	-0.5	3.9
5/30/2020 7:24 AM	-0.5	0.6	-1.2	-0.5	3.9
5/30/2020 7:30 AM	-0.5	0.3	-1.2	-0.5	3.8
5/30/2020 7:36 AM	-0.5	0.1	-1.2	-0.5	3.8
5/30/2020 7:42 AM	-0.5	0	-1.1	-0.5	3.8
5/30/2020 7:48 AM	-0.5	-0.2	-1.1	-0.5	3.9
5/30/2020 7:54 AM	-0.5	-0.2	-1.1	-0.5	3.9
5/30/2020 8:00 AM	-0.5	-0.1	-1.1	-0.5	3.7
5/30/2020 8:06 AM	-0.5	0	-1.1	-0.5	3.7
5/30/2020 8:12 AM	-0.5	0.2	-1.2	-0.5	3.6
5/30/2020 8:18 AM	-0.5	0.3	-1.2	-0.5	3.5
5/30/2020 8:24 AM	-0.5	0.5	-1.2	-0.5	3.6
5/30/2020 8:30 AM	-0.5	0.6	-1.2	-0.5	3.6
5/30/2020 8:36 AM	-0.5	0.6	-1.2	-0.5	3.5
5/30/2020 8:42 AM	-0.4	0.5	-1.2	-0.5	3.6
5/30/2020 8:48 AM	-0.4	0.2	-1.2	-0.5	3.5
5/30/2020 8:54 AM	-0.4	0	-1.1	-0.5	3.6
5/30/2020 9:00 AM	-0.4	-0.1	-1.1	-0.5	3.6
5/30/2020 9:06 AM	-0.4	-0.1	-1	-0.5	3.6
5/30/2020 9:12 AM	-0.4	-0.1	-1	-0.5	3.6
5/30/2020 9:18 AM	-0.4	0	-1	-0.5	3.7
5/30/2020 9:24 AM	-0.4	0.1	-1.1	-0.5	3.8
5/30/2020 9:30 AM	-0.4	0.1	-1.1	-0.5	3.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 9:36 AM	-0.4	0.1	-1.1	-0.5	3.8
5/30/2020 9:42 AM	-0.4	0	-1.1	-0.5	3.8
5/30/2020 9:48 AM	-0.4	-0.1	-1.1	-0.5	3.7
5/30/2020 9:54 AM	-0.4	-0.1	-1.1	-0.5	3.7
5/30/2020 10:00 AM	-0.4	-0.1	-1.1	-0.5	3.7
5/30/2020 10:06 AM	-0.4	-0.1	-1.1	-0.5	3.6
5/30/2020 10:12 AM	-0.4	-0.1	-1.1	-0.5	3.6
5/30/2020 10:18 AM	-0.4	-0.2	-1.1	-0.5	3.5
5/30/2020 10:24 AM	-0.4	-0.2	-1.1	-0.5	3.4
5/30/2020 10:30 AM	-0.4	-0.3	-1	-0.5	3.5
5/30/2020 10:36 AM	-0.4	-0.3	-1	-0.5	5.2
5/30/2020 10:42 AM	-0.4	-0.2	-1	-0.5	7.3
5/30/2020 10:48 AM	-0.4	-0.1	-1	-0.5	7.2
5/30/2020 10:54 AM	-0.4	-0.1	-1	-0.5	6.5
5/30/2020 11:00 AM	-0.4	-0.1	-1	-0.5	6.2
5/30/2020 11:06 AM	-0.4	-0.1	-1	-0.5	6.1
5/30/2020 11:12 AM	-0.4	-0.1	-1	-0.5	5.8
5/30/2020 11:18 AM	-0.4	-0.1	-1	-0.5	5.6
5/30/2020 11:24 AM	-0.4	-0.1	-1	-0.5	5.6
5/30/2020 11:30 AM	-0.4	-0.1	-1	-0.5	5.7
5/30/2020 11:36 AM	-0.4	-0.1	-1	-0.5	5.7
5/30/2020 11:42 AM	-0.4	-0.2	-1	-0.5	5.7
5/30/2020 11:48 AM	-0.4	-0.2	-1	-0.5	5.8
5/30/2020 11:54 AM	-0.4	-0.2	-1	-0.5	5.8
5/30/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/30/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/30/2020 12:12 PM	-0.2	-0.2	-0.9	-0.4	5.8
5/30/2020 12:18 PM	-0.2	-0.2	-0.9	-0.4	5.8
5/30/2020 12:24 PM	-0.2	0	-0.9	-0.4	5.9
5/30/2020 12:30 PM	-0.2	0.1	-0.9	-0.4	6
5/30/2020 12:36 PM	-0.2	0.2	-0.9	-0.4	5.9
5/30/2020 12:42 PM	-0.2	0.2	-0.9	-0.4	5.9
5/30/2020 12:48 PM	-0.2	0.2	-0.9	-0.4	6
5/30/2020 12:54 PM	-0.2	0.1	-0.9	-0.4	5.9
5/30/2020 1:00 PM	-0.2	0	-0.9	-0.4	6
5/30/2020 1:06 PM	-0.3	0	-0.9	-0.4	5.9
5/30/2020 1:12 PM	-0.3	-0.1	-0.9	-0.4	5.9
5/30/2020 1:18 PM	-0.3	-0.1	-0.9	-0.4	5.8
5/30/2020 1:24 PM	-0.3	0	-0.9	-0.4	5.8
5/30/2020 1:30 PM	-0.2	0.1	-0.9	-0.4	5.8
5/30/2020 1:36 PM	-0.2	0.2	-0.9	-0.4	5.9
5/30/2020 1:42 PM	-0.2	0.2	-0.9	-0.4	6
5/30/2020 1:48 PM	-0.2	0.2	-0.9	-0.4	6
5/30/2020 1:54 PM	-0.2	0.1	-0.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 2:00 PM	-0.2	0.1	-0.9	-0.4	6
5/30/2020 2:06 PM	-0.2	0	-0.9	-0.4	5.8
5/30/2020 2:12 PM	-0.2	0.1	-0.9	-0.4	5.7
5/30/2020 2:18 PM	-0.2	0.2	-0.9	-0.4	5.8
5/30/2020 2:24 PM	-0.2	0.3	-0.9	-0.4	5.8
5/30/2020 2:30 PM	-0.2	0.5	-0.9	-0.4	5.9
5/30/2020 2:36 PM	-0.2	0.7	-1	-0.4	5.9
5/30/2020 2:42 PM	-0.2	0.8	-1	-0.4	6
5/30/2020 2:48 PM	-0.2	0.8	-1	-0.4	5.8
5/30/2020 2:54 PM	-0.2	0.8	-1	-0.4	5.8
5/30/2020 3:00 PM	-0.2	0.8	-0.9	-0.4	5.9
5/30/2020 3:06 PM	-0.2	0.8	-0.9	-0.4	5.8
5/30/2020 3:12 PM	-0.2	0.7	-1	-0.4	5.8
5/30/2020 3:18 PM	-0.2	0.6	-1	-0.4	5.8
5/30/2020 3:24 PM	-0.2	0.6	-1	-0.4	5.8
5/30/2020 3:30 PM	-0.2	0.5	-1	-0.4	5.9
5/30/2020 3:36 PM	-0.2	0.4	-1	-0.4	5.9
5/30/2020 3:42 PM	-0.2	0.4	-1	-0.4	5.9
5/30/2020 3:48 PM	-0.2	0.4	-1	-0.4	5.9
5/30/2020 3:54 PM	-0.2	0.4	-1	-0.4	5.8
5/30/2020 4:00 PM	-0.2	0.5	-1	-0.4	5.7
5/30/2020 4:06 PM	-0.2	0.5	-1	-0.4	5.7
5/30/2020 4:12 PM	-0.2	0.5	-1	-0.4	5.7
5/30/2020 4:18 PM	-0.2	0.4	-1	-0.4	5.9
5/30/2020 4:24 PM	-0.2	0.4	-1	-0.4	6.1
5/30/2020 4:30 PM	-0.2	0.4	-1	-0.4	6.2
5/30/2020 4:36 PM	-0.2	0.3	-1	-0.3	6.3
5/30/2020 4:42 PM	-0.2	0.4	-1	-0.3	6.3
5/30/2020 4:48 PM	-0.2	0.3	-1	-0.3	6.2
5/30/2020 4:54 PM	-0.2	0.2	-1	-0.3	6.2
5/30/2020 5:00 PM	-0.2	0.1	-1	-0.3	6.5
5/30/2020 5:06 PM	-0.2	0.1	-1	-0.3	6.4
5/30/2020 5:12 PM	-0.2	0.2	-1	-0.4	6.3
5/30/2020 5:18 PM	-0.2	0.1	-1	-0.3	6.4
5/30/2020 5:24 PM	-0.2	0.1	-1	-0.3	6.5
5/30/2020 5:30 PM	-0.2	0.1	-1	-0.3	6.5
5/30/2020 5:36 PM	-0.2	0.2	-1	-0.3	6.7
5/30/2020 5:42 PM	-0.2	0.5	-1	-0.3	6.9
5/30/2020 5:48 PM	-0.2	9	-1	-0.3	6.9
5/30/2020 5:54 PM	-0.3	11.3	9.8	8.5	6.8
5/30/2020 6:00 PM	-0.3	4.5	7.1	10.5	6.5
5/30/2020 6:06 PM	-0.3	4.3	0.5	1.9	6.3
5/30/2020 6:12 PM	-0.3	3.8	0.1	0.9	6.4
5/30/2020 6:18 PM	-0.3	3.2	-0.2	0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 6:24 PM	-0.3	2.7	-0.5	0	6.5
5/30/2020 6:30 PM	-0.3	2.3	-0.7	-0.1	6.6
5/30/2020 6:36 PM	-0.3	2.1	-0.9	-0.2	6.6
5/30/2020 6:42 PM	-0.3	1.9	-0.9	-0.3	6.6
5/30/2020 6:48 PM	-0.3	1.7	-0.9	-0.3	6.7
5/30/2020 6:54 PM	-0.3	1.6	-1	-0.3	6.5
5/30/2020 7:00 PM	-0.3	1.6	-1	-0.3	6.4
5/30/2020 7:06 PM	-0.3	1.4	-1	-0.3	6.5
5/30/2020 7:12 PM	-0.3	1.2	-1	-0.3	6.7
5/30/2020 7:18 PM	-0.3	1.1	-1	-0.3	6.6
5/30/2020 7:24 PM	-0.3	1	-1	-0.3	6.7
5/30/2020 7:30 PM	-0.3	1	-1	-0.3	6.8
5/30/2020 7:36 PM	-0.3	1	-1	-0.3	6.8
5/30/2020 7:42 PM	-0.3	1	-1	-0.3	6.8
5/30/2020 7:48 PM	-0.3	1	-1	-0.3	6.9
5/30/2020 7:54 PM	-0.3	0.9	-1	-0.3	6.7
5/30/2020 8:00 PM	-0.3	0.9	-1	-0.3	6.3
5/30/2020 8:06 PM	-0.3	0.9	-1	-0.3	6.3
5/30/2020 8:12 PM	-0.3	0.9	-1	-0.3	6.4
5/30/2020 8:18 PM	-0.3	0.9	-1	-0.3	6.4
5/30/2020 8:24 PM	-0.3	0.9	-1	-0.3	6.3
5/30/2020 8:30 PM	-0.3	0.9	-1	-0.3	6.3
5/30/2020 8:36 PM	-0.3	0.8	-1	-0.3	6.2
5/30/2020 8:42 PM	-0.3	0.8	-1	-0.3	6.1
5/30/2020 8:48 PM	-0.3	0.8	-1	-0.3	6.1
5/30/2020 8:54 PM	-0.3	0.8	-1	-0.3	6
5/30/2020 9:00 PM	-0.3	0.7	-1	-0.3	5.9
5/30/2020 9:06 PM	-0.3	0.7	-1	-0.3	6.1
5/30/2020 9:12 PM	-0.3	0.7	-1	-0.3	6.1
5/30/2020 9:18 PM	-0.3	0.7	-1	-0.3	6.1
5/30/2020 9:24 PM	-0.3	0.7	-1	-0.3	6.3
5/30/2020 9:30 PM	-0.4	0.7	-1	-0.3	6.6
5/30/2020 9:36 PM	-0.4	0.7	-1	-0.3	6.4
5/30/2020 9:42 PM	-0.4	0.7	-1	-0.3	6.4
5/30/2020 9:48 PM	-0.4	0.7	-1	-0.2	6.5
5/30/2020 9:54 PM	-0.4	0.8	-1	-0.3	6.4
5/30/2020 10:00 PM	-0.4	0.8	-1	-0.3	6
5/30/2020 10:06 PM	-0.4	0.8	-1	-0.3	5.6
5/30/2020 10:12 PM	-0.4	0.8	-1	-0.2	5.7
5/30/2020 10:18 PM	-0.4	0.7	-1	-0.2	5.7
5/30/2020 10:24 PM	-0.4	0.7	-1	-0.2	5.9
5/30/2020 10:30 PM	-0.4	0.6	-1	-0.2	5.8
5/30/2020 10:36 PM	-0.4	0.6	-1	-0.2	5.8
5/30/2020 10:42 PM	-0.4	0.6	-1	-0.2	5.9

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/30/2020 10:48 PM	-0.4	0.5	-1	-0.2	5.7
5/30/2020 10:54 PM	-0.4	0.5	-1	-0.2	5.6
5/30/2020 11:00 PM	-0.5	0.5	-1	-0.2	5.5
5/30/2020 11:06 PM	-0.5	0.5	-1	-0.2	5.4
5/30/2020 11:12 PM	-0.5	0.5	-1	-0.2	5.4
5/30/2020 11:18 PM	-0.5	0.4	-1	-0.2	5.4
5/30/2020 11:24 PM	-0.5	0.4	-1	-0.2	5.4
5/30/2020 11:30 PM	-0.5	0.4	-1	-0.2	5.5
5/30/2020 11:36 PM	-0.5	0.4	-1	-0.2	5.5
5/30/2020 11:42 PM	-0.5	0.4	-1	-0.2	5.5
5/30/2020 11:48 PM	-0.5	0.4	-1.1	-0.2	5.5
5/30/2020 11:54 PM	-0.5	0.4	-1.1	-0.2	5.5
5/31/2020 12:00 AM	-0.5	0.5	-1.1	-0.2	5.5
5/31/2020 12:06 AM	-0.5	0.5	-1.1	-0.2	5.5
5/31/2020 12:12 AM	-0.5	0.5	-1.1	-0.2	5.3
5/31/2020 12:18 AM	-0.5	0.5	-1.1	-0.2	5.1
5/31/2020 12:24 AM	-0.5	0.5	-1.1	-0.2	5.2
5/31/2020 12:30 AM	-0.5	0.5	-1.1	-0.2	5.3
5/31/2020 12:36 AM	-0.5	0.5	-1.1	-0.2	5.3
5/31/2020 12:42 AM	-0.5	0.5	-1.1	-0.2	5.3
5/31/2020 12:48 AM	-0.5	0.4	-1.1	-0.2	5.4
5/31/2020 12:54 AM	-0.5	0.4	-1.1	-0.2	5.4
5/31/2020 1:00 AM	-0.6	0.4	-1.1	-0.2	5.4
5/31/2020 1:06 AM	-0.6	0.4	-1.1	-0.2	5.4
5/31/2020 1:12 AM	-0.6	0.4	-1.1	-0.2	5.3
5/31/2020 1:18 AM	-0.6	0.4	-1.1	-0.2	5.2
5/31/2020 1:24 AM	-0.6	0.4	-1.1	-0.2	5.1
5/31/2020 1:30 AM	-0.6	0.4	-1.1	-0.2	5.3
5/31/2020 1:36 AM	-0.6	0.4	-1.1	-0.2	5.4
5/31/2020 1:42 AM	-0.6	0.4	-1.1	-0.2	5.4
5/31/2020 1:48 AM	-0.6	0.4	-1.1	-0.2	5.4
5/31/2020 1:54 AM	-0.6	0.4	-1.1	-0.2	5.2
5/31/2020 2:00 AM	-0.6	0.4	-1.1	-0.2	5.1
5/31/2020 2:06 AM	-0.6	0.4	-1.1	-0.2	5.1
5/31/2020 2:12 AM	-0.6	0.4	-1.1	-0.2	5.1
5/31/2020 2:18 AM	-0.6	0.4	-1.1	-0.2	4.9
5/31/2020 2:24 AM	-0.6	0.4	-1.1	-0.2	4.9
5/31/2020 2:30 AM	-0.6	0.4	-1.1	-0.2	4.9
5/31/2020 2:36 AM	-0.6	0.4	-1.1	-0.2	4.8
5/31/2020 2:42 AM	-0.6	0.3	-1.1	-0.2	4.8
5/31/2020 2:48 AM	-0.6	0.3	-1.1	-0.2	4.8
5/31/2020 2:54 AM	-0.6	0.3	-1.1	-0.2	4.8
5/31/2020 3:00 AM	-0.6	0.3	-1.1	-0.2	4.8
5/31/2020 3:06 AM	-0.7	0.3	-1.1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/31/2020 3:12 AM	-0.7	0.3	-1.1	-0.2	4.8
5/31/2020 3:18 AM	-0.7	0.3	-1.1	-0.2	4.6
5/31/2020 3:24 AM	-0.7	0.3	-1.1	-0.2	4.7
5/31/2020 3:30 AM	-0.7	0.3	-1.1	-0.2	5
5/31/2020 3:36 AM	-0.7	0.3	-1.1	-0.2	5.1
5/31/2020 3:42 AM	-0.7	0.3	-1.1	-0.2	4.7
5/31/2020 3:48 AM	-0.7	0.3	-1.1	-0.2	2.8
5/31/2020 3:54 AM	-0.7	0.3	-1.1	-0.2	1.8
5/31/2020 4:00 AM	-0.7	0.3	-1.1	-0.2	1.8
5/31/2020 4:06 AM	-0.7	0.3	-1.1	-0.2	1.9
5/31/2020 4:12 AM	-0.7	0.3	-1.1	-0.2	1.9
5/31/2020 4:18 AM	-0.7	0.3	-1.1	-0.2	1.9
5/31/2020 4:24 AM	-0.7	0.3	-1.1	-0.2	1.9
5/31/2020 4:30 AM	-0.7	0.3	-1.1	-0.2	2
5/31/2020 4:36 AM	-0.7	0.3	-1.1	-0.2	2
5/31/2020 4:42 AM	-0.7	0.4	-1.1	-0.2	2
5/31/2020 4:48 AM	-0.7	0.4	-1.2	-0.2	2
5/31/2020 4:54 AM	-0.7	0.6	-1.2	-0.2	2
5/31/2020 5:00 AM	-0.7	0.9	-1.2	-0.2	2
5/31/2020 5:06 AM	-0.7	1	-1.2	-0.2	2
5/31/2020 5:12 AM	-0.7	1.2	-1.2	-0.2	2
5/31/2020 5:18 AM	-0.7	1.3	-1.3	-0.2	2
5/31/2020 5:24 AM	-0.7	1.3	-1.3	-0.2	2
5/31/2020 5:30 AM	-0.7	1.3	-1.3	-0.2	2
5/31/2020 5:36 AM	-0.7	1.4	-1.3	-0.2	2
5/31/2020 5:42 AM	-0.7	1.4	-1.3	-0.2	2
5/31/2020 5:48 AM	-0.7	1.3	-1.3	-0.2	2
5/31/2020 5:54 AM	-0.7	1.2	-1.3	-0.2	2
5/31/2020 6:00 AM	-0.7	1.1	-1.3	-0.2	2
5/31/2020 6:06 AM	-0.7	1	-1.3	-0.2	2
5/31/2020 6:12 AM	-0.7	1	-1.3	-0.2	2
5/31/2020 6:18 AM	-0.7	1	-1.3	-0.2	2
5/31/2020 6:24 AM	-0.7	0.9	-1.3	-0.2	2
5/31/2020 6:30 AM	-0.7	0.8	-1.3	-0.2	1.9
5/31/2020 6:36 AM	-0.7	0.7	-1.3	-0.2	1.9
5/31/2020 6:42 AM	-0.7	0.6	-1.3	-0.2	1.9
5/31/2020 6:48 AM	-0.7	0.6	-1.3	-0.2	2
5/31/2020 6:54 AM	-0.7	0.5	-1.3	-0.3	2
5/31/2020 7:00 AM	-0.7	0.4	-1.3	-0.3	2
5/31/2020 7:06 AM	-0.7	0.4	-1.2	-0.3	2
5/31/2020 7:12 AM	-0.7	0.2	-1.2	-0.3	2.5
5/31/2020 7:18 AM	-0.7	-0.1	-1.2	-0.3	3
5/31/2020 7:24 AM	-0.7	-0.1	-1.2	-0.3	2.8
5/31/2020 7:30 AM	-0.7	-0.1	-1.2	-0.3	2.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/31/2020 7:36 AM	-0.7	-0.2	-1.2	-0.3	2.8
5/31/2020 7:42 AM	-0.7	-0.2	-1.2	-0.3	2.8
5/31/2020 7:48 AM	-0.7	-0.2	-1.2	-0.3	2.8
5/31/2020 7:54 AM	-0.7	-0.2	-1.2	-0.3	2.8
5/31/2020 8:00 AM	-0.7	-0.3	-1.2	-0.3	2.8
5/31/2020 8:06 AM	-0.6	-0.3	-1.2	-0.3	2.8
5/31/2020 8:12 AM	-0.6	-0.4	-1.2	-0.3	2.7
5/31/2020 8:18 AM	-0.6	-0.4	-1.2	-0.3	2.7
5/31/2020 8:24 AM	-0.6	-0.3	-1.2	-0.3	2.7
5/31/2020 8:30 AM	-0.6	-0.4	-1.2	-0.3	2.8
5/31/2020 8:36 AM	-0.6	-0.4	-1.1	-0.3	2.8
5/31/2020 8:42 AM	-0.6	-0.5	-1.1	-0.3	2.8
5/31/2020 8:48 AM	-0.6	-0.5	-1	-0.3	2.7
5/31/2020 8:54 AM	-0.6	-0.5	-1	-0.3	2.7
5/31/2020 9:00 AM	-0.6	-0.5	-1	-0.3	2.8
5/31/2020 9:06 AM	-0.5	-0.4	-1	-0.3	2.7
5/31/2020 9:12 AM	-0.5	-0.4	-1	-0.3	2.7
5/31/2020 9:18 AM	-0.5	-0.4	-1	-0.3	2.6
5/31/2020 9:24 AM	-0.5	-0.3	-1	-0.3	2.6
5/31/2020 9:30 AM	-0.5	-0.3	-1	-0.3	2.7
5/31/2020 9:36 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 9:42 AM	-0.5	-0.2	-1	-0.2	2.6
5/31/2020 9:48 AM	-0.5	-0.2	-1	-0.2	2.6
5/31/2020 9:54 AM	-0.5	-0.2	-1	-0.2	2.7
5/31/2020 10:00 AM	-0.5	-0.3	-1	-0.2	2.6
5/31/2020 10:06 AM	-0.5	-0.2	-1	-0.2	2.6
5/31/2020 10:12 AM	-0.5	-0.2	-1	-0.2	2.6
5/31/2020 10:18 AM	-0.5	-0.2	-1	-0.2	2.7
5/31/2020 10:24 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 10:30 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 10:36 AM	-0.5	-0.4	-1	-0.2	2.7
5/31/2020 10:42 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 10:48 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 10:54 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 11:00 AM	-0.5	-0.3	-0.9	-0.2	2.8
5/31/2020 11:06 AM	-0.5	-0.3	-0.9	-0.2	2.8
5/31/2020 11:12 AM	-0.5	-0.3	-1	-0.2	2.7
5/31/2020 11:18 AM	-0.5	-0.3	-1	-0.2	2.8
5/31/2020 11:24 AM	-0.5	-0.3	-1	-0.2	3.7
5/31/2020 11:30 AM	-0.5	-0.2	-1	-0.2	5.2
5/31/2020 11:36 AM	-0.5	-0.3	-1	-0.2	5.5
5/31/2020 11:42 AM	-0.5	-0.2	-1	-0.2	5.4
5/31/2020 11:48 AM	-0.5	-0.1	-1	-0.2	5.3
5/31/2020 11:54 AM	-0.5	-0.1	-0.9	-0.2	5.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/31/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
5/31/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
5/31/2020 12:12 PM	-0.3	-0.2	-0.8	-0.2	5.1
5/31/2020 12:18 PM	-0.3	-0.1	-0.8	-0.2	5.1
5/31/2020 12:24 PM	-0.3	0.1	-0.8	-0.2	5
5/31/2020 12:30 PM	-0.3	0.1	-0.8	-0.2	4.8
5/31/2020 12:36 PM	-0.3	0.2	-0.8	-0.2	4.7
5/31/2020 12:42 PM	-0.3	0.3	-0.8	-0.2	4.8
5/31/2020 12:48 PM	-0.3	0.3	-0.8	-0.2	4.8
5/31/2020 12:54 PM	-0.3	0.2	-0.8	-0.2	4.7
5/31/2020 1:00 PM	-0.3	0.1	-0.8	-0.2	4.7
5/31/2020 1:06 PM	-0.3	0.1	-0.8	-0.2	4.7
5/31/2020 1:12 PM	-0.3	0.1	-0.8	-0.2	4.7
5/31/2020 1:18 PM	-0.3	0.2	-0.8	-0.2	4.8
5/31/2020 1:24 PM	-0.3	0.3	-0.8	-0.2	4.8
5/31/2020 1:30 PM	-0.3	0.4	-0.8	-0.2	4.8
5/31/2020 1:36 PM	-0.3	0.4	-0.9	-0.2	4.8
5/31/2020 1:42 PM	-0.3	0.4	-0.9	-0.2	4.9
5/31/2020 1:48 PM	-0.3	0.5	-0.9	-0.1	4.8
5/31/2020 1:54 PM	-0.3	0.5	-0.9	-0.1	4.7
5/31/2020 2:00 PM	-0.3	0.5	-0.9	-0.1	4.9
5/31/2020 2:06 PM	-0.3	0.5	-0.9	-0.2	5
5/31/2020 2:12 PM	-0.3	0.5	-0.9	-0.2	5
5/31/2020 2:18 PM	-0.3	0.6	-0.9	-0.2	4.9
5/31/2020 2:24 PM	-0.3	0.6	-0.9	9.2	4.6
5/31/2020 2:30 PM	-0.3	0.7	-0.9	19.6	2.7
5/31/2020 2:36 PM	-0.3	1	-0.9	15.8	1.6
5/31/2020 2:42 PM	-0.3	1.1	-0.9	12.1	2
5/31/2020 2:48 PM	-0.3	1.2	-0.9	11.4	2.2
5/31/2020 2:54 PM	-0.3	1.2	-0.9	13.1	2.2
5/31/2020 3:00 PM	-0.3	1.2	-0.9	13.2	2.2
5/31/2020 3:06 PM	-0.3	1.1	-0.9	11.1	2.3
5/31/2020 3:12 PM	-0.3	1.1	-0.9	9.5	2.3
5/31/2020 3:18 PM	-0.3	1	-0.9	8.5	2.3
5/31/2020 3:24 PM	-0.3	0.9	-0.9	7.8	2.3
5/31/2020 3:30 PM	-0.3	0.9	-0.9	7.4	2.3
5/31/2020 3:36 PM	-0.4	0.8	-0.9	7.5	2.3
5/31/2020 3:42 PM	-0.4	0.7	-0.9	7.7	2.2
5/31/2020 3:48 PM	-0.4	0.6	-0.9	7.8	2.2
5/31/2020 3:54 PM	-0.4	0.6	-0.9	7.4	2.2
5/31/2020 4:00 PM	-0.4	0.7	-1	5	1.9
5/31/2020 4:06 PM	-0.4	0.8	-1	3.4	1.8
5/31/2020 4:12 PM	-0.4	0.9	-1	3.4	1.9
5/31/2020 4:18 PM	-0.4	0.9	-0.9	3.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/31/2020 4:24 PM	-0.4	1.1	-0.9	3.3	2
5/31/2020 4:30 PM	-0.4	1.3	-0.9	3.4	2
5/31/2020 4:36 PM	-0.4	1.7	-0.9	3.4	2
5/31/2020 4:42 PM	-0.4	1.8	-0.9	3.4	2.1
5/31/2020 4:48 PM	-0.4	1.6	-0.9	3.3	2.1
5/31/2020 4:54 PM	-0.4	1.4	-0.9	3	2.1
5/31/2020 5:00 PM	-0.4	1.3	-0.9	2.5	2.1
5/31/2020 5:06 PM	-0.4	0.9	-0.9	2.4	2
5/31/2020 5:12 PM	-0.4	0.6	-0.9	2.3	2
5/31/2020 5:18 PM	-0.4	0.5	-0.9	2.4	2
5/31/2020 5:24 PM	-0.4	0.5	-0.9	2.4	2
5/31/2020 5:30 PM	-0.4	0.5	-0.9	2.3	2
5/31/2020 5:36 PM	-0.4	0.3	-0.9	2.3	2
5/31/2020 5:42 PM	-0.4	0.3	-0.9	2.4	2
5/31/2020 5:48 PM	-0.4	0.3	-0.9	2.3	2
5/31/2020 5:54 PM	-0.4	0.2	-0.9	2.3	2
5/31/2020 6:00 PM	-0.4	0.2	-0.9	2.4	2
5/31/2020 6:06 PM	-0.4	0.2	-0.9	2.4	2
5/31/2020 6:12 PM	-0.4	0.2	-0.9	2.4	2
5/31/2020 6:18 PM	-0.4	0.3	-0.9	2.4	2
5/31/2020 6:24 PM	-0.4	0.4	-0.9	2.3	2
5/31/2020 6:30 PM	-0.4	0.5	-0.9	2.3	2
5/31/2020 6:36 PM	-0.4	0.6	-0.9	2.4	2
5/31/2020 6:42 PM	-0.4	0.7	-0.9	2.5	2
5/31/2020 6:48 PM	-0.4	0.7	-0.9	2.3	2
5/31/2020 6:54 PM	-0.4	0.8	-1	2.3	2.1
5/31/2020 7:00 PM	-0.4	0.8	-1	2.1	2.8
5/31/2020 7:06 PM	-0.4	0.8	-1	0.6	4.5
5/31/2020 7:12 PM	-0.4	0.8	-1	-0.4	4.6
5/31/2020 7:18 PM	-0.4	0.8	-1	-0.3	4.1
5/31/2020 7:24 PM	-0.4	0.8	-1	-0.3	4
5/31/2020 7:30 PM	-0.4	0.8	-1	-0.3	3.8
5/31/2020 7:36 PM	-0.4	0.8	-1	-0.3	3
5/31/2020 7:42 PM	-0.4	0.8	-1	-0.3	2.4
5/31/2020 7:48 PM	-0.4	0.7	-1	-0.4	2.4
5/31/2020 7:54 PM	-0.4	0.7	-1	-0.4	2.3
5/31/2020 8:00 PM	-0.4	0.7	-1	-0.4	2.3
5/31/2020 8:06 PM	-0.4	0.7	-1	-0.4	2.3
5/31/2020 8:12 PM	-0.5	0.7	-1	-0.3	2.3
5/31/2020 8:18 PM	-0.5	0.7	-1	-0.3	2.4
5/31/2020 8:24 PM	-0.5	0.7	-1	-0.3	2.4
5/31/2020 8:30 PM	-0.5	0.7	-1	-0.3	2.4
5/31/2020 8:36 PM	-0.5	0.7	-1	-0.3	2.3
5/31/2020 8:42 PM	-0.5	0.7	-1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
5/31/2020 8:48 PM	-0.5	0.7	-1	-0.3	2.4
5/31/2020 8:54 PM	-0.5	0.7	-1	-0.3	2.3
5/31/2020 9:00 PM	-0.5	0.6	-1	-0.3	2.4
5/31/2020 9:06 PM	-0.5	0.6	-1	-0.3	2.4
5/31/2020 9:12 PM	-0.5	0.6	-1	-0.3	2.4
5/31/2020 9:18 PM	-0.5	0.6	-1	-0.3	2.4
5/31/2020 9:24 PM	-0.5	0.6	-1	-0.4	2.3
5/31/2020 9:30 PM	-0.5	0.6	-1	-0.4	2.3
5/31/2020 9:36 PM	-0.5	0.5	-1	-0.4	2.3
5/31/2020 9:42 PM	-0.5	0.5	-1	-0.3	2.3
5/31/2020 9:48 PM	-0.5	0.5	-1	-0.4	2.3
5/31/2020 9:54 PM	-0.5	0.5	-1	-0.4	2.3
5/31/2020 10:00 PM	-0.5	0.5	-1	-0.3	2.4
5/31/2020 10:06 PM	-0.5	0.5	-1	-0.3	2.4
5/31/2020 10:12 PM	-0.5	0.5	-1	-0.4	2.8
5/31/2020 10:18 PM	-0.5	0.5	-1	-0.4	3.5
5/31/2020 10:24 PM	-0.5	0.5	-1	-0.3	5.1
5/31/2020 10:30 PM	-0.5	0.5	-1	-0.3	6.8
5/31/2020 10:36 PM	-0.5	0.5	-1	-0.3	6.6
5/31/2020 10:42 PM	-0.5	0.5	-1	-0.3	6.2
5/31/2020 10:48 PM	-0.5	0.5	-1	-0.3	6
5/31/2020 10:54 PM	-0.5	0.5	-1	-0.3	5.8
5/31/2020 11:00 PM	-0.5	0.5	-1	-0.3	5.7
5/31/2020 11:06 PM	-0.5	0.5	-1	-0.3	5.7
5/31/2020 11:12 PM	-0.6	0.5	-1	-0.3	5.7
5/31/2020 11:18 PM	-0.6	0.5	-1	-0.3	5.7
5/31/2020 11:24 PM	-0.6	0.5	-1	-0.3	5.5
5/31/2020 11:30 PM	-0.6	0.5	-1	-0.3	5.3
5/31/2020 11:36 PM	-0.6	0.5	-1	-0.3	5.4
5/31/2020 11:42 PM	-0.6	0.5	-1	-0.3	5.5
5/31/2020 11:48 PM	-0.6	0.5	-1	-0.3	5.6
5/31/2020 11:54 PM	-0.6	0.5	-1	-0.3	5.5
6/1/2020 12:00 AM	-0.6	0.5	-1	-0.3	5.6
6/1/2020 12:06 AM	-0.6	0.5	-1	-0.3	5.6
6/1/2020 12:12 AM	-0.6	0.5	-1	-0.3	5.6
6/1/2020 12:18 AM	-0.6	0.5	-1	-0.3	5.7
6/1/2020 12:24 AM	-0.6	0.5	-1	-0.3	5.6
6/1/2020 12:30 AM	-0.6	0.5	-1	-0.3	5.7
6/1/2020 12:36 AM	-0.6	0.6	-1	-0.3	5.6
6/1/2020 12:42 AM	-0.6	0.6	-1	-0.3	5.6
6/1/2020 12:48 AM	-0.6	0.6	-1	-0.3	5.6
6/1/2020 12:54 AM	-0.6	0.6	-1	-0.3	5.5
6/1/2020 1:00 AM	-0.6	0.6	-1	-0.3	5.3
6/1/2020 1:06 AM	-0.6	0.6	-1	-0.3	5.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 1:12 AM	-0.6	0.6	-1	-0.3	5.1
6/1/2020 1:18 AM	-0.6	0.6	-1	-0.3	3.2
6/1/2020 1:24 AM	-0.6	0.6	-1	-0.3	1.8
6/1/2020 1:30 AM	-0.6	0.6	-1	-0.3	1.8
6/1/2020 1:36 AM	-0.6	0.6	-1	-0.3	1.8
6/1/2020 1:42 AM	-0.6	0.6	-1	-0.3	1.8
6/1/2020 1:48 AM	-0.6	0.6	-1	-0.3	1.9
6/1/2020 1:54 AM	-0.6	0.6	-1	-0.3	1.9
6/1/2020 2:00 AM	-0.6	0.6	-1	-0.3	1.9
6/1/2020 2:06 AM	-0.6	0.6	-1	-0.3	1.9
6/1/2020 2:12 AM	-0.6	0.6	-1	-0.3	2
6/1/2020 2:18 AM	-0.6	0.6	-1	-0.3	2
6/1/2020 2:24 AM	-0.6	0.6	-1	-0.3	2
6/1/2020 2:30 AM	-0.6	0.6	-1	-0.3	2
6/1/2020 2:36 AM	-0.6	0.6	-1	-0.3	2.1
6/1/2020 2:42 AM	-0.6	0.6	-1	-0.3	2.1
6/1/2020 2:48 AM	-0.6	0.5	-1.1	-0.3	2
6/1/2020 2:54 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:00 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:06 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:12 AM	-0.6	0.5	-1	-0.3	2.1
6/1/2020 3:18 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:24 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:30 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 3:36 AM	-0.6	0.4	-1	-0.3	2.1
6/1/2020 3:42 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 3:48 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 3:54 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 4:00 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 4:06 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 4:12 AM	-0.6	0.4	-1.1	-0.3	2.1
6/1/2020 4:18 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 4:24 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 4:30 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 4:36 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 4:42 AM	-0.6	0.5	-1.1	-0.3	2.1
6/1/2020 4:48 AM	-0.6	0.6	-1.1	-0.3	2.2
6/1/2020 4:54 AM	-0.6	0.8	-1.1	-0.3	2.1
6/1/2020 5:00 AM	-0.7	1.1	-1.1	-0.3	2.1
6/1/2020 5:06 AM	-0.7	1.2	-1.1	-0.3	2.1
6/1/2020 5:12 AM	-0.7	1.3	-1.1	-0.3	2.1
6/1/2020 5:18 AM	-0.7	1.3	-1.2	-0.3	2.2
6/1/2020 5:24 AM	-0.7	1.4	-1.1	-0.3	2.2
6/1/2020 5:30 AM	-0.7	1.4	-1.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 5:36 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 5:42 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 5:48 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 5:54 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 6:00 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 6:06 AM	-0.7	1.4	-1.2	-0.3	2.2
6/1/2020 6:12 AM	-0.7	1.3	-1.2	-0.3	2.2
6/1/2020 6:18 AM	-0.7	1.2	-1.2	-0.3	2.2
6/1/2020 6:24 AM	-0.7	1.1	-1.2	-0.3	2.2
6/1/2020 6:30 AM	-0.7	1	-1.2	-0.3	2.2
6/1/2020 6:36 AM	-0.7	0.9	-1.2	-0.4	2.2
6/1/2020 6:42 AM	-0.7	0.8	-1.2	-0.4	2.2
6/1/2020 6:48 AM	-0.7	0.8	-1.1	-0.4	2.3
6/1/2020 6:54 AM	-0.7	0.7	-1.2	-0.4	3.6
6/1/2020 7:00 AM	-0.7	0.6	-1.1	-0.4	6.2
6/1/2020 7:06 AM	-0.7	0.6	-1.1	-0.4	7.1
6/1/2020 7:12 AM	-0.6	0.6	-1.1	-0.4	7.2
6/1/2020 7:18 AM	-0.6	0.4	-1.1	-0.4	7.1
6/1/2020 7:24 AM	-0.6	0.3	-1.1	-0.4	6.6
6/1/2020 7:30 AM	-0.6	0.3	-1.1	-0.4	5.9
6/1/2020 7:36 AM	-0.6	0.3	-1.1	-0.4	5.5
6/1/2020 7:42 AM	-0.6	0.2	-1.1	-0.4	5.2
6/1/2020 7:48 AM	-0.6	0.2	-1.1	-0.4	5.2
6/1/2020 7:54 AM	-0.6	0.2	-1.1	-0.4	5.4
6/1/2020 8:00 AM	-0.5	0.1	-1.1	-0.4	5.6
6/1/2020 8:06 AM	-0.5	0	-1.1	-0.4	5.5
6/1/2020 8:12 AM	-0.5	0	-1.1	-0.4	5.4
6/1/2020 8:18 AM	-0.5	0	-1	-0.4	5.2
6/1/2020 8:24 AM	-0.5	0	-1	-0.4	5.3
6/1/2020 8:30 AM	-0.5	-0.1	-1	-0.4	5.3
6/1/2020 8:36 AM	-0.5	-0.1	-1	-0.4	5.4
6/1/2020 8:42 AM	-0.5	-0.2	-0.9	-0.4	5.4
6/1/2020 8:48 AM	-0.4	-0.2	-0.9	-0.4	5.3
6/1/2020 8:54 AM	-0.4	-0.2	-0.8	-0.4	5.3
6/1/2020 9:00 AM	-0.4	-0.3	-0.8	-0.4	5.2
6/1/2020 9:06 AM	-0.4	-0.3	-0.8	-0.4	5
6/1/2020 9:12 AM	-0.4	-0.3	-0.8	-0.4	5.1
6/1/2020 9:18 AM	-0.4	-0.3	-0.8	-0.4	5.1
6/1/2020 9:24 AM	-0.4	-0.2	-0.8	-0.4	5
6/1/2020 9:30 AM	-0.4	-0.2	-0.8	-0.4	5
6/1/2020 9:36 AM	-0.4	-0.2	-0.8	-0.4	5
6/1/2020 9:42 AM	-0.4	-0.1	-0.8	-0.4	5
6/1/2020 9:48 AM	-0.4	0	-0.9	-0.3	5
6/1/2020 9:54 AM	-0.4	0	-0.9	-0.3	5.1

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 10:00 AM	-0.4	0	-0.9	-0.3	5.1
6/1/2020 10:06 AM	-0.4	0	-0.9	-0.3	5.2
6/1/2020 10:12 AM	-0.4	0	-0.9	-0.3	5.2
6/1/2020 10:18 AM	-0.4	0	-0.9	-0.3	5.1
6/1/2020 10:24 AM	-0.4	0.1	-0.9	-0.3	5.1
6/1/2020 10:30 AM	-0.4	0	-0.9	-0.4	5.2
6/1/2020 10:36 AM	-0.4	0	-0.9	-0.3	5.3
6/1/2020 10:42 AM	-0.4	0	-0.8	-0.3	5.4
6/1/2020 10:48 AM	-0.4	0	-0.8	-0.3	5.6
6/1/2020 10:54 AM	-0.4	-0.1	-0.8	-0.3	5.5
6/1/2020 11:00 AM	-0.4	-0.1	-0.8	-0.3	5.5
6/1/2020 11:06 AM	-0.4	0	-0.8	-0.3	5.6
6/1/2020 11:12 AM	-0.4	0	-0.8	-0.3	5.5
6/1/2020 11:18 AM	-0.4	0.1	-0.8	-0.3	5.4
6/1/2020 11:24 AM	-0.4	0.2	-0.8	-0.3	5.4
6/1/2020 11:30 AM	-0.4	0.2	-0.8	-0.4	5.4
6/1/2020 11:36 AM	-0.4	0.2	-0.8	-0.4	5.4
6/1/2020 11:42 AM	-0.4	0.3	-0.8	-0.4	5.4
6/1/2020 11:48 AM	-0.4	0.3	-0.8	-0.4	5.4
6/1/2020 11:54 AM	-0.4	0.3	-0.8	-0.4	5.5
6/1/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/1/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/1/2020 12:12 PM	-0.3	0.3	-0.8	-0.3	5.5
6/1/2020 12:18 PM	-0.3	0.4	-0.8	-0.3	5.4
6/1/2020 12:24 PM	-0.3	0.4	-0.8	-0.3	5.4
6/1/2020 12:30 PM	-0.3	0.4	-0.8	-0.3	5.5
6/1/2020 12:36 PM	-0.3	0.4	-0.8	-0.3	5.4
6/1/2020 12:42 PM	-0.3	0.4	-0.8	-0.3	5.5
6/1/2020 12:48 PM	-0.3	0.4	-0.8	-0.3	5.5
6/1/2020 12:54 PM	-0.3	0.3	-0.8	-0.3	5.4
6/1/2020 1:00 PM	-0.3	0.3	-0.8	-0.3	5.4
6/1/2020 1:06 PM	-0.3	0.4	-0.8	-0.3	5.4
6/1/2020 1:12 PM	-0.3	0.4	-0.8	-0.3	5.4
6/1/2020 1:18 PM	-0.3	0.5	-0.8	-0.3	5.4
6/1/2020 1:24 PM	-0.3	0.5	-0.8	-0.3	5.4
6/1/2020 1:30 PM	-0.3	0.4	-0.8	-0.3	5.5
6/1/2020 1:36 PM	-0.3	0.4	-0.8	-0.3	5.6
6/1/2020 1:42 PM	-0.3	0.4	-0.8	-0.3	5.7
6/1/2020 1:48 PM	-0.3	0.4	-0.8	-0.3	5.7
6/1/2020 1:54 PM	-0.3	0.3	-0.8	-0.3	5.8
6/1/2020 2:00 PM	-0.3	0.2	-0.8	-0.3	5.7
6/1/2020 2:06 PM	-0.3	0.2	-0.8	-0.3	5.6
6/1/2020 2:12 PM	-0.3	0.4	-0.8	-0.3	5.7
6/1/2020 2:18 PM	-0.2	0.5	-0.8	-0.3	5.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 2:24 PM	-0.2	0.6	-0.8	-0.3	5.8
6/1/2020 2:30 PM	-0.2	0.6	-0.8	-0.3	5.7
6/1/2020 2:36 PM	-0.2	0.7	-0.8	-0.3	5.7
6/1/2020 2:42 PM	-0.2	0.8	-0.8	-0.3	5.7
6/1/2020 2:48 PM	-0.2	0.9	-0.8	-0.3	5.7
6/1/2020 2:54 PM	-0.2	0.9	-0.8	-0.3	5.7
6/1/2020 3:00 PM	-0.2	0.9	-0.8	-0.3	5.7
6/1/2020 3:06 PM	-0.2	0.9	-0.8	-0.3	5.6
6/1/2020 3:12 PM	-0.2	0.8	-0.8	-0.3	5.5
6/1/2020 3:18 PM	-0.2	0.7	-0.9	-0.3	5.4
6/1/2020 3:24 PM	-0.2	0.8	-0.9	-0.3	5.5
6/1/2020 3:30 PM	-0.2	0.8	-0.9	-0.3	5.5
6/1/2020 3:36 PM	-0.3	0.8	-0.9	-0.3	5.5
6/1/2020 3:42 PM	-0.3	0.8	-0.9	-0.3	5.5
6/1/2020 3:48 PM	-0.3	0.9	-0.9	-0.3	5.7
6/1/2020 3:54 PM	-0.3	0.9	-0.9	-0.3	5.5
6/1/2020 4:00 PM	-0.3	1	-0.9	-0.2	5.4
6/1/2020 4:06 PM	-0.3	0.9	-0.9	-0.3	5.4
6/1/2020 4:12 PM	-0.3	0.7	-0.9	-0.3	5.5
6/1/2020 4:18 PM	-0.3	0.4	-0.9	-0.3	5.5
6/1/2020 4:24 PM	-0.3	0.4	-0.9	-0.3	5.5
6/1/2020 4:30 PM	-0.3	0.5	-0.9	-0.3	5.5
6/1/2020 4:36 PM	-0.3	0.6	-0.9	-0.3	5.6
6/1/2020 4:42 PM	-0.3	0.5	-0.9	-0.3	5.5
6/1/2020 4:48 PM	-0.3	0.5	-0.9	-0.2	5.6
6/1/2020 4:54 PM	-0.3	0.5	-0.9	-0.2	5.7
6/1/2020 5:00 PM	-0.3	0.5	-0.9	-0.2	5.6
6/1/2020 5:06 PM	-0.3	0.6	-0.9	-0.2	5.5
6/1/2020 5:12 PM	-0.3	0.8	-0.9	-0.2	5.5
6/1/2020 5:18 PM	-0.3	1.1	-0.9	-0.2	5.6
6/1/2020 5:24 PM	-0.3	1.5	-0.9	-0.2	5.7
6/1/2020 5:30 PM	-0.3	1.9	-0.9	-0.2	5.7
6/1/2020 5:36 PM	-0.3	2.1	-0.9	-0.2	5.6
6/1/2020 5:42 PM	-0.3	2	-0.9	-0.2	5.4
6/1/2020 5:48 PM	-0.3	2	-0.9	-0.2	5.5
6/1/2020 5:54 PM	-0.3	2	-0.9	-0.2	5.7
6/1/2020 6:00 PM	-0.3	1.9	-0.9	-0.2	5.6
6/1/2020 6:06 PM	-0.3	1.9	-0.9	-0.2	5.5
6/1/2020 6:12 PM	-0.3	1.8	-0.9	-0.2	5.4
6/1/2020 6:18 PM	-0.3	1.7	-0.9	-0.2	5.3
6/1/2020 6:24 PM	-0.3	1.7	-0.9	-0.2	5.3
6/1/2020 6:30 PM	-0.3	1.7	-0.9	-0.2	5.3
6/1/2020 6:36 PM	-0.3	1.7	-0.9	-0.2	5.4
6/1/2020 6:42 PM	-0.3	1.7	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 6:48 PM	-0.3	1.7	-0.9	-0.2	5.4
6/1/2020 6:54 PM	-0.3	1.7	-0.9	-0.2	5.6
6/1/2020 7:00 PM	-0.3	1.8	-0.9	-0.2	5.6
6/1/2020 7:06 PM	-0.3	1.8	-0.9	-0.2	5.4
6/1/2020 7:12 PM	-0.2	1.7	-0.9	-0.2	5.4
6/1/2020 7:18 PM	-0.2	1.7	-0.8	-0.2	5.4
6/1/2020 7:24 PM	-0.3	1.6	-0.8	-0.2	5.3
6/1/2020 7:30 PM	-0.3	1.6	-0.9	-0.2	5.2
6/1/2020 7:36 PM	-0.3	1.5	-0.9	-0.2	5.2
6/1/2020 7:42 PM	-0.3	1.5	-0.9	-0.2	5.2
6/1/2020 7:48 PM	-0.3	1.5	-0.9	-0.2	5.2
6/1/2020 7:54 PM	-0.3	1.6	-0.9	-0.2	5.3
6/1/2020 8:00 PM	-0.3	1.6	-0.9	-0.2	5.4
6/1/2020 8:06 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 8:12 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 8:18 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 8:24 PM	-0.3	1.6	-0.9	-0.2	5.4
6/1/2020 8:30 PM	-0.3	1.6	-0.9	-0.2	5.4
6/1/2020 8:36 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 8:42 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 8:48 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 8:54 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 9:00 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 9:06 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 9:12 PM	-0.3	1.5	-0.9	-0.2	5.4
6/1/2020 9:18 PM	-0.3	1.5	-0.9	-0.2	5.4
6/1/2020 9:24 PM	-0.3	1.5	-0.9	-0.2	5.3
6/1/2020 9:30 PM	-0.3	1.5	-0.9	-0.2	5.5
6/1/2020 9:36 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 9:42 PM	-0.3	1.6	-0.9	-0.2	5.6
6/1/2020 9:48 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 9:54 PM	-0.3	1.6	-0.9	-0.2	5.5
6/1/2020 10:00 PM	-0.3	1.5	-0.9	-0.2	5.5
6/1/2020 10:06 PM	-0.3	1.4	-0.9	-0.2	5.4
6/1/2020 10:12 PM	-0.3	1.3	-0.9	-0.2	5.4
6/1/2020 10:18 PM	-0.3	1.3	-0.9	-0.2	5.5
6/1/2020 10:24 PM	-0.3	1.2	-0.9	-0.2	5.5
6/1/2020 10:30 PM	-0.3	1.2	-0.9	-0.2	5.6
6/1/2020 10:36 PM	-0.3	1.1	-0.9	-0.2	5.7
6/1/2020 10:42 PM	-0.3	1.1	-0.9	-0.2	5.6
6/1/2020 10:48 PM	-0.3	1.1	-0.9	-0.2	5.5
6/1/2020 10:54 PM	-0.4	1.1	-0.9	-0.2	5.5
6/1/2020 11:00 PM	-0.4	1.1	-0.9	-0.2	5.6
6/1/2020 11:06 PM	-0.4	1.1	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/1/2020 11:12 PM	-0.4	1.1	-0.9	-0.2	5.3
6/1/2020 11:18 PM	-0.4	1.1	-0.9	-0.2	5.4
6/1/2020 11:24 PM	-0.4	1	-0.9	-0.2	5.5
6/1/2020 11:30 PM	-0.4	1	-0.9	-0.2	5.6
6/1/2020 11:36 PM	-0.4	1	-0.9	-0.2	5.6
6/1/2020 11:42 PM	-0.4	1	-0.9	-0.2	5.5
6/1/2020 11:48 PM	-0.4	1	-0.9	-0.2	5.4
6/1/2020 11:54 PM	-0.4	1	-0.9	-0.2	5.4
6/2/2020 12:00 AM	-0.4	1	-0.9	-0.2	5.3
6/2/2020 12:06 AM	-0.4	1	-0.9	-0.2	5.2
6/2/2020 12:12 AM	-0.4	1	-0.9	-0.2	5.2
6/2/2020 12:18 AM	-0.4	1	-0.9	-0.2	5.2
6/2/2020 12:24 AM	-0.4	1.1	-0.9	-0.2	5.3
6/2/2020 12:30 AM	-0.4	1.1	-0.9	-0.2	5.3
6/2/2020 12:36 AM	-0.4	1.1	-0.9	-0.2	4.9
6/2/2020 12:42 AM	-0.4	1.2	-0.9	-0.2	3
6/2/2020 12:48 AM	-0.4	1.2	-0.9	-0.2	1.8
6/2/2020 12:54 AM	-0.4	1.2	-0.9	-0.2	1.9
6/2/2020 1:00 AM	-0.4	1.3	-0.9	-0.2	1.9
6/2/2020 1:06 AM	-0.4	1.3	-0.9	-0.2	2
6/2/2020 1:12 AM	-0.4	1.3	-0.9	-0.2	2
6/2/2020 1:18 AM	-0.4	1.3	-0.9	-0.2	2
6/2/2020 1:24 AM	-0.4	1.3	-0.9	-0.2	2
6/2/2020 1:30 AM	-0.4	1.2	-0.9	-0.2	2.1
6/2/2020 1:36 AM	-0.4	1.2	-0.9	-0.2	2.1
6/2/2020 1:42 AM	-0.4	1.2	-0.9	-0.2	2
6/2/2020 1:48 AM	-0.4	1.1	-0.9	-0.2	2
6/2/2020 1:54 AM	-0.4	1.1	-0.9	-0.2	2
6/2/2020 2:00 AM	-0.4	1.1	-0.9	-0.2	2.1
6/2/2020 2:06 AM	-0.4	1.1	-0.9	-0.2	2.1
6/2/2020 2:12 AM	-0.4	1	-0.9	-0.2	2.1
6/2/2020 2:18 AM	-0.4	1	-0.9	-0.2	2.1
6/2/2020 2:24 AM	-0.4	1	-0.9	-0.2	2.1
6/2/2020 2:30 AM	-0.4	0.9	-0.9	-0.2	2.1
6/2/2020 2:36 AM	-0.4	0.9	-0.9	-0.2	2.1
6/2/2020 2:42 AM	-0.4	0.9	-0.9	-0.2	2.1
6/2/2020 2:48 AM	-0.4	0.9	-0.9	-0.2	2.1
6/2/2020 2:54 AM	-0.4	0.9	-0.9	-0.2	2.2
6/2/2020 3:00 AM	-0.4	0.9	-0.9	-0.2	2.2
6/2/2020 3:06 AM	-0.4	0.9	-0.9	-0.2	2.2
6/2/2020 3:12 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 3:18 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 3:24 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 3:30 AM	-0.4	0.8	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/2/2020 3:36 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 3:42 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 3:48 AM	-0.4	0.7	-0.9	-0.2	2.2
6/2/2020 3:54 AM	-0.4	0.7	-0.9	-0.2	2.2
6/2/2020 4:00 AM	-0.4	0.7	-0.9	-0.2	2.2
6/2/2020 4:06 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 4:12 AM	-0.4	0.8	-0.9	-0.2	2.2
6/2/2020 4:18 AM	-0.5	0.8	-0.9	-0.2	2.2
6/2/2020 4:24 AM	-0.5	0.8	-0.9	-0.2	2.2
6/2/2020 4:30 AM	-0.5	0.8	-0.9	-0.2	2.2
6/2/2020 4:36 AM	-0.5	0.8	-0.9	-0.2	2.2
6/2/2020 4:42 AM	-0.5	0.9	-0.9	-0.2	2.1
6/2/2020 4:48 AM	-0.5	0.9	-0.9	-0.2	2.1
6/2/2020 4:54 AM	-0.5	0.9	-0.9	-0.2	2.1
6/2/2020 5:00 AM	-0.5	1	-0.9	-0.2	2.1
6/2/2020 5:06 AM	-0.5	1	-0.9	-0.2	2.1
6/2/2020 5:12 AM	-0.5	1	-0.9	-0.2	2.1
6/2/2020 5:18 AM	-0.5	1	-0.9	-0.2	2.2
6/2/2020 5:24 AM	-0.4	1.1	-0.9	-0.2	2.2
6/2/2020 5:30 AM	-0.4	1.1	-0.9	-0.2	2.2
6/2/2020 5:36 AM	-0.4	1.2	-0.9	-0.2	2.2
6/2/2020 5:42 AM	-0.4	1.2	-0.9	-0.2	2.2
6/2/2020 5:48 AM	-0.4	1.3	-0.9	-0.2	2.2
6/2/2020 5:54 AM	-0.4	1.4	-0.9	-0.2	2.2
6/2/2020 6:00 AM	-0.4	1.4	-1	-0.2	2.2
6/2/2020 6:06 AM	-0.4	1.5	-1	-0.2	2.2
6/2/2020 6:12 AM	-0.4	1.6	-1	-0.2	2.2
6/2/2020 6:18 AM	-0.4	1.6	-1	-0.2	2.2
6/2/2020 6:24 AM	-0.4	1.7	-1	-0.2	2.2
6/2/2020 6:30 AM	-0.4	1.7	-1	-0.2	2.3
6/2/2020 6:36 AM	-0.4	1.8	-1	-0.2	2.2
6/2/2020 6:42 AM	-0.4	2	-1	-0.2	2.2
6/2/2020 6:48 AM	-0.4	2	-1	-0.2	2.2
6/2/2020 6:54 AM	-0.4	2	-1	-0.2	2.2
6/2/2020 7:00 AM	-0.4	2	-1	-0.2	2.2
6/2/2020 7:06 AM	-0.4	1.9	-1	-0.2	2.2
6/2/2020 7:12 AM	-0.4	1.9	-1	-0.2	2.3
6/2/2020 7:18 AM	-0.4	1.8	-1	-0.2	2.3
6/2/2020 7:24 AM	-0.4	1.7	-1	-0.2	2.3
6/2/2020 7:30 AM	-0.4	1.6	-1	-0.2	2.3
6/2/2020 7:36 AM	-0.4	1.5	-1	-0.2	2.8
6/2/2020 7:42 AM	-0.4	1.5	-1	-0.2	3.6
6/2/2020 7:48 AM	-0.4	1.5	-1	-0.2	3.6
6/2/2020 7:54 AM	-0.4	1.6	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/2/2020 8:00 AM	-0.4	1.6	-1	-0.2	3.3
6/2/2020 8:06 AM	-0.4	1.6	-1	-0.2	3.3
6/2/2020 8:12 AM	-0.4	1.7	-1	-0.2	3.3
6/2/2020 8:18 AM	-0.4	1.8	-1	-0.2	3.3
6/2/2020 8:24 AM	-0.4	1.8	-1	-0.2	3.3
6/2/2020 8:30 AM	-0.4	1.8	-1	-0.2	4.2
6/2/2020 8:36 AM	-0.4	1.8	-1	-0.2	6
6/2/2020 8:42 AM	-0.4	1.8	-1	-0.2	6.3
6/2/2020 8:48 AM	-0.4	1.8	-1	-0.2	6
6/2/2020 8:54 AM	-0.3	1.9	-1	-0.2	5.8
6/2/2020 9:00 AM	-0.3	2.2	-1	-0.2	5.5
6/2/2020 9:06 AM	-0.3	2.6	-1	-0.2	5.3
6/2/2020 9:12 AM	-0.3	2.8	-1	-0.2	5.3
6/2/2020 9:18 AM	-0.3	2.8	-1	-0.2	5.5
6/2/2020 9:24 AM	-0.3	2.7	-1	-0.2	5.5
6/2/2020 9:30 AM	-0.3	2.8	-1	-0.2	5.4
6/2/2020 9:36 AM	-0.3	2.7	-1	-0.2	5.4
6/2/2020 9:42 AM	-0.3	2.7	-1	-0.2	5.4
6/2/2020 9:48 AM	-0.3	2.5	-1	-0.2	5.3
6/2/2020 9:54 AM	-0.3	2.4	-1	-0.2	5.3
6/2/2020 10:00 AM	-0.3	2.3	-1	-0.2	5.3
6/2/2020 10:06 AM	-0.3	2.2	-0.9	-0.2	5.3
6/2/2020 10:12 AM	-0.3	2.1	-0.9	-0.2	5.2
6/2/2020 10:18 AM	-0.3	2	-0.9	-0.2	5.2
6/2/2020 10:24 AM	-0.3	1.9	-0.9	-0.2	5.4
6/2/2020 10:30 AM	-0.3	1.9	-0.9	-0.2	5.5
6/2/2020 10:36 AM	-0.3	1.8	-0.9	-0.2	5.4
6/2/2020 10:42 AM	-0.3	1.8	-0.9	-0.2	5.3
6/2/2020 10:48 AM	-0.3	1.7	-0.9	-0.2	5.1
6/2/2020 10:54 AM	-0.3	1.6	-0.9	-0.2	5.1
6/2/2020 11:00 AM	-0.3	1.6	-0.9	-0.2	5.2
6/2/2020 11:06 AM	-0.3	1.7	-0.9	-0.2	5.4
6/2/2020 11:12 AM	-0.3	1.8	-0.9	-0.2	5.4
6/2/2020 11:18 AM	-0.2	1.8	-0.9	-0.2	5.3
6/2/2020 11:24 AM	-0.2	1.9	-0.9	-0.2	5.1
6/2/2020 11:30 AM	-0.2	1.9	-0.9	-0.2	5.2
6/2/2020 11:36 AM	-0.2	2	-0.9	-0.2	5.3
6/2/2020 11:42 AM	-0.2	2	-0.9	-0.2	5.3
6/2/2020 11:48 AM	-0.2	2.1	-0.9	-0.2	5.2
6/2/2020 11:54 AM	-0.2	2.1	-0.9	-0.2	4.9
6/2/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/2/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/2/2020 12:12 PM	-0.3	2.2	-1	-0.2	4.9
6/2/2020 12:18 PM	-0.3	2.2	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/2/2020 12:24 PM	-0.3	2.2	-1	-0.2	4.6
6/2/2020 12:30 PM	-0.3	2.2	-1	-0.2	4.7
6/2/2020 12:36 PM	-0.3	2.2	-1	-0.2	4.9
6/2/2020 12:42 PM	-0.3	2.1	-1	-0.2	5
6/2/2020 12:48 PM	-0.3	2	-1	-0.2	5
6/2/2020 12:54 PM	-0.3	1.9	-1	8.5	4.9
6/2/2020 1:00 PM	-0.3	1.9	-1	20.7	3.2
6/2/2020 1:06 PM	-0.3	1.9	-1	19.5	1.8
6/2/2020 1:12 PM	-0.3	1.9	-1	14.8	2
6/2/2020 1:18 PM	-0.3	1.9	-1	12.6	2
6/2/2020 1:24 PM	-0.3	1.9	-1	12.3	2.1
6/2/2020 1:30 PM	-0.3	1.9	-1	9.3	2.1
6/2/2020 1:36 PM	-0.3	1.9	-1	7.3	2.1
6/2/2020 1:42 PM	-0.3	1.8	-0.9	6.4	2.1
6/2/2020 1:48 PM	-0.3	1.7	-0.9	6.2	2.1
6/2/2020 1:54 PM	-0.3	1.7	-0.9	6.1	2.2
6/2/2020 2:00 PM	-0.3	1.6	-0.9	6.2	2.2
6/2/2020 2:06 PM	-0.3	1.6	-0.9	6.4	2.2
6/2/2020 2:12 PM	-0.3	1.7	-0.9	6.5	2.2
6/2/2020 2:18 PM	-0.3	1.7	-0.9	6.4	2.2
6/2/2020 2:24 PM	-0.3	1.6	-0.9	6	2.2
6/2/2020 2:30 PM	-0.3	6.9	-0.9	5.3	2.2
6/2/2020 2:36 PM	-0.3	14.9	-0.9	4.8	2.2
6/2/2020 2:42 PM	-0.3	12	-0.9	4.6	1.1
6/2/2020 2:48 PM	-0.3	10.5	-0.9	4.6	0
6/2/2020 2:54 PM	-0.3	16.5	-0.9	4.6	0
6/2/2020 3:00 PM	-0.3	17.5	-0.9	4.7	0
6/2/2020 3:06 PM	-0.3	9.3	-0.9	4.5	0
6/2/2020 3:12 PM	-0.3	4.4	-0.9	4.2	0
6/2/2020 3:18 PM	-0.3	3.1	-0.9	3.8	0
6/2/2020 3:24 PM	-0.3	3.1	-0.9	3.6	0
6/2/2020 3:30 PM	-0.3	3.2	-0.9	3.6	0
6/2/2020 3:36 PM	-0.3	3.1	-0.9	3.5	0
6/2/2020 3:42 PM	-0.3	2.8	-0.9	3.3	0
6/2/2020 3:48 PM	-0.3	2.2	-0.9	3.2	0
6/2/2020 3:54 PM	-0.3	1.6	-0.9	3.2	0
6/2/2020 4:00 PM	-0.3	1.1	-0.9	3.2	0
6/2/2020 4:06 PM	-0.3	0.9	-0.9	3.1	0
6/2/2020 4:12 PM	-0.3	0.7	-0.9	3	0
6/2/2020 4:18 PM	-0.3	0.5	-0.9	2.9	0
6/2/2020 4:24 PM	-0.3	0.4	-0.9	2.8	0
6/2/2020 4:30 PM	-0.3	0.6	-0.9	2.2	0
6/2/2020 4:36 PM	-0.3	1.1	-0.9	0.5	0
6/2/2020 4:42 PM	-0.3	0.9	-0.9	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/2/2020 4:48 PM	-0.3	0.7	-0.9	2.5	0
6/2/2020 4:54 PM	-0.3	-0.1	-0.9	10.3	0
6/2/2020 5:00 PM	-0.3	-0.8	-0.9	12.2	0
6/2/2020 5:06 PM	-0.3	-0.7	-0.9	10.1	0
6/2/2020 5:12 PM	-0.3	-0.8	-0.9	8.8	0
6/2/2020 5:18 PM	-0.3	-0.9	-0.9	8.6	0
6/2/2020 5:24 PM	-0.3	-0.9	-0.9	8.3	0
6/2/2020 5:30 PM	-0.4	-0.9	-0.9	8.3	0
6/2/2020 5:36 PM	-0.4	-0.9	-0.9	8	0
6/2/2020 5:42 PM	-0.4	-0.9	-0.9	8.1	0
6/2/2020 5:48 PM	-0.4	-0.9	-0.9	8.5	0
6/2/2020 5:54 PM	-0.4	-0.9	-0.9	8.8	0
6/2/2020 6:00 PM	-0.4	-0.9	-0.9	8.9	0
6/2/2020 6:06 PM	-0.4	-0.9	-0.9	8.9	0
6/2/2020 6:12 PM	-0.4	-0.9	-0.9	9.4	0
6/2/2020 6:18 PM	-0.4	-0.9	-0.9	9.9	0
6/2/2020 6:24 PM	-0.4	-0.9	-0.9	9.3	0
6/2/2020 6:30 PM	-0.4	-0.9	-0.9	8.7	0
6/2/2020 6:36 PM	-0.4	-0.9	-0.9	8.7	0
6/2/2020 6:42 PM	-0.4	-0.9	-0.9	8.7	0
6/2/2020 6:48 PM	-0.4	-0.9	-0.9	8.5	0
6/2/2020 6:54 PM	-0.4	-0.9	-0.9	8.7	0
6/2/2020 7:00 PM	-0.4	-0.9	-0.9	8.9	0
6/2/2020 7:06 PM	-0.4	-0.9	-0.9	9.1	0
6/2/2020 7:12 PM	-0.4	-0.9	-0.9	9.3	0
6/2/2020 7:18 PM	-0.4	-0.9	-0.9	9	0
6/2/2020 7:24 PM	-0.4	-0.9	-0.9	9	0
6/2/2020 7:30 PM	-0.4	-0.9	-0.9	9.1	0
6/2/2020 7:36 PM	-0.4	-0.9	-0.9	9.2	0
6/2/2020 7:42 PM	-0.4	-0.9	-0.9	9.4	0
6/2/2020 7:48 PM	-0.4	-0.9	-0.9	9.3	0
6/2/2020 7:54 PM	-0.4	-0.9	-0.9	9.2	0
6/2/2020 8:00 PM	-0.4	-0.9	-0.9	9.3	0
6/2/2020 8:06 PM	-0.4	-0.8	-0.9	8.9	0
6/2/2020 8:12 PM	-0.4	-0.9	-0.9	8.3	0
6/2/2020 8:18 PM	-0.4	-0.9	-0.9	8	0
6/2/2020 8:24 PM	-0.4	-0.8	-0.9	8.1	0
6/2/2020 8:30 PM	-0.4	-0.9	-0.9	7.9	0
6/2/2020 8:36 PM	-0.4	-0.9	-0.9	7.9	0
6/2/2020 8:42 PM	-0.4	-0.8	-0.9	8.2	0
6/2/2020 8:48 PM	-0.4	-0.8	-0.9	8.3	0
6/2/2020 8:54 PM	-0.4	-0.8	-0.9	8.1	0
6/2/2020 9:00 PM	-0.4	-0.8	-0.9	8	0
6/2/2020 9:06 PM	-0.4	-0.8	-0.9	8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/2/2020 9:12 PM	-0.4	-0.8	-0.9	8.2	0
6/2/2020 9:18 PM	-0.4	-0.8	16.4	5.5	0
6/2/2020 9:24 PM	-0.4	-0.8	22	2.2	0
6/2/2020 9:30 PM	-0.4	-0.8	8.2	2.3	0
6/2/2020 9:36 PM	-0.4	-0.8	6.6	2.5	0
6/2/2020 9:42 PM	-0.4	-0.8	5.4	2.6	0
6/2/2020 9:48 PM	-0.4	-0.8	4.2	2.6	0
6/2/2020 9:54 PM	-0.4	-0.8	3.6	2.5	0
6/2/2020 10:00 PM	-0.4	-0.8	3.3	2.6	0
6/2/2020 10:06 PM	-0.4	-0.8	3.4	2.6	0
6/2/2020 10:12 PM	-0.4	-0.8	3.4	2.7	0
6/2/2020 10:18 PM	-0.4	-0.8	3.5	2.8	0
6/2/2020 10:24 PM	-0.4	-0.8	3.8	2.7	0
6/2/2020 10:30 PM	-0.4	-0.7	3.9	2.5	0
6/2/2020 10:36 PM	-0.4	-0.8	3.8	2.4	0
6/2/2020 10:42 PM	-0.4	-0.8	3.6	2.4	0
6/2/2020 10:48 PM	-0.4	-0.8	3.5	2.3	0
6/2/2020 10:54 PM	-0.4	-0.8	3.4	2.1	0
6/2/2020 11:00 PM	-0.4	-0.8	3.3	2.2	0
6/2/2020 11:06 PM	-0.4	-0.8	3.3	2.1	0
6/2/2020 11:12 PM	-0.4	-0.8	3.2	2.1	0
6/2/2020 11:18 PM	-0.4	-0.7	3	2.1	0
6/2/2020 11:24 PM	-0.4	-0.7	2.9	2	0
6/2/2020 11:30 PM	-0.4	-0.7	2.8	2	0
6/2/2020 11:36 PM	-0.4	-0.7	3.6	2.1	0
6/2/2020 11:42 PM	-0.4	-0.7	4.7	1	0
6/2/2020 11:48 PM	-0.5	-0.7	5	-0.3	0
6/2/2020 11:54 PM	-0.5	-0.7	4.8	-0.4	0
6/3/2020 12:00 AM	-0.5	-0.7	4.6	-0.4	0
6/3/2020 12:06 AM	-0.5	-0.7	4.8	-0.4	0
6/3/2020 12:12 AM	-0.5	-0.7	4.9	-0.4	0
6/3/2020 12:18 AM	-0.5	-0.7	4.9	-0.4	0
6/3/2020 12:24 AM	-0.5	-0.6	4.9	-0.4	0
6/3/2020 12:30 AM	-0.5	-0.6	4.8	-0.4	0
6/3/2020 12:36 AM	-0.5	-0.6	4.8	-0.4	0
6/3/2020 12:42 AM	-0.5	-0.7	4.8	-0.4	0
6/3/2020 12:48 AM	-0.5	-0.7	4.8	-0.4	0
6/3/2020 12:54 AM	-0.5	-0.7	4.8	-0.4	0
6/3/2020 1:00 AM	-0.5	-0.7	4.7	-0.4	0
6/3/2020 1:06 AM	-0.5	-0.7	4.2	-0.4	0
6/3/2020 1:12 AM	-0.5	-0.7	3.7	-0.4	0
6/3/2020 1:18 AM	-0.5	-0.7	3.5	-0.4	0
6/3/2020 1:24 AM	-0.5	-0.7	3.4	-0.4	0
6/3/2020 1:30 AM	-0.5	-0.6	3.2	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 1:36 AM	-0.5	-0.5	3	-0.4	0
6/3/2020 1:42 AM	-0.5	-0.6	3.1	-0.4	0
6/3/2020 1:48 AM	-0.5	-0.6	3.1	-0.4	0
6/3/2020 1:54 AM	-0.5	-0.6	3.2	-0.4	0
6/3/2020 2:00 AM	-0.6	-0.6	3.2	-0.4	0
6/3/2020 2:06 AM	-0.6	-0.6	3.2	-0.4	0
6/3/2020 2:12 AM	-0.6	-0.6	3.2	-0.4	0
6/3/2020 2:18 AM	-0.6	-0.5	3.1	-0.4	0
6/3/2020 2:24 AM	-0.6	-0.4	2.9	-0.4	0
6/3/2020 2:30 AM	-0.6	-0.4	2.7	-0.3	0
6/3/2020 2:36 AM	-0.6	-0.5	2.6	-0.4	0
6/3/2020 2:42 AM	-0.6	-0.4	2.4	-0.3	0
6/3/2020 2:48 AM	-0.6	-0.4	2.4	-0.3	0
6/3/2020 2:54 AM	-0.6	-0.4	2.4	-0.3	0
6/3/2020 3:00 AM	-0.6	-0.4	2.2	-0.3	0
6/3/2020 3:06 AM	-0.6	-0.5	2.1	-0.3	0
6/3/2020 3:12 AM	-0.6	-0.5	2.2	-0.3	0
6/3/2020 3:18 AM	-0.5	-0.5	2.3	-0.3	0.1
6/3/2020 3:24 AM	-0.5	-0.4	2.4	-0.3	0.1
6/3/2020 3:30 AM	-0.5	-0.4	2.4	-0.2	0.1
6/3/2020 3:36 AM	-0.5	-0.4	3	-0.2	0.1
6/3/2020 3:42 AM	-0.5	-0.4	4.9	-0.2	0.1
6/3/2020 3:48 AM	-0.6	-0.4	6.8	-0.3	0.1
6/3/2020 3:54 AM	-0.6	-0.4	8.3	-0.3	0.1
6/3/2020 4:00 AM	-0.6	-0.4	8.6	-0.3	0.1
6/3/2020 4:06 AM	-0.6	-0.5	8.2	0.8	0.1
6/3/2020 4:12 AM	-0.6	-0.5	6.3	10.7	0.1
6/3/2020 4:18 AM	-0.6	-0.5	4.1	13.2	0.1
6/3/2020 4:24 AM	-0.6	-0.5	3.9	9.3	0.1
6/3/2020 4:30 AM	-0.6	-0.5	5.1	8.1	0.1
6/3/2020 4:36 AM	-0.5	-0.5	6.7	8.4	0.1
6/3/2020 4:42 AM	-0.5	-0.4	7.2	8.8	0.1
6/3/2020 4:48 AM	-0.5	-0.4	7.3	8.4	0.1
6/3/2020 4:54 AM	-0.5	-0.4	7.5	8	0.1
6/3/2020 5:00 AM	-0.5	-0.3	7.9	10.1	0.1
6/3/2020 5:06 AM	-0.5	-0.2	7.9	10.5	0.1
6/3/2020 5:12 AM	-0.5	-0.2	7.8	9.5	0.1
6/3/2020 5:18 AM	-0.5	-0.2	7.7	9.3	0.1
6/3/2020 5:24 AM	-0.5	-0.2	7.5	9.3	0.1
6/3/2020 5:30 AM	-0.5	-0.1	7.8	9.1	0.1
6/3/2020 5:36 AM	-0.5	-0.1	7.8	9	0.1
6/3/2020 5:42 AM	-0.5	-0.1	7.9	8.8	0.1
6/3/2020 5:48 AM	-0.5	-0.1	7.9	8.6	0.1
6/3/2020 5:54 AM	-0.5	0	7.7	8.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 6:00 AM	-0.5	0	7.7	8.1	0.1
6/3/2020 6:06 AM	-0.5	-0.1	7.9	8.5	0.1
6/3/2020 6:12 AM	-0.5	-0.1	8.2	8.7	0.1
6/3/2020 6:18 AM	-0.5	0	8.2	8.2	0.1
6/3/2020 6:24 AM	-0.5	0	8.1	8.2	0.1
6/3/2020 6:30 AM	-0.5	-0.2	8.4	8.4	0.1
6/3/2020 6:36 AM	-0.5	-0.3	8.6	8.3	0.1
6/3/2020 6:42 AM	-0.5	-0.2	8.4	8.3	0.1
6/3/2020 6:48 AM	-0.5	-0.1	7.5	6.9	0.1
6/3/2020 6:54 AM	-0.5	-0.1	5.7	3.6	0.1
6/3/2020 7:00 AM	-0.5	-0.1	6.2	0.8	0.1
6/3/2020 7:06 AM	-0.5	-0.1	7.2	-0.4	0.1
6/3/2020 7:12 AM	-0.5	-0.1	7.1	-0.4	0.1
6/3/2020 7:18 AM	-0.5	-0.1	6.8	-0.4	0.1
6/3/2020 7:24 AM	-0.5	-0.1	6.6	-0.5	0.1
6/3/2020 7:30 AM	-0.5	-0.1	7.9	-0.4	0.1
6/3/2020 7:36 AM	-0.4	-0.1	8.7	-0.4	0.1
6/3/2020 7:42 AM	-0.4	-0.2	8	-0.4	0.1
6/3/2020 7:48 AM	-0.4	-0.2	8.1	-0.4	0.1
6/3/2020 7:54 AM	-0.4	-0.3	8.1	-0.5	0.1
6/3/2020 8:00 AM	-0.4	-0.5	8.3	-0.4	0.1
6/3/2020 8:06 AM	-0.4	-0.5	8.6	-0.4	0.1
6/3/2020 8:12 AM	-0.4	-0.5	8.7	-0.4	0.1
6/3/2020 8:18 AM	-0.4	-0.5	8.9	-0.4	0.1
6/3/2020 8:24 AM	-0.4	-0.5	8.8	-0.4	0.1
6/3/2020 8:30 AM	-0.4	-0.5	8.5	-0.4	0.1
6/3/2020 8:36 AM	-0.4	-0.5	8.6	-0.4	0.1
6/3/2020 8:42 AM	-0.4	-0.5	8.7	-0.4	0.1
6/3/2020 8:48 AM	-0.4	-0.4	8.7	-0.4	0.1
6/3/2020 8:54 AM	-0.4	-0.4	8.8	-0.4	0.1
6/3/2020 9:00 AM	-0.4	-0.4	8.7	-0.4	0.1
6/3/2020 9:06 AM	-0.4	-0.2	8.6	-0.4	0.1
6/3/2020 9:12 AM	-0.3	-0.1	8.8	1.8	0.1
6/3/2020 9:18 AM	-0.3	0	7	12.1	0.1
6/3/2020 9:24 AM	-0.3	0	4	14.3	0.1
6/3/2020 9:30 AM	-0.3	0	3.3	7.1	0.1
6/3/2020 9:36 AM	-0.3	-0.1	3.1	4.5	0.1
6/3/2020 9:42 AM	-0.3	-0.1	2.5	4.1	0.1
6/3/2020 9:48 AM	-0.3	-0.1	1.9	3.8	0.1
6/3/2020 9:54 AM	-0.3	-0.2	1.9	3.7	0.1
6/3/2020 10:00 AM	-0.3	-0.2	1.9	3.5	0.1
6/3/2020 10:06 AM	-0.3	-0.2	1.9	3.3	0.1
6/3/2020 10:12 AM	-0.3	-0.2	1.9	3.2	0.1
6/3/2020 10:18 AM	-0.3	-0.2	1.9	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 10:24 AM	-0.3	-0.2	1.9	3.2	0.1
6/3/2020 10:30 AM	-0.3	-0.2	1.9	3.2	0.1
6/3/2020 10:36 AM	-0.3	-0.2	1.9	3.3	0.1
6/3/2020 10:42 AM	-0.3	-0.2	1.9	3.2	0.1
6/3/2020 10:48 AM	-0.3	-0.2	1.9	3	0.1
6/3/2020 10:54 AM	-0.3	-0.2	1.9	3.1	0.1
6/3/2020 11:00 AM	-0.3	-0.1	1.8	3	0.1
6/3/2020 11:06 AM	-0.3	0	1.9	2.9	0.1
6/3/2020 11:12 AM	-0.3	0.1	1.9	2.9	0.1
6/3/2020 11:18 AM	-0.3	0.1	1.9	2.9	0.1
6/3/2020 11:24 AM	-0.3	0.2	1.8	2.7	0.1
6/3/2020 11:30 AM	-0.3	0.3	1.8	2.8	0.1
6/3/2020 11:36 AM	-0.2	0.3	1.9	2.8	0.1
6/3/2020 11:42 AM	-0.2	3.3	2	2.7	7.1
6/3/2020 11:48 AM	-0.2	7	2.1	2.6	3.4
6/3/2020 11:54 AM	-0.2	4.1	2.1	2.5	0.5
6/3/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/3/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/3/2020 12:12 PM	-0.4	0.2	2.1	2.5	0.1
6/3/2020 12:18 PM	-0.4	0.1	2	2.4	0.1
6/3/2020 12:24 PM	-0.3	0.1	1.8	2.4	0.1
6/3/2020 12:30 PM	-0.4	0.1	1.7	2.6	0.1
6/3/2020 12:36 PM	-0.4	-0.1	1.8	2.7	0.1
6/3/2020 12:42 PM	-0.4	-0.1	1.8	2.7	0.1
6/3/2020 12:48 PM	-0.4	-0.1	1.8	2.7	0.1
6/3/2020 12:54 PM	-0.4	-0.1	1.7	2.8	0.1
6/3/2020 1:00 PM	-0.4	-0.1	1.8	2.8	0.1
6/3/2020 1:06 PM	-0.4	-0.2	2	2.8	0.1
6/3/2020 1:12 PM	-0.4	-0.2	3	2.6	0.1
6/3/2020 1:18 PM	-0.4	-0.2	4.3	2.5	0.1
6/3/2020 1:24 PM	-0.4	-0.2	4.4	2.6	0.1
6/3/2020 1:30 PM	-0.4	-0.1	4.5	2.7	0.1
6/3/2020 1:36 PM	-0.4	-0.1	4.9	2.8	0.2
6/3/2020 1:42 PM	-0.4	-0.1	5.1	2.8	0.2
6/3/2020 1:48 PM	-0.4	-0.1	5.2	3	0.2
6/3/2020 1:54 PM	-0.4	-0.2	5.4	3	0.1
6/3/2020 2:00 PM	-0.4	-0.2	5.3	3	0.1
6/3/2020 2:06 PM	-0.4	-0.2	5	3	0.1
6/3/2020 2:12 PM	-0.4	-0.1	5	3	0.1
6/3/2020 2:18 PM	-0.4	-0.1	5	3	0.1
6/3/2020 2:24 PM	-0.4	-0.1	4.9	3.1	0.1
6/3/2020 2:30 PM	-0.4	0	4.7	3.1	0.1
6/3/2020 2:36 PM	-0.4	0	4.8	3.2	0.1
6/3/2020 2:42 PM	-0.4	0	4.9	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 2:48 PM	-0.4	0	4.9	3.1	0.1
6/3/2020 2:54 PM	-0.4	0	5	3.1	0.1
6/3/2020 3:00 PM	-0.4	0.1	5	3.1	0.1
6/3/2020 3:06 PM	-0.4	0.1	4.9	3.1	0.1
6/3/2020 3:12 PM	-0.4	0	3.8	2.9	0.1
6/3/2020 3:18 PM	-0.4	0	2.9	2.8	0.1
6/3/2020 3:24 PM	-0.4	0.1	2.8	2.7	0.1
6/3/2020 3:30 PM	-0.4	0	2.7	2.8	0.1
6/3/2020 3:36 PM	-0.4	0	2.7	2.8	0.1
6/3/2020 3:42 PM	-0.4	0	2.6	2.8	0.1
6/3/2020 3:48 PM	-0.4	0.1	2.6	2.8	0.1
6/3/2020 3:54 PM	-0.4	0.1	2.5	2.7	0.1
6/3/2020 4:00 PM	-0.4	0.1	2.5	2.5	0.1
6/3/2020 4:06 PM	-0.4	0.1	2.6	2.6	0.1
6/3/2020 4:12 PM	-0.4	0.2	2.5	2.7	0.1
6/3/2020 4:18 PM	-0.4	0.3	2.5	2.7	0.1
6/3/2020 4:24 PM	-0.4	0.3	2.5	2.6	0.1
6/3/2020 4:30 PM	-0.4	0.4	2.6	2.6	0.1
6/3/2020 4:36 PM	-0.4	0.6	2.5	2.6	0.1
6/3/2020 4:42 PM	-0.4	0.8	2.5	2.8	0.1
6/3/2020 4:48 PM	-0.4	1.1	2.5	2.8	0.1
6/3/2020 4:54 PM	-0.4	1.3	2.5	2.6	0.1
6/3/2020 5:00 PM	-0.4	1.3	2.5	2.5	0.1
6/3/2020 5:06 PM	-0.4	1.2	2.6	2.6	0.1
6/3/2020 5:12 PM	-0.4	1.1	2.6	2.6	0.1
6/3/2020 5:18 PM	-0.4	1.1	2.6	2.6	0.1
6/3/2020 5:24 PM	-0.4	1	2.6	2.5	0.1
6/3/2020 5:30 PM	-0.4	0.9	2.6	2.5	0.1
6/3/2020 5:36 PM	-0.4	0.9	2.6	2.4	0.1
6/3/2020 5:42 PM	-0.4	0.9	2.5	2.3	0.1
6/3/2020 5:48 PM	-0.3	0.9	2.5	2.4	0.1
6/3/2020 5:54 PM	-0.3	0.9	2.6	2.5	0.1
6/3/2020 6:00 PM	-0.3	0.8	2.6	2.5	0.1
6/3/2020 6:06 PM	-0.3	0.8	2.6	2.6	0.1
6/3/2020 6:12 PM	-0.4	0.8	2.6	2.6	0.1
6/3/2020 6:18 PM	-0.4	0.8	2.7	2.6	0.1
6/3/2020 6:24 PM	-0.4	0.7	2.7	2.6	0.1
6/3/2020 6:30 PM	-0.4	0.7	2.7	2.5	0.1
6/3/2020 6:36 PM	-0.4	0.7	2.7	2.5	0.1
6/3/2020 6:42 PM	-0.4	0.7	2.7	2.5	0.1
6/3/2020 6:48 PM	-0.4	0.7	2.6	2.3	0.1
6/3/2020 6:54 PM	-0.4	0.7	2.6	2.4	0.1
6/3/2020 7:00 PM	-0.4	0.7	2.6	2.7	0.1
6/3/2020 7:06 PM	-0.4	0.7	2.5	3.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 7:12 PM	-0.4	0.7	2.5	3	0.1
6/3/2020 7:18 PM	-0.4	0.7	2.5	3	0.1
6/3/2020 7:24 PM	-0.4	0.7	2.5	3.1	0.1
6/3/2020 7:30 PM	-0.3	0.7	2.4	2.9	0.1
6/3/2020 7:36 PM	-0.3	0.7	2.4	2.9	0.1
6/3/2020 7:42 PM	-0.3	0.7	2.3	2.9	0.1
6/3/2020 7:48 PM	-0.3	0.7	2.3	3	0.1
6/3/2020 7:54 PM	-0.3	0.5	2.4	2.9	0.1
6/3/2020 8:00 PM	-0.3	0.1	2.8	2.7	0.1
6/3/2020 8:06 PM	-0.3	-0.1	3.4	2.8	0.1
6/3/2020 8:12 PM	-0.4	-0.2	3.8	2.7	0.1
6/3/2020 8:18 PM	-0.4	-0.2	3.9	2.8	0.1
6/3/2020 8:24 PM	-0.4	-0.1	3.7	3	0.1
6/3/2020 8:30 PM	-0.4	-0.1	3.6	3	0.1
6/3/2020 8:36 PM	-0.4	-0.1	3.4	3.3	0.1
6/3/2020 8:42 PM	-0.5	0	3.3	4.9	0.1
6/3/2020 8:48 PM	-0.5	0	3.2	5.4	0.1
6/3/2020 8:54 PM	-0.5	0	3.2	5.1	0.1
6/3/2020 9:00 PM	-0.5	0.1	3.1	5.1	0.1
6/3/2020 9:06 PM	-0.5	0.1	3	4.9	0.1
6/3/2020 9:12 PM	-0.5	0.1	3.1	10.5	0.1
6/3/2020 9:18 PM	-0.5	0.1	3.5	13.9	0.1
6/3/2020 9:24 PM	-0.5	0.1	3.6	11.2	0.1
6/3/2020 9:30 PM	-0.5	10.2	3.9	10.8	0.1
6/3/2020 9:36 PM	-0.5	21.5	4.4	10.9	0.1
6/3/2020 9:42 PM	-0.5	14.4	4.5	11	0.1
6/3/2020 9:48 PM	-0.5	8.4	4.5	11.7	0.1
6/3/2020 9:54 PM	-0.5	5.5	4.6	11.9	0.1
6/3/2020 10:00 PM	-0.5	3.8	4.8	12.3	0.1
6/3/2020 10:06 PM	-0.5	2.6	4.9	12.2	0.1
6/3/2020 10:12 PM	-0.5	2.2	5	11.7	0.1
6/3/2020 10:18 PM	-0.5	1.1	5	11	0.1
6/3/2020 10:24 PM	-0.5	0.1	5	10.3	0.1
6/3/2020 10:30 PM	-0.5	0.2	4.8	10	0.1
6/3/2020 10:36 PM	-0.5	0.1	4.8	10	0.1
6/3/2020 10:42 PM	-0.5	0	4.8	9.7	0.1
6/3/2020 10:48 PM	-0.5	0	4.8	9.7	0.1
6/3/2020 10:54 PM	-0.5	-0.1	4.8	9.9	0.1
6/3/2020 11:00 PM	-0.5	-0.1	4.8	10.4	0.1
6/3/2020 11:06 PM	-0.5	-0.1	4.8	11.3	0.1
6/3/2020 11:12 PM	-0.5	-0.1	4.9	10.9	0.1
6/3/2020 11:18 PM	-0.5	-0.1	5.1	9.8	0.1
6/3/2020 11:24 PM	-0.5	-0.1	5.2	9.8	0.1
6/3/2020 11:30 PM	-0.5	-0.1	5.2	10.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/3/2020 11:36 PM	-0.5	0	4.8	8.6	0.1
6/3/2020 11:42 PM	-0.5	0	4	3.7	0.1
6/3/2020 11:48 PM	-0.5	0	3.4	1.6	0.1
6/3/2020 11:54 PM	-0.5	0	3.1	1.8	0.1
6/4/2020 12:00 AM	-0.5	0	2.9	0.9	0.1
6/4/2020 12:06 AM	-0.5	0	2.8	-0.3	0.1
6/4/2020 12:12 AM	-0.5	0	2.7	-0.4	0.1
6/4/2020 12:18 AM	-0.5	0	2.6	-0.4	0.1
6/4/2020 12:24 AM	-0.5	0	2.5	-0.4	0.1
6/4/2020 12:30 AM	-0.5	0	2.7	-0.4	0.1
6/4/2020 12:36 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 12:42 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 12:48 AM	-0.5	0.1	2.5	-0.4	0.1
6/4/2020 12:54 AM	-0.5	0.1	2.4	-0.4	0.1
6/4/2020 1:00 AM	-0.5	0.1	2.4	-0.4	0.1
6/4/2020 1:06 AM	-0.5	0.1	2.3	-0.4	0.1
6/4/2020 1:12 AM	-0.5	0.1	2.4	-0.4	0.1
6/4/2020 1:18 AM	-0.5	0.1	2.6	-0.4	0.1
6/4/2020 1:24 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 1:30 AM	-0.5	0.1	2.7	-0.4	0.1
6/4/2020 1:36 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 1:42 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 1:48 AM	-0.5	0.1	2.8	-0.4	0.1
6/4/2020 1:54 AM	-0.5	0.1	3	-0.4	0.1
6/4/2020 2:00 AM	-0.5	0.1	3	-0.4	0.1
6/4/2020 2:06 AM	-0.5	0.1	3.5	-0.4	0.1
6/4/2020 2:12 AM	-0.5	0.1	4.1	-0.4	0.1
6/4/2020 2:18 AM	-0.5	0.1	4	-0.4	0.1
6/4/2020 2:24 AM	-0.5	0.1	3.9	-0.4	0.1
6/4/2020 2:30 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 2:36 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 2:42 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 2:48 AM	-0.5	0.1	3.7	-0.4	0.1
6/4/2020 2:54 AM	-0.5	0.1	3.6	-0.4	0.1
6/4/2020 3:00 AM	-0.5	0.1	3.6	-0.4	0.1
6/4/2020 3:06 AM	-0.5	0.1	3.6	-0.4	0.1
6/4/2020 3:12 AM	-0.5	0.1	3.6	-0.4	0.1
6/4/2020 3:18 AM	-0.5	0.1	3.6	-0.4	0.1
6/4/2020 3:24 AM	-0.5	0.1	3.7	-0.4	0.1
6/4/2020 3:30 AM	-0.5	0.1	3.7	-0.4	0.1
6/4/2020 3:36 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 3:42 AM	-0.5	0.1	3.9	-0.4	0.1
6/4/2020 3:48 AM	-0.5	0.1	4	-0.4	0.1
6/4/2020 3:54 AM	-0.5	0.1	4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/4/2020 4:00 AM	-0.5	0.1	3.9	-0.4	0.1
6/4/2020 4:06 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 4:12 AM	-0.5	0.1	3.7	-0.4	0.1
6/4/2020 4:18 AM	-0.5	0.1	3.8	-0.4	0.1
6/4/2020 4:24 AM	-0.5	0.1	3.9	-0.4	0.1
6/4/2020 4:30 AM	-0.5	0.1	3.9	-0.4	0.1
6/4/2020 4:36 AM	-0.5	0.2	3.7	-0.4	0.1
6/4/2020 4:42 AM	-0.5	0.2	3.5	-0.4	0.1
6/4/2020 4:48 AM	-0.5	0.3	3.5	-0.4	0.1
6/4/2020 4:54 AM	-0.5	0.4	3.4	-0.4	0.1
6/4/2020 5:00 AM	-0.5	0.6	3.2	-0.4	0.1
6/4/2020 5:06 AM	-0.5	0.7	3	-0.4	0.1
6/4/2020 5:12 AM	-0.5	0.8	2.9	-0.4	0.1
6/4/2020 5:18 AM	-0.5	0.8	2.8	-0.4	0.1
6/4/2020 5:24 AM	-0.5	0.9	2.9	-0.4	0.1
6/4/2020 5:30 AM	-0.5	1	2.9	-0.4	0.1
6/4/2020 5:36 AM	-0.5	1	2.9	-0.4	0.1
6/4/2020 5:42 AM	-0.5	1.1	2.9	-0.4	0.1
6/4/2020 5:48 AM	-0.5	1.1	2.8	-0.4	0.1
6/4/2020 5:54 AM	-0.5	1.1	2.7	-0.4	0.1
6/4/2020 6:00 AM	-0.5	1.1	2.7	-0.4	0.1
6/4/2020 6:06 AM	-0.5	1.1	2.6	-0.4	0.1
6/4/2020 6:12 AM	-0.5	1	2.6	-0.4	0.1
6/4/2020 6:18 AM	-0.5	1	2.5	-0.4	0.1
6/4/2020 6:24 AM	-0.5	1	2.4	-0.4	0.1
6/4/2020 6:30 AM	-0.5	1	2.4	-0.4	0.1
6/4/2020 6:36 AM	-0.5	1	2.4	-0.4	0.1
6/4/2020 6:42 AM	-0.5	0.9	2.4	-0.4	0.1
6/4/2020 6:48 AM	-0.5	0.9	2.3	-0.4	0.1
6/4/2020 6:54 AM	-0.5	0.9	2.3	-0.4	0.1
6/4/2020 7:00 AM	-0.5	0.8	2.3	-0.4	0.1
6/4/2020 7:06 AM	-0.5	0.7	2.5	-0.4	0.1
6/4/2020 7:12 AM	-0.5	0.6	3.5	-0.4	0.1
6/4/2020 7:18 AM	-0.4	0.5	3.2	-0.4	0.1
6/4/2020 7:24 AM	-0.4	0.4	2.3	-0.4	0.1
6/4/2020 7:30 AM	-0.4	0.3	2.3	-0.4	0.1
6/4/2020 7:36 AM	-0.4	0.2	2.3	-0.4	0.1
6/4/2020 7:42 AM	-0.4	0.1	2.3	-0.4	0.1
6/4/2020 7:48 AM	-0.4	0.1	2.4	-0.4	0.1
6/4/2020 7:54 AM	-0.4	0.1	2.5	-0.4	0.1
6/4/2020 8:00 AM	-0.4	0.1	2.7	-0.4	0.1
6/4/2020 8:06 AM	-0.4	0	3.1	-0.4	0.1
6/4/2020 8:12 AM	-0.4	0	3.5	-0.4	0.1
6/4/2020 8:18 AM	-0.3	0	3.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/4/2020 8:24 AM	-0.3	0	4.1	-0.4	0.1
6/4/2020 8:30 AM	-0.3	-0.1	4.4	-0.4	0.1
6/4/2020 8:36 AM	-0.3	-0.3	4.5	-0.4	0.1
6/4/2020 8:42 AM	-0.3	-0.5	4.5	-0.4	0.1
6/4/2020 8:48 AM	-0.3	-0.4	4.6	-0.4	0.1
6/4/2020 8:54 AM	-0.3	-0.4	4.7	-0.4	0.1
6/4/2020 9:00 AM	-0.3	-0.3	4.8	-0.4	0.1
6/4/2020 9:06 AM	-0.3	-0.3	5	-0.4	0.1
6/4/2020 9:12 AM	-0.3	-0.3	5.1	-0.4	0.1
6/4/2020 9:18 AM	-0.3	-0.3	5.1	-0.4	0.1
6/4/2020 9:24 AM	-0.3	-0.3	5.2	-0.4	0.1
6/4/2020 9:30 AM	-0.3	-0.3	5.2	-0.4	0.1
6/4/2020 9:36 AM	-0.3	-0.2	5.2	-0.4	0.1
6/4/2020 9:42 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 9:48 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 9:54 AM	-0.3	-0.2	5.2	-0.4	0.1
6/4/2020 10:00 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 10:06 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 10:12 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 10:18 AM	-0.3	-0.2	5.2	-0.4	0.1
6/4/2020 10:24 AM	-0.3	-0.2	5.1	-0.4	0.1
6/4/2020 10:30 AM	-0.3	-0.2	5.2	-0.4	0.1
6/4/2020 10:36 AM	-0.3	-0.1	5.1	-0.4	0.1
6/4/2020 10:42 AM	-0.3	-0.1	5.2	-0.4	0.1
6/4/2020 10:48 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 10:54 AM	-0.3	-0.2	5.4	-0.4	0.1
6/4/2020 11:00 AM	-0.3	-0.2	5.3	-0.4	0.1
6/4/2020 11:06 AM	-0.3	-0.2	5.1	-0.4	0.1
6/4/2020 11:12 AM	-0.3	-0.2	5	-0.4	0.1
6/4/2020 11:18 AM	-0.3	-0.2	5	-0.4	0.1
6/4/2020 11:24 AM	-0.3	-0.2	5	-0.4	0.1
6/4/2020 11:30 AM	-0.3	-0.1	5	-0.4	0.1
6/4/2020 11:36 AM	-0.3	-0.1	5	-0.4	0.1
6/4/2020 11:42 AM	-0.3	-0.1	5	-0.4	0.1
6/4/2020 11:48 AM	-0.3	-0.1	4.9	-0.4	0.1
6/4/2020 11:54 AM	-0.3	-0.1	4.9	-0.4	0.1
6/4/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/4/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/4/2020 12:12 PM	-0.3	-0.1	4.8	-0.4	0.1
6/4/2020 12:18 PM	-0.3	-0.1	4.7	-0.4	0.1
6/4/2020 12:24 PM	-0.3	-0.1	4.7	-0.4	0.1
6/4/2020 12:30 PM	-0.3	0	4.7	-0.4	0.1
6/4/2020 12:36 PM	-0.3	0	4.7	-0.4	0.1
6/4/2020 12:42 PM	-0.3	0	4.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/4/2020 12:48 PM	-0.3	0	4.8	-0.4	0.1
6/4/2020 12:54 PM	-0.3	0	4.8	-0.4	0.1
6/4/2020 1:00 PM	-0.3	-0.1	4.9	-0.4	0.1
6/4/2020 1:06 PM	-0.3	0	4.9	-0.4	0.1
6/4/2020 1:12 PM	-0.3	0	4.8	-0.4	8.4
6/4/2020 1:18 PM	-0.3	4.7	4.8	7.4	9.6
6/4/2020 1:24 PM	-0.3	8.4	4.8	7.3	1.2
6/4/2020 1:30 PM	-0.3	3.8	4.7	1	0.6
6/4/2020 1:36 PM	-0.3	2.3	4.6	0.2	0.5
6/4/2020 1:42 PM	-0.3	1.2	4.6	-0.2	0.4
6/4/2020 1:48 PM	-0.3	0.6	4.6	-0.3	0.3
6/4/2020 1:54 PM	-0.3	0.4	4.7	-0.4	0.2
6/4/2020 2:00 PM	-0.3	0.2	4.8	-0.4	0.2
6/4/2020 2:06 PM	-0.3	0.2	4.8	-0.4	0.2
6/4/2020 2:12 PM	-0.3	0.2	4.7	-0.4	0.2
6/4/2020 2:18 PM	-0.3	0.2	4.6	-0.4	0.1
6/4/2020 2:24 PM	-0.3	0.3	4.5	-0.4	0.1
6/4/2020 2:30 PM	-0.3	0.4	4.4	-0.4	0.1
6/4/2020 2:36 PM	-0.3	0.4	4.4	-0.4	0.1
6/4/2020 2:42 PM	-0.3	0.5	4.3	-0.4	0.1
6/4/2020 2:48 PM	-0.3	0.6	4.3	-0.3	0.1
6/4/2020 2:54 PM	-0.3	0.7	4.4	-0.3	0.1
6/4/2020 3:00 PM	-0.3	0.7	4.3	-0.3	0.1
6/4/2020 3:06 PM	-0.3	0.8	4.2	-0.3	0.1
6/4/2020 3:12 PM	-0.3	0.8	4.2	-0.3	0.1
6/4/2020 3:18 PM	-0.3	0.8	4.2	-0.3	0.1
6/4/2020 3:24 PM	-0.3	0.8	4.2	-0.3	0.1
6/4/2020 3:30 PM	-0.3	0.9	4.3	-0.3	0.1
6/4/2020 3:36 PM	-0.3	0.9	4.6	-0.3	0.1
6/4/2020 3:42 PM	-0.3	1	5.1	-0.3	0.1
6/4/2020 3:48 PM	-0.3	1	5.2	-0.3	0.1
6/4/2020 3:54 PM	-0.3	1	5.2	-0.3	0.1
6/4/2020 4:00 PM	-0.3	1	5.2	-0.3	0.1
6/4/2020 4:06 PM	-0.4	1	5	-0.3	0.1
6/4/2020 4:12 PM	-0.4	0.8	4.9	-0.3	0.1
6/4/2020 4:18 PM	-0.4	0.5	4.9	-0.3	0.1
6/4/2020 4:24 PM	-0.4	0.4	5	-0.3	0.1
6/4/2020 4:30 PM	-0.4	0.3	5.1	-0.3	0.1
6/4/2020 4:36 PM	-0.4	0.3	5	-0.3	0.1
6/4/2020 4:42 PM	-0.4	0.3	5	-0.3	0.1
6/4/2020 4:48 PM	-0.4	0.3	5	-0.3	0.1
6/4/2020 4:54 PM	-0.4	0.4	5.1	-0.3	0.1
6/4/2020 5:00 PM	-0.4	0.5	5	-0.3	0.1
6/4/2020 5:06 PM	-0.4	0.5	4.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/4/2020 5:12 PM	-0.4	0.5	4.9	-0.3	0.1
6/4/2020 5:18 PM	-0.4	0.6	4.9	-0.3	0.1
6/4/2020 5:24 PM	-0.4	0.9	5	-0.2	0.1
6/4/2020 5:30 PM	-0.4	1.2	4.9	-0.2	0.1
6/4/2020 5:36 PM	-0.4	1.4	4.6	-0.2	0.1
6/4/2020 5:42 PM	-0.4	1.5	4.3	-0.2	0.1
6/4/2020 5:48 PM	-0.4	1.7	4.3	-0.2	0.1
6/4/2020 5:54 PM	-0.4	1.9	4.4	-0.2	0.1
6/4/2020 6:00 PM	-0.4	2	4.4	-0.2	0.1
6/4/2020 6:06 PM	-0.4	2	4.5	-0.2	0.1
6/4/2020 6:12 PM	-0.4	2	4.6	-0.2	0.1
6/4/2020 6:18 PM	-0.4	1.9	4.6	-0.2	0.1
6/4/2020 6:24 PM	-0.4	1.8	4.7	-0.2	0.1
6/4/2020 6:30 PM	-0.4	1.8	4.9	-0.2	0.1
6/4/2020 6:36 PM	-0.4	1.7	4.9	-0.2	0.1
6/4/2020 6:42 PM	-0.4	1.7	5	-0.2	0.1
6/4/2020 6:48 PM	-0.4	1.7	5.1	-0.2	0.1
6/4/2020 6:54 PM	-0.4	1.6	5	-0.2	0.1
6/4/2020 7:00 PM	-0.4	1.6	5	-0.2	0.1
6/4/2020 7:06 PM	-0.4	1.6	5	-0.2	0.1
6/4/2020 7:12 PM	-0.4	1.6	4.9	-0.2	0.1
6/4/2020 7:18 PM	-0.4	1.6	4.8	-0.2	0.1
6/4/2020 7:24 PM	-0.4	1.6	4.9	-0.2	0.1
6/4/2020 7:30 PM	-0.4	1.6	4.9	-0.2	0.1
6/4/2020 7:36 PM	-0.4	1.6	4.9	-0.2	0.1
6/4/2020 7:42 PM	-0.4	1.6	5	-0.2	0.1
6/4/2020 7:48 PM	-0.4	1.5	6.3	9.4	0.1
6/4/2020 7:54 PM	-0.4	1.5	5.5	25.6	0.1
6/4/2020 8:00 PM	-0.4	1.5	3.1	22.4	0.1
6/4/2020 8:06 PM	-0.4	1.5	2.8	13.7	0.1
6/4/2020 8:12 PM	-0.4	1.5	2.7	8.3	0.1
6/4/2020 8:18 PM	-0.4	1.5	2.5	6.7	0.1
6/4/2020 8:24 PM	-0.4	1.5	2.3	6.4	0.1
6/4/2020 8:30 PM	-0.5	1.5	2.4	6.3	0.1
6/4/2020 8:36 PM	-0.5	1.5	2.3	6.3	0.1
6/4/2020 8:42 PM	-0.5	1.6	2.2	6.5	0.1
6/4/2020 8:48 PM	-0.5	1.6	2.2	6.4	0.1
6/4/2020 8:54 PM	-0.5	1.6	2.1	6.5	0.1
6/4/2020 9:00 PM	-0.5	1.6	2.1	6.4	0.1
6/4/2020 9:06 PM	-0.5	1.6	2.2	6.6	0.1
6/4/2020 9:12 PM	-0.5	1.6	2.4	6.7	0.1
6/4/2020 9:18 PM	-0.4	1.6	2.4	6.2	0.1
6/4/2020 9:24 PM	-0.4	1.6	2.4	5.7	0.1
6/4/2020 9:30 PM	-0.4	1.6	2.4	5.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/4/2020 9:36 PM	-0.4	1.6	2.4	4.8	0.1
6/4/2020 9:42 PM	-0.4	1.6	2.4	4.5	0.1
6/4/2020 9:48 PM	-0.4	1.6	2.3	4.3	0.1
6/4/2020 9:54 PM	-0.4	1.6	2.2	4.2	0.1
6/4/2020 10:00 PM	-0.4	1.7	2.1	4	0.1
6/4/2020 10:06 PM	-0.4	1.6	2.1	3.8	0.1
6/4/2020 10:12 PM	-0.5	1.6	2.1	3.6	0.1
6/4/2020 10:18 PM	-0.5	1.6	2	3.5	0.1
6/4/2020 10:24 PM	-0.5	1.6	2	3.3	0.1
6/4/2020 10:30 PM	-0.5	1.6	2	3.5	0.1
6/4/2020 10:36 PM	-0.5	1.6	2.1	3.6	0.1
6/4/2020 10:42 PM	-0.5	1.6	2	3.6	0.1
6/4/2020 10:48 PM	-0.5	1.6	1.9	3.6	0.1
6/4/2020 10:54 PM	-0.5	1.6	2	3.6	0.1
6/4/2020 11:00 PM	-0.5	1.5	4.9	1.7	0.1
6/4/2020 11:06 PM	-0.5	1.5	7.3	-0.4	0.1
6/4/2020 11:12 PM	-0.5	1.5	6.4	-0.4	0.1
6/4/2020 11:18 PM	-0.5	1.5	6.5	-0.4	0.1
6/4/2020 11:24 PM	-0.5	1.4	6.5	-0.4	0.1
6/4/2020 11:30 PM	-0.5	1.3	6.7	-0.4	0.1
6/4/2020 11:36 PM	-0.5	1.4	8.2	-0.4	0.1
6/4/2020 11:42 PM	-0.4	1.6	8.5	-0.4	0.1
6/4/2020 11:48 PM	-0.4	1.4	8.4	-0.4	0.1
6/4/2020 11:54 PM	-0.4	1.2	8.3	-0.3	0.1
6/5/2020 12:00 AM	-0.4	1.1	8.2	-0.3	0.1
6/5/2020 12:06 AM	-0.5	1.1	8.8	-0.3	0.1
6/5/2020 12:12 AM	-0.5	1.1	9.3	-0.3	0.1
6/5/2020 12:18 AM	-0.5	1.2	9.4	-0.3	0.1
6/5/2020 12:24 AM	-0.5	1.2	9.6	-0.3	0.1
6/5/2020 12:30 AM	-0.5	1.1	9.4	-0.3	0.1
6/5/2020 12:36 AM	-0.5	1.1	9.1	-0.3	0.1
6/5/2020 12:42 AM	-0.5	1.1	9.4	-0.3	0.1
6/5/2020 12:48 AM	-0.5	1	9.6	4.1	0.1
6/5/2020 12:54 AM	-0.5	1	9.6	18.7	0.1
6/5/2020 1:00 AM	-0.5	1	9.4	22.5	0.1
6/5/2020 1:06 AM	-0.5	1	9.5	16.1	0.1
6/5/2020 1:12 AM	-0.5	1	9.7	13	0.1
6/5/2020 1:18 AM	-0.5	1	9.9	12.1	0.1
6/5/2020 1:24 AM	-0.5	1	9.6	12.5	0.1
6/5/2020 1:30 AM	-0.5	1	9.1	14.6	0.1
6/5/2020 1:36 AM	-0.5	1	9	17.2	12.2
6/5/2020 1:42 AM	-0.5	1	8.9	16.5	19.8
6/5/2020 1:48 AM	-0.5	1	8.8	14.9	11.3
6/5/2020 1:54 AM	-0.5	1	8.6	14.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/5/2020 2:00 AM	-0.5	1	8.5	14.3	5.9
6/5/2020 2:06 AM	-0.5	1	8.4	14.3	5.4
6/5/2020 2:12 AM	-0.5	1	8.1	14.3	5.8
6/5/2020 2:18 AM	-0.5	1.1	7.9	14	6.2
6/5/2020 2:24 AM	-0.5	1.1	7.8	14.5	5.9
6/5/2020 2:30 AM	-0.5	1.2	7.7	11.2	3.9
6/5/2020 2:36 AM	-0.5	1.3	7.5	2.8	1
6/5/2020 2:42 AM	-0.5	1.3	7.3	-0.3	0.1
6/5/2020 2:48 AM	-0.5	1.4	7.2	-0.3	0.1
6/5/2020 2:54 AM	-0.5	1.4	7.2	-0.3	0.1
6/5/2020 3:00 AM	-0.6	1.3	7.2	-0.3	0.1
6/5/2020 3:06 AM	-0.6	1.3	7.2	-0.3	0.1
6/5/2020 3:12 AM	-0.6	1.4	7.3	-0.3	0.1
6/5/2020 3:18 AM	-0.6	1.4	7.3	-0.3	0.1
6/5/2020 3:24 AM	-0.6	1.4	7.3	-0.3	0.1
6/5/2020 3:30 AM	-0.6	1.4	7.3	-0.3	0.1
6/5/2020 3:36 AM	-0.6	1.3	7.5	-0.3	0.1
6/5/2020 3:42 AM	-0.6	1.3	7.6	-0.3	0.1
6/5/2020 3:48 AM	-0.6	1.2	7.7	-0.3	0.1
6/5/2020 3:54 AM	-0.6	1.2	7.9	-0.4	0.1
6/5/2020 4:00 AM	-0.6	1.2	8.1	-0.4	0.1
6/5/2020 4:06 AM	-0.6	1.2	8.2	-0.3	0.1
6/5/2020 4:12 AM	-0.6	1.1	8.4	-0.3	0.1
6/5/2020 4:18 AM	-0.6	1.1	8.4	-0.4	0.1
6/5/2020 4:24 AM	-0.6	1.1	8.4	-0.4	0.1
6/5/2020 4:30 AM	-0.5	1.1	8.5	-0.4	0.1
6/5/2020 4:36 AM	-0.5	1.1	8.7	-0.4	0.1
6/5/2020 4:42 AM	-0.5	1.1	8.9	-0.3	0.2
6/5/2020 4:48 AM	-0.5	1.1	9	-0.3	0.2
6/5/2020 4:54 AM	-0.5	1.1	9.1	-0.3	0.1
6/5/2020 5:00 AM	-0.5	1.1	9.1	-0.4	0.2
6/5/2020 5:06 AM	-0.5	1.1	9.2	-0.4	0.2
6/5/2020 5:12 AM	-0.5	1.1	9.2	-0.4	0.2
6/5/2020 5:18 AM	-0.5	1.1	9	-0.4	0.1
6/5/2020 5:24 AM	-0.5	1.1	9.1	-0.4	0.1
6/5/2020 5:30 AM	-0.5	1.1	9.2	-0.3	0.2
6/5/2020 5:36 AM	-0.5	1.1	9.2	-0.4	0.1
6/5/2020 5:42 AM	-0.5	1.2	9.1	-0.4	0.1
6/5/2020 5:48 AM	-0.5	1.2	9	-0.3	0.1
6/5/2020 5:54 AM	-0.5	1.2	9	-0.4	0.1
6/5/2020 6:00 AM	-0.5	1.2	8.8	-0.4	0.1
6/5/2020 6:06 AM	-0.5	1.2	8.5	-0.4	0.1
6/5/2020 6:12 AM	-0.5	1.2	8.3	-0.3	0.1
6/5/2020 6:18 AM	-0.5	1.3	8.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/5/2020 6:24 AM	-0.5	1.3	8.2	-0.3	0.1
6/5/2020 6:30 AM	-0.5	1.3	8.4	-0.3	0.2
6/5/2020 6:36 AM	-0.5	1.3	8.5	-0.3	0.2
6/5/2020 6:42 AM	-0.5	1.4	8.5	-0.3	0.1
6/5/2020 6:48 AM	-0.6	1.4	8.5	-0.3	0.1
6/5/2020 6:54 AM	-0.6	1.4	8.4	-0.3	0.1
6/5/2020 7:00 AM	-0.6	1.5	8.3	-0.3	0.1
6/5/2020 7:06 AM	-0.6	1.5	8.3	-0.3	0.1
6/5/2020 7:12 AM	-0.6	1.4	8.3	-0.3	0.1
6/5/2020 7:18 AM	-0.6	1.4	8.2	-0.3	0.2
6/5/2020 7:24 AM	-0.6	1.4	8.4	-0.3	0.2
6/5/2020 7:30 AM	-0.6	1.4	8.5	-0.3	0.2
6/5/2020 7:36 AM	-0.6	1.4	8.5	-0.3	0.1
6/5/2020 7:42 AM	-0.6	1.4	8.3	-0.3	0.1
6/5/2020 7:48 AM	-0.6	1.5	7.9	-0.3	0.2
6/5/2020 7:54 AM	-0.6	1.5	7.8	-0.3	0.1
6/5/2020 8:00 AM	-0.6	1.5	7.9	-0.3	0.1
6/5/2020 8:06 AM	-0.6	1.5	7.9	-0.3	0.1
6/5/2020 8:12 AM	-0.6	1.5	7.8	-0.3	0.1
6/5/2020 8:18 AM	-0.6	1.5	7.7	-0.3	0.1
6/5/2020 8:24 AM	-0.6	1.5	7.7	-0.3	0.1
6/5/2020 8:30 AM	-0.6	1.5	7.9	-0.3	0.1
6/5/2020 8:36 AM	-0.6	1.5	8	-0.3	0.2
6/5/2020 8:42 AM	-0.6	1.5	7.9	-0.3	0.2
6/5/2020 8:48 AM	-0.6	1.6	7.8	-0.3	0.1
6/5/2020 8:54 AM	-0.5	1.7	7.7	-0.3	0.1
6/5/2020 9:00 AM	-0.5	1.8	7.8	-0.3	0.1
6/5/2020 9:06 AM	-0.5	1.8	7.7	-0.3	0.2
6/5/2020 9:12 AM	-0.5	1.9	7.6	-0.3	0.2
6/5/2020 9:18 AM	-0.5	1.9	7.4	-0.3	0.2
6/5/2020 9:24 AM	-0.5	1.9	7.3	-0.3	0.1
6/5/2020 9:30 AM	-0.5	1.8	7.4	-0.3	0.2
6/5/2020 9:36 AM	-0.5	1.8	7.5	-0.3	0.2
6/5/2020 9:42 AM	-0.5	1.7	7.5	-0.3	5.6
6/5/2020 9:48 AM	-0.5	1.7	5.4	-0.3	12.5
6/5/2020 9:54 AM	-0.5	1.7	3.7	-0.3	10.3
6/5/2020 10:00 AM	-0.5	1.7	4.8	-0.3	8.3
6/5/2020 10:06 AM	-0.5	1.7	5.3	-0.3	7
6/5/2020 10:12 AM	-0.5	1.7	5.4	-0.3	6.6
6/5/2020 10:18 AM	-0.5	1.8	5.4	-0.4	6.9
6/5/2020 10:24 AM	-0.5	1.9	5.3	-0.3	7
6/5/2020 10:30 AM	-0.5	1.9	5.2	-0.3	6.4
6/5/2020 10:36 AM	-0.5	1.9	5.2	-0.3	5.7
6/5/2020 10:42 AM	-0.5	1.9	5.2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/5/2020 10:48 AM	-0.5	1.9	5.2	-0.3	4.7
6/5/2020 10:54 AM	-0.5	1.9	5.1	-0.3	4.5
6/5/2020 11:00 AM	-0.5	1.9	4.7	-0.4	3.8
6/5/2020 11:06 AM	-0.5	1.9	4.5	-0.3	3.3
6/5/2020 11:12 AM	-0.5	1.9	4.4	-0.3	3.4
6/5/2020 11:18 AM	-0.5	2	4.1	-0.4	3.3
6/5/2020 11:24 AM	-0.5	2.1	2.6	-0.4	2.6
6/5/2020 11:30 AM	-0.5	2.1	1.5	-0.4	2.3
6/5/2020 11:36 AM	-0.5	2.1	1.4	-0.4	2.4
6/5/2020 11:42 AM	-0.4	2.1	1.4	-0.4	2.4
6/5/2020 11:48 AM	-0.4	2.1	1.4	-0.4	2.5
6/5/2020 11:54 AM	-0.4	2.1	1.4	-0.4	2.5
6/5/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/5/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/5/2020 12:12 PM	<Samp	<Samp	<Samp	<Samp	<Samp
6/5/2020 12:18 PM	Maintain	Maintain	Maintain	Maintain	Maintain
6/5/2020 12:24 PM	Maintain	Maintain	Maintain	Maintain	Maintain
6/5/2020 12:30 PM	Maintain	Maintain	Maintain	Maintain	Maintain
6/5/2020 12:36 PM	<Samp	<Samp	<Samp	<Samp	<Samp
6/5/2020 12:42 PM	-0.4	2.6	2.2	-0.5	2.4
6/5/2020 12:48 PM	-0.4	2.4	2.3	-0.5	2.4
6/5/2020 12:54 PM	-0.4	2.2	2.2	-0.5	2.5
6/5/2020 1:00 PM	-0.4	2.1	2.2	-0.5	2.4
6/5/2020 1:06 PM	-0.4	2.1	2.2	-0.5	2.4
6/5/2020 1:12 PM	-0.4	2	2.2	-0.5	2.4
6/5/2020 1:18 PM	-0.4	2	2.2	-0.5	2.4
6/5/2020 1:24 PM	-0.4	1.9	2.3	-0.5	2.4
6/5/2020 1:30 PM	-0.4	1.8	2.2	-0.5	2.4
6/5/2020 1:36 PM	-0.4	1.7	2.2	-0.5	2.4
6/5/2020 1:42 PM	-0.4	1.6	2.2	-0.5	2.4
6/5/2020 1:48 PM	-0.3	1.6	2.2	-0.5	2.4
6/5/2020 1:54 PM	-0.3	1.6	2.1	-0.5	2.4
6/5/2020 2:00 PM	-0.3	1.6	2.2	-0.5	2.4
6/5/2020 2:06 PM	-0.3	1.6	2.2	-0.5	2.4
6/5/2020 2:12 PM	-0.3	1.6	2.1	-0.5	2.4
6/5/2020 2:18 PM	-0.3	1.6	2	-0.5	2.4
6/5/2020 2:24 PM	-0.3	1.6	2	-0.5	2.4
6/5/2020 2:30 PM	-0.3	1.6	2	-0.5	2.4
6/5/2020 2:36 PM	-0.3	1.6	2	-0.5	2.4
6/5/2020 2:42 PM	-0.3	1.6	2.1	-0.5	2.4
6/5/2020 2:48 PM	-0.3	1.6	2.1	-0.5	2.4
6/5/2020 2:54 PM	-0.3	1.6	2.2	-0.5	2.4
6/5/2020 3:00 PM	-0.3	1.6	2.2	-0.5	2.5
6/5/2020 3:06 PM	-0.3	1.6	2.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/5/2020 3:12 PM	-0.3	1.7	2.2	-0.5	2.4
6/5/2020 3:18 PM	-0.3	1.7	2.3	-0.5	2.5
6/5/2020 3:24 PM	-0.3	1.6	2.3	-0.5	2.5
6/5/2020 3:30 PM	-0.3	1.6	2.2	-0.5	2.5
6/5/2020 3:36 PM	-0.3	1.6	1.9	-0.5	2.5
6/5/2020 3:42 PM	-0.3	1.5	1.9	-0.5	2.5
6/5/2020 3:48 PM	-0.3	1.5	1.9	-0.5	2.6
6/5/2020 3:54 PM	-0.3	1.4	1.9	-0.5	2.5
6/5/2020 4:00 PM	-0.3	1.3	1.8	-0.4	2.5
6/5/2020 4:06 PM	-0.3	1.3	1.9	-0.4	2.5
6/5/2020 4:12 PM	-0.3	1.3	1.9	-0.4	2.5
6/5/2020 4:18 PM	-0.3	1.3	1.9	-0.4	2.4
6/5/2020 4:24 PM	-0.4	1.3	1.9	-0.4	2.5
6/5/2020 4:30 PM	-0.4	1.2	1.9	-0.4	2.5
6/5/2020 4:36 PM	-0.4	1.2	1.8	-0.4	2.5
6/5/2020 4:42 PM	-0.4	1.1	1.8	-0.4	2.5
6/5/2020 4:48 PM	-0.4	1.1	1.8	-0.4	2.5
6/5/2020 4:54 PM	-0.4	1.1	1.8	-0.4	2.5
6/5/2020 5:00 PM	-0.4	1	1.8	-0.4	2.5
6/5/2020 5:06 PM	-0.4	1	1.9	-0.4	2.5
6/5/2020 5:12 PM	-0.3	1.3	1.7	-0.4	2.5
6/5/2020 5:18 PM	-0.3	1.6	1.4	-0.3	2.5
6/5/2020 5:24 PM	-0.3	1.4	2.7	-0.3	2.6
6/5/2020 5:30 PM	-0.3	1.2	4.8	-0.3	3
6/5/2020 5:36 PM	-0.3	1.1	5.2	-0.3	3.8
6/5/2020 5:42 PM	-0.4	1	5.5	-0.3	6.5
6/5/2020 5:48 PM	-0.4	1	5.8	-0.3	9.4
6/5/2020 5:54 PM	-0.4	1	6.1	-0.3	9
6/5/2020 6:00 PM	-0.4	0.9	6.3	-0.3	8.5
6/5/2020 6:06 PM	-0.4	0.9	6.2	-0.3	7.7
6/5/2020 6:12 PM	-0.4	0.9	6.2	-0.3	7.4
6/5/2020 6:18 PM	-0.4	0.9	6.3	-0.3	7.3
6/5/2020 6:24 PM	-0.4	0.9	6.5	-0.3	7.3
6/5/2020 6:30 PM	-0.4	0.8	6.6	-0.3	7.1
6/5/2020 6:36 PM	-0.4	0.8	6.5	-0.3	6.9
6/5/2020 6:42 PM	-0.4	0.8	6.5	-0.3	6.9
6/5/2020 6:48 PM	-0.4	0.8	6.3	-0.3	6.9
6/5/2020 6:54 PM	-0.4	0.8	6.3	-0.3	6.8
6/5/2020 7:00 PM	-0.5	0.8	6.2	-0.3	5.4
6/5/2020 7:06 PM	-0.5	0.8	6.1	-0.3	3.3
6/5/2020 7:12 PM	-0.5	0.8	6.1	-0.3	2.9
6/5/2020 7:18 PM	-0.5	0.8	6.1	-0.3	3
6/5/2020 7:24 PM	-0.5	0.8	6.2	-0.3	3.1
6/5/2020 7:30 PM	-0.5	0.8	6.2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/5/2020 7:36 PM	-0.5	0.8	6	-0.3	2.6
6/5/2020 7:42 PM	-0.5	0.8	5.8	-0.3	2.2
6/5/2020 7:48 PM	-0.5	0.8	5.7	-0.3	2.3
6/5/2020 7:54 PM	-0.5	0.8	5.7	-0.3	2.4
6/5/2020 8:00 PM	-0.5	0.8	5.6	-0.3	2.4
6/5/2020 8:06 PM	-0.5	0.8	5.6	-0.3	2.4
6/5/2020 8:12 PM	-0.5	0.9	5.6	-0.3	2.4
6/5/2020 8:18 PM	-0.5	0.9	5.6	-0.3	2.4
6/5/2020 8:24 PM	-0.5	0.9	5.6	-0.3	2.4
6/5/2020 8:30 PM	-0.5	0.9	5.4	-0.3	2.3
6/5/2020 8:36 PM	-0.5	0.9	5.3	-0.3	2.3
6/5/2020 8:42 PM	-0.5	0.9	5.4	-0.3	2.3
6/5/2020 8:48 PM	-0.5	0.9	5.3	-0.3	2.3
6/5/2020 8:54 PM	-0.5	1	4	-0.3	2.3
6/5/2020 9:00 PM	-0.5	1	3	-0.3	2.3
6/5/2020 9:06 PM	-0.5	1	2.9	-0.3	2.3
6/5/2020 9:12 PM	-0.5	1	2.8	-0.3	2.4
6/5/2020 9:18 PM	-0.5	1.1	2.6	-0.3	2.4
6/5/2020 9:24 PM	-0.5	1.1	2.5	-0.3	2.4
6/5/2020 9:30 PM	-0.5	1.2	2.5	-0.3	2.4
6/5/2020 9:36 PM	-0.5	1.2	2.6	-0.3	2.4
6/5/2020 9:42 PM	-0.5	1.2	2.3	-0.3	2.4
6/5/2020 9:48 PM	-0.5	1.2	2	-0.3	2.4
6/5/2020 9:54 PM	-0.5	1.2	2	-0.3	2.4
6/5/2020 10:00 PM	-0.5	1.1	2	-0.3	2.4
6/5/2020 10:06 PM	-0.5	1.1	2	-0.3	2.4
6/5/2020 10:12 PM	-0.5	1.1	1.9	-0.3	2.4
6/5/2020 10:18 PM	-0.5	1.2	1.9	-0.3	2.4
6/5/2020 10:24 PM	-0.5	1.2	2	-0.3	2.4
6/5/2020 10:30 PM	-0.5	1.2	2	-0.3	2.4
6/5/2020 10:36 PM	-0.5	1.2	1.7	-0.3	2.4
6/5/2020 10:42 PM	-0.5	1.2	1.5	-0.3	2.4
6/5/2020 10:48 PM	-0.5	1.2	1.5	-0.3	2.4
6/5/2020 10:54 PM	-0.5	1.2	1.7	-0.3	2.5
6/5/2020 11:00 PM	-0.5	1.2	1.8	-0.3	2.5
6/5/2020 11:06 PM	-0.5	1.2	1.8	-0.3	2.4
6/5/2020 11:12 PM	-0.5	1.2	1.6	-0.3	2.4
6/5/2020 11:18 PM	-0.5	1.3	1.4	-0.2	2.5
6/5/2020 11:24 PM	-0.5	1.3	1.4	-0.2	2.4
6/5/2020 11:30 PM	-0.5	1.3	1.5	-0.2	2.4
6/5/2020 11:36 PM	-0.5	1.3	1.5	-0.2	2.5
6/5/2020 11:42 PM	-0.5	1.2	1.5	-0.2	2.5
6/5/2020 11:48 PM	-0.5	1.2	1.6	-0.2	2.5
6/5/2020 11:54 PM	-0.5	1.2	1.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 12:00 AM	-0.5	1.2	2	-0.2	2.5
6/6/2020 12:06 AM	-0.5	1.2	2.1	-0.2	2.6
6/6/2020 12:12 AM	-0.5	1.2	2.1	-0.2	2.6
6/6/2020 12:18 AM	-0.5	1.2	2.2	-0.2	2.5
6/6/2020 12:24 AM	-0.5	1.2	3.1	-0.2	2.4
6/6/2020 12:30 AM	-0.5	1.2	4.2	-0.2	2.4
6/6/2020 12:36 AM	-0.5	1.2	4.2	-0.3	2.4
6/6/2020 12:42 AM	-0.5	1.1	4	-0.3	2.5
6/6/2020 12:48 AM	-0.5	1.1	3.8	-0.3	2.4
6/6/2020 12:54 AM	-0.5	1.1	3.6	-0.3	2.4
6/6/2020 1:00 AM	-0.5	1.1	3.6	-0.3	2.4
6/6/2020 1:06 AM	-0.5	1.1	3.7	-0.3	2.4
6/6/2020 1:12 AM	-0.5	1.1	3.6	-0.3	2.4
6/6/2020 1:18 AM	-0.5	1.1	3.4	-0.3	2.5
6/6/2020 1:24 AM	-0.5	1.1	3.3	-0.2	2.5
6/6/2020 1:30 AM	-0.4	1.1	3	-0.2	2.4
6/6/2020 1:36 AM	-0.4	1.1	2.8	-0.2	2.4
6/6/2020 1:42 AM	-0.4	1.2	2.9	-0.2	2.4
6/6/2020 1:48 AM	-0.4	1.2	3	-0.2	2.4
6/6/2020 1:54 AM	-0.4	1.2	3.1	-0.2	2
6/6/2020 2:00 AM	-0.4	1.2	2.9	-0.3	0.7
6/6/2020 2:06 AM	-0.5	1.2	2.8	-0.3	0.1
6/6/2020 2:12 AM	-0.5	1.2	2.7	-0.3	0.1
6/6/2020 2:18 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 2:24 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 2:30 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 2:36 AM	-0.4	1.1	2.7	-0.3	0
6/6/2020 2:42 AM	-0.4	1.1	2.7	-0.3	0
6/6/2020 2:48 AM	-0.4	1.1	2.6	-0.3	0
6/6/2020 2:54 AM	-0.4	1.1	2.7	-0.3	0
6/6/2020 3:00 AM	-0.4	1.1	2.7	-0.3	0
6/6/2020 3:06 AM	-0.4	1.1	2.6	-0.3	0
6/6/2020 3:12 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 3:18 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 3:24 AM	-0.4	1.1	2.7	-0.3	0.1
6/6/2020 3:30 AM	-0.4	1	2.6	-0.3	0.1
6/6/2020 3:36 AM	-0.4	1	2.6	-0.3	0.1
6/6/2020 3:42 AM	-0.4	1	2.6	-0.3	0
6/6/2020 3:48 AM	-0.4	1	2.6	-0.3	0
6/6/2020 3:54 AM	-0.4	1	2.6	-0.3	0
6/6/2020 4:00 AM	-0.4	1	2.5	-0.3	0.1
6/6/2020 4:06 AM	-0.4	0.9	2.5	-0.3	0
6/6/2020 4:12 AM	-0.4	0.9	2.6	-0.3	0.1
6/6/2020 4:18 AM	-0.4	0.9	2.6	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 4:24 AM	-0.4	0.9	2.6	-0.3	0
6/6/2020 4:30 AM	-0.4	0.9	2.5	-0.3	0
6/6/2020 4:36 AM	-0.4	0.8	2.5	-0.3	0
6/6/2020 4:42 AM	-0.4	0.8	2.5	-0.3	0.1
6/6/2020 4:48 AM	-0.4	0.8	2.5	-0.3	0
6/6/2020 4:54 AM	-0.4	0.8	2.5	-0.3	0
6/6/2020 5:00 AM	-0.4	0.8	2.5	-0.3	0
6/6/2020 5:06 AM	-0.4	0.9	2.5	-0.3	0.1
6/6/2020 5:12 AM	-0.4	1	2.4	-0.3	0
6/6/2020 5:18 AM	-0.4	1.2	2.4	-0.3	0
6/6/2020 5:24 AM	-0.4	1.4	2.2	-0.3	0
6/6/2020 5:30 AM	-0.4	1.7	2.1	-0.3	0
6/6/2020 5:36 AM	-0.4	2	2.1	-0.3	0
6/6/2020 5:42 AM	-0.4	2.2	2	-0.3	0
6/6/2020 5:48 AM	-0.4	2.3	2	-0.3	0
6/6/2020 5:54 AM	-0.4	2.4	2	-0.3	0.1
6/6/2020 6:00 AM	-0.4	2.4	2	-0.3	0
6/6/2020 6:06 AM	-0.4	2.4	2	-0.3	0
6/6/2020 6:12 AM	-0.4	2.2	2.2	-0.3	0
6/6/2020 6:18 AM	-0.4	1.9	2.3	-0.3	0
6/6/2020 6:24 AM	-0.4	1.9	2.3	-0.3	0.1
6/6/2020 6:30 AM	-0.4	2	2.2	-0.3	0
6/6/2020 6:36 AM	-0.4	2.3	2.1	-0.3	0
6/6/2020 6:42 AM	-0.4	2.4	2	-0.3	0
6/6/2020 6:48 AM	-0.4	2.4	2	-0.3	0
6/6/2020 6:54 AM	-0.4	2.3	2	-0.3	0
6/6/2020 7:00 AM	-0.4	2.1	2.1	-0.3	0
6/6/2020 7:06 AM	-0.4	1.9	2.2	-0.3	0
6/6/2020 7:12 AM	-0.4	2.1	2.2	-0.3	0
6/6/2020 7:18 AM	-0.4	2.2	2	-0.3	0.1
6/6/2020 7:24 AM	-0.4	2.2	2	-0.3	0
6/6/2020 7:30 AM	-0.4	2.2	2	-0.4	0.1
6/6/2020 7:36 AM	-0.4	2.1	2	-0.4	0.1
6/6/2020 7:42 AM	-0.4	2.1	2	-0.4	0
6/6/2020 7:48 AM	-0.4	2	2	-0.4	0.1
6/6/2020 7:54 AM	-0.4	1.9	2.1	-0.4	0.1
6/6/2020 8:00 AM	-0.4	1.7	2.1	-0.4	0
6/6/2020 8:06 AM	-0.4	1.7	2.2	-0.4	0
6/6/2020 8:12 AM	-0.4	1.6	2.2	-0.4	0
6/6/2020 8:18 AM	-0.3	1.5	2.2	-0.4	0
6/6/2020 8:24 AM	-0.3	1.5	2.2	-0.4	0
6/6/2020 8:30 AM	-0.3	1.4	2.2	-0.4	0
6/6/2020 8:36 AM	-0.3	1.4	2.3	-0.4	0
6/6/2020 8:42 AM	-0.3	1.4	2.4	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 8:48 AM	-0.3	1.3	2.5	-0.4	0
6/6/2020 8:54 AM	-0.3	1.2	2.7	-0.4	0
6/6/2020 9:00 AM	-0.3	1.2	2.7	-0.4	0
6/6/2020 9:06 AM	-0.3	1.1	2.8	-0.4	0
6/6/2020 9:12 AM	-0.3	1	2.8	-0.4	0
6/6/2020 9:18 AM	-0.3	0.9	3.5	-0.4	0
6/6/2020 9:24 AM	-0.3	0.7	4.1	-0.4	0
6/6/2020 9:30 AM	-0.3	0.5	4.1	-0.3	0
6/6/2020 9:36 AM	-0.3	0.3	4.3	-0.3	0
6/6/2020 9:42 AM	-0.3	0.1	4.4	-0.3	0
6/6/2020 9:48 AM	-0.3	0	4.5	-0.3	0.1
6/6/2020 9:54 AM	-0.3	0	4.6	-0.3	0
6/6/2020 10:00 AM	-0.3	0	4.6	-0.3	0
6/6/2020 10:06 AM	-0.3	0	4.7	-0.3	0
6/6/2020 10:12 AM	-0.3	0	4.8	-0.3	0
6/6/2020 10:18 AM	-0.3	-0.1	4.8	-0.3	0.1
6/6/2020 10:24 AM	-0.3	-0.1	4.9	-0.3	0.1
6/6/2020 10:30 AM	-0.3	-0.1	4.9	-0.3	0
6/6/2020 10:36 AM	-0.3	-0.1	4.9	-0.3	0
6/6/2020 10:42 AM	-0.3	-0.2	4.9	-0.3	0
6/6/2020 10:48 AM	-0.3	-0.2	5	-0.3	0
6/6/2020 10:54 AM	-0.3	-0.1	5.1	-0.3	0.1
6/6/2020 11:00 AM	-0.3	-0.1	5.2	-0.3	0
6/6/2020 11:06 AM	-0.3	-0.2	5.3	-0.3	0
6/6/2020 11:12 AM	-0.3	-0.2	5.3	-0.3	0.1
6/6/2020 11:18 AM	-0.3	-0.1	5.3	-0.3	0.1
6/6/2020 11:24 AM	-0.3	-0.1	5.3	-0.3	0
6/6/2020 11:30 AM	-0.3	-0.1	5.3	-0.3	0.1
6/6/2020 11:36 AM	-0.3	-0.1	5.2	-0.3	3.2
6/6/2020 11:42 AM	-0.3	-0.1	4.7	-0.3	9.2
6/6/2020 11:48 AM	-0.3	0	3.5	-0.3	8.8
6/6/2020 11:54 AM	-0.3	0.2	2.5	-0.3	7.5
6/6/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/6/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/6/2020 12:12 PM	0.5	0.5	2	-0.2	5
6/6/2020 12:18 PM	0.5	0.6	2	-0.2	4.4
6/6/2020 12:24 PM	0.5	0.7	2	-0.2	3.9
6/6/2020 12:30 PM	0.5	0.8	2	-0.2	3.6
6/6/2020 12:36 PM	0.5	0.8	2	-0.2	3.4
6/6/2020 12:42 PM	0.5	0.9	2.2	-0.2	3.3
6/6/2020 12:48 PM	0.5	0.9	2.4	-0.2	3.2
6/6/2020 12:54 PM	0.5	0.9	2.5	-0.2	3.3
6/6/2020 1:00 PM	0.5	0.9	4	-0.2	3.5
6/6/2020 1:06 PM	0.5	0.9	5.5	-0.2	4.1

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 1:12 PM	0.5	0.9	4.4	-0.2	4.3
6/6/2020 1:18 PM	0.5	0.9	3.9	-0.2	3.9
6/6/2020 1:24 PM	0.5	0.9	3.7	-0.2	3.8
6/6/2020 1:30 PM	0.5	0.8	3.6	-0.2	3.7
6/6/2020 1:36 PM	0.5	0.9	3.5	-0.1	3.6
6/6/2020 1:42 PM	0.5	0.6	3.8	-0.1	3.5
6/6/2020 1:48 PM	0.5	0.2	4.5	-0.1	3.3
6/6/2020 1:54 PM	0.5	0.3	4.7	0	3.3
6/6/2020 2:00 PM	0.5	0.4	4.6	0	3.4
6/6/2020 2:06 PM	0.5	0.5	4.4	-0.1	3.5
6/6/2020 2:12 PM	0.4	0.4	4.2	-0.1	3.5
6/6/2020 2:18 PM	0.4	0.5	4.2	-0.1	3.5
6/6/2020 2:24 PM	0.4	0.6	4.2	-0.1	3.7
6/6/2020 2:30 PM	0.4	0.8	4.2	-0.1	3.7
6/6/2020 2:36 PM	0.4	0.9	4.1	-0.2	3.6
6/6/2020 2:42 PM	0.4	1	3.8	-0.2	3.7
6/6/2020 2:48 PM	0.4	1	3.8	-0.2	3.6
6/6/2020 2:54 PM	0.4	1.1	3.8	-0.2	3.5
6/6/2020 3:00 PM	0.4	1.1	3.8	-0.2	3.4
6/6/2020 3:06 PM	0.4	1.2	3.1	-0.2	2.8
6/6/2020 3:12 PM	0.4	1.2	2.5	-0.2	2.3
6/6/2020 3:18 PM	0.4	1.3	2.4	-0.1	2.3
6/6/2020 3:24 PM	0.4	1.4	2.2	-0.1	2.4
6/6/2020 3:30 PM	0.4	1.4	2.2	-0.1	2.4
6/6/2020 3:36 PM	0.4	1.3	2.2	-0.1	2.4
6/6/2020 3:42 PM	0.5	1.3	2.2	-0.1	2.5
6/6/2020 3:48 PM	0.5	1.4	2.3	-0.1	2.5
6/6/2020 3:54 PM	0.5	1.4	2.3	-0.1	2.4
6/6/2020 4:00 PM	0.5	1.3	2.2	-0.1	2.5
6/6/2020 4:06 PM	0.5	1	2.2	-0.1	2.5
6/6/2020 4:12 PM	0.5	0.7	2.2	-0.1	2.5
6/6/2020 4:18 PM	0.5	0.7	2.3	-0.1	2.5
6/6/2020 4:24 PM	0.5	0.9	2.3	-0.1	2.5
6/6/2020 4:30 PM	0.5	0.9	2.3	-0.1	2.5
6/6/2020 4:36 PM	0.5	0.8	2.3	-0.1	2.5
6/6/2020 4:42 PM	0.5	0.7	2.2	-0.1	2.5
6/6/2020 4:48 PM	0.5	0.7	2.2	-0.1	2.5
6/6/2020 4:54 PM	0.5	0.7	2.2	-0.1	2.5
6/6/2020 5:00 PM	0.5	0.6	2.3	-0.1	2.5
6/6/2020 5:06 PM	0.5	0.6	2.3	-0.1	2.5
6/6/2020 5:12 PM	0.5	0.8	2.3	-0.1	2.5
6/6/2020 5:18 PM	0.5	1.1	2.2	-0.1	2.5
6/6/2020 5:24 PM	0.5	1.2	2	-0.1	2.5
6/6/2020 5:30 PM	0.5	1.1	2.2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 5:36 PM	0.5	1.1	2.1	-0.1	2.5
6/6/2020 5:42 PM	0.5	1.1	2.1	-0.1	2.5
6/6/2020 5:48 PM	0.5	1.1	2.1	-0.1	2.5
6/6/2020 5:54 PM	0.4	1	2.2	-0.1	2.5
6/6/2020 6:00 PM	0.4	1	2.2	-0.1	2.5
6/6/2020 6:06 PM	0.4	1	2.2	-0.1	2.5
6/6/2020 6:12 PM	0.4	1.1	2.2	-0.1	2.5
6/6/2020 6:18 PM	0.4	1.2	2.3	-0.1	2.6
6/6/2020 6:24 PM	0.4	1.2	2.2	-0.1	2.5
6/6/2020 6:30 PM	0.4	1.3	2.2	-0.1	2.5
6/6/2020 6:36 PM	0.4	1.3	2.2	-0.1	2.5
6/6/2020 6:42 PM	0.4	1.4	2.1	-0.1	2.5
6/6/2020 6:48 PM	0.4	1.4	2.1	-0.1	2.5
6/6/2020 6:54 PM	0.4	1.4	2.2	-0.1	2.5
6/6/2020 7:00 PM	0.4	1.4	2.1	-0.1	2.5
6/6/2020 7:06 PM	0.4	1.3	2.2	-0.1	2.5
6/6/2020 7:12 PM	0.4	1.3	2.2	-0.1	2.4
6/6/2020 7:18 PM	0.4	1.3	2.3	-0.1	2.4
6/6/2020 7:24 PM	0.4	1.2	2.3	-0.1	2.5
6/6/2020 7:30 PM	0.4	1.2	2.2	-0.1	2.5
6/6/2020 7:36 PM	0.4	1.2	2.1	-0.1	2.4
6/6/2020 7:42 PM	0.4	1.2	2.1	-0.1	2.4
6/6/2020 7:48 PM	0.4	1.2	2.1	-0.1	2.5
6/6/2020 7:54 PM	0.4	1.2	2.1	-0.1	2.5
6/6/2020 8:00 PM	0.4	1.1	2.1	-0.1	2.6
6/6/2020 8:06 PM	0.4	1.1	2.1	-0.1	2.5
6/6/2020 8:12 PM	0.4	1.1	2	-0.1	2.5
6/6/2020 8:18 PM	0.4	1.1	2	-0.1	2.5
6/6/2020 8:24 PM	0.4	1	2.1	-0.1	2.5
6/6/2020 8:30 PM	0.4	1	2.1	-0.1	2.4
6/6/2020 8:36 PM	0.4	1	2.1	-0.1	2.4
6/6/2020 8:42 PM	0.4	1	2.2	-0.1	2.3
6/6/2020 8:48 PM	0.4	1	2.1	-0.1	2.2
6/6/2020 8:54 PM	0.4	1	2.1	-0.1	2.2
6/6/2020 9:00 PM	0.3	1	2	-0.1	2.3
6/6/2020 9:06 PM	0.3	1	2.1	-0.1	2.3
6/6/2020 9:12 PM	0.3	1	2.2	-0.1	2.3
6/6/2020 9:18 PM	0.3	1	2.2	-0.1	2.3
6/6/2020 9:24 PM	0.3	1	2.2	-0.1	2.3
6/6/2020 9:30 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 9:36 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 9:42 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 9:48 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 9:54 PM	0.3	0.9	2.1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/6/2020 10:00 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 10:06 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 10:12 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 10:18 PM	0.3	0.9	2.1	-0.1	2.2
6/6/2020 10:24 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 10:30 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 10:36 PM	0.3	0.9	2.1	-0.1	2.3
6/6/2020 10:42 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 10:48 PM	0.3	0.8	2.2	-0.1	2.2
6/6/2020 10:54 PM	0.3	0.8	2.2	-0.1	2.2
6/6/2020 11:00 PM	0.3	0.8	2.2	-0.1	2.2
6/6/2020 11:06 PM	0.3	0.8	2.1	-0.1	2.2
6/6/2020 11:12 PM	0.3	0.8	2.1	-0.1	2.2
6/6/2020 11:18 PM	0.3	0.8	2.2	-0.1	2.2
6/6/2020 11:24 PM	0.3	0.9	2.1	-0.1	2.2
6/6/2020 11:30 PM	0.3	0.9	2.2	-0.1	2.2
6/6/2020 11:36 PM	0.3	0.9	2.2	-0.1	2.3
6/6/2020 11:42 PM	0.2	0.9	2.1	-0.1	2.3
6/6/2020 11:48 PM	NoData	NoData	NoData	NoData	NoData
6/6/2020 11:54 PM	NoData	NoData	NoData	NoData	NoData
6/7/2020 12:00 AM	<Samp	<Samp	<Samp	<Samp	<Samp
6/7/2020 12:06 AM	0.2	0.9	2.1	-0.1	2.3
6/7/2020 12:12 AM	0.2	0.9	2.1	-0.1	2.3
6/7/2020 12:18 AM	0.2	0.9	2	-0.1	2.2
6/7/2020 12:24 AM	0.2	0.9	2.1	-0.1	2.2
6/7/2020 12:30 AM	0.2	0.9	2.1	-0.1	2.2
6/7/2020 12:36 AM	0.2	0.9	2.1	-0.1	2.3
6/7/2020 12:42 AM	0.2	0.9	2.2	-0.1	2.2
6/7/2020 12:48 AM	0.2	0.9	4.5	-0.1	1
6/7/2020 12:54 AM	0.2	0.9	6.4	-0.1	-0.1
6/7/2020 1:00 AM	0.2	0.9	6.3	-0.1	-0.1
6/7/2020 1:06 AM	0.2	0.9	6.1	-0.1	-0.1
6/7/2020 1:12 AM	0.2	0.9	6	-0.1	-0.1
6/7/2020 1:18 AM	0.2	0.9	5.9	-0.1	-0.1
6/7/2020 1:24 AM	0.2	0.9	5.9	-0.1	-0.1
6/7/2020 1:30 AM	0.2	0.9	5.9	-0.1	-0.1
6/7/2020 1:36 AM	0.2	0.9	5.7	-0.1	-0.1
6/7/2020 1:42 AM	0.2	0.8	5.5	-0.1	-0.1
6/7/2020 1:48 AM	0.2	0.8	5.5	-0.1	-0.1
6/7/2020 1:54 AM	0.2	0.7	5.4	-0.1	-0.1
6/7/2020 2:00 AM	0.2	0.7	5.3	-0.1	-0.1
6/7/2020 2:06 AM	0.2	0.7	5.3	-0.1	-0.1
6/7/2020 2:12 AM	0.2	0.6	5.3	-0.1	-0.1
6/7/2020 2:18 AM	0.2	0.6	5.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/7/2020 2:24 AM	0.2	0.6	5.4	-0.1	-0.1
6/7/2020 2:30 AM	0.2	0.6	5.7	-0.1	-0.1
6/7/2020 2:36 AM	0.2	0.6	5.8	-0.1	-0.1
6/7/2020 2:42 AM	0.1	0.6	5.4	-0.1	-0.1
6/7/2020 2:48 AM	0.1	0.6	5.2	-0.1	-0.1
6/7/2020 2:54 AM	0.1	0.6	5.2	-0.1	-0.1
6/7/2020 3:00 AM	0.1	0.6	5.2	-0.1	-0.1
6/7/2020 3:06 AM	0.1	0.6	5	-0.1	-0.1
6/7/2020 3:12 AM	0.1	0.6	4.9	-0.1	-0.1
6/7/2020 3:18 AM	0.1	0.6	4.9	-0.1	-0.1
6/7/2020 3:24 AM	0.1	0.6	3.9	-0.1	-0.1
6/7/2020 3:30 AM	0.1	0.6	2.3	-0.1	-0.1
6/7/2020 3:36 AM	0.1	0.5	1.7	-0.1	-0.1
6/7/2020 3:42 AM	0.1	0.5	1.6	-0.1	-0.1
6/7/2020 3:48 AM	0.1	0.5	1.5	-0.1	-0.1
6/7/2020 3:54 AM	0.1	0.5	1.5	-0.1	-0.2
6/7/2020 4:00 AM	0.1	0.5	1.5	-0.1	-0.1
6/7/2020 4:06 AM	0.1	0.5	2	-0.1	-0.1
6/7/2020 4:12 AM	0.1	0.5	2.6	-0.1	-0.1
6/7/2020 4:18 AM	0.1	0.5	2.7	-0.1	-0.2
6/7/2020 4:24 AM	0.1	0.4	2.7	-0.1	-0.1
6/7/2020 4:30 AM	0.1	0.4	2.7	-0.1	-0.1
6/7/2020 4:36 AM	0.1	0.4	2.8	-0.1	-0.1
6/7/2020 4:42 AM	0.1	0.5	2.7	-0.1	-0.1
6/7/2020 4:48 AM	0.1	0.6	2.8	-0.1	-0.1
6/7/2020 4:54 AM	0.1	0.9	2.7	-0.1	-0.2
6/7/2020 5:00 AM	0.1	1.2	2.4	-0.1	-0.1
6/7/2020 5:06 AM	0.1	1.5	2.3	-0.1	-0.2
6/7/2020 5:12 AM	0.1	1.6	2.2	-0.1	-0.2
6/7/2020 5:18 AM	0.1	1.7	2.1	-0.1	-0.2
6/7/2020 5:24 AM	0.1	1.7	2.2	-0.1	-0.1
6/7/2020 5:30 AM	0.1	1.8	2.3	-0.1	-0.1
6/7/2020 5:36 AM	0.1	1.8	2.4	-0.1	-0.1
6/7/2020 5:42 AM	0.1	1.8	2.3	-0.1	-0.1
6/7/2020 5:48 AM	0.1	1.8	2.2	-0.1	-0.2
6/7/2020 5:54 AM	0.1	1.7	2.2	-0.1	-0.2
6/7/2020 6:00 AM	0.1	1.7	2.1	-0.1	-0.2
6/7/2020 6:06 AM	0.1	1.7	2.2	-0.1	-0.2
6/7/2020 6:12 AM	0.1	1.6	2.2	-0.1	-0.1
6/7/2020 6:18 AM	0.1	1.5	2.1	-0.1	-0.2
6/7/2020 6:24 AM	0.1	1.5	2.1	-0.1	-0.2
6/7/2020 6:30 AM	0.1	1.4	2.1	-0.1	-0.1
6/7/2020 6:36 AM	0.1	1.3	2.2	-0.1	-0.1
6/7/2020 6:42 AM	0.1	1.2	2.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/7/2020 6:48 AM	0.1	1	2.2	-0.2	-0.1
6/7/2020 6:54 AM	0.1	0.9	2.2	-0.2	-0.1
6/7/2020 7:00 AM	0.1	0.8	2.1	-0.2	-0.1
6/7/2020 7:06 AM	0.1	0.8	2.1	-0.2	-0.1
6/7/2020 7:12 AM	0.1	0.7	2.6	-0.2	-0.1
6/7/2020 7:18 AM	0.1	0.6	3.9	-0.2	-0.1
6/7/2020 7:24 AM	0.1	0.6	3.5	-0.2	-0.1
6/7/2020 7:30 AM	0.1	0.5	3	-0.2	-0.1
6/7/2020 7:36 AM	0.1	0.5	3	-0.2	-0.1
6/7/2020 7:42 AM	0.2	0.4	3.1	-0.2	-0.1
6/7/2020 7:48 AM	0.2	0.3	3.1	-0.2	-0.1
6/7/2020 7:54 AM	0.2	0.1	3.1	-0.2	-0.1
6/7/2020 8:00 AM	0.2	0	3.1	-0.2	-0.1
6/7/2020 8:06 AM	0.2	-0.1	3.1	-0.2	-0.1
6/7/2020 8:12 AM	0.2	-0.3	3.3	-0.2	-0.1
6/7/2020 8:18 AM	0.2	-0.4	3.3	-0.2	-0.1
6/7/2020 8:24 AM	0.2	-0.5	3.3	-0.2	-0.1
6/7/2020 8:30 AM	0.2	-0.5	3.3	-0.2	-0.1
6/7/2020 8:36 AM	0.2	-0.5	3.2	-0.2	-0.1
6/7/2020 8:42 AM	0.2	-0.4	3.2	-0.1	-0.1
6/7/2020 8:48 AM	0.2	-0.4	3.2	-0.1	-0.1
6/7/2020 8:54 AM	0.2	-0.4	3.2	-0.2	-0.1
6/7/2020 9:00 AM	0.2	-0.3	3	-0.1	-0.1
6/7/2020 9:06 AM	0.3	-0.2	3	-0.1	-0.1
6/7/2020 9:12 AM	0.3	-0.2	3.2	-0.1	-0.1
6/7/2020 9:18 AM	0.3	-0.2	3.2	-0.1	-0.2
6/7/2020 9:24 AM	0.3	-0.2	3.2	-0.1	-0.2
6/7/2020 9:30 AM	0.3	0	3.1	-0.1	-0.1
6/7/2020 9:36 AM	0.3	0	3	-0.1	-0.1
6/7/2020 9:42 AM	0.3	0	3	-0.1	-0.1
6/7/2020 9:48 AM	0.3	0	3	-0.1	-0.1
6/7/2020 9:54 AM	0.3	0	3	-0.1	-0.1
6/7/2020 10:00 AM	0.3	0	2.9	-0.1	-0.2
6/7/2020 10:06 AM	0.3	0	3.5	-0.1	-0.1
6/7/2020 10:12 AM	0.3	0	4.3	-0.1	-0.1
6/7/2020 10:18 AM	0.3	0	4.3	-0.1	-0.1
6/7/2020 10:24 AM	0.3	0.1	4.5	-0.1	-0.1
6/7/2020 10:30 AM	0.3	0.2	4.5	-0.1	-0.1
6/7/2020 10:36 AM	0.3	0.3	4.6	-0.1	-0.1
6/7/2020 10:42 AM	0.3	0.3	4.8	-0.1	-0.1
6/7/2020 10:48 AM	0.3	0.3	5	-0.1	-0.1
6/7/2020 10:54 AM	0.3	0.4	5.1	-0.1	-0.1
6/7/2020 11:00 AM	0.3	0.5	5.1	-0.1	-0.1
6/7/2020 11:06 AM	0.3	0.5	5.2	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/7/2020 11:12 AM	0.3	0.4	5.4	-0.1	-0.1
6/7/2020 11:18 AM	0.3	0.4	5.4	-0.1	-0.1
6/7/2020 11:24 AM	0.3	0.5	5.4	-0.1	-0.1
6/7/2020 11:30 AM	0.3	0.6	5.4	-0.1	-0.1
6/7/2020 11:36 AM	0.3	0.5	5.4	-0.1	-0.1
6/7/2020 11:42 AM	0.3	0.5	5.4	-0.1	-0.1
6/7/2020 11:48 AM	0.3	0.5	5.3	-0.1	-0.1
6/7/2020 11:54 AM	0.3	0.6	5.4	-0.1	-0.1
6/7/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/7/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/7/2020 12:12 PM	0.3	0.7	5.6	0	0
6/7/2020 12:18 PM	0.4	0.8	5.6	0	0
6/7/2020 12:24 PM	0.4	0.8	5.5	0	0
6/7/2020 12:30 PM	0.4	0.8	5.5	0	0
6/7/2020 12:36 PM	0.4	0.8	5.5	0	0
6/7/2020 12:42 PM	0.4	0.8	5.4	0	0
6/7/2020 12:48 PM	0.4	0.8	5.5	0	0
6/7/2020 12:54 PM	0.4	0.8	5.5	0	0
6/7/2020 1:00 PM	0.4	0.8	5.6	0	0
6/7/2020 1:06 PM	0.4	0.7	5.7	0	0
6/7/2020 1:12 PM	0.4	0.6	5.7	0	0
6/7/2020 1:18 PM	0.4	0.6	5.5	0	0
6/7/2020 1:24 PM	0.4	0.6	5.5	0	0
6/7/2020 1:30 PM	0.4	0.6	5.6	0	0
6/7/2020 1:36 PM	0.4	0.7	5.5	0	0
6/7/2020 1:42 PM	0.4	0.7	5.5	0	0
6/7/2020 1:48 PM	0.4	0.7	5.5	0	0
6/7/2020 1:54 PM	0.4	0.7	5.6	0	0
6/7/2020 2:00 PM	0.4	0.5	5.7	0	0
6/7/2020 2:06 PM	0.4	0.4	5.8	0	0
6/7/2020 2:12 PM	0.4	0.4	5.7	0	0
6/7/2020 2:18 PM	0.4	0.5	5.6	0	0
6/7/2020 2:24 PM	0.4	0.7	5.6	0	0
6/7/2020 2:30 PM	0.4	0.9	5.6	0	0
6/7/2020 2:36 PM	0.4	1.1	5.5	0	0
6/7/2020 2:42 PM	0.4	1.2	5.5	0	0
6/7/2020 2:48 PM	0.4	1.2	5.5	0	0
6/7/2020 2:54 PM	0.4	1.2	5.3	0	0
6/7/2020 3:00 PM	0.4	1.1	5.3	0	0
6/7/2020 3:06 PM	0.4	1	5.3	0	0
6/7/2020 3:12 PM	0.4	0.8	5.4	0	0
6/7/2020 3:18 PM	0.4	0.7	5.5	0	0
6/7/2020 3:24 PM	0.4	0.6	5.5	0	0
6/7/2020 3:30 PM	0.4	0.6	5.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/7/2020 3:36 PM	0.4	0.6	5.5	0	0
6/7/2020 3:42 PM	0.4	0.6	5.4	0	0
6/7/2020 3:48 PM	0.4	0.5	5.6	0	0
6/7/2020 3:54 PM	0.4	0.6	5.6	0	0
6/7/2020 4:00 PM	0.4	0.8	5.5	0	0
6/7/2020 4:06 PM	0.4	0.7	5.5	0	0
6/7/2020 4:12 PM	0.4	0.6	5.6	0	0
6/7/2020 4:18 PM	0.4	0.8	5.6	0	0
6/7/2020 4:24 PM	0.4	1.1	5.7	0	0
6/7/2020 4:30 PM	0.4	1.3	5.7	0	0
6/7/2020 4:36 PM	0.4	1.4	5.4	0	0
6/7/2020 4:42 PM	0.4	1.4	5.2	0	0
6/7/2020 4:48 PM	0.4	1.7	5.1	0	0
6/7/2020 4:54 PM	0.4	1.9	5.2	0	0
6/7/2020 5:00 PM	0.4	1.8	5.5	0	0
6/7/2020 5:06 PM	0.4	1.6	5.5	0	0.1
6/7/2020 5:12 PM	0.3	1.6	5.3	0	0
6/7/2020 5:18 PM	0.3	1.6	5.3	0	0
6/7/2020 5:24 PM	0.3	1.4	5.4	0	0
6/7/2020 5:30 PM	0.3	1.2	5.5	0	0
6/7/2020 5:36 PM	0.3	1.2	5.5	0	0
6/7/2020 5:42 PM	0.3	1.1	5.6	0	0
6/7/2020 5:48 PM	0.3	1	5.6	0	0
6/7/2020 5:54 PM	0.3	1	5.5	0	0
6/7/2020 6:00 PM	0.3	1.1	5.4	0	0
6/7/2020 6:06 PM	0.3	1.2	5.5	0	0
6/7/2020 6:12 PM	0.3	1.4	5.5	0	0
6/7/2020 6:18 PM	0.3	1.5	5.5	0	0
6/7/2020 6:24 PM	0.3	1.7	5.5	0	0
6/7/2020 6:30 PM	0.3	1.9	5.3	0	0.1
6/7/2020 6:36 PM	0.4	2.1	5.1	0	0.1
6/7/2020 6:42 PM	0.4	2.2	5	0	0.1
6/7/2020 6:48 PM	0.3	2.3	5	0	0
6/7/2020 6:54 PM	0.3	2.3	5	0	0.1
6/7/2020 7:00 PM	0.3	2.3	5	0	0.1
6/7/2020 7:06 PM	0.3	2.3	5	0	0.1
6/7/2020 7:12 PM	0.3	2.3	5	0	0.1
6/7/2020 7:18 PM	0.3	2.2	5	0	0.1
6/7/2020 7:24 PM	0.3	2.2	5.1	0	0.1
6/7/2020 7:30 PM	0.3	2.1	5.2	0	0
6/7/2020 7:36 PM	0.3	2.1	5.3	0	0.1
6/7/2020 7:42 PM	0.3	2	5.3	0	0.1
6/7/2020 7:48 PM	0.3	2	5.4	0	0
6/7/2020 7:54 PM	0.3	2	5.2	0	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/7/2020 8:00 PM	0.3	2	5	0	7.2
6/7/2020 8:06 PM	0.3	2	4.8	0	0.3
6/7/2020 8:12 PM	0.3	2	4.7	0	0.2
6/7/2020 8:18 PM	0.3	2	4.6	0	0.1
6/7/2020 8:24 PM	0.3	2	4.5	0	0.1
6/7/2020 8:30 PM	0.3	2	4.3	0	0.1
6/7/2020 8:36 PM	0.3	2	4.3	0	0.1
6/7/2020 8:42 PM	0.3	2	4.3	0	0.1
6/7/2020 8:48 PM	0.3	2	4.3	0	0.1
6/7/2020 8:54 PM	0.3	2	4.3	0	0.1
6/7/2020 9:00 PM	0.3	1.9	4.3	0	0.1
6/7/2020 9:06 PM	0.3	1.9	4.3	0	0.1
6/7/2020 9:12 PM	0.3	1.9	4.3	0	0.1
6/7/2020 9:18 PM	0.3	1.9	4.3	0	0
6/7/2020 9:24 PM	0.3	1.8	4.3	0	0.1
6/7/2020 9:30 PM	0.3	1.8	4.2	0	0.1
6/7/2020 9:36 PM	0.3	1.8	4.2	0	0.1
6/7/2020 9:42 PM	0.3	1.8	4.1	0	0
6/7/2020 9:48 PM	0.3	1.8	4.1	0	0
6/7/2020 9:54 PM	0.3	1.8	4	0	0
6/7/2020 10:00 PM	0.3	1.8	3.9	0	0
6/7/2020 10:06 PM	0.3	1.8	3.8	0	0.1
6/7/2020 10:12 PM	0.3	1.7	3.8	0	0.1
6/7/2020 10:18 PM	0.3	1.7	3.8	0	0
6/7/2020 10:24 PM	0.3	1.7	3.8	0	0
6/7/2020 10:30 PM	0.3	1.7	3.8	0	0
6/7/2020 10:36 PM	0.3	1.7	3.7	0	0
6/7/2020 10:42 PM	0.3	1.7	3.7	0	0
6/7/2020 10:48 PM	0.3	1.7	3.7	0	0
6/7/2020 10:54 PM	0.3	1.7	3.7	0	0
6/7/2020 11:00 PM	0.3	1.7	3.6	0	0
6/7/2020 11:06 PM	0.3	1.7	3.5	0	0.1
6/7/2020 11:12 PM	0.3	1.6	3.5	0	0.1
6/7/2020 11:18 PM	0.2	1.6	3.5	0	0.1
6/7/2020 11:24 PM	0.2	1.6	3.4	0	0
6/7/2020 11:30 PM	0.2	1.5	3.4	0	0
6/7/2020 11:36 PM	0.2	1.5	3.4	0	0
6/7/2020 11:42 PM	0.2	1.4	3.4	0	0
6/7/2020 11:48 PM	0.2	1.4	3.4	0	0
6/7/2020 11:54 PM	0.2	1.4	3.3	0	0
6/8/2020 12:00 AM	0.2	1.4	3.3	0	0
6/8/2020 12:06 AM	0.2	1.4	3.4	0	0
6/8/2020 12:12 AM	0.2	1.4	3.4	0	0
6/8/2020 12:18 AM	0.2	1.3	3.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 12:24 AM	0.2	1.3	3.5	0	0
6/8/2020 12:30 AM	0.2	1.3	3.5	0	0
6/8/2020 12:36 AM	0.2	1.3	3.5	0	0
6/8/2020 12:42 AM	0.2	1.3	3.5	0	0
6/8/2020 12:48 AM	0.2	1.2	3.5	0	0
6/8/2020 12:54 AM	0.2	1.2	3.5	0	0
6/8/2020 1:00 AM	0.2	1.2	3.4	0	0
6/8/2020 1:06 AM	0.2	1.2	3.4	0	0
6/8/2020 1:12 AM	0.2	1.2	3.3	0	0
6/8/2020 1:18 AM	0.2	1.2	3.3	0	0
6/8/2020 1:24 AM	0.2	1.2	3.4	0	0
6/8/2020 1:30 AM	0.2	1.2	3.4	0	0
6/8/2020 1:36 AM	0.2	1.2	3.3	0	0
6/8/2020 1:42 AM	0.1	1.2	3.3	0	0
6/8/2020 1:48 AM	0.2	1.2	3.3	0	0
6/8/2020 1:54 AM	0.2	1.2	3.2	0	0
6/8/2020 2:00 AM	0.1	1.3	3.2	0	0
6/8/2020 2:06 AM	0.1	1.3	3.1	0	0
6/8/2020 2:12 AM	0.1	1.3	3	0	0
6/8/2020 2:18 AM	0.1	1.4	3	0	0
6/8/2020 2:24 AM	0.1	1.3	3	0	0
6/8/2020 2:30 AM	0.1	1.3	3	0	0
6/8/2020 2:36 AM	0.1	1.3	2.9	0	0
6/8/2020 2:42 AM	0.1	1.3	2.9	0	0
6/8/2020 2:48 AM	0.1	1.2	2.9	0	0
6/8/2020 2:54 AM	0.1	1.2	2.8	0	0
6/8/2020 3:00 AM	0.1	1.2	2.8	0	0
6/8/2020 3:06 AM	0.1	1.2	2.9	0	0
6/8/2020 3:12 AM	0.1	1.2	2.9	0	0
6/8/2020 3:18 AM	0.1	1.3	3	0	0
6/8/2020 3:24 AM	0.1	1.3	3	0	0
6/8/2020 3:30 AM	0.1	1.3	3	0	0
6/8/2020 3:36 AM	0.1	1.3	3	0	0
6/8/2020 3:42 AM	0.1	1.3	2.9	0	0
6/8/2020 3:48 AM	0.1	1.3	2.9	0	0
6/8/2020 3:54 AM	0.1	1.2	2.9	0	0
6/8/2020 4:00 AM	0.1	1.2	2.9	0	0
6/8/2020 4:06 AM	0.1	1.2	2.7	0	0
6/8/2020 4:12 AM	0.1	1.2	2.6	0	0
6/8/2020 4:18 AM	0.1	1.2	2.6	0	0
6/8/2020 4:24 AM	0.1	1.2	2.7	0	0
6/8/2020 4:30 AM	0.1	1.3	2.7	0	0
6/8/2020 4:36 AM	0.1	1.3	2.7	0	0
6/8/2020 4:42 AM	0.1	1.3	2.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 4:48 AM	0.1	1.5	2.7	0	0
6/8/2020 4:54 AM	0.1	1.8	2.5	0	0
6/8/2020 5:00 AM	0.1	2	2.4	0	0
6/8/2020 5:06 AM	0.1	2.1	2.3	0	0
6/8/2020 5:12 AM	0.1	2.2	2.2	0	0
6/8/2020 5:18 AM	0.1	2.3	2.1	0	0
6/8/2020 5:24 AM	0.1	2.3	2.1	0	0
6/8/2020 5:30 AM	0.1	2.1	2.2	0	0
6/8/2020 5:36 AM	0.1	1.7	2.4	0	0
6/8/2020 5:42 AM	0.1	1.3	2.5	0	0
6/8/2020 5:48 AM	0.1	1.2	2.6	0	0
6/8/2020 5:54 AM	0.1	1.4	2.5	0	0
6/8/2020 6:00 AM	0.1	1.7	2.3	0	0
6/8/2020 6:06 AM	0.1	1.9	2.2	0	0
6/8/2020 6:12 AM	0.1	2.1	2.1	0	0
6/8/2020 6:18 AM	0.1	2.1	2	0	0
6/8/2020 6:24 AM	0.1	2	1.9	0	0
6/8/2020 6:30 AM	0.1	2	2	0	0
6/8/2020 6:36 AM	0.1	1.9	1.9	-0.1	0
6/8/2020 6:42 AM	0.1	1.8	1.9	-0.1	0
6/8/2020 6:48 AM	0.1	1.6	1.9	-0.1	0
6/8/2020 6:54 AM	0.1	1.5	1.9	-0.1	0
6/8/2020 7:00 AM	0.1	1.3	1.9	-0.1	0
6/8/2020 7:06 AM	0.1	1.2	1.9	-0.1	0
6/8/2020 7:12 AM	0.1	1.1	2	-0.1	0
6/8/2020 7:18 AM	0.2	1	2	-0.1	0
6/8/2020 7:24 AM	0.2	0.9	2.1	-0.1	0
6/8/2020 7:30 AM	0.2	0.8	2.1	-0.1	0
6/8/2020 7:36 AM	0.2	0.8	2.2	-0.1	0
6/8/2020 7:42 AM	0.2	0.6	2.3	-0.1	0
6/8/2020 7:48 AM	0.2	0.5	2.4	-0.1	0
6/8/2020 7:54 AM	0.2	0.5	2.5	-0.1	0
6/8/2020 8:00 AM	0.2	0.4	2.6	-0.1	0
6/8/2020 8:06 AM	0.2	0.3	2.9	-0.1	0
6/8/2020 8:12 AM	0.2	0.3	3.2	-0.1	0
6/8/2020 8:18 AM	0.3	0.3	3.3	-0.1	0
6/8/2020 8:24 AM	0.3	0.2	3.4	-0.1	0
6/8/2020 8:30 AM	0.3	0.2	3.5	-0.1	0
6/8/2020 8:36 AM	0.3	0.1	3.6	-0.1	0
6/8/2020 8:42 AM	0.3	0.1	3.7	-0.1	0
6/8/2020 8:48 AM	0.3	0.1	3.8	-0.1	0
6/8/2020 8:54 AM	0.3	0	3.8	-0.1	0
6/8/2020 9:00 AM	0.3	-0.1	3.8	-0.1	0
6/8/2020 9:06 AM	0.4	-0.2	3.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 9:12 AM	0.4	-0.2	3.8	-0.1	0
6/8/2020 9:18 AM	0.4	-0.2	3.9	-0.1	0
6/8/2020 9:24 AM	0.4	-0.1	6	-0.1	0
6/8/2020 9:30 AM	0.4	-0.1	7.8	0	0
6/8/2020 9:36 AM	0.4	-0.1	5.9	12	0
6/8/2020 9:42 AM	0.4	0	2.8	27.1	0.1
6/8/2020 9:48 AM	0.4	0	2.3	24.7	0.1
6/8/2020 9:54 AM	0.4	0	2	20.7	0.1
6/8/2020 10:00 AM	0.4	0	5	12.7	0.1
6/8/2020 10:06 AM	0.4	0	7	6.1	0.1
6/8/2020 10:12 AM	0.4	0	3.7	4.9	0.1
6/8/2020 10:18 AM	0.4	0	2.8	5	0.1
6/8/2020 10:24 AM	0.4	0	2.6	5.2	0.1
6/8/2020 10:30 AM	0.4	0	2.5	5.4	0.1
6/8/2020 10:36 AM	0.4	-0.1	2.6	5.6	0.1
6/8/2020 10:42 AM	0.4	-0.1	2.7	5.8	0.1
6/8/2020 10:48 AM	0.4	-0.1	2.7	5.7	0.1
6/8/2020 10:54 AM	0.4	-0.1	2.8	5.7	0.1
6/8/2020 11:00 AM	0.4	-0.1	2.8	5.7	0.1
6/8/2020 11:06 AM	0.4	-0.1	2.8	5.3	0.1
6/8/2020 11:12 AM	0.4	-0.1	2.8	4.8	0.1
6/8/2020 11:18 AM	0.4	-0.1	2.8	4.5	0.1
6/8/2020 11:24 AM	0.4	-0.1	2.7	4	0.1
6/8/2020 11:30 AM	0.4	0	2.7	3.7	0.1
6/8/2020 11:36 AM	0.4	-0.1	2.5	3.5	0.1
6/8/2020 11:42 AM	0.4	-0.1	2.4	3.3	0.1
6/8/2020 11:48 AM	0.4	-0.1	2.3	3.2	0.1
6/8/2020 11:54 AM	0.4	-0.1	2.3	3.2	0.1
6/8/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/8/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/8/2020 12:12 PM	0.4	-0.1	2.3	3.1	0.1
6/8/2020 12:18 PM	0.4	0	2.3	3.1	0.1
6/8/2020 12:24 PM	0.4	0	2.3	3	0.1
6/8/2020 12:30 PM	0.4	0.1	2.3	3	0.1
6/8/2020 12:36 PM	0.4	0.2	2.2	2.9	0.1
6/8/2020 12:42 PM	0.4	0.2	2.2	2.9	0.1
6/8/2020 12:48 PM	0.4	0.2	2.2	2.8	0.1
6/8/2020 12:54 PM	0.4	0.1	2.3	2.7	0.1
6/8/2020 1:00 PM	0.4	0.1	2.3	2.7	0.1
6/8/2020 1:06 PM	0.4	0	2.2	2.7	0.1
6/8/2020 1:12 PM	0.4	0	2.2	2.7	3.2
6/8/2020 1:18 PM	0.4	0.1	2.2	2.8	9.6
6/8/2020 1:24 PM	0.4	0.1	2.2	2.8	5.5
6/8/2020 1:30 PM	0.4	0.1	2.2	2.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 1:36 PM	0.4	0.2	2.1	2.9	1.1
6/8/2020 1:42 PM	0.4	0.2	2.1	2.9	0.6
6/8/2020 1:48 PM	0.4	0.2	2.1	2.8	0.4
6/8/2020 1:54 PM	0.4	0.2	2.2	3	0.3
6/8/2020 2:00 PM	0.4	0.2	2.2	3.1	0.2
6/8/2020 2:06 PM	0.4	0.2	2.1	3.2	0.2
6/8/2020 2:12 PM	0.4	0.2	2	3.3	0.2
6/8/2020 2:18 PM	0.4	0.3	2	3.3	0.1
6/8/2020 2:24 PM	0.4	0.5	2	3.4	0.1
6/8/2020 2:30 PM	0.4	0.6	2	3.3	0.1
6/8/2020 2:36 PM	0.4	0.8	2	3.2	0.1
6/8/2020 2:42 PM	0.4	1	2	3.2	0.1
6/8/2020 2:48 PM	0.4	1.1	2	3.3	0.1
6/8/2020 2:54 PM	0.4	1.2	2	2.9	0.1
6/8/2020 3:00 PM	0.4	1.1	2	2.3	0.1
6/8/2020 3:06 PM	0.4	1	2	2.3	0.1
6/8/2020 3:12 PM	0.4	0.9	2	2.4	0.1
6/8/2020 3:18 PM	0.4	0.8	1.9	2.4	0.1
6/8/2020 3:24 PM	0.4	0.7	1.9	2.4	0.1
6/8/2020 3:30 PM	0.4	0.6	2	2.5	0.1
6/8/2020 3:36 PM	0.4	0.5	1.9	2.5	0.1
6/8/2020 3:42 PM	0.4	0.5	1.9	2.4	0.1
6/8/2020 3:48 PM	0.4	0.5	1.9	2.4	0.1
6/8/2020 3:54 PM	0.4	0.5	1.9	2.5	0.1
6/8/2020 4:00 PM	0.4	0.4	2	2.5	0.1
6/8/2020 4:06 PM	0.4	0.4	2	2.6	0.1
6/8/2020 4:12 PM	0.4	0.4	2	2.6	0.1
6/8/2020 4:18 PM	0.4	0.4	2	2.5	0.1
6/8/2020 4:24 PM	0.4	0.5	2	2.5	0.1
6/8/2020 4:30 PM	0.4	0.5	2	2.5	0.1
6/8/2020 4:36 PM	0.4	0.5	2	2.5	0.1
6/8/2020 4:42 PM	0.4	0.5	2	2.6	0.1
6/8/2020 4:48 PM	0.4	0.5	2	2.6	0.1
6/8/2020 4:54 PM	0.4	0.4	2	2.5	0.1
6/8/2020 5:00 PM	0.4	0.4	1.9	2.5	0.1
6/8/2020 5:06 PM	0.4	0.3	1.9	2.5	0.1
6/8/2020 5:12 PM	0.4	0.3	2	2.5	0.1
6/8/2020 5:18 PM	0.4	0.3	2	2.5	0.1
6/8/2020 5:24 PM	0.4	0.2	2	2.5	0.1
6/8/2020 5:30 PM	0.4	0.3	2	2.5	0.1
6/8/2020 5:36 PM	0.4	0.4	1.9	2.4	0.1
6/8/2020 5:42 PM	0.4	0.5	1.9	2.4	0.1
6/8/2020 5:48 PM	0.4	0.5	2	2.5	0.1
6/8/2020 5:54 PM	0.4	0.6	2	2.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 6:00 PM	0.4	0.7	2.1	2.5	0.1
6/8/2020 6:06 PM	0.4	0.9	2.1	2.5	0.1
6/8/2020 6:12 PM	0.4	1.1	2.1	2.5	0.1
6/8/2020 6:18 PM	0.4	1.4	2.1	2.5	0.1
6/8/2020 6:24 PM	0.4	1.6	2.1	2.5	0.1
6/8/2020 6:30 PM	0.4	1.9	2	2.5	0.1
6/8/2020 6:36 PM	0.4	2.1	2	2.5	0.1
6/8/2020 6:42 PM	0.4	2.3	2	2.4	0.1
6/8/2020 6:48 PM	0.4	2.4	2	2.5	0.1
6/8/2020 6:54 PM	0.4	2.4	2	2.5	0.1
6/8/2020 7:00 PM	0.4	2.4	2	2.5	0.1
6/8/2020 7:06 PM	0.4	2.4	1.9	2.5	0.1
6/8/2020 7:12 PM	0.4	2.3	1.9	2.4	0.1
6/8/2020 7:18 PM	0.3	2.3	1.9	2.4	0.1
6/8/2020 7:24 PM	0.3	2.3	2	2.5	0.1
6/8/2020 7:30 PM	0.3	2.3	1.9	2.6	0.1
6/8/2020 7:36 PM	0.3	2.2	2	2.5	0.1
6/8/2020 7:42 PM	0.3	2.2	2	2.5	0.1
6/8/2020 7:48 PM	0.3	2.1	2	2.6	0.1
6/8/2020 7:54 PM	0.3	2.1	2	2.5	0.1
6/8/2020 8:00 PM	0.3	2.1	2	2.5	0.1
6/8/2020 8:06 PM	0.3	2	2.1	2.5	0.1
6/8/2020 8:12 PM	0.3	2	2.1	2.5	0.1
6/8/2020 8:18 PM	0.3	2	2.1	2.5	0.1
6/8/2020 8:24 PM	0.3	2	2	2.6	0.1
6/8/2020 8:30 PM	0.3	1.9	2	2.6	0.1
6/8/2020 8:36 PM	0.3	1.9	2	2.6	0.1
6/8/2020 8:42 PM	0.3	1.9	2.5	1.9	0.1
6/8/2020 8:48 PM	0.3	2	3	0.4	0.1
6/8/2020 8:54 PM	0.3	2	3	-0.3	0.1
6/8/2020 9:00 PM	0.3	2	3.2	-0.3	0.1
6/8/2020 9:06 PM	0.3	2	3.4	-0.3	0.1
6/8/2020 9:12 PM	0.3	2	3.5	-0.3	0.1
6/8/2020 9:18 PM	0.3	2	3.6	-0.3	0.1
6/8/2020 9:24 PM	0.3	2	3.6	-0.3	0.1
6/8/2020 9:30 PM	0.3	2	3.7	-0.3	0.1
6/8/2020 9:36 PM	0.3	2	3.7	-0.3	0.1
6/8/2020 9:42 PM	0.3	2	3.7	-0.3	0.1
6/8/2020 9:48 PM	0.3	2	3.7	-0.3	0.1
6/8/2020 9:54 PM	0.3	1.9	3.7	-0.3	0.1
6/8/2020 10:00 PM	0.3	1.9	3.7	-0.3	0.1
6/8/2020 10:06 PM	0.3	1.9	3.7	-0.3	0.1
6/8/2020 10:12 PM	0.3	1.9	3.7	-0.2	0.1
6/8/2020 10:18 PM	0.3	1.9	3.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/8/2020 10:24 PM	0.3	1.9	3.8	-0.3	0.1
6/8/2020 10:30 PM	0.3	1.8	3.8	-0.3	0.1
6/8/2020 10:36 PM	0.3	1.8	3.8	-0.3	0.1
6/8/2020 10:42 PM	0.3	1.8	3.9	-0.3	0.1
6/8/2020 10:48 PM	0.3	1.8	3.8	-0.2	0.1
6/8/2020 10:54 PM	0.3	1.8	3.8	-0.2	0.1
6/8/2020 11:00 PM	0.3	1.8	3.8	-0.3	0.1
6/8/2020 11:06 PM	0.3	1.8	3.9	-0.3	0.1
6/8/2020 11:12 PM	0.3	1.8	4	-0.2	0.1
6/8/2020 11:18 PM	0.3	1.8	4	-0.3	0.1
6/8/2020 11:24 PM	0.3	1.7	4	-0.3	0.1
6/8/2020 11:30 PM	0.2	1.7	4	-0.3	0
6/8/2020 11:36 PM	0.2	1.6	4	-0.3	0
6/8/2020 11:42 PM	0.2	1.6	3.9	-0.3	0
6/8/2020 11:48 PM	0.2	1.6	3.9	-0.2	0
6/8/2020 11:54 PM	0.2	1.6	3.9	-0.2	0
6/9/2020 12:00 AM	0.2	1.6	3.9	-0.3	0
6/9/2020 12:06 AM	0.2	1.5	3.8	-0.2	0
6/9/2020 12:12 AM	0.2	1.5	3.8	-0.2	0
6/9/2020 12:18 AM	0.2	1.5	3.7	-0.3	0
6/9/2020 12:24 AM	0.2	1.5	3.6	-0.3	0
6/9/2020 12:30 AM	0.2	1.5	3.5	-0.3	0
6/9/2020 12:36 AM	0.2	1.5	3.4	-0.2	0
6/9/2020 12:42 AM	0.2	1.5	3.4	-0.2	0
6/9/2020 12:48 AM	0.2	1.5	3.4	-0.3	0
6/9/2020 12:54 AM	0.2	1.6	3.3	-0.3	0
6/9/2020 1:00 AM	0.2	1.6	3.2	-0.3	0
6/9/2020 1:06 AM	0.2	1.6	3.2	-0.3	0
6/9/2020 1:12 AM	0.2	1.6	3.2	-0.3	0
6/9/2020 1:18 AM	0.2	1.6	3.2	-0.3	0
6/9/2020 1:24 AM	0.2	1.5	3.3	-0.3	0
6/9/2020 1:30 AM	0.2	1.5	3.3	-0.2	0
6/9/2020 1:36 AM	0.2	1.6	3.3	-0.2	0
6/9/2020 1:42 AM	0.2	1.6	3.1	-0.2	0
6/9/2020 1:48 AM	0.2	1.6	3.1	-0.3	0
6/9/2020 1:54 AM	0.2	1.6	3	-0.3	0
6/9/2020 2:00 AM	0.2	1.6	3	-0.3	0
6/9/2020 2:06 AM	0.2	1.6	3	-0.2	0
6/9/2020 2:12 AM	0.2	1.6	3.1	-0.2	0
6/9/2020 2:18 AM	0.1	1.6	3.1	-0.2	0
6/9/2020 2:24 AM	0.1	1.6	3.1	-0.2	0
6/9/2020 2:30 AM	0.1	1.6	3.1	-0.2	0
6/9/2020 2:36 AM	0.1	1.6	3.1	-0.3	0
6/9/2020 2:42 AM	0.1	1.6	3.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/9/2020 2:48 AM	0.1	1.6	3	-0.3	0
6/9/2020 2:54 AM	0.1	1.6	3	-0.3	0
6/9/2020 3:00 AM	0.1	1.6	3	-0.3	0
6/9/2020 3:06 AM	0.1	1.6	3	-0.2	0
6/9/2020 3:12 AM	0.1	1.6	3	-0.2	0
6/9/2020 3:18 AM	0.1	1.6	3	-0.2	0
6/9/2020 3:24 AM	0.1	1.6	3	-0.2	0
6/9/2020 3:30 AM	0.1	1.6	3	-0.2	0
6/9/2020 3:36 AM	0.1	1.7	3	-0.2	0
6/9/2020 3:42 AM	0.1	1.7	2.9	-0.2	0
6/9/2020 3:48 AM	0.1	1.7	2.9	-0.2	0
6/9/2020 3:54 AM	0.1	1.8	2.9	-0.2	0
6/9/2020 4:00 AM	0.1	1.8	2.9	-0.2	0
6/9/2020 4:06 AM	0.1	1.8	3	-0.2	0
6/9/2020 4:12 AM	0.1	1.8	3.1	-0.2	0
6/9/2020 4:18 AM	0.1	1.8	3.2	-0.3	0
6/9/2020 4:24 AM	0.1	1.8	3.2	-0.3	0
6/9/2020 4:30 AM	0.1	1.8	3.2	-0.3	0
6/9/2020 4:36 AM	0.1	1.8	3.2	-0.3	0
6/9/2020 4:42 AM	0.1	1.8	3.2	-0.3	0
6/9/2020 4:48 AM	0.1	1.8	3.2	-0.2	0
6/9/2020 4:54 AM	0.1	1.8	3.1	-0.2	0
6/9/2020 5:00 AM	0.1	1.9	3.1	-0.2	0
6/9/2020 5:06 AM	0.1	1.9	2.8	-0.2	0
6/9/2020 5:12 AM	0.1	2	2.4	-0.2	0
6/9/2020 5:18 AM	0.1	2.3	2.2	-0.2	0
6/9/2020 5:24 AM	0.1	2.5	2	-0.2	0
6/9/2020 5:30 AM	0.1	2.6	2	-0.2	0
6/9/2020 5:36 AM	0.1	2.7	1.9	-0.2	0
6/9/2020 5:42 AM	0.1	2.8	1.9	-0.2	0
6/9/2020 5:48 AM	0.1	2.8	1.9	-0.2	0
6/9/2020 5:54 AM	0.1	2.8	1.9	-0.2	0
6/9/2020 6:00 AM	0.1	2.8	1.8	-0.3	0
6/9/2020 6:06 AM	0.1	2.8	1.8	-0.3	0
6/9/2020 6:12 AM	0.1	2.8	1.8	-0.3	0
6/9/2020 6:18 AM	0.1	2.9	1.8	-0.3	0
6/9/2020 6:24 AM	0.1	2.8	2	-0.3	12.6
6/9/2020 6:30 AM	0.1	2.7	1	-0.3	20
6/9/2020 6:36 AM	0.1	2.7	-0.1	-0.3	10.6
6/9/2020 6:42 AM	0.1	2.7	-0.2	-0.3	7.1
6/9/2020 6:48 AM	0.1	2.6	-0.3	-0.3	6.6
6/9/2020 6:54 AM	0.1	2.5	-0.3	-0.3	7
6/9/2020 7:00 AM	0.1	2.5	-0.3	-0.3	6.9
6/9/2020 7:06 AM	0.1	2.4	-0.4	-0.3	7.1

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/9/2020 7:12 AM	0.2	2.4	-0.4	-0.3	6.7
6/9/2020 7:18 AM	0.2	2.3	-0.4	-0.3	5.8
6/9/2020 7:24 AM	0.2	2.2	-0.4	-0.3	4.9
6/9/2020 7:30 AM	0.2	2.1	-0.4	-0.3	4.2
6/9/2020 7:36 AM	0.2	2	-0.4	-0.3	3.9
6/9/2020 7:42 AM	0.2	1.9	-0.4	-0.3	3.6
6/9/2020 7:48 AM	0.2	1.7	-0.4	-0.3	3.9
6/9/2020 7:54 AM	0.2	1.5	-0.3	-0.3	5.2
6/9/2020 8:00 AM	0.2	1.3	-0.3	-0.3	6.5
6/9/2020 8:06 AM	0.2	1.1	-0.3	-0.3	7.6
6/9/2020 8:12 AM	0.3	1	-0.3	-0.3	7.9
6/9/2020 8:18 AM	0.3	0.9	-0.3	-0.3	7.6
6/9/2020 8:24 AM	0.3	0.8	-0.4	-0.3	7.7
6/9/2020 8:30 AM	0.3	0.8	-0.4	-0.3	7.6
6/9/2020 8:36 AM	0.3	0.7	-0.3	-0.3	7.3
6/9/2020 8:42 AM	0.3	0.7	-0.4	-0.3	7.2
6/9/2020 8:48 AM	0.3	0.7	-0.4	-0.3	7
6/9/2020 8:54 AM	0.3	0.6	-0.3	-0.3	7
6/9/2020 9:00 AM	0.3	0.5	-0.3	-0.3	6.9
6/9/2020 9:06 AM	0.3	0.4	-0.2	-0.3	6.6
6/9/2020 9:12 AM	0.3	0.3	-0.2	-0.3	6.4
6/9/2020 9:18 AM	0.4	0.3	-0.3	-0.3	6.3
6/9/2020 9:24 AM	0.4	0.2	-0.3	-0.3	6.3
6/9/2020 9:30 AM	0.4	0.2	11.2	-0.3	5.1
6/9/2020 9:36 AM	0.4	0.1	15.5	-0.3	2.6
6/9/2020 9:42 AM	0.4	0.2	4.8	-0.3	1.6
6/9/2020 9:48 AM	0.4	0.1	3.2	-0.3	0.8
6/9/2020 9:54 AM	0.4	0.1	3	-0.3	0.1
6/9/2020 10:00 AM	0.4	0.1	3	-0.3	0
6/9/2020 10:06 AM	0.4	0.1	3.1	-0.3	0
6/9/2020 10:12 AM	0.4	0.1	3.1	-0.3	0
6/9/2020 10:18 AM	0.4	0.1	3.2	-0.3	0.1
6/9/2020 10:24 AM	0.4	0.1	3.3	-0.3	0.1
6/9/2020 10:30 AM	0.4	0.1	3.4	-0.3	0.1
6/9/2020 10:36 AM	0.4	0	3.5	-0.3	0.1
6/9/2020 10:42 AM	0.4	0	3.6	-0.3	0.1
6/9/2020 10:48 AM	0.4	0.1	3.8	-0.3	0.1
6/9/2020 10:54 AM	0.4	0.1	3.9	-0.3	0.1
6/9/2020 11:00 AM	0.4	0.1	4.1	-0.3	0
6/9/2020 11:06 AM	0.4	0.1	4.3	-0.3	0
6/9/2020 11:12 AM	0.4	0.1	4.3	-0.3	0
6/9/2020 11:18 AM	0.4	0.1	4.4	-0.3	0
6/9/2020 11:24 AM	0.4	0.1	4.4	-0.3	0
6/9/2020 11:30 AM	0.4	0.2	4.4	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/9/2020 11:36 AM	0.4	0.2	4.4	-0.3	0
6/9/2020 11:42 AM	0.4	0.1	4.5	-0.3	0
6/9/2020 11:48 AM	0.4	0.1	4.5	-0.3	0
6/9/2020 11:54 AM	0.4	0.1	4.6	-0.3	0
6/9/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/9/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/9/2020 12:12 PM	0.4	0.1	4.7	-0.3	0.1
6/9/2020 12:18 PM	0.4	0.1	4.6	-0.3	0
6/9/2020 12:24 PM	0.4	0.2	4.5	-0.3	0.1
6/9/2020 12:30 PM	0.4	0.2	4.5	-0.3	0.1
6/9/2020 12:36 PM	0.4	0.3	4.4	-0.3	0.1
6/9/2020 12:42 PM	0.4	0.3	4.4	-0.2	0.1
6/9/2020 12:48 PM	0.4	0.3	4.5	6.5	0
6/9/2020 12:54 PM	0.4	0.2	4.1	23.4	0
6/9/2020 1:00 PM	0.4	0.2	3.9	26.6	0.1
6/9/2020 1:06 PM	0.4	0.1	2.8	22.8	0
6/9/2020 1:12 PM	0.4	0.1	0.8	17.1	0
6/9/2020 1:18 PM	0.4	0.2	0.3	15.5	0.1
6/9/2020 1:24 PM	0.4	0.2	0.1	16.8	0.1
6/9/2020 1:30 PM	0.4	0.2	0.1	17.7	0.1
6/9/2020 1:36 PM	0.4	0.3	0.1	15.3	0
6/9/2020 1:42 PM	0.4	0.3	0.1	13.7	0
6/9/2020 1:48 PM	0.4	0.3	0	13.4	0
6/9/2020 1:54 PM	0.4	0.2	0	12.7	0
6/9/2020 2:00 PM	0.4	0.2	0	12.3	0.1
6/9/2020 2:06 PM	0.4	0.2	-0.1	11.9	0.1
6/9/2020 2:12 PM	0.4	0.3	-0.1	11.9	0.1
6/9/2020 2:18 PM	0.4	0.4	-0.2	12.1	0
6/9/2020 2:24 PM	0.4	0.5	-0.2	12	0.1
6/9/2020 2:30 PM	0.4	0.6	-0.2	12	0
6/9/2020 2:36 PM	0.4	0.7	-0.3	12	0
6/9/2020 2:42 PM	0.4	0.8	-0.3	11.7	0
6/9/2020 2:48 PM	0.4	0.9	-0.3	11.6	0
6/9/2020 2:54 PM	0.4	0.9	-0.3	11.5	0
6/9/2020 3:00 PM	0.4	0.9	-0.3	11.4	0
6/9/2020 3:06 PM	0.4	0.8	-0.3	11.2	0
6/9/2020 3:12 PM	0.4	0.8	-0.4	10.8	0
6/9/2020 3:18 PM	0.4	0.8	-0.3	10.7	0
6/9/2020 3:24 PM	0.4	0.7	-0.3	10.3	0
6/9/2020 3:30 PM	0.4	0.6	-0.3	10.3	0
6/9/2020 3:36 PM	0.4	0.6	-0.3	10.5	0
6/9/2020 3:42 PM	0.4	0.5	-0.4	10.4	0.1
6/9/2020 3:48 PM	0.4	0.6	-0.4	9.8	0.1
6/9/2020 3:54 PM	0.4	0.6	-0.4	9.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/9/2020 4:00 PM	0.4	0.6	-0.4	9.5	0.1
6/9/2020 4:06 PM	0.4	0.5	-0.4	9.4	0.1
6/9/2020 4:12 PM	0.4	0.5	-0.4	9.6	0.1
6/9/2020 4:18 PM	0.4	0.5	-0.4	9.6	0.1
6/9/2020 4:24 PM	0.4	0.6	-0.4	9.7	0
6/9/2020 4:30 PM	0.4	0.6	-0.4	9.7	0
6/9/2020 4:36 PM	0.4	0.6	-0.4	9.6	0
6/9/2020 4:42 PM	0.4	0.6	-0.4	9.7	0.1
6/9/2020 4:48 PM	0.4	0.5	-0.4	9.5	0
6/9/2020 4:54 PM	0.4	0.5	-0.4	9.3	0
6/9/2020 5:00 PM	0.4	0.5	-0.5	9.4	0
6/9/2020 5:06 PM	0.4	0.5	-0.5	9.4	0
6/9/2020 5:12 PM	0.4	0.5	-0.5	9.4	0
6/9/2020 5:18 PM	0.4	0.6	-0.4	9	0.1
6/9/2020 5:24 PM	0.4	0.6	-0.4	9	0
6/9/2020 5:30 PM	0.4	0.6	-0.5	9.2	0
6/9/2020 5:36 PM	0.4	0.7	-0.5	9.1	0.1
6/9/2020 5:42 PM	0.4	0.8	-0.5	9.1	0.1
6/9/2020 5:48 PM	0.4	0.9	-0.5	9.2	0
6/9/2020 5:54 PM	0.4	1	-0.5	9.3	0
6/9/2020 6:00 PM	0.3	1.2	-0.5	9.4	0.1
6/9/2020 6:06 PM	0.3	1.3	-0.5	9.4	0
6/9/2020 6:12 PM	0.4	1.5	-0.5	9.4	0.1
6/9/2020 6:18 PM	0.4	1.7	-0.5	9.5	0.1
6/9/2020 6:24 PM	0.4	1.8	-0.5	9.3	0.1
6/9/2020 6:30 PM	0.4	2	-0.5	9.3	0.1
6/9/2020 6:36 PM	0.4	2.2	-0.5	9.4	0.1
6/9/2020 6:42 PM	0.4	2.3	-0.5	9.3	0.1
6/9/2020 6:48 PM	0.3	2.5	-0.6	9.3	0.1
6/9/2020 6:54 PM	0.3	2.6	-0.6	9.3	0.1
6/9/2020 7:00 PM	0.3	2.6	-0.6	9.1	0.1
6/9/2020 7:06 PM	0.3	2.6	-0.6	9.1	0.1
6/9/2020 7:12 PM	0.3	2.6	-0.6	9	0.1
6/9/2020 7:18 PM	0.3	2.6	-0.5	8.8	0.1
6/9/2020 7:24 PM	0.3	2.6	-0.5	8.7	0.1
6/9/2020 7:30 PM	0.3	2.5	-0.6	8.7	0.1
6/9/2020 7:36 PM	0.3	2.5	-0.6	8.7	0.1
6/9/2020 7:42 PM	0.3	2.4	-0.6	8.7	0.1
6/9/2020 7:48 PM	0.3	2.4	-0.6	8.9	0.1
6/9/2020 7:54 PM	0.3	2.4	-0.6	9	0.1
6/9/2020 8:00 PM	0.3	2.4	-0.6	9	0.1
6/9/2020 8:06 PM	0.3	2.4	-0.6	9.2	0.1
6/9/2020 8:12 PM	0.3	2.4	-0.6	9.2	0.1
6/9/2020 8:18 PM	0.3	2.3	-0.6	9.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/9/2020 8:24 PM	0.3	2.3	-0.6	9.2	0.1
6/9/2020 8:30 PM	0.3	2.3	-0.6	9.1	0.1
6/9/2020 8:36 PM	0.3	2.3	-0.6	9	0.1
6/9/2020 8:42 PM	0.3	2.3	-0.6	9.2	0.1
6/9/2020 8:48 PM	0.3	2.3	-0.6	9.2	0.1
6/9/2020 8:54 PM	0.3	2.3	-0.6	9.3	0.1
6/9/2020 9:00 PM	0.3	2.2	-0.6	9.1	0.1
6/9/2020 9:06 PM	0.3	2.2	-0.6	8.8	0.1
6/9/2020 9:12 PM	0.3	2.2	-0.6	8.9	0.1
6/9/2020 9:18 PM	0.2	2.2	-0.6	9.1	0.1
6/9/2020 9:24 PM	0.2	2.2	-0.6	9	0.1
6/9/2020 9:30 PM	0.2	2.2	-0.6	10.2	0.1
6/9/2020 9:36 PM	0.2	2.2	-0.6	10.7	0.1
6/9/2020 9:42 PM	0.2	2.2	-0.6	10.7	0.1
6/9/2020 9:48 PM	0.2	2.1	-0.6	10.7	0.1
6/9/2020 9:54 PM	0.2	2.1	-0.7	10.5	0.1
6/9/2020 10:00 PM	0.2	2.1	-0.7	10.4	0.1
6/9/2020 10:06 PM	0.2	2.1	-0.6	10.5	0.1
6/9/2020 10:12 PM	0.2	2.1	-0.7	10.7	0.1
6/9/2020 10:18 PM	0.2	2.1	-0.7	10.8	0.1
6/9/2020 10:24 PM	0.2	2.1	-0.7	10.7	0.1
6/9/2020 10:30 PM	0.2	2.1	-0.7	10.6	0.1
6/9/2020 10:36 PM	0.2	2.1	-0.7	10.7	0.1
6/9/2020 10:42 PM	0.2	2	-0.7	11.1	0.1
6/9/2020 10:48 PM	0.2	2	-0.7	11.1	0.1
6/9/2020 10:54 PM	0.2	2	-0.7	10.8	0.1
6/9/2020 11:00 PM	0.2	2	-0.7	10.8	0.1
6/9/2020 11:06 PM	0.2	2	-0.7	11	0.1
6/9/2020 11:12 PM	0.2	2	-0.7	11.3	0.1
6/9/2020 11:18 PM	0.2	2	-0.7	11.3	0.1
6/9/2020 11:24 PM	0.2	2	-0.7	11.6	0.1
6/9/2020 11:30 PM	0.2	2	-0.7	11.8	0.1
6/9/2020 11:36 PM	0.2	2	-0.7	11.9	0.1
6/9/2020 11:42 PM	0.2	1.9	-0.7	12	0.1
6/9/2020 11:48 PM	0.2	1.9	-0.7	11.9	0.1
6/9/2020 11:54 PM	0.2	1.9	-0.7	11.5	0.1
6/10/2020 12:00 AM	0.2	1.9	-0.7	11.6	0.1
6/10/2020 12:06 AM	0.2	1.9	-0.7	11.4	0.1
6/10/2020 12:12 AM	0.2	1.9	-0.7	11.3	0.1
6/10/2020 12:18 AM	0.2	1.9	-0.7	11.2	0.1
6/10/2020 12:24 AM	0.2	1.9	-0.7	11.2	0.1
6/10/2020 12:30 AM	0.1	1.9	-0.7	11	0.1
6/10/2020 12:36 AM	0.1	1.9	-0.7	11.1	0.1
6/10/2020 12:42 AM	0.1	1.9	-0.7	11	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 12:48 AM	0.1	1.9	-0.7	11.1	0.1
6/10/2020 12:54 AM	0.1	1.9	-0.7	10.9	0.1
6/10/2020 1:00 AM	0.1	1.9	-0.7	11	0.1
6/10/2020 1:06 AM	0.1	1.8	-0.8	11.3	0.1
6/10/2020 1:12 AM	0.1	1.8	-0.8	11.5	0.1
6/10/2020 1:18 AM	0.1	1.8	-0.8	11.6	0.1
6/10/2020 1:24 AM	0.1	1.8	-0.7	11.7	0.1
6/10/2020 1:30 AM	0.1	1.8	-0.7	11.8	0.1
6/10/2020 1:36 AM	0.1	1.8	-0.7	11.8	0.1
6/10/2020 1:42 AM	0.1	1.8	-0.7	11.8	0.1
6/10/2020 1:48 AM	0.1	1.9	-0.7	11.2	0.1
6/10/2020 1:54 AM	0.1	1.9	-0.7	7.1	0.1
6/10/2020 2:00 AM	0.1	1.9	-0.8	4.8	0.1
6/10/2020 2:06 AM	0.1	1.9	-0.8	5	0.1
6/10/2020 2:12 AM	0.1	1.9	-0.8	5	0.1
6/10/2020 2:18 AM	0.1	1.9	-0.8	4.9	0.1
6/10/2020 2:24 AM	0.1	1.9	-0.8	4.9	0.1
6/10/2020 2:30 AM	0.1	1.9	-0.7	5	0.1
6/10/2020 2:36 AM	0.1	1.9	-0.8	5.1	0.1
6/10/2020 2:42 AM	0.1	1.9	-0.8	5	0.1
6/10/2020 2:48 AM	0.1	1.9	-0.8	5.2	0.1
6/10/2020 2:54 AM	0.1	1.9	-0.8	5.1	0.1
6/10/2020 3:00 AM	0.1	1.9	-0.8	5.2	0.1
6/10/2020 3:06 AM	0.1	1.9	-0.8	5.2	0.1
6/10/2020 3:12 AM	0.1	1.8	-0.8	5.2	0.1
6/10/2020 3:18 AM	0.1	1.8	-0.8	5.1	0.1
6/10/2020 3:24 AM	0.1	1.8	-0.8	5.3	0.1
6/10/2020 3:30 AM	0.2	1.8	-0.8	5.5	0.1
6/10/2020 3:36 AM	0.2	1.8	-0.8	5.6	0.1
6/10/2020 3:42 AM	0.2	1.7	-0.8	5.8	0.1
6/10/2020 3:48 AM	0.2	1.7	-0.8	5.9	0.1
6/10/2020 3:54 AM	0.2	1.6	-0.8	5.9	0.1
6/10/2020 4:00 AM	0.2	1.6	-0.8	5.9	0.1
6/10/2020 4:06 AM	0.2	1.6	-0.8	5.7	0.1
6/10/2020 4:12 AM	0.2	1.6	-0.8	5.7	0.1
6/10/2020 4:18 AM	0.2	1.5	-0.8	6	0.1
6/10/2020 4:24 AM	0.2	1.6	-0.8	6.1	0.1
6/10/2020 4:30 AM	0.2	1.6	-0.8	5.9	0.1
6/10/2020 4:36 AM	0.2	1.6	-0.8	5.8	0.1
6/10/2020 4:42 AM	0.2	1.6	-0.8	5.9	0.1
6/10/2020 4:48 AM	0.2	1.7	-0.8	5.9	0.1
6/10/2020 4:54 AM	0.1	1.8	-0.8	5.9	0.1
6/10/2020 5:00 AM	0.1	1.9	-0.8	5.4	0.1
6/10/2020 5:06 AM	0.1	1.9	-0.8	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 5:12 AM	0.1	2	-0.8	2.1	0.1
6/10/2020 5:18 AM	0.1	2.1	-0.9	2.2	0.1
6/10/2020 5:24 AM	0.1	2.3	-0.9	2.3	0.1
6/10/2020 5:30 AM	0.1	2.7	-0.9	2.3	0.1
6/10/2020 5:36 AM	0.1	2.9	-0.9	2.3	0.1
6/10/2020 5:42 AM	0.1	3	-1	2.3	0.1
6/10/2020 5:48 AM	0.1	2.9	-0.9	2.3	0.1
6/10/2020 5:54 AM	0.1	2.7	-0.9	2.4	0.1
6/10/2020 6:00 AM	0.1	2.6	-0.9	2.4	0.1
6/10/2020 6:06 AM	0.1	2.6	-0.9	2.4	0.1
6/10/2020 6:12 AM	0.1	2.7	-0.9	2.4	0.1
6/10/2020 6:18 AM	0.1	2.9	-0.9	2.4	0.1
6/10/2020 6:24 AM	0.1	2.9	-1	2.3	0.1
6/10/2020 6:30 AM	0.1	2.8	-1	2.3	0.1
6/10/2020 6:36 AM	0.1	2.9	-1	2.3	0.1
6/10/2020 6:42 AM	0.1	2.9	-1	2.3	0.1
6/10/2020 6:48 AM	0.1	2.8	-0.9	2.4	0.1
6/10/2020 6:54 AM	0.1	2.7	-0.9	2.4	0.1
6/10/2020 7:00 AM	0.1	2.7	-1	2.4	0.1
6/10/2020 7:06 AM	0.1	2.7	-1	2.5	0.1
6/10/2020 7:12 AM	0.1	2.6	-1	4.4	0.1
6/10/2020 7:18 AM	0.1	2.5	-1	6.3	0.1
6/10/2020 7:24 AM	0.1	2.4	-1	5.8	0.1
6/10/2020 7:30 AM	0.1	2.3	-1	5.5	0.1
6/10/2020 7:36 AM	0.1	2.1	-1	5.4	0.1
6/10/2020 7:42 AM	0.1	1.8	-0.9	5.4	0.1
6/10/2020 7:48 AM	0.1	1.4	-0.9	5.4	0.1
6/10/2020 7:54 AM	0.1	1.1	-0.8	5.3	0.1
6/10/2020 8:00 AM	0.1	0.9	-0.8	5.2	0.1
6/10/2020 8:06 AM	0.1	0.9	-0.8	5.2	0.1
6/10/2020 8:12 AM	0.1	1.1	-0.8	5.2	0.1
6/10/2020 8:18 AM	0.1	1.1	-0.9	5.2	0.1
6/10/2020 8:24 AM	0.1	1.2	-0.9	5.9	0.1
6/10/2020 8:30 AM	0.1	1.5	-0.9	7.7	0.1
6/10/2020 8:36 AM	0.1	1.6	-0.9	7.9	0.1
6/10/2020 8:42 AM	0.1	1.7	-0.9	7.9	0.1
6/10/2020 8:48 AM	0.1	1.7	-0.9	7.9	0.1
6/10/2020 8:54 AM	0.2	1.8	-0.9	8	0.1
6/10/2020 9:00 AM	0.2	1.9	-0.8	8.1	0.1
6/10/2020 9:06 AM	0.2	2	-0.8	8.8	0.1
6/10/2020 9:12 AM	0.2	2	-0.8	10.6	0.1
6/10/2020 9:18 AM	0.2	2	-0.8	10.8	0.1
6/10/2020 9:24 AM	0.2	1.9	-0.7	10.4	0.1
6/10/2020 9:30 AM	0.3	1.7	-0.7	10.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 9:36 AM	0.3	1.5	-0.7	11.3	0.1
6/10/2020 9:42 AM	0.3	1.2	-0.7	12.5	0.1
6/10/2020 9:48 AM	0.3	0.9	-0.7	12.7	0.1
6/10/2020 9:54 AM	0.3	0.7	-0.7	11.8	0.1
6/10/2020 10:00 AM	0.3	0.6	-0.7	11.1	0.1
6/10/2020 10:06 AM	0.3	0.4	-0.7	11.2	0.1
6/10/2020 10:12 AM	0.3	0.3	-0.7	11.8	0.1
6/10/2020 10:18 AM	0.3	0.2	-0.7	12	0.1
6/10/2020 10:24 AM	0.3	0.2	-0.7	11.7	0.1
6/10/2020 10:30 AM	0.3	0.1	-0.7	11.7	0.1
6/10/2020 10:36 AM	0.3	0.1	-0.7	11.6	0.1
6/10/2020 10:42 AM	0.3	0.1	-0.7	11.6	0.1
6/10/2020 10:48 AM	0.3	0.1	-0.7	11.3	0.1
6/10/2020 10:54 AM	0.3	0.1	-0.7	11.3	0.1
6/10/2020 11:00 AM	0.3	0.1	-0.7	11.5	0.1
6/10/2020 11:06 AM	0.3	0.1	-0.7	11.9	0.1
6/10/2020 11:12 AM	0.3	0.1	-0.7	12	0.1
6/10/2020 11:18 AM	0.3	0.1	-0.7	11.8	0.1
6/10/2020 11:24 AM	0.3	0.2	-0.7	11.9	0.1
6/10/2020 11:30 AM	0.3	0.2	-0.7	11.7	0.1
6/10/2020 11:36 AM	0.3	0.2	-0.7	11.8	0.1
6/10/2020 11:42 AM	0.3	0.2	-0.7	12.1	0.1
6/10/2020 11:48 AM	0.3	0.1	-0.7	12.1	0.1
6/10/2020 11:54 AM	0.3	0.1	-0.7	11.7	0.1
6/10/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/10/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/10/2020 12:12 PM	0.3	0.2	-0.7	11.4	0.1
6/10/2020 12:18 PM	0.3	0.2	-0.7	11.6	0.1
6/10/2020 12:24 PM	0.3	0.2	-0.8	11.8	0.1
6/10/2020 12:30 PM	0.3	0.3	-0.8	12.1	0.1
6/10/2020 12:36 PM	0.3	0.4	5.8	12.1	0.1
6/10/2020 12:42 PM	0.3	0.4	8.7	12.3	0.1
6/10/2020 12:48 PM	0.3	0.4	1.6	12	0.1
6/10/2020 12:54 PM	0.3	0.3	6.1	11.9	0.1
6/10/2020 1:00 PM	0.3	0.3	7.4	12.1	0.1
6/10/2020 1:06 PM	0.3	0.3	0.4	11.8	0.1
6/10/2020 1:12 PM	0.3	0.3	12.4	7.4	0.1
6/10/2020 1:18 PM	0.3	0.4	15.3	2.7	0.1
6/10/2020 1:24 PM	0.3	0.4	9.8	3	0.1
6/10/2020 1:30 PM	0.3	0.4	7.7	3.1	0.1
6/10/2020 1:36 PM	0.3	0.4	6.6	3.1	0.1
6/10/2020 1:42 PM	0.3	0.4	5.7	3.1	0.1
6/10/2020 1:48 PM	0.3	0.4	5.2	3.1	0.1
6/10/2020 1:54 PM	0.3	0.3	5.2	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 2:00 PM	0.3	0.3	5.3	3.1	0.1
6/10/2020 2:06 PM	0.3	0.4	5.6	3.1	0.1
6/10/2020 2:12 PM	0.3	0.4	5.7	3.1	0.1
6/10/2020 2:18 PM	0.3	0.5	5.2	3	0.1
6/10/2020 2:24 PM	0.3	0.7	3.7	2.6	0.1
6/10/2020 2:30 PM	0.3	0.8	3	2.4	0.1
6/10/2020 2:36 PM	0.3	0.9	3	2.4	0.1
6/10/2020 2:42 PM	0.3	1	3	2.4	0.1
6/10/2020 2:48 PM	0.3	1.1	2.8	2.4	0.1
6/10/2020 2:54 PM	0.3	1.1	2.8	2.5	0.1
6/10/2020 3:00 PM	0.3	1.1	2.6	2.6	0.1
6/10/2020 3:06 PM	0.3	1.1	2.1	2.6	0.1
6/10/2020 3:12 PM	0.3	1.1	1.9	2.5	0.1
6/10/2020 3:18 PM	0.3	1.1	1.8	2.5	0.1
6/10/2020 3:24 PM	0.3	0.9	1.9	2.5	0.1
6/10/2020 3:30 PM	0.2	0.8	1.8	2.6	0.1
6/10/2020 3:36 PM	0.2	0.8	1.8	2.6	0.1
6/10/2020 3:42 PM	0.2	0.9	1.8	2.6	0.1
6/10/2020 3:48 PM	0.2	0.9	1.8	2.6	0.1
6/10/2020 3:54 PM	0.2	0.8	1.8	2.6	0.1
6/10/2020 4:00 PM	0.2	0.7	1.8	2.6	0.1
6/10/2020 4:06 PM	0.2	0.7	1.8	2.6	0.1
6/10/2020 4:12 PM	0.2	0.7	1.8	2.6	0.1
6/10/2020 4:18 PM	0.2	0.7	1.7	2.5	0.1
6/10/2020 4:24 PM	0.2	0.8	1.8	2.5	0.1
6/10/2020 4:30 PM	0.2	0.8	1.7	2.6	0.1
6/10/2020 4:36 PM	0.2	0.8	1.7	2.6	0.1
6/10/2020 4:42 PM	0.2	0.8	1.7	2.6	0.1
6/10/2020 4:48 PM	0.2	0.8	1.7	2.6	0.1
6/10/2020 4:54 PM	0.2	0.8	1.7	2.5	0.1
6/10/2020 5:00 PM	0.2	0.8	1.7	2.5	0.1
6/10/2020 5:06 PM	0.2	0.8	1.7	2.5	0.1
6/10/2020 5:12 PM	0.2	0.9	1.7	2.6	0.1
6/10/2020 5:18 PM	0.2	1.1	1.7	2.6	0.1
6/10/2020 5:24 PM	0.2	1.3	1.7	2.5	0.1
6/10/2020 5:30 PM	0.2	1.6	1.7	2.5	0.1
6/10/2020 5:36 PM	0.2	1.8	1.7	2.5	0.1
6/10/2020 5:42 PM	0.2	1.8	1.7	2.6	0.1
6/10/2020 5:48 PM	0.2	1.8	1.7	2.6	0.1
6/10/2020 5:54 PM	0.2	1.7	1.7	2.6	0.1
6/10/2020 6:00 PM	0.2	1.8	1.8	2.6	0.1
6/10/2020 6:06 PM	0.2	2	1.8	2.5	0.1
6/10/2020 6:12 PM	0.2	2.1	1.7	2.3	0.1
6/10/2020 6:18 PM	0.2	2.2	1.7	2.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 6:24 PM	0.2	2.3	1.7	2.3	0.1
6/10/2020 6:30 PM	0.2	2.4	1.7	2.3	0.1
6/10/2020 6:36 PM	0.2	2.4	1.7	2.4	0.1
6/10/2020 6:42 PM	0.2	2.5	1.7	2.4	0.1
6/10/2020 6:48 PM	0.2	2.6	1.7	2.4	0.1
6/10/2020 6:54 PM	0.2	2.6	1.7	2.4	0.1
6/10/2020 7:00 PM	0.2	2.6	1.7	2.4	0.1
6/10/2020 7:06 PM	0.2	2.6	1.6	2.4	0.1
6/10/2020 7:12 PM	0.2	2.6	1.7	2.4	0.1
6/10/2020 7:18 PM	0.2	2.5	1.7	2.4	0.1
6/10/2020 7:24 PM	0.2	2.5	1.7	2.4	0.1
6/10/2020 7:30 PM	0.1	2.4	1.7	2.4	0.1
6/10/2020 7:36 PM	0.1	2.3	1.7	2.4	0.1
6/10/2020 7:42 PM	0.1	2.2	1.7	2.4	0.1
6/10/2020 7:48 PM	0.1	2.2	1.7	2.5	0.1
6/10/2020 7:54 PM	0.1	2.2	1.7	2.5	0.1
6/10/2020 8:00 PM	0.1	2.2	1.7	2.5	0.1
6/10/2020 8:06 PM	0.1	2.2	1.7	2.5	0.1
6/10/2020 8:12 PM	0.1	2.1	1.7	2.4	0.1
6/10/2020 8:18 PM	0.1	2.1	1.7	2.3	0.1
6/10/2020 8:24 PM	0.1	2.1	1.7	2.4	0.1
6/10/2020 8:30 PM	0.1	2.1	1.7	2.4	0.1
6/10/2020 8:36 PM	0.1	2.1	1.7	2.5	0.1
6/10/2020 8:42 PM	0.1	2.1	1.7	2.6	0.1
6/10/2020 8:48 PM	0.1	2.1	1.6	2.6	0.1
6/10/2020 8:54 PM	0.1	2.1	1.7	2.5	0.1
6/10/2020 9:00 PM	0.1	2	1.7	2.6	0.1
6/10/2020 9:06 PM	0.1	2	1.6	2.5	0.1
6/10/2020 9:12 PM	0.1	2	1.6	2.6	0.1
6/10/2020 9:18 PM	0.1	2	1.6	2.6	0.1
6/10/2020 9:24 PM	0.1	1.9	1.6	2.4	0.1
6/10/2020 9:30 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 9:36 PM	0.1	1.9	1.6	2.6	0.1
6/10/2020 9:42 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 9:48 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 9:54 PM	0.1	1.9	1.6	2.6	0.1
6/10/2020 10:00 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 10:06 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 10:12 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 10:18 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 10:24 PM	0.1	1.9	1.6	2.6	0.1
6/10/2020 10:30 PM	0.1	1.9	1.6	2.6	0.1
6/10/2020 10:36 PM	0.1	1.9	1.6	2.5	0.1
6/10/2020 10:42 PM	0.1	2	1.6	2.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/10/2020 10:48 PM	0.1	2	1.6	2.5	0.1
6/10/2020 10:54 PM	0.1	2	1.6	2.5	0.1
6/10/2020 11:00 PM	0.1	2	1.6	2.5	0.1
6/10/2020 11:06 PM	0.1	2	1.5	2.5	0.1
6/10/2020 11:12 PM	0.1	2	1.5	2.5	0.1
6/10/2020 11:18 PM	0.1	2	1.5	2.5	0.1
6/10/2020 11:24 PM	0.1	2	1.6	2.4	0.1
6/10/2020 11:30 PM	0.1	2	1.6	2.4	0.1
6/10/2020 11:36 PM	0.1	2	1.6	2.5	0.1
6/10/2020 11:42 PM	0.1	2	1.6	2.5	0.1
6/10/2020 11:48 PM	0.1	2	1.6	2.4	0.1
6/10/2020 11:54 PM	0.1	2	1.6	2.4	0.1
6/11/2020 12:00 AM	0.1	2	1.6	2.4	0.1
6/11/2020 12:06 AM	0.1	2	1.6	2.4	0.1
6/11/2020 12:12 AM	0.1	2	2.1	2.1	0.1
6/11/2020 12:18 AM	0.1	2.1	2.9	0.6	0.1
6/11/2020 12:24 AM	0.1	2.1	3	-0.3	0.1
6/11/2020 12:30 AM	0.1	2.1	3	-0.3	0.1
6/11/2020 12:36 AM	0.1	2.1	2.9	-0.3	0.1
6/11/2020 12:42 AM	0.1	2.1	2.8	-0.3	0.1
6/11/2020 12:48 AM	0.1	2.1	2.7	-0.3	0.1
6/11/2020 12:54 AM	0.1	2.1	2.6	-0.3	0.1
6/11/2020 1:00 AM	0.1	2	2.5	-0.3	0.1
6/11/2020 1:06 AM	0.1	2	2.5	-0.3	0.1
6/11/2020 1:12 AM	0.1	2	2.5	-0.3	0.1
6/11/2020 1:18 AM	0.1	2	2.5	-0.3	0.1
6/11/2020 1:24 AM	0.1	2	2.4	-0.3	0.1
6/11/2020 1:30 AM	0.1	2	2.2	-0.3	0.1
6/11/2020 1:36 AM	0.1	2	1.9	-0.3	0.1
6/11/2020 1:42 AM	0.1	2	1.9	-0.3	0.1
6/11/2020 1:48 AM	0.1	2	1.9	-0.3	0.1
6/11/2020 1:54 AM	0.2	2	1.9	-0.3	0.1
6/11/2020 2:00 AM	0.2	2	1.9	-0.3	0.1
6/11/2020 2:06 AM	0.2	2	1.9	-0.3	0.1
6/11/2020 2:12 AM	0.2	1.9	1.8	-0.3	0.1
6/11/2020 2:18 AM	0.2	1.9	1.9	-0.3	0.1
6/11/2020 2:24 AM	0.2	1.9	1.8	-0.3	0.1
6/11/2020 2:30 AM	0.2	1.9	1.8	-0.3	0.1
6/11/2020 2:36 AM	0.2	1.9	1.8	-0.3	0.1
6/11/2020 2:42 AM	0.2	1.9	1.8	-0.3	0.1
6/11/2020 2:48 AM	0.2	1.8	1.8	-0.3	0.1
6/11/2020 2:54 AM	0.2	1.8	1.8	-0.3	0.1
6/11/2020 3:00 AM	0.2	1.8	1.8	-0.3	0.1
6/11/2020 3:06 AM	0.2	1.8	1.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/11/2020 3:12 AM	0.2	1.8	1.8	-0.3	0.1
6/11/2020 3:18 AM	0.2	1.8	1.8	-0.3	0.1
6/11/2020 3:24 AM	0.2	1.7	1.8	-0.3	0.1
6/11/2020 3:30 AM	0.2	1.7	1.8	-0.3	0.1
6/11/2020 3:36 AM	0.2	1.7	1.7	-0.3	0.1
6/11/2020 3:42 AM	0.2	1.7	1.7	-0.3	0.1
6/11/2020 3:48 AM	0.2	1.6	1.7	-0.3	0.1
6/11/2020 3:54 AM	0.2	1.6	1.7	-0.3	0.1
6/11/2020 4:00 AM	0.2	1.6	1.7	-0.3	0.1
6/11/2020 4:06 AM	0.2	1.6	1.7	-0.3	0.1
6/11/2020 4:12 AM	0.1	1.6	1.7	-0.3	0.1
6/11/2020 4:18 AM	0.1	1.6	1.9	-0.3	0.1
6/11/2020 4:24 AM	0.1	1.7	2.4	-0.3	0.1
6/11/2020 4:30 AM	0.1	1.6	2.8	-0.3	0.1
6/11/2020 4:36 AM	0.1	1.6	2.8	-0.3	0.1
6/11/2020 4:42 AM	0.1	1.6	2.7	-0.3	0.1
6/11/2020 4:48 AM	0.1	1.6	3.4	-0.3	0.1
6/11/2020 4:54 AM	0.1	1.6	3.9	-0.3	0.1
6/11/2020 5:00 AM	0.1	1.6	3.7	-0.3	0.1
6/11/2020 5:06 AM	0.1	1.6	3.5	-0.3	0.1
6/11/2020 5:12 AM	0.1	1.6	3.1	-0.3	0.1
6/11/2020 5:18 AM	0.1	1.7	2.9	-0.3	0.1
6/11/2020 5:24 AM	0.1	1.7	2.8	-0.3	0.1
6/11/2020 5:30 AM	0.1	1.7	2.8	-0.3	0.1
6/11/2020 5:36 AM	0.1	1.7	2.8	-0.3	0.1
6/11/2020 5:42 AM	0.1	1.7	2.8	-0.3	0.1
6/11/2020 5:48 AM	0.1	1.8	2.8	-0.3	0.1
6/11/2020 5:54 AM	0.1	1.8	2.9	-0.3	0.1
6/11/2020 6:00 AM	0.1	1.9	2.9	-0.3	0.1
6/11/2020 6:06 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:12 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:18 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:24 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:30 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:36 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:42 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:48 AM	0.1	2	2.8	-0.3	0.1
6/11/2020 6:54 AM	0.1	2	2.9	-0.3	4.7
6/11/2020 7:00 AM	0.1	2	2.9	6.1	11
6/11/2020 7:06 AM	0.1	9.5	2.8	7.1	4
6/11/2020 7:12 AM	0.1	12.1	2.7	0	0.5
6/11/2020 7:18 AM	0.1	6.4	2.7	-0.3	0.3
6/11/2020 7:24 AM	0.1	5.7	2.7	-0.3	0.2
6/11/2020 7:30 AM	0.1	4.7	2.7	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/11/2020 7:36 AM	0.1	3.8	2.6	-0.3	0.2
6/11/2020 7:42 AM	0.1	3.2	2.6	-0.3	0.2
6/11/2020 7:48 AM	0.1	2.9	2.7	-0.3	0.1
6/11/2020 7:54 AM	0.1	2.7	2.6	-0.3	0.1
6/11/2020 8:00 AM	0.2	2.5	2.5	-0.3	0.1
6/11/2020 8:06 AM	0.2	2.5	2.5	-0.3	0.1
6/11/2020 8:12 AM	0.2	2.4	2.5	-0.3	0.1
6/11/2020 8:18 AM	0.2	2.2	2.5	-0.3	0.1
6/11/2020 8:24 AM	0.2	2	2.5	-0.3	0.1
6/11/2020 8:30 AM	0.2	1.9	2.5	-0.3	0.1
6/11/2020 8:36 AM	0.2	1.9	2.9	-0.3	0.1
6/11/2020 8:42 AM	0.2	2	3.6	-0.3	0.1
6/11/2020 8:48 AM	0.2	1.9	3.9	-0.3	0.1
6/11/2020 8:54 AM	0.2	1.9	4.1	-0.3	0.1
6/11/2020 9:00 AM	0.2	1.8	4.1	-0.3	0.1
6/11/2020 9:06 AM	0.2	1.8	4.2	-0.3	0.1
6/11/2020 9:12 AM	0.2	1.8	4.2	-0.3	0.1
6/11/2020 9:18 AM	0.2	1.7	4.3	-0.2	0.1
6/11/2020 9:24 AM	0.2	1.6	4.3	-0.3	0.1
6/11/2020 9:30 AM	0.2	1.5	4.4	-0.3	0.1
6/11/2020 9:36 AM	0.2	1.4	4.5	-0.2	0.1
6/11/2020 9:42 AM	0.2	1.4	4.6	-0.3	0.1
6/11/2020 9:48 AM	0.2	1.3	4.5	-0.3	0.1
6/11/2020 9:54 AM	0.2	1.3	4.5	-0.3	0.1
6/11/2020 10:00 AM	0.2	1.4	4.6	-0.3	0.1
6/11/2020 10:06 AM	0.2	1.4	4.5	-0.3	0.1
6/11/2020 10:12 AM	0.2	1.4	4.4	-0.3	0.2
6/11/2020 10:18 AM	0.2	1.5	4.4	-0.3	0.2
6/11/2020 10:24 AM	0.2	1.6	4.4	-0.3	0.2
6/11/2020 10:30 AM	0.2	1.6	4.4	-0.3	0.2
6/11/2020 10:36 AM	0.2	1.7	4.3	-0.3	0.2
6/11/2020 10:42 AM	0.2	1.9	4.2	-0.3	0.2
6/11/2020 10:48 AM	0.2	2	4.2	-0.3	0.2
6/11/2020 10:54 AM	0.2	2	4.3	-0.3	0.2
6/11/2020 11:00 AM	0.2	2	4.2	-0.3	0.1
6/11/2020 11:06 AM	0.3	1.9	4.2	-0.3	0.2
6/11/2020 11:12 AM	0.3	1.9	4.2	-0.3	0.2
6/11/2020 11:18 AM	0.3	1.9	4.5	3.1	0.2
6/11/2020 11:24 AM	0.3	2	6	12.9	0.2
6/11/2020 11:30 AM	0.3	2	4.7	15	0.2
6/11/2020 11:36 AM	0.3	2	2.5	10.9	0.2
6/11/2020 11:42 AM	0.3	2	2.1	7.3	0.2
6/11/2020 11:48 AM	0.3	2.1	2	6.4	0.2
6/11/2020 11:54 AM	0.3	2	2	6.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/11/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/11/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/11/2020 12:12 PM	-0.4	1.9	2	5.8	0.1
6/11/2020 12:18 PM	-0.4	1.9	1.9	6.2	0.1
6/11/2020 12:24 PM	-0.4	1.9	1.9	6.5	0.1
6/11/2020 12:30 PM	-0.4	1.9	1.8	6.4	0.1
6/11/2020 12:36 PM	Maintain	<Samp	<Samp	<Samp	<Samp
6/11/2020 12:42 PM	Maintain	Maintain	Maintain	Maintain	Maintain
6/11/2020 12:48 PM	-0.4	2	2	5	0.1
6/11/2020 12:54 PM	-0.4	1.9	1.9	4.9	0.1
6/11/2020 1:00 PM	-0.4	1.8	1.9	4.6	0.1
6/11/2020 1:06 PM	-0.4	1.7	2	4.2	0.1
6/11/2020 1:12 PM	-0.4	1.7	2	3.9	0.1
6/11/2020 1:18 PM	-0.4	1.7	1.9	3.7	0.1
6/11/2020 1:24 PM	-0.4	1.7	1.9	3.6	0.1
6/11/2020 1:30 PM	-0.4	1.6	1.9	3.6	0.1
6/11/2020 1:36 PM	-0.4	1.6	1.9	3.6	0.1
6/11/2020 1:42 PM	-0.4	1.8	1.7	3.5	0.1
6/11/2020 1:48 PM	-0.4	2.5	1.5	3.4	0.1
6/11/2020 1:54 PM	-0.4	2.8	1.7	3.4	0.1
6/11/2020 2:00 PM	-0.5	2.7	1.8	3.4	0.1
6/11/2020 2:06 PM	-0.5	2.5	2	3.5	0.1
6/11/2020 2:12 PM	-0.5	2.4	2	3.5	0.1
6/11/2020 2:18 PM	-0.5	2.4	1.9	3.4	0.1
6/11/2020 2:24 PM	-0.5	2.7	1.7	3.5	0
6/11/2020 2:30 PM	-0.5	2.8	1.7	3.5	0
6/11/2020 2:36 PM	-0.5	2.6	1.8	3.5	0
6/11/2020 2:42 PM	-0.5	2.5	2	3.4	0.1
6/11/2020 2:48 PM	-0.5	2.5	2	3.4	0.1
6/11/2020 2:54 PM	-0.5	2.4	2.1	3.5	0.1
6/11/2020 3:00 PM	-0.5	2.4	2	3.5	0.1
6/11/2020 3:06 PM	-0.5	2.4	2	3.3	0.1
6/11/2020 3:12 PM	-0.5	2.3	1.9	3.4	0.1
6/11/2020 3:18 PM	-0.5	2.3	1.9	3.3	0.1
6/11/2020 3:24 PM	-0.5	2.2	2	3.2	0.1
6/11/2020 3:30 PM	-0.5	2.2	1.9	3.2	0.1
6/11/2020 3:36 PM	-0.5	2.2	1.9	3.2	0.1
6/11/2020 3:42 PM	-0.5	2.1	1.9	3.3	0.1
6/11/2020 3:48 PM	-0.5	2.1	1.9	3.3	0.1
6/11/2020 3:54 PM	-0.5	2	1.9	3.5	0.1
6/11/2020 4:00 PM	-0.5	1.9	1.9	3.4	0.1
6/11/2020 4:06 PM	-0.5	1.7	1.9	3.4	0.1
6/11/2020 4:12 PM	-0.5	1.4	1.9	3.3	0.1
6/11/2020 4:18 PM	-0.5	1.2	1.8	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/11/2020 4:24 PM	-0.5	1.1	1.9	3.1	0.1
6/11/2020 4:30 PM	-0.5	1	2	3.2	0.1
6/11/2020 4:36 PM	-0.5	0.9	2	3.2	0.1
6/11/2020 4:42 PM	-0.5	0.8	2	3.1	0.1
6/11/2020 4:48 PM	-0.5	0.8	2	3.1	0.1
6/11/2020 4:54 PM	-0.5	0.9	2	3	0.1
6/11/2020 5:00 PM	-0.5	1	2	3.1	0.1
6/11/2020 5:06 PM	-0.5	1	2.1	3.1	0.1
6/11/2020 5:12 PM	-0.5	1.1	2.1	3.2	0.1
6/11/2020 5:18 PM	-0.5	1.1	2	3.1	0.1
6/11/2020 5:24 PM	-0.5	1.2	2	3.3	0.1
6/11/2020 5:30 PM	-0.5	1.2	2	3.4	0.1
6/11/2020 5:36 PM	-0.5	1.2	2	3.3	0.1
6/11/2020 5:42 PM	-0.5	1.2	2	3.2	0.1
6/11/2020 5:48 PM	-0.5	1.2	2	3.2	0.1
6/11/2020 5:54 PM	-0.5	1.3	2.1	3.3	0.1
6/11/2020 6:00 PM	-0.5	1.3	2.1	3.4	0.1
6/11/2020 6:06 PM	-0.5	1.4	2.1	3.5	0.1
6/11/2020 6:12 PM	-0.5	1.4	2.1	3.4	0.1
6/11/2020 6:18 PM	-0.5	1.4	2	3.5	0.1
6/11/2020 6:24 PM	-0.5	1.3	2	3.4	0.1
6/11/2020 6:30 PM	-0.4	1.3	2	3.4	0.1
6/11/2020 6:36 PM	-0.4	1.3	2.1	3.2	0.1
6/11/2020 6:42 PM	-0.4	1.2	2.1	3.1	0.1
6/11/2020 6:48 PM	-0.4	1.3	2	3	0.1
6/11/2020 6:54 PM	-0.4	1.3	1.9	2.9	0.1
6/11/2020 7:00 PM	-0.4	1.3	1.9	2.8	0.1
6/11/2020 7:06 PM	-0.4	1.4	1.8	2.9	0.1
6/11/2020 7:12 PM	-0.4	1.4	6.1	2	0.1
6/11/2020 7:18 PM	-0.4	1.4	7.4	0.1	0.1
6/11/2020 7:24 PM	-0.4	1.4	3.5	-0.5	0.1
6/11/2020 7:30 PM	-0.4	1.4	3.5	-0.5	0.1
6/11/2020 7:36 PM	-0.4	1.4	3.6	-0.5	0.1
6/11/2020 7:42 PM	-0.4	1.4	3.8	-0.5	0.1
6/11/2020 7:48 PM	-0.4	1.4	4	-0.5	0.1
6/11/2020 7:54 PM	-0.4	1.4	4.1	-0.5	0.1
6/11/2020 8:00 PM	-0.4	1.4	4.2	-0.5	0.1
6/11/2020 8:06 PM	-0.4	1.5	4.3	-0.5	0.1
6/11/2020 8:12 PM	-0.4	1.5	4.5	-0.5	0.1
6/11/2020 8:18 PM	-0.4	1.5	4.4	-0.5	0.1
6/11/2020 8:24 PM	-0.4	1.5	4.4	-0.5	0.1
6/11/2020 8:30 PM	-0.4	1.5	4.5	-0.5	0.1
6/11/2020 8:36 PM	-0.4	1.5	4.6	-0.5	0.1
6/11/2020 8:42 PM	-0.4	1.5	4.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/11/2020 8:48 PM	-0.5	1.5	4.7	-0.5	0.1
6/11/2020 8:54 PM	-0.5	1.5	4.6	-0.5	0.1
6/11/2020 9:00 PM	-0.5	1.5	4.6	-0.5	0.1
6/11/2020 9:06 PM	-0.5	1.5	4.6	-0.5	0.1
6/11/2020 9:12 PM	-0.5	1.5	4.7	-0.5	0.1
6/11/2020 9:18 PM	-0.5	1.5	4.7	-0.5	0.1
6/11/2020 9:24 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 9:30 PM	-0.5	1.4	4.9	-0.5	0.1
6/11/2020 9:36 PM	-0.5	1.4	4.9	-0.5	0.1
6/11/2020 9:42 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 9:48 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 9:54 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 10:00 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 10:06 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 10:12 PM	-0.5	1.4	4.8	-0.5	0.1
6/11/2020 10:18 PM	-0.5	1.3	4.8	-0.5	0.1
6/11/2020 10:24 PM	-0.5	1.3	4.7	-0.5	0.1
6/11/2020 10:30 PM	-0.5	1.3	4.7	-0.4	0.1
6/11/2020 10:36 PM	-0.5	1.3	4.8	-0.4	0.1
6/11/2020 10:42 PM	-0.5	1.3	4.8	-0.4	0.1
6/11/2020 10:48 PM	-0.5	1.3	4.8	-0.4	0.1
6/11/2020 10:54 PM	-0.5	1.3	4.8	-0.4	0.1
6/11/2020 11:00 PM	-0.5	1.3	4.8	-0.4	0.1
6/11/2020 11:06 PM	-0.5	1.3	4.4	-0.4	0.1
6/11/2020 11:12 PM	-0.5	1.3	3.9	-0.5	0.1
6/11/2020 11:18 PM	-0.5	1.3	3.7	-0.4	0.1
6/11/2020 11:24 PM	-0.5	1.3	3.6	-0.5	0.1
6/11/2020 11:30 PM	-0.5	1.3	3.4	-0.5	0.1
6/11/2020 11:36 PM	-0.5	1.3	3.4	-0.4	0.1
6/11/2020 11:42 PM	-0.5	1.3	3.4	-0.4	0.1
6/11/2020 11:48 PM	-0.5	1.2	3.3	-0.4	0.1
6/11/2020 11:54 PM	-0.5	1.2	3.2	-0.4	0.1
6/12/2020 12:00 AM	-0.5	1.2	3.2	-0.4	0.1
6/12/2020 12:06 AM	-0.5	1.2	3.2	-0.4	0.1
6/12/2020 12:12 AM	-0.5	1.2	3.1	-0.5	0.1
6/12/2020 12:18 AM	-0.5	1.2	3.1	-0.5	0.1
6/12/2020 12:24 AM	-0.5	1.2	3.1	-0.5	0.1
6/12/2020 12:30 AM	-0.5	1.2	3.1	-0.5	0.1
6/12/2020 12:36 AM	-0.5	1.2	3.1	-0.4	0.1
6/12/2020 12:42 AM	-0.5	1.2	3.1	-0.4	0.1
6/12/2020 12:48 AM	-0.5	1.2	3	-0.4	0.1
6/12/2020 12:54 AM	-0.5	1.2	3	-0.4	0.1
6/12/2020 1:00 AM	-0.5	1.2	3.1	-0.4	0.1
6/12/2020 1:06 AM	-0.5	1.2	3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 1:12 AM	-0.5	1.2	3	-0.4	0.1
6/12/2020 1:18 AM	-0.5	1.2	2.9	-0.4	0.1
6/12/2020 1:24 AM	-0.5	1.2	2.7	-0.4	0.1
6/12/2020 1:30 AM	-0.5	1.2	2.3	-0.5	0.1
6/12/2020 1:36 AM	-0.5	1.2	2.1	-0.4	0.1
6/12/2020 1:42 AM	-0.5	1.2	2	-0.4	0.1
6/12/2020 1:48 AM	-0.5	1.2	1.9	-0.5	0.1
6/12/2020 1:54 AM	-0.5	1.2	1.9	-0.5	0.1
6/12/2020 2:00 AM	-0.5	1.2	1.9	-0.5	0.1
6/12/2020 2:06 AM	-0.5	1.2	1.9	-0.5	0.1
6/12/2020 2:12 AM	-0.5	1.1	1.9	-0.5	0.1
6/12/2020 2:18 AM	-0.5	1.1	1.9	-0.5	0.1
6/12/2020 2:24 AM	-0.5	1.1	1.8	-0.5	0.1
6/12/2020 2:30 AM	-0.5	1.1	1.8	-0.5	0.1
6/12/2020 2:36 AM	-0.5	1.1	1.8	-0.5	0.1
6/12/2020 2:42 AM	-0.5	1	1.9	-0.5	0.1
6/12/2020 2:48 AM	-0.5	1	1.9	-0.5	0.1
6/12/2020 2:54 AM	-0.5	1	1.9	-0.5	0.1
6/12/2020 3:00 AM	-0.5	0.9	2	-0.5	0.1
6/12/2020 3:06 AM	-0.5	0.9	2	-0.5	0.1
6/12/2020 3:12 AM	-0.5	0.9	2	-0.5	0.1
6/12/2020 3:18 AM	-0.5	0.9	2	-0.5	0.1
6/12/2020 3:24 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 3:30 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 3:36 AM	-0.5	0.9	2	-0.5	0.1
6/12/2020 3:42 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 3:48 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 3:54 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:00 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:06 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:12 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:18 AM	-0.5	0.8	1.9	-0.5	0.1
6/12/2020 4:24 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:30 AM	-0.5	0.8	2	-0.5	0.1
6/12/2020 4:36 AM	-0.5	0.8	1.9	-0.5	0.1
6/12/2020 4:42 AM	-0.5	0.8	1.9	-0.5	0.1
6/12/2020 4:48 AM	-0.5	0.8	1.9	-0.4	0.1
6/12/2020 4:54 AM	-0.5	0.8	1.9	-0.4	0.1
6/12/2020 5:00 AM	-0.5	0.9	1.9	-0.4	0.1
6/12/2020 5:06 AM	-0.5	1	1.8	-0.4	0.1
6/12/2020 5:12 AM	-0.5	1.3	1.7	-0.4	0.1
6/12/2020 5:18 AM	-0.5	1.8	1.6	-0.5	0.1
6/12/2020 5:24 AM	-0.6	2.1	1.6	-0.4	0.1
6/12/2020 5:30 AM	-0.6	2.1	1.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 5:36 AM	-0.6	2.2	1.6	-0.4	0.1
6/12/2020 5:42 AM	-0.6	2.2	1.5	-0.4	0.1
6/12/2020 5:48 AM	-0.6	2.1	1.6	-0.4	0.1
6/12/2020 5:54 AM	-0.6	1.9	1.6	-0.4	0.1
6/12/2020 6:00 AM	-0.6	1.9	1.6	-0.4	0.1
6/12/2020 6:06 AM	-0.6	1.8	1.6	-0.4	0.1
6/12/2020 6:12 AM	-0.6	1.9	1.6	-0.4	0.1
6/12/2020 6:18 AM	-0.6	1.9	1.5	-0.5	0.1
6/12/2020 6:24 AM	-0.6	1.9	1.9	-0.5	0.1
6/12/2020 6:30 AM	-0.6	1.8	2.4	-0.5	0.1
6/12/2020 6:36 AM	-0.6	1.6	2.5	-0.5	0.1
6/12/2020 6:42 AM	-0.6	1.5	2.5	-0.5	0.1
6/12/2020 6:48 AM	-0.6	1.4	2.5	-0.5	0.1
6/12/2020 6:54 AM	-0.6	1.3	2.5	-0.5	0.1
6/12/2020 7:00 AM	-0.6	1.2	2.5	-0.5	0.1
6/12/2020 7:06 AM	-0.6	1.1	2.6	-0.5	0.1
6/12/2020 7:12 AM	-0.5	1	2.6	-0.5	0.1
6/12/2020 7:18 AM	-0.5	0.9	2.7	-0.5	0.1
6/12/2020 7:24 AM	-0.5	0.9	2.7	-0.5	0.1
6/12/2020 7:30 AM	-0.5	0.8	2.8	-0.5	0.1
6/12/2020 7:36 AM	-0.5	0.7	2.8	-0.5	0.1
6/12/2020 7:42 AM	-0.5	0.7	2.8	-0.5	0.1
6/12/2020 7:48 AM	-0.5	0.6	2.9	-0.5	0.1
6/12/2020 7:54 AM	-0.5	0.6	3.4	-0.5	0.1
6/12/2020 8:00 AM	-0.4	0.5	4	-0.5	0.1
6/12/2020 8:06 AM	-0.4	0.4	4.3	-0.5	0.1
6/12/2020 8:12 AM	-0.4	0.3	4.5	-0.5	0.1
6/12/2020 8:18 AM	-0.4	0.3	4.6	-0.5	0.1
6/12/2020 8:24 AM	-0.4	0.3	4.7	-0.5	0.1
6/12/2020 8:30 AM	-0.4	0.2	4.7	-0.5	0.1
6/12/2020 8:36 AM	-0.4	0.2	4.8	-0.5	0.1
6/12/2020 8:42 AM	-0.4	0.1	5	-0.5	0.1
6/12/2020 8:48 AM	-0.4	0	5	-0.5	0.1
6/12/2020 8:54 AM	-0.4	-0.1	5	-0.5	0.1
6/12/2020 9:00 AM	-0.4	-0.2	5	-0.5	0.1
6/12/2020 9:06 AM	-0.3	-0.3	4.9	-0.5	0.1
6/12/2020 9:12 AM	-0.3	-0.3	5	-0.5	0.1
6/12/2020 9:18 AM	-0.3	-0.3	5.1	-0.5	0.1
6/12/2020 9:24 AM	-0.3	-0.3	5.1	-0.5	0.1
6/12/2020 9:30 AM	-0.3	-0.2	5.1	-0.5	0.1
6/12/2020 9:36 AM	-0.3	-0.2	5.2	-0.5	0.1
6/12/2020 9:42 AM	-0.3	-0.2	5.3	-0.5	0.1
6/12/2020 9:48 AM	-0.3	-0.1	5.2	-0.5	0.1
6/12/2020 9:54 AM	-0.3	-0.1	5.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 10:00 AM	-0.3	-0.1	4.9	-0.5	0.1
6/12/2020 10:06 AM	-0.3	-0.1	4.9	-0.5	0.1
6/12/2020 10:12 AM	-0.3	-0.1	4.9	-0.5	0.1
6/12/2020 10:18 AM	-0.3	-0.1	5	-0.5	0.1
6/12/2020 10:24 AM	-0.3	-0.2	5.1	-0.5	0.1
6/12/2020 10:30 AM	-0.4	-0.2	5.1	-0.5	0.1
6/12/2020 10:36 AM	-0.4	-0.3	5.2	-0.5	0.1
6/12/2020 10:42 AM	-0.4	-0.3	5.2	-0.5	0.1
6/12/2020 10:48 AM	-0.4	-0.3	5.3	-0.5	0.1
6/12/2020 10:54 AM	-0.4	-0.3	5.3	-0.5	0.1
6/12/2020 11:00 AM	-0.4	-0.2	5.3	-0.4	0.1
6/12/2020 11:06 AM	-0.4	-0.2	5.4	-0.4	0.1
6/12/2020 11:12 AM	-0.4	-0.3	5.6	-0.4	0.1
6/12/2020 11:18 AM	-0.4	-0.3	5.7	-0.4	0.1
6/12/2020 11:24 AM	-0.4	-0.3	5.7	-0.4	0.1
6/12/2020 11:30 AM	-0.4	-0.2	5.6	-0.4	0.1
6/12/2020 11:36 AM	-0.4	-0.2	5.4	-0.4	0.1
6/12/2020 11:42 AM	-0.4	-0.2	5.5	-0.4	0.1
6/12/2020 11:48 AM	-0.4	-0.2	5.7	-0.4	0.1
6/12/2020 11:54 AM	-0.4	-0.3	5.8	-0.4	0.1
6/12/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/12/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/12/2020 12:12 PM	0.1	-0.1	5.9	-0.2	0.1
6/12/2020 12:18 PM	0.1	-0.1	5.8	-0.2	0.1
6/12/2020 12:24 PM	0.1	7.8	5.7	-0.2	0.1
6/12/2020 12:30 PM	0.1	15.3	5.7	5.1	0.1
6/12/2020 12:36 PM	0.1	7	5.6	11.9	0.1
6/12/2020 12:42 PM	0.1	7.8	5.1	4.7	9.3
6/12/2020 12:48 PM	0.1	10.1	3.6	0.8	11.4
6/12/2020 12:54 PM	0.1	7.2	2.7	0.4	1.7
6/12/2020 1:00 PM	0.1	4.5	2.4	0.1	0.6
6/12/2020 1:06 PM	0.1	3.1	2.3	0	0.3
6/12/2020 1:12 PM	0.1	2.6	2.2	-0.1	0.2
6/12/2020 1:18 PM	0.1	2.7	2.2	-0.1	0.2
6/12/2020 1:24 PM	0.1	2.8	2.1	-0.2	0.1
6/12/2020 1:30 PM	0.1	2.8	2	-0.2	0.1
6/12/2020 1:36 PM	0.1	2.4	2	-0.2	0.1
6/12/2020 1:42 PM	0.1	1.9	2	-0.2	0.1
6/12/2020 1:48 PM	0.1	1.4	2	-0.1	0.1
6/12/2020 1:54 PM	0.1	1	1.9	-0.1	0.1
6/12/2020 2:00 PM	0.1	0.8	1.9	-0.1	0.1
6/12/2020 2:06 PM	0.1	0.6	1.9	-0.1	0.1
6/12/2020 2:12 PM	0.1	0.4	1.9	-0.1	0.1
6/12/2020 2:18 PM	0.1	0.3	1.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 2:24 PM	0.1	0.1	1.9	-0.2	0.1
6/12/2020 2:30 PM	0.1	0.1	1.8	-0.2	0.1
6/12/2020 2:36 PM	0.1	0.1	1.8	-0.2	0.1
6/12/2020 2:42 PM	0.1	0.1	1.8	-0.2	0.1
6/12/2020 2:48 PM	0.1	0	1.8	-0.1	0.1
6/12/2020 2:54 PM	0.1	-0.1	1.9	-0.1	0.1
6/12/2020 3:00 PM	0.1	-0.1	1.9	-0.1	0.1
6/12/2020 3:06 PM	0.1	-0.1	1.9	-0.1	0.1
6/12/2020 3:12 PM	0.1	-0.1	1.8	-0.1	0.1
6/12/2020 3:18 PM	0.1	-0.1	1.8	-0.1	0.1
6/12/2020 3:24 PM	0	-0.1	1.8	-0.1	0.1
6/12/2020 3:30 PM	0	-0.1	1.7	-0.1	0.1
6/12/2020 3:36 PM	0	-0.2	1.7	-0.1	0.1
6/12/2020 3:42 PM	0	-0.3	5.1	-0.1	0.1
6/12/2020 3:48 PM	0	-0.7	5.9	-0.1	0.1
6/12/2020 3:54 PM	0	-1	3.2	-0.1	0.1
6/12/2020 4:00 PM	0	-1.1	3.4	-0.1	0.1
6/12/2020 4:06 PM	0	-1.1	3.5	-0.1	0.1
6/12/2020 4:12 PM	0	-1.1	3.6	-0.1	0.1
6/12/2020 4:18 PM	0	-1.1	3.8	-0.1	0.1
6/12/2020 4:24 PM	0	-1.1	3.9	-0.1	0.1
6/12/2020 4:30 PM	0	-1.1	4.1	-0.1	0.1
6/12/2020 4:36 PM	0	-1.1	4.3	-0.1	0.1
6/12/2020 4:42 PM	0	-1	4.4	-0.1	0.1
6/12/2020 4:48 PM	0	-1	4.5	-0.1	0.1
6/12/2020 4:54 PM	0	-1	4.6	-0.1	0.1
6/12/2020 5:00 PM	0	-1	4.6	-0.1	0.1
6/12/2020 5:06 PM	0	-1.1	4.7	-0.1	0.1
6/12/2020 5:12 PM	0	-1	4.8	-0.1	0.1
6/12/2020 5:18 PM	0	-1	4.9	-0.1	0.1
6/12/2020 5:24 PM	0	-1.1	5	-0.1	0.1
6/12/2020 5:30 PM	0	-1	5.1	-0.1	0.1
6/12/2020 5:36 PM	0	-1	5.1	-0.1	0.1
6/12/2020 5:42 PM	0	-1	5.1	-0.1	0.1
6/12/2020 5:48 PM	0	-1	5.1	-0.1	0.1
6/12/2020 5:54 PM	0	-1	5.1	-0.1	0.1
6/12/2020 6:00 PM	0	-1	5.1	-0.1	0.1
6/12/2020 6:06 PM	0	-1	5.1	-0.1	0.1
6/12/2020 6:12 PM	0	-1	5.2	-0.1	0.1
6/12/2020 6:18 PM	0	-1	5.2	-0.1	0.1
6/12/2020 6:24 PM	0	-1	5.3	-0.1	0
6/12/2020 6:30 PM	0	-1	5.3	-0.1	0
6/12/2020 6:36 PM	0	-1	5.3	-0.1	0
6/12/2020 6:42 PM	0	-1	5.1	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 6:48 PM	0	-1	5.1	-0.1	0
6/12/2020 6:54 PM	0	-1	5.1	-0.1	0
6/12/2020 7:00 PM	0	-1	5.3	-0.1	0
6/12/2020 7:06 PM	0	-1	5.4	-0.1	0
6/12/2020 7:12 PM	0	-1	5.5	-0.1	0
6/12/2020 7:18 PM	0	-0.9	5.6	-0.1	0
6/12/2020 7:24 PM	0	-0.9	5.8	-0.1	0
6/12/2020 7:30 PM	0	-0.9	5.9	-0.1	0
6/12/2020 7:36 PM	0	-1	5.8	-0.1	0
6/12/2020 7:42 PM	0	-1	5.8	-0.1	0
6/12/2020 7:48 PM	0	-1	5.8	-0.1	0
6/12/2020 7:54 PM	0	-0.9	5.8	-0.1	0
6/12/2020 8:00 PM	-0.1	-0.9	5.8	-0.1	0
6/12/2020 8:06 PM	-0.1	-1	5.7	-0.1	0
6/12/2020 8:12 PM	-0.1	-0.9	5.6	-0.1	0
6/12/2020 8:18 PM	-0.1	-1	5.6	-0.1	0
6/12/2020 8:24 PM	-0.1	-1	5.6	-0.1	0
6/12/2020 8:30 PM	-0.1	-1	5.6	-0.1	0
6/12/2020 8:36 PM	-0.1	-1	5.6	-0.1	0
6/12/2020 8:42 PM	-0.1	-1	5.5	-0.1	0
6/12/2020 8:48 PM	-0.1	-0.9	5.5	-0.1	0
6/12/2020 8:54 PM	-0.1	-0.9	5.5	-0.1	0
6/12/2020 9:00 PM	-0.1	-1	5.4	0	0
6/12/2020 9:06 PM	-0.1	-0.9	5.3	-0.1	0
6/12/2020 9:12 PM	-0.1	-0.9	5.2	-0.1	0
6/12/2020 9:18 PM	-0.1	-0.9	5.1	0	0
6/12/2020 9:24 PM	-0.1	-0.9	5.2	0	0
6/12/2020 9:30 PM	-0.1	-0.9	5.2	0	0
6/12/2020 9:36 PM	-0.1	-0.9	5.3	0	0
6/12/2020 9:42 PM	-0.1	-0.9	5.3	0	0
6/12/2020 9:48 PM	-0.1	-0.9	5.3	0	0
6/12/2020 9:54 PM	-0.1	-0.9	5.2	0	0
6/12/2020 10:00 PM	-0.1	-0.9	5	0	0
6/12/2020 10:06 PM	-0.1	-0.9	5	0	0
6/12/2020 10:12 PM	-0.1	-0.9	5	0	0
6/12/2020 10:18 PM	-0.2	-0.9	5.1	0	0
6/12/2020 10:24 PM	-0.2	-0.9	5.2	-0.1	0
6/12/2020 10:30 PM	-0.2	-0.9	5.3	-0.1	0
6/12/2020 10:36 PM	-0.2	-0.9	5.4	-0.1	0
6/12/2020 10:42 PM	-0.2	-0.9	5.5	-0.1	0
6/12/2020 10:48 PM	-0.2	-0.9	5.4	-0.1	0
6/12/2020 10:54 PM	-0.2	-0.9	5.4	-0.1	0
6/12/2020 11:00 PM	-0.2	-0.9	5.5	-0.1	0
6/12/2020 11:06 PM	-0.2	-0.9	4.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/12/2020 11:12 PM	-0.2	-0.9	3.2	-0.1	0
6/12/2020 11:18 PM	-0.2	-0.9	2.6	0	0
6/12/2020 11:24 PM	-0.2	-0.9	2.4	0	0
6/12/2020 11:30 PM	-0.2	-0.9	2.3	0	0
6/12/2020 11:36 PM	-0.2	-0.9	2.3	0	0
6/12/2020 11:42 PM	-0.2	-0.9	2.3	0	0
6/12/2020 11:48 PM	-0.2	-0.9	2.2	0	0
6/12/2020 11:54 PM	-0.2	-0.9	2.2	-0.1	0
6/13/2020 12:00 AM	-0.2	-0.9	2.1	-0.1	0
6/13/2020 12:06 AM	-0.2	-0.9	2.1	-0.1	0
6/13/2020 12:12 AM	-0.2	-0.9	2	-0.1	0
6/13/2020 12:18 AM	-0.2	-0.9	2	0	0
6/13/2020 12:24 AM	-0.2	-0.9	2	0	0
6/13/2020 12:30 AM	-0.2	-0.9	2.1	0	0
6/13/2020 12:36 AM	-0.2	-0.8	2	0	0
6/13/2020 12:42 AM	-0.2	-0.8	2	0	0
6/13/2020 12:48 AM	-0.2	-0.8	2	0	0
6/13/2020 12:54 AM	-0.2	-0.8	2	0	0
6/13/2020 1:00 AM	-0.2	-0.8	2	0	0
6/13/2020 1:06 AM	-0.3	-0.9	2	0	0
6/13/2020 1:12 AM	-0.3	-0.8	2	0	0
6/13/2020 1:18 AM	-0.3	-0.8	1.9	0	0
6/13/2020 1:24 AM	-0.3	-0.8	1.9	0	0
6/13/2020 1:30 AM	-0.3	-0.8	2	0	0
6/13/2020 1:36 AM	-0.3	-0.8	1.9	0	0
6/13/2020 1:42 AM	-0.3	-0.8	1.9	0	0
6/13/2020 1:48 AM	-0.3	-0.8	1.9	0	0
6/13/2020 1:54 AM	-0.3	-0.8	1.9	0	0
6/13/2020 2:00 AM	-0.3	-0.8	1.9	0	0
6/13/2020 2:06 AM	-0.3	-0.9	1.9	0	0
6/13/2020 2:12 AM	-0.3	-0.8	1.9	0	0
6/13/2020 2:18 AM	-0.3	-0.8	1.9	0	0
6/13/2020 2:24 AM	-0.3	-0.8	1.8	0	0
6/13/2020 2:30 AM	-0.3	-0.8	1.8	0	0
6/13/2020 2:36 AM	-0.3	-0.8	1.8	0	0
6/13/2020 2:42 AM	-0.3	-0.8	1.8	0	0
6/13/2020 2:48 AM	-0.3	-0.9	1.8	0	0
6/13/2020 2:54 AM	-0.3	-0.9	1.8	0	0
6/13/2020 3:00 AM	-0.3	-0.9	1.8	0	0
6/13/2020 3:06 AM	-0.3	-0.9	1.8	0	0
6/13/2020 3:12 AM	-0.3	-0.8	1.8	0	0
6/13/2020 3:18 AM	-0.3	-0.8	1.8	0	0
6/13/2020 3:24 AM	-0.3	-0.8	1.9	0	0
6/13/2020 3:30 AM	-0.4	-0.8	1.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/13/2020 3:36 AM	-0.4	-0.8	1.8	0	0
6/13/2020 3:42 AM	-0.4	-0.8	1.8	0	0
6/13/2020 3:48 AM	-0.4	-0.8	2.1	0	0
6/13/2020 3:54 AM	-0.4	-0.8	2.5	0	0
6/13/2020 4:00 AM	-0.4	-0.8	2.5	0	0
6/13/2020 4:06 AM	-0.4	-0.8	2.3	0	0
6/13/2020 4:12 AM	-0.4	-0.8	2.2	0	0
6/13/2020 4:18 AM	-0.4	-0.8	2.3	0	0
6/13/2020 4:24 AM	-0.4	-0.8	2.3	0	0
6/13/2020 4:30 AM	-0.4	-0.8	2.3	0	0
6/13/2020 4:36 AM	-0.4	-0.8	2.2	0	0
6/13/2020 4:42 AM	-0.4	-0.8	2.2	0	0
6/13/2020 4:48 AM	-0.4	-0.7	2.1	0	0
6/13/2020 4:54 AM	-0.4	-0.7	2	0	0
6/13/2020 5:00 AM	-0.4	-0.7	2.1	0	0
6/13/2020 5:06 AM	-0.4	-0.7	2.7	0	0
6/13/2020 5:12 AM	-0.4	-0.7	3.4	0	0
6/13/2020 5:18 AM	-0.4	-0.6	3.4	0	0
6/13/2020 5:24 AM	-0.4	-0.6	3.3	0	0
6/13/2020 5:30 AM	-0.4	-0.6	3.2	0	0
6/13/2020 5:36 AM	-0.4	-0.6	3	0	0
6/13/2020 5:42 AM	-0.4	-0.6	3	0	0
6/13/2020 5:48 AM	-0.4	-0.6	2.9	0	0
6/13/2020 5:54 AM	-0.4	-0.6	2.9	0	0
6/13/2020 6:00 AM	-0.4	-0.6	3	0	0
6/13/2020 6:06 AM	-0.4	-0.6	3	0	0
6/13/2020 6:12 AM	-0.4	-0.6	2.9	0	0
6/13/2020 6:18 AM	-0.4	-0.6	2.9	0	0
6/13/2020 6:24 AM	-0.4	-0.6	2.8	0	0
6/13/2020 6:30 AM	-0.4	-0.7	3	0	0
6/13/2020 6:36 AM	-0.4	-0.7	3.2	-0.1	0
6/13/2020 6:42 AM	-0.4	-0.7	3.3	-0.1	0
6/13/2020 6:48 AM	-0.4	-0.7	3.4	-0.1	0
6/13/2020 6:54 AM	-0.4	-0.8	3.6	-0.1	0
6/13/2020 7:00 AM	-0.4	-0.8	3.7	-0.1	0
6/13/2020 7:06 AM	-0.4	-0.8	3.9	-0.1	0
6/13/2020 7:12 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:18 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:24 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:30 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:36 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:42 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:48 AM	-0.4	-0.8	4	-0.1	0
6/13/2020 7:54 AM	-0.4	-0.8	4	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/13/2020 8:00 AM	-0.4	-0.8	4.1	-0.1	0
6/13/2020 8:06 AM	-0.4	-0.9	4.1	-0.1	0
6/13/2020 8:12 AM	-0.3	-0.9	4.2	-0.1	0
6/13/2020 8:18 AM	-0.3	-0.9	4.1	-0.1	0
6/13/2020 8:24 AM	-0.3	-0.9	4	-0.1	0
6/13/2020 8:30 AM	-0.3	-0.9	3.7	-0.1	7.3
6/13/2020 8:36 AM	-0.3	-0.9	3.3	-0.1	9.4
6/13/2020 8:42 AM	-0.3	-0.9	3.1	-0.1	2.1
6/13/2020 8:48 AM	-0.3	-0.9	3.1	-0.1	0.9
6/13/2020 8:54 AM	-0.3	-0.9	3	-0.1	0.5
6/13/2020 9:00 AM	-0.3	-0.8	3	-0.1	0.4
6/13/2020 9:06 AM	-0.3	-0.8	2.9	-0.1	0.3
6/13/2020 9:12 AM	-0.2	-0.8	2.9	-0.1	0.2
6/13/2020 9:18 AM	-0.2	-0.8	2.9	-0.1	0.2
6/13/2020 9:24 AM	-0.2	-0.8	2.8	-0.1	0.1
6/13/2020 9:30 AM	-0.2	-0.7	3	0	0.1
6/13/2020 9:36 AM	-0.2	-0.7	3.5	0	0.1
6/13/2020 9:42 AM	-0.2	-0.7	3.9	0	0
6/13/2020 9:48 AM	-0.2	-0.7	4.1	0	0
6/13/2020 9:54 AM	-0.2	-0.7	4.1	0	0
6/13/2020 10:00 AM	-0.2	-0.7	4	0	0
6/13/2020 10:06 AM	-0.2	-0.6	4	0	0
6/13/2020 10:12 AM	-0.2	-0.6	4	0	0
6/13/2020 10:18 AM	-0.2	-0.6	4	0	0
6/13/2020 10:24 AM	-0.2	-0.6	3.9	0	0
6/13/2020 10:30 AM	-0.2	-0.6	4.2	0	0
6/13/2020 10:36 AM	-0.2	-0.6	4.4	0	0
6/13/2020 10:42 AM	-0.2	-0.6	4.3	0	0
6/13/2020 10:48 AM	-0.2	-0.6	4.6	0	0
6/13/2020 10:54 AM	-0.2	-0.6	4.7	0	0
6/13/2020 11:00 AM	-0.3	-0.5	4.7	0	0
6/13/2020 11:06 AM	-0.3	-0.5	4.9	0	0
6/13/2020 11:12 AM	-0.3	-0.5	5	0	0
6/13/2020 11:18 AM	-0.3	-0.5	5.2	0	0
6/13/2020 11:24 AM	-0.2	-0.5	5.4	0	0
6/13/2020 11:30 AM	-0.2	-0.5	5.5	0	0
6/13/2020 11:36 AM	-0.2	-0.5	5.6	0	0
6/13/2020 11:42 AM	-0.2	-0.5	5.7	0	0
6/13/2020 11:48 AM	-0.2	-0.6	5.8	0	0
6/13/2020 11:54 AM	-0.2	-0.6	5.9	0	0
6/13/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/13/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/13/2020 12:12 PM	0	-0.6	6	0	0.1
6/13/2020 12:18 PM	0	-0.6	6	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
Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/13/2020 12:24 PM	0	-0.5	6	0	0.1
6/13/2020 12:30 PM	0	-0.4	5.8	0	0.1
6/13/2020 12:36 PM	0	-0.3	5.6	0	0.1
6/13/2020 12:42 PM	0	-0.3	5.7	0	0.1
6/13/2020 12:48 PM	0	-0.4	5.9	0	0.1
6/13/2020 12:54 PM	0	-0.4	6	0	0.1
6/13/2020 1:00 PM	0	-0.5	6	0	0.1
6/13/2020 1:06 PM	0	-0.5	5.9	0	0
6/13/2020 1:12 PM	0	-0.5	6	0	0.1
6/13/2020 1:18 PM	0	-0.5	6	0	0.1
6/13/2020 1:24 PM	0	-0.4	5.8	0	0.1
6/13/2020 1:30 PM	0	-0.4	5.7	0	0.1
6/13/2020 1:36 PM	0	-0.3	5.8	0	0.1
6/13/2020 1:42 PM	0	-0.3	5.8	0	0.1
6/13/2020 1:48 PM	0	-0.3	5.8	0	0.1
6/13/2020 1:54 PM	0	-0.4	5.8	0	0.1
6/13/2020 2:00 PM	0	-0.4	5.7	0	0.1
6/13/2020 2:06 PM	0	-0.3	5.5	0	0.1
6/13/2020 2:12 PM	0	-0.2	5.4	0	0.1
6/13/2020 2:18 PM	0	-0.1	5.3	0	0.1
6/13/2020 2:24 PM	0	0.1	5.2	0	0.1
6/13/2020 2:30 PM	0	0.2	5.2	0	0
6/13/2020 2:36 PM	0	0.4	5.1	0	0
6/13/2020 2:42 PM	0	0.5	4.9	0	0
6/13/2020 2:48 PM	0	0.6	4.8	0	0
6/13/2020 2:54 PM	0	0.6	4.9	0	0
6/13/2020 3:00 PM	0	0.6	5	0	0
6/13/2020 3:06 PM	0	0.5	5	0	0
6/13/2020 3:12 PM	0	0.4	4.9	0	0
6/13/2020 3:18 PM	0	0.3	4.9	0	0
6/13/2020 3:24 PM	0	0.2	4.9	0	0
6/13/2020 3:30 PM	0	0.1	5	0	0
6/13/2020 3:36 PM	0	0.1	5.1	0	0
6/13/2020 3:42 PM	0	0.1	5.2	0	0
6/13/2020 3:48 PM	0	0	5.2	0	0
6/13/2020 3:54 PM	0	0	5.2	0	0
6/13/2020 4:00 PM	0	0	5.1	0	0
6/13/2020 4:06 PM	0	0	5.1	0	0
6/13/2020 4:12 PM	0	0.1	5.1	0	0
6/13/2020 4:18 PM	0	0.1	5.1	0	0
6/13/2020 4:24 PM	0	0.2	5	0	0
6/13/2020 4:30 PM	0	0.2	5	0	0
6/13/2020 4:36 PM	0	0.2	5.1	0	0
6/13/2020 4:42 PM	0	0.2	5.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/13/2020 4:48 PM	0	0.2	5.1	0	0
6/13/2020 4:54 PM	0	0.1	5.1	0	0
6/13/2020 5:00 PM	0	0.1	5.1	0	0
6/13/2020 5:06 PM	0	0.1	5	0	0
6/13/2020 5:12 PM	0	0.1	4.9	0	0
6/13/2020 5:18 PM	0	0.2	4.8	0	0
6/13/2020 5:24 PM	0	0.2	4.7	0	0
6/13/2020 5:30 PM	0	0.3	4.8	0	0
6/13/2020 5:36 PM	0	0.4	4.8	0	0
6/13/2020 5:42 PM	0	0.5	4.7	0	0
6/13/2020 5:48 PM	0	0.6	4.8	0	0
6/13/2020 5:54 PM	0	0.6	5	0	0
6/13/2020 6:00 PM	0	0.5	5.2	0	0
6/13/2020 6:06 PM	-0.1	0.4	5.3	0	0
6/13/2020 6:12 PM	-0.1	0.4	5.1	0	0
6/13/2020 6:18 PM	-0.1	0.4	5	0	0
6/13/2020 6:24 PM	-0.1	0.4	4.9	0	0
6/13/2020 6:30 PM	-0.1	0.4	5	0	0
6/13/2020 6:36 PM	-0.1	0.4	5	0	0
6/13/2020 6:42 PM	-0.1	0.5	4.9	0	0
6/13/2020 6:48 PM	-0.1	0.5	5	0	0
6/13/2020 6:54 PM	-0.1	0.5	5.2	0	0
6/13/2020 7:00 PM	-0.1	0.6	5.2	0	0
6/13/2020 7:06 PM	-0.1	0.6	5.2	0	0
6/13/2020 7:12 PM	-0.1	0.6	5.2	0	0
6/13/2020 7:18 PM	-0.1	0.5	5.1	0	0
6/13/2020 7:24 PM	-0.1	0.5	5.2	0	0
6/13/2020 7:30 PM	-0.1	0.5	5.2	0	0
6/13/2020 7:36 PM	-0.1	0.5	5.4	0	0
6/13/2020 7:42 PM	-0.1	0.5	5.3	0	0
6/13/2020 7:48 PM	-0.1	0.5	5.2	0	0
6/13/2020 7:54 PM	-0.1	0.5	5.3	0	0
6/13/2020 8:00 PM	-0.1	0.5	5.3	0	0
6/13/2020 8:06 PM	-0.1	0.6	5.3	0	0
6/13/2020 8:12 PM	-0.1	0.6	5.3	0	0
6/13/2020 8:18 PM	-0.1	0.6	5	0	0
6/13/2020 8:24 PM	-0.2	0.6	4.7	0	0
6/13/2020 8:30 PM	-0.2	0.5	4.6	0	0
6/13/2020 8:36 PM	-0.2	0.6	4.6	0	0
6/13/2020 8:42 PM	-0.2	0.6	4.7	0	0
6/13/2020 8:48 PM	-0.2	0.6	4.6	0	0
6/13/2020 8:54 PM	-0.2	0.6	4.5	0	0
6/13/2020 9:00 PM	-0.2	0.7	4.1	0	0
6/13/2020 9:06 PM	-0.2	0.7	3.6	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/13/2020 9:12 PM	-0.2	0.7	3.2	0	0
6/13/2020 9:18 PM	-0.2	0.7	2.6	0	0
6/13/2020 9:24 PM	-0.3	0.7	2.3	0	0
6/13/2020 9:30 PM	-0.3	0.6	2.2	0	0
6/13/2020 9:36 PM	-0.3	0.7	2.1	0	0
6/13/2020 9:42 PM	-0.3	0.7	2	0	0
6/13/2020 9:48 PM	-0.3	0.7	2	0	0
6/13/2020 9:54 PM	-0.3	0.8	2	0	0
6/13/2020 10:00 PM	-0.3	0.8	2	0	0
6/13/2020 10:06 PM	-0.3	0.8	2	0	0
6/13/2020 10:12 PM	-0.3	0.8	2	0	0
6/13/2020 10:18 PM	-0.3	0.8	1.9	0	0
6/13/2020 10:24 PM	-0.3	0.8	1.9	0	0
6/13/2020 10:30 PM	-0.3	0.8	1.9	0	0
6/13/2020 10:36 PM	-0.3	0.7	2	0	0
6/13/2020 10:42 PM	-0.3	0.7	2.1	0	0
6/13/2020 10:48 PM	-0.3	0.7	2.2	0	0
6/13/2020 10:54 PM	-0.3	0.6	2.4	0	0
6/13/2020 11:00 PM	-0.3	0.6	2.6	0	0
6/13/2020 11:06 PM	-0.3	0.6	2.8	0	0
6/13/2020 11:12 PM	-0.3	0.6	3.1	0	0
6/13/2020 11:18 PM	-0.3	0.5	3.3	0	0
6/13/2020 11:24 PM	-0.3	0.6	3.5	0	0
6/13/2020 11:30 PM	-0.3	0.6	3.6	0	0
6/13/2020 11:36 PM	-0.3	0.6	3.8	0	0
6/13/2020 11:42 PM	-0.3	0.6	3.9	0	0
6/13/2020 11:48 PM	-0.3	0.6	4	0	0
6/13/2020 11:54 PM	-0.3	0.6	3.9	0	0
6/14/2020 12:00 AM	-0.3	0.6	3.9	0	0
6/14/2020 12:06 AM	-0.3	0.6	3.9	0	0
6/14/2020 12:12 AM	-0.3	0.6	4.1	0	0
6/14/2020 12:18 AM	-0.3	0.6	4.3	0	0
6/14/2020 12:24 AM	-0.3	0.6	4.3	0	0
6/14/2020 12:30 AM	-0.3	0.7	4.3	0	0
6/14/2020 12:36 AM	-0.3	0.7	4.2	0	0
6/14/2020 12:42 AM	-0.3	0.8	4.2	0	0
6/14/2020 12:48 AM	-0.3	0.8	4.2	0	0
6/14/2020 12:54 AM	-0.3	0.8	4.2	0	0
6/14/2020 1:00 AM	-0.4	0.8	4.2	0	0
6/14/2020 1:06 AM	-0.4	0.9	4.3	0	0
6/14/2020 1:12 AM	-0.4	0.9	4.4	0	0
6/14/2020 1:18 AM	-0.4	0.9	4.4	0	0
6/14/2020 1:24 AM	-0.4	0.9	4.3	0	0
6/14/2020 1:30 AM	-0.4	0.9	4.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 1:36 AM	-0.4	1	4.4	0	0
6/14/2020 1:42 AM	-0.4	1	4.4	0	0
6/14/2020 1:48 AM	-0.4	1	4.4	0	0
6/14/2020 1:54 AM	-0.4	1	4.5	0	0
6/14/2020 2:00 AM	-0.4	1	4.4	0	0
6/14/2020 2:06 AM	-0.4	1	4.2	0	0
6/14/2020 2:12 AM	-0.4	1	3.7	0	0
6/14/2020 2:18 AM	-0.4	1	3.5	0	0
6/14/2020 2:24 AM	-0.4	1	3.3	0	0
6/14/2020 2:30 AM	-0.4	1	3.1	0	0
6/14/2020 2:36 AM	-0.4	1	2.6	0	0
6/14/2020 2:42 AM	-0.4	1	2.3	0	0
6/14/2020 2:48 AM	-0.4	1	2.1	0	0
6/14/2020 2:54 AM	-0.4	1	2	0	0
6/14/2020 3:00 AM	-0.4	1	1.9	0	0
6/14/2020 3:06 AM	-0.4	1.1	1.9	0	0
6/14/2020 3:12 AM	-0.4	1.1	1.9	0	0
6/14/2020 3:18 AM	-0.4	1	1.9	0	0
6/14/2020 3:24 AM	-0.5	1.1	1.9	0	0
6/14/2020 3:30 AM	-0.5	1.1	1.9	0	0
6/14/2020 3:36 AM	-0.5	1	1.9	0	0
6/14/2020 3:42 AM	-0.5	1.1	1.9	0	0
6/14/2020 3:48 AM	-0.5	1.1	1.8	0	0
6/14/2020 3:54 AM	-0.5	1.1	1.8	0	0
6/14/2020 4:00 AM	-0.5	1.1	1.8	0	0
6/14/2020 4:06 AM	-0.5	1.1	1.7	0	0
6/14/2020 4:12 AM	-0.5	1.1	1.7	0	0
6/14/2020 4:18 AM	-0.5	1.1	1.8	0	0
6/14/2020 4:24 AM	-0.5	1.1	1.8	0	0
6/14/2020 4:30 AM	-0.5	1.1	1.9	0	0
6/14/2020 4:36 AM	-0.5	1.2	1.8	0	0
6/14/2020 4:42 AM	-0.5	1.2	1.8	0	0
6/14/2020 4:48 AM	-0.5	1.4	1.7	0	0
6/14/2020 4:54 AM	-0.5	1.7	1.6	0	0
6/14/2020 5:00 AM	-0.5	2	1.6	0	0
6/14/2020 5:06 AM	-0.5	2.3	1.6	0	0
6/14/2020 5:12 AM	-0.5	2.4	1.6	0	0
6/14/2020 5:18 AM	-0.5	2.5	1.5	0	0
6/14/2020 5:24 AM	-0.5	2.6	1.5	0	0
6/14/2020 5:30 AM	-0.5	2.7	1.5	0	0
6/14/2020 5:36 AM	-0.5	2.7	1.5	0	0
6/14/2020 5:42 AM	-0.5	2.7	1.5	0	0
6/14/2020 5:48 AM	-0.5	2.7	1.5	0	0
6/14/2020 5:54 AM	-0.5	2.7	1.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 6:00 AM	-0.5	2.7	1.5	0	0
6/14/2020 6:06 AM	-0.5	2.6	1.5	0	0
6/14/2020 6:12 AM	-0.5	2.6	1.5	0	0
6/14/2020 6:18 AM	-0.5	2.5	1.7	0	0
6/14/2020 6:24 AM	-0.5	2.5	1.8	0	6.3
6/14/2020 6:30 AM	-0.4	2.4	1.9	0	8.1
6/14/2020 6:36 AM	-0.4	2.3	2	0	1.3
6/14/2020 6:42 AM	-0.4	2.1	2	-0.1	0.5
6/14/2020 6:48 AM	-0.4	2	2.1	-0.1	0.4
6/14/2020 6:54 AM	-0.4	1.8	2.1	-0.1	0.3
6/14/2020 7:00 AM	-0.4	1.6	2.1	-0.1	0.2
6/14/2020 7:06 AM	-0.4	1.5	2.2	-0.1	0.1
6/14/2020 7:12 AM	-0.4	1.4	2.3	0	0.1
6/14/2020 7:18 AM	-0.4	1.3	2.3	0	0.1
6/14/2020 7:24 AM	-0.4	1.2	2.3	-0.1	0
6/14/2020 7:30 AM	-0.4	1.1	2.3	-0.1	0
6/14/2020 7:36 AM	-0.4	1	2.3	-0.1	0
6/14/2020 7:42 AM	-0.4	1	2.3	-0.1	0
6/14/2020 7:48 AM	-0.4	0.9	2.4	-0.1	0
6/14/2020 7:54 AM	-0.4	0.8	2.4	-0.1	0
6/14/2020 8:00 AM	-0.3	0.8	2.4	-0.1	0
6/14/2020 8:06 AM	-0.3	0.7	2.4	-0.1	0
6/14/2020 8:12 AM	-0.3	0.6	2.4	-0.1	0
6/14/2020 8:18 AM	-0.3	0.5	2.5	-0.1	0
6/14/2020 8:24 AM	-0.3	0.5	2.5	-0.1	0
6/14/2020 8:30 AM	-0.3	0.5	2.5	-0.1	0
6/14/2020 8:36 AM	-0.3	0.6	2.5	-0.1	0
6/14/2020 8:42 AM	-0.3	0.6	2.8	-0.1	0
6/14/2020 8:48 AM	-0.2	0.7	3.3	-0.1	0
6/14/2020 8:54 AM	-0.2	0.7	3.8	-0.1	0
6/14/2020 9:00 AM	-0.2	0.6	3.9	-0.1	0
6/14/2020 9:06 AM	-0.2	0.6	4	-0.1	0
6/14/2020 9:12 AM	-0.2	0.5	4.1	-0.1	0
6/14/2020 9:18 AM	-0.1	0.4	4.1	-0.1	0
6/14/2020 9:24 AM	-0.1	0.3	4.1	-0.1	0
6/14/2020 9:30 AM	-0.1	0.3	4.2	-0.1	0
6/14/2020 9:36 AM	-0.1	0.2	4.2	-0.1	0
6/14/2020 9:42 AM	-0.1	0	4.2	-0.1	0
6/14/2020 9:48 AM	-0.1	0	4.2	0	0
6/14/2020 9:54 AM	-0.1	0	4.2	0	0
6/14/2020 10:00 AM	-0.1	0	4.2	0	0
6/14/2020 10:06 AM	0	0	4.2	0	0
6/14/2020 10:12 AM	0	0	4.1	0	0
6/14/2020 10:18 AM	0	0	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 10:24 AM	-0.1	0	4.1	0	0
6/14/2020 10:30 AM	-0.1	-0.1	4	0	0
6/14/2020 10:36 AM	-0.1	-0.1	4.2	0	0
6/14/2020 10:42 AM	-0.1	-0.2	4.3	0	0
6/14/2020 10:48 AM	-0.1	-0.2	4.2	0	0
6/14/2020 10:54 AM	-0.1	-0.2	4.2	0	0
6/14/2020 11:00 AM	-0.1	-0.1	4.2	0	0
6/14/2020 11:06 AM	-0.1	-0.1	4.3	0	0
6/14/2020 11:12 AM	-0.1	-0.1	4.4	0	0
6/14/2020 11:18 AM	-0.1	-0.1	4.5	0	0
6/14/2020 11:24 AM	-0.1	-0.1	4.6	0	0
6/14/2020 11:30 AM	-0.1	0	4.6	0	0
6/14/2020 11:36 AM	-0.1	0	4.6	0	0
6/14/2020 11:42 AM	-0.1	-0.1	4.8	0	0
6/14/2020 11:48 AM	-0.1	-0.1	5.2	0	0
6/14/2020 11:54 AM	0	-0.1	5.2	0	0
6/14/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/14/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/14/2020 12:12 PM	-0.1	-0.1	5.2	0	0
6/14/2020 12:18 PM	0	0	5.2	0	0
6/14/2020 12:24 PM	0	0	5.2	0	0
6/14/2020 12:30 PM	0	0.2	5.2	0	0
6/14/2020 12:36 PM	0	0.2	5.2	0	0.1
6/14/2020 12:42 PM	0	0.2	5.3	0	0.1
6/14/2020 12:48 PM	0	0.2	5.4	0	0.1
6/14/2020 12:54 PM	0	0.1	5.5	0	0.1
6/14/2020 1:00 PM	0	0	5.6	0	0
6/14/2020 1:06 PM	-0.1	0	5.8	0	0
6/14/2020 1:12 PM	-0.1	0	5.8	0	0
6/14/2020 1:18 PM	-0.1	0	5.8	0	0
6/14/2020 1:24 PM	-0.1	0.1	5.7	0	0
6/14/2020 1:30 PM	0	0.1	5.6	0	0
6/14/2020 1:36 PM	0	0.1	5.6	0	0
6/14/2020 1:42 PM	0	0.1	5.7	0	0
6/14/2020 1:48 PM	0	0.1	5.7	0	0
6/14/2020 1:54 PM	0	0	5.8	0	0
6/14/2020 2:00 PM	0	0	5.9	0	0
6/14/2020 2:06 PM	0	0	5.8	0	0
6/14/2020 2:12 PM	0	0	5.7	0	0
6/14/2020 2:18 PM	0	0.1	5.6	0	0
6/14/2020 2:24 PM	0	0.3	5.5	0	0
6/14/2020 2:30 PM	0	0.5	5.4	0	0
6/14/2020 2:36 PM	0	0.7	5.3	0	0
6/14/2020 2:42 PM	0	0.9	5.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 2:48 PM	0	1	5.3	0	0
6/14/2020 2:54 PM	0	1	5.3	0	0
6/14/2020 3:00 PM	0	1	5.2	0	0
6/14/2020 3:06 PM	0	0.9	5.3	0	0
6/14/2020 3:12 PM	0	0.8	5.3	0	0
6/14/2020 3:18 PM	0	0.6	4.9	0	0
6/14/2020 3:24 PM	0	0.5	4.6	0	0
6/14/2020 3:30 PM	0	0.5	4.4	0	0
6/14/2020 3:36 PM	0	0.5	4.3	0	0
6/14/2020 3:42 PM	0	0.5	4.1	0	0
6/14/2020 3:48 PM	-0.1	0.5	4	0	0
6/14/2020 3:54 PM	-0.1	0.5	3.9	0	0
6/14/2020 4:00 PM	-0.1	0.5	3.8	0	0
6/14/2020 4:06 PM	-0.1	0.5	3.6	0	0
6/14/2020 4:12 PM	-0.1	0.6	3.5	0	0
6/14/2020 4:18 PM	-0.1	0.6	3.4	0	0
6/14/2020 4:24 PM	-0.1	0.6	3.2	0	0
6/14/2020 4:30 PM	-0.1	0.6	3.1	0	0
6/14/2020 4:36 PM	-0.1	0.7	3.1	0	0
6/14/2020 4:42 PM	-0.1	0.7	3	0	0
6/14/2020 4:48 PM	-0.1	0.7	3	0	0
6/14/2020 4:54 PM	-0.1	0.6	3	0	0
6/14/2020 5:00 PM	-0.2	0.5	3.1	0	0
6/14/2020 5:06 PM	-0.2	0.5	3.1	0	0
6/14/2020 5:12 PM	-0.2	0.5	3.1	0	0
6/14/2020 5:18 PM	-0.2	0.5	3.1	0	0
6/14/2020 5:24 PM	-0.2	0.5	3	0	0
6/14/2020 5:30 PM	-0.2	0.6	2.9	0	0
6/14/2020 5:36 PM	-0.2	0.6	2.9	0	0
6/14/2020 5:42 PM	-0.2	0.7	2.9	0	0
6/14/2020 5:48 PM	-0.2	0.8	3	0	0
6/14/2020 5:54 PM	-0.2	0.9	3.1	0	0
6/14/2020 6:00 PM	-0.2	1	3.4	0	0
6/14/2020 6:06 PM	-0.2	1.2	3.6	0	0
6/14/2020 6:12 PM	-0.2	1.3	3.8	0	0
6/14/2020 6:18 PM	-0.2	1.5	3.8	0	0
6/14/2020 6:24 PM	-0.2	1.8	3.6	0	0
6/14/2020 6:30 PM	-0.2	2	3.4	0	0
6/14/2020 6:36 PM	-0.2	2.3	3.2	0	0
6/14/2020 6:42 PM	-0.2	2.6	3.1	0	0
6/14/2020 6:48 PM	-0.2	2.8	2.9	0	0
6/14/2020 6:54 PM	-0.2	2.8	2.9	0	0
6/14/2020 7:00 PM	-0.2	2.8	3	0	0
6/14/2020 7:06 PM	-0.2	2.8	2.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 7:12 PM	-0.2	2.8	2.9	0	0
6/14/2020 7:18 PM	-0.2	2.8	3	0	0
6/14/2020 7:24 PM	-0.2	2.7	3	0	0
6/14/2020 7:30 PM	-0.2	2.7	3	0	0
6/14/2020 7:36 PM	-0.2	2.6	3	0	0
6/14/2020 7:42 PM	-0.2	2.5	3	0	0
6/14/2020 7:48 PM	-0.2	2.5	2.9	0	0
6/14/2020 7:54 PM	-0.2	2.5	3	0	0
6/14/2020 8:00 PM	-0.2	2.4	3	0	0
6/14/2020 8:06 PM	-0.2	2.4	3	0	0
6/14/2020 8:12 PM	-0.3	2.4	3	0	0
6/14/2020 8:18 PM	-0.3	2.4	3.1	0	0
6/14/2020 8:24 PM	-0.3	2.4	3.1	0	0
6/14/2020 8:30 PM	-0.3	2.4	3.1	0	0
6/14/2020 8:36 PM	-0.3	2.4	3.2	0	0
6/14/2020 8:42 PM	-0.3	2.3	3.3	0	0
6/14/2020 8:48 PM	-0.3	2.3	3.3	0	0
6/14/2020 8:54 PM	-0.3	2.3	3.3	0	0
6/14/2020 9:00 PM	-0.3	2.3	3.4	0	0
6/14/2020 9:06 PM	-0.3	2.3	3.5	0	0
6/14/2020 9:12 PM	-0.3	2.3	3.6	0	0
6/14/2020 9:18 PM	-0.3	2.4	3.6	0	0
6/14/2020 9:24 PM	-0.3	2.4	3.6	0	0
6/14/2020 9:30 PM	-0.3	2.4	3.6	0	0
6/14/2020 9:36 PM	-0.3	2.4	3.5	0	0
6/14/2020 9:42 PM	-0.3	2.4	3.6	0	0
6/14/2020 9:48 PM	-0.3	2.4	3.6	0	0
6/14/2020 9:54 PM	-0.3	2.4	3.6	0	0
6/14/2020 10:00 PM	-0.3	2.4	3.7	0	0
6/14/2020 10:06 PM	-0.3	2.4	3.7	0	0
6/14/2020 10:12 PM	-0.3	2.4	3.6	0	0
6/14/2020 10:18 PM	-0.3	2.4	3.7	0	0
6/14/2020 10:24 PM	-0.3	2.3	3.7	0	0
6/14/2020 10:30 PM	-0.3	2.3	3.7	0	0
6/14/2020 10:36 PM	-0.3	2.3	3.8	0	0
6/14/2020 10:42 PM	-0.3	2.3	3.9	0	0
6/14/2020 10:48 PM	-0.3	2.3	3.9	0	0
6/14/2020 10:54 PM	-0.3	2.3	4	0	0
6/14/2020 11:00 PM	-0.3	2.3	4	0	0
6/14/2020 11:06 PM	-0.3	2.3	3.9	0	0
6/14/2020 11:12 PM	-0.3	2.3	3.9	0	0
6/14/2020 11:18 PM	-0.3	2.3	3.8	0	0
6/14/2020 11:24 PM	-0.3	2.3	3.8	0	0
6/14/2020 11:30 PM	-0.3	2.3	3.7	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/14/2020 11:36 PM	-0.3	2.3	3.6	0	0
6/14/2020 11:42 PM	-0.3	2.3	3.7	0	0
6/14/2020 11:48 PM	-0.3	2.3	3.8	0	0
6/14/2020 11:54 PM	-0.3	2.3	3.8	0	0
6/15/2020 12:00 AM	-0.3	2.3	3.8	0	0
6/15/2020 12:06 AM	-0.3	2.3	3.9	0	0
6/15/2020 12:12 AM	-0.3	2.3	3.9	0	0
6/15/2020 12:18 AM	-0.3	2.4	3.8	0	0
6/15/2020 12:24 AM	-0.2	2.4	3.8	0	0
6/15/2020 12:30 AM	-0.2	2.4	3.8	0	0
6/15/2020 12:36 AM	-0.2	2.4	3.8	0	0
6/15/2020 12:42 AM	-0.2	2.4	3.8	0	0
6/15/2020 12:48 AM	-0.2	2.4	3.8	0	0
6/15/2020 12:54 AM	-0.2	2.4	3.8	0	0
6/15/2020 1:00 AM	-0.2	2.4	3.8	0	0
6/15/2020 1:06 AM	-0.2	2.4	3.7	0	0
6/15/2020 1:12 AM	-0.3	2.4	3.8	0	0
6/15/2020 1:18 AM	-0.3	2.4	3.9	0	0
6/15/2020 1:24 AM	-0.3	2.4	4	0	0
6/15/2020 1:30 AM	-0.3	2.4	3.7	0	0
6/15/2020 1:36 AM	-0.3	2.4	3.1	0	0
6/15/2020 1:42 AM	-0.3	2.4	2.7	0	0
6/15/2020 1:48 AM	-0.3	2.4	2.6	0	0
6/15/2020 1:54 AM	-0.3	2.4	2.5	0	0
6/15/2020 2:00 AM	-0.3	2.4	2.4	0	0
6/15/2020 2:06 AM	-0.3	2.4	2.3	0	0
6/15/2020 2:12 AM	-0.3	2.4	2.2	0	0
6/15/2020 2:18 AM	-0.3	2.4	2.1	0	0
6/15/2020 2:24 AM	-0.3	2.4	2.1	0	0
6/15/2020 2:30 AM	-0.3	2.4	2	0	0
6/15/2020 2:36 AM	-0.3	2.4	2	0	0
6/15/2020 2:42 AM	-0.3	2.4	2	0	0
6/15/2020 2:48 AM	-0.3	2.4	2	0	0
6/15/2020 2:54 AM	-0.3	2.4	2	0	0
6/15/2020 3:00 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:06 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:12 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:18 AM	-0.3	2.4	1.8	0	0
6/15/2020 3:24 AM	-0.3	2.4	1.8	0	0
6/15/2020 3:30 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:36 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:42 AM	-0.3	2.4	1.9	0	0
6/15/2020 3:48 AM	-0.3	2.5	1.9	0	0
6/15/2020 3:54 AM	-0.3	2.5	1.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/15/2020 4:00 AM	-0.3	2.5	1.9	0	0
6/15/2020 4:06 AM	-0.3	2.5	2.5	0	0
6/15/2020 4:12 AM	-0.3	2.5	3.3	0	0
6/15/2020 4:18 AM	-0.3	2.5	3.3	0	0
6/15/2020 4:24 AM	-0.3	2.5	3.1	0	0
6/15/2020 4:30 AM	-0.3	2.5	3	0	0
6/15/2020 4:36 AM	-0.3	2.6	2.9	0	0
6/15/2020 4:42 AM	-0.3	2.6	2.9	0	0
6/15/2020 4:48 AM	-0.3	2.8	2.9	0	0
6/15/2020 4:54 AM	-0.3	3	2.7	0	0
6/15/2020 5:00 AM	-0.3	3.1	2.7	0	0
6/15/2020 5:06 AM	-0.3	3.2	2.7	0	0
6/15/2020 5:12 AM	-0.3	3.3	2.6	0	0
6/15/2020 5:18 AM	-0.3	3.4	2.4	0	0
6/15/2020 5:24 AM	-0.3	3.4	2.3	0	0
6/15/2020 5:30 AM	-0.3	3.5	2.3	0	0
6/15/2020 5:36 AM	-0.3	3.5	2.2	0	0
6/15/2020 5:42 AM	-0.3	3.5	2.2	0	0
6/15/2020 5:48 AM	-0.3	3.6	2.3	0	0
6/15/2020 5:54 AM	-0.3	3.6	2.2	0	0
6/15/2020 6:00 AM	-0.3	3.5	2.1	0	0
6/15/2020 6:06 AM	-0.3	3.4	2.1	0	0
6/15/2020 6:12 AM	-0.3	3.4	2.9	0	0
6/15/2020 6:18 AM	-0.3	3.3	2.9	0	0
6/15/2020 6:24 AM	-0.3	3.2	2.6	0	0
6/15/2020 6:30 AM	-0.3	3.1	2.7	0	0
6/15/2020 6:36 AM	-0.3	3	2.7	0	0
6/15/2020 6:42 AM	-0.3	2.9	2.8	-0.1	0
6/15/2020 6:48 AM	-0.3	2.7	3	-0.1	0
6/15/2020 6:54 AM	-0.3	2.6	3	-0.1	0
6/15/2020 7:00 AM	-0.3	2.5	3	-0.1	0
6/15/2020 7:06 AM	-0.3	2.4	3.1	-0.1	0
6/15/2020 7:12 AM	-0.3	2.4	3.2	-0.1	0
6/15/2020 7:18 AM	-0.3	2.2	3.3	-0.1	0
6/15/2020 7:24 AM	-0.3	2.1	3.3	-0.1	0
6/15/2020 7:30 AM	-0.3	2	3.4	-0.1	0
6/15/2020 7:36 AM	-0.3	1.8	3.4	-0.1	0
6/15/2020 7:42 AM	-0.2	1.8	3.4	-0.1	0
6/15/2020 7:48 AM	-0.2	1.6	3.4	-0.1	0
6/15/2020 7:54 AM	-0.2	1.4	3.5	-0.1	0
6/15/2020 8:00 AM	-0.2	1.1	3.6	-0.1	0
6/15/2020 8:06 AM	-0.2	0.9	3.6	-0.1	0
6/15/2020 8:12 AM	-0.2	0.7	3.7	-0.1	0
6/15/2020 8:18 AM	-0.2	0.6	3.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/15/2020 8:24 AM	-0.2	0.5	3.9	0	0
6/15/2020 8:30 AM	-0.2	0.5	4.1	0	0
6/15/2020 8:36 AM	-0.2	0.5	4.2	0	0
6/15/2020 8:42 AM	-0.2	0.4	4.2	-0.1	0
6/15/2020 8:48 AM	-0.2	0.4	4.2	-0.1	0
6/15/2020 8:54 AM	-0.2	0.4	4.3	-0.1	0
6/15/2020 9:00 AM	-0.2	0.3	4.5	-0.1	0
6/15/2020 9:06 AM	-0.2	0.2	4.6	-0.1	0
6/15/2020 9:12 AM	-0.2	0.2	4.6	0	0
6/15/2020 9:18 AM	-0.2	0.2	4.6	0	0
6/15/2020 9:24 AM	-0.1	0.2	4.5	0	0
6/15/2020 9:30 AM	-0.1	0.1	4.5	0	0
6/15/2020 9:36 AM	-0.1	0.2	4.5	0	0
6/15/2020 9:42 AM	-0.1	0.2	4.5	0	0
6/15/2020 9:48 AM	-0.1	0.2	4.5	0	0
6/15/2020 9:54 AM	-0.1	0.2	4.6	0	0
6/15/2020 10:00 AM	-0.1	0.2	4.6	0	0
6/15/2020 10:06 AM	-0.1	0.2	4.6	0	0
6/15/2020 10:12 AM	-0.1	0.2	4.6	0	0
6/15/2020 10:18 AM	-0.1	0.2	4.7	0	0
6/15/2020 10:24 AM	-0.1	0.2	4.8	0	0
6/15/2020 10:30 AM	-0.1	0.2	4.8	0	0
6/15/2020 10:36 AM	-0.1	0.2	4.9	0	0
6/15/2020 10:42 AM	-0.1	0.2	4.9	0	0
6/15/2020 10:48 AM	-0.1	0.2	4.9	0	0
6/15/2020 10:54 AM	-0.1	0.2	4.9	2.4	0
6/15/2020 11:00 AM	-0.1	0.2	4.7	18.5	0
6/15/2020 11:06 AM	-0.1	0.2	3.9	18.9	0
6/15/2020 11:12 AM	-0.1	0.2	2.9	12.5	0
6/15/2020 11:18 AM	-0.1	0.2	2.6	9.5	0
6/15/2020 11:24 AM	-0.1	0.2	2.4	9.5	0
6/15/2020 11:30 AM	0	0.2	2.3	7.5	0
6/15/2020 11:36 AM	0	0.3	2.2	5.5	0.1
6/15/2020 11:42 AM	0	0.3	2.2	5.1	0.1
6/15/2020 11:48 AM	0	0.3	2.1	4.8	0.1
6/15/2020 11:54 AM	0	0.3	2.1	4.8	0
6/15/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/15/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/15/2020 12:12 PM	-0.2	0.3	1.9	5.2	0
6/15/2020 12:18 PM	-0.2	0.4	1.9	5	0
6/15/2020 12:24 PM	-0.2	0.4	1.9	4.9	0
6/15/2020 12:30 PM	-0.2	0.5	1.8	4.8	0
6/15/2020 12:36 PM	-0.2	0.5	1.8	4.3	0
6/15/2020 12:42 PM	-0.2	0.5	1.8	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/15/2020 12:48 PM	-0.2	0.5	1.8	3.7	0
6/15/2020 12:54 PM	-0.2	0.5	1.8	3.3	0
6/15/2020 1:00 PM	-0.2	0.5	1.8	3.1	0
6/15/2020 1:06 PM	-0.2	0.4	1.8	2.9	0
6/15/2020 1:12 PM	-0.2	0.3	1.8	2.7	0
6/15/2020 1:18 PM	-0.2	0.4	1.8	2.8	0
6/15/2020 1:24 PM	-0.2	0.4	1.8	2.8	0
6/15/2020 1:30 PM	-0.2	0.4	1.8	2.7	0
6/15/2020 1:36 PM	-0.2	0.4	1.8	2.6	0
6/15/2020 1:42 PM	-0.2	0.4	1.8	2.6	0
6/15/2020 1:48 PM	-0.2	0.4	1.8	2.6	0
6/15/2020 1:54 PM	-0.2	0.4	1.8	2.5	0
6/15/2020 2:00 PM	-0.2	0.4	1.8	2.5	0
6/15/2020 2:06 PM	-0.2	0.3	1.8	2.5	0
6/15/2020 2:12 PM	-0.2	0.4	1.8	2.5	0
6/15/2020 2:18 PM	-0.2	0.4	1.8	2.4	0
6/15/2020 2:24 PM	-0.2	0.5	1.8	2.3	0
6/15/2020 2:30 PM	-0.2	0.6	2.4	0.8	0
6/15/2020 2:36 PM	-0.2	0.7	2.8	-0.4	0
6/15/2020 2:42 PM	-0.2	0.8	2.9	-0.4	0
6/15/2020 2:48 PM	-0.2	0.8	3	-0.3	0
6/15/2020 2:54 PM	-0.2	0.9	3.1	-0.3	0
6/15/2020 3:00 PM	-0.2	0.8	3.2	-0.3	0
6/15/2020 3:06 PM	-0.2	0.8	3.2	-0.3	0
6/15/2020 3:12 PM	-0.2	0.7	3.3	-0.3	0
6/15/2020 3:18 PM	-0.2	0.6	3.4	-0.3	0
6/15/2020 3:24 PM	-0.2	0.6	3.6	-0.3	0
6/15/2020 3:30 PM	-0.2	0.6	3.7	-0.3	0
6/15/2020 3:36 PM	-0.2	0.6	3.8	-0.3	0
6/15/2020 3:42 PM	-0.2	0.6	4	-0.3	0
6/15/2020 3:48 PM	-0.2	0.6	4.1	-0.3	0
6/15/2020 3:54 PM	-0.2	0.6	4.1	-0.3	0
6/15/2020 4:00 PM	-0.2	0.6	4.2	-0.3	0
6/15/2020 4:06 PM	-0.2	0.6	4.3	-0.3	0
6/15/2020 4:12 PM	-0.2	0.6	4.3	-0.3	0
6/15/2020 4:18 PM	-0.2	0.6	4.3	-0.3	0
6/15/2020 4:24 PM	-0.2	0.6	4.3	-0.3	0
6/15/2020 4:30 PM	-0.2	0.6	4.4	-0.3	0
6/15/2020 4:36 PM	-0.2	0.6	4.4	-0.3	0
6/15/2020 4:42 PM	-0.2	0.6	4.4	-0.3	0
6/15/2020 4:48 PM	-0.2	0.6	4.5	-0.3	0
6/15/2020 4:54 PM	-0.2	0.7	4.4	-0.3	0
6/15/2020 5:00 PM	-0.2	0.7	4.3	-0.3	0
6/15/2020 5:06 PM	-0.2	0.7	4.3	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/15/2020 5:12 PM	-0.2	0.8	4.4	-0.3	0
6/15/2020 5:18 PM	-0.2	0.8	4.4	-0.3	0
6/15/2020 5:24 PM	-0.2	0.9	4.3	-0.3	0
6/15/2020 5:30 PM	-0.2	0.9	4.4	-0.3	0
6/15/2020 5:36 PM	-0.2	1	4.4	-0.3	0
6/15/2020 5:42 PM	-0.2	1	4.4	-0.3	0
6/15/2020 5:48 PM	-0.2	1.2	4.2	-0.3	0
6/15/2020 5:54 PM	-0.2	1.4	4.1	-0.3	0
6/15/2020 6:00 PM	-0.2	1.6	4	-0.3	0
6/15/2020 6:06 PM	-0.2	1.8	4	-0.3	0
6/15/2020 6:12 PM	-0.3	1.9	4.1	-0.3	0
6/15/2020 6:18 PM	-0.3	2.1	4	-0.3	0
6/15/2020 6:24 PM	-0.3	2.3	3.8	-0.3	0
6/15/2020 6:30 PM	-0.3	2.5	3.8	-0.3	0
6/15/2020 6:36 PM	-0.3	2.6	3.9	-0.3	0
6/15/2020 6:42 PM	-0.3	2.8	3.9	-0.3	0
6/15/2020 6:48 PM	-0.3	2.9	3.8	-0.3	0
6/15/2020 6:54 PM	-0.3	2.9	3.8	-0.3	0
6/15/2020 7:00 PM	-0.3	2.9	3.9	-0.3	0
6/15/2020 7:06 PM	-0.3	3	4	-0.3	0
6/15/2020 7:12 PM	-0.4	3	4	-0.3	0
6/15/2020 7:18 PM	-0.4	3	4	-0.3	0
6/15/2020 7:24 PM	-0.4	3	4	-0.3	0
6/15/2020 7:30 PM	-0.4	2.9	4	-0.3	0
6/15/2020 7:36 PM	-0.4	2.9	4	-0.3	0
6/15/2020 7:42 PM	-0.4	2.8	4	-0.3	0
6/15/2020 7:48 PM	-0.4	2.8	4.1	-0.3	0
6/15/2020 7:54 PM	-0.4	2.7	4	-0.3	0
6/15/2020 8:00 PM	-0.4	2.7	4.1	-0.3	0
6/15/2020 8:06 PM	-0.4	2.6	4.1	-0.3	0
6/15/2020 8:12 PM	-0.4	2.6	4.1	-0.3	0
6/15/2020 8:18 PM	-0.4	2.6	4.1	-0.3	0
6/15/2020 8:24 PM	-0.4	2.6	4.2	-0.3	0
6/15/2020 8:30 PM	-0.4	2.5	4.4	-0.3	0
6/15/2020 8:36 PM	-0.4	2.5	4.4	-0.3	0
6/15/2020 8:42 PM	-0.4	2.5	4.3	-0.3	0
6/15/2020 8:48 PM	-0.4	2.4	4.3	-0.3	0
6/15/2020 8:54 PM	-0.4	2.4	4.2	-0.3	0
6/15/2020 9:00 PM	-0.4	2.4	4.2	-0.3	0
6/15/2020 9:06 PM	-0.4	2.4	4.2	-0.3	0
6/15/2020 9:12 PM	-0.4	2.4	4.2	-0.3	0
6/15/2020 9:18 PM	-0.4	2.4	4.3	-0.3	0
6/15/2020 9:24 PM	-0.4	2.4	4.3	-0.3	0
6/15/2020 9:30 PM	-0.4	2.3	4.2	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/15/2020 9:36 PM	-0.4	2.3	4.3	-0.3	0
6/15/2020 9:42 PM	-0.4	2.3	4.3	-0.3	0
6/15/2020 9:48 PM	-0.4	2.3	4.3	-0.3	0
6/15/2020 9:54 PM	-0.4	2.3	4.5	-0.3	0
6/15/2020 10:00 PM	-0.4	2.3	4.6	-0.3	0
6/15/2020 10:06 PM	-0.4	2.3	4.7	-0.3	0
6/15/2020 10:12 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:18 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:24 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:30 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:36 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:42 PM	-0.4	2.3	4.7	-0.3	0
6/15/2020 10:48 PM	-0.4	2.3	4.8	-0.3	0
6/15/2020 10:54 PM	-0.4	2.3	4.9	-0.3	0
6/15/2020 11:00 PM	-0.4	2.3	4.9	-0.3	0
6/15/2020 11:06 PM	-0.4	2.4	4.9	-0.3	0
6/15/2020 11:12 PM	-0.4	2.4	5	-0.3	0
6/15/2020 11:18 PM	-0.4	2.4	5.1	-0.3	0
6/15/2020 11:24 PM	-0.4	2.4	5.1	-0.3	0
6/15/2020 11:30 PM	-0.4	2.4	5.2	-0.3	0
6/15/2020 11:36 PM	-0.4	2.4	5.2	-0.3	0
6/15/2020 11:42 PM	-0.4	2.4	5.1	-0.3	0
6/15/2020 11:48 PM	-0.4	2.4	5.2	-0.3	0
6/15/2020 11:54 PM	-0.4	2.4	5.2	-0.3	0
6/16/2020 12:00 AM	-0.4	2.4	5.2	-0.2	0
6/16/2020 12:06 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 12:12 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 12:18 AM	-0.4	2.4	5.3	-0.3	0
6/16/2020 12:24 AM	-0.4	2.4	5.4	-0.2	0
6/16/2020 12:30 AM	-0.4	2.4	5.4	-0.2	0
6/16/2020 12:36 AM	-0.4	2.4	5.3	-0.3	0
6/16/2020 12:42 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 12:48 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 12:54 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 1:00 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 1:06 AM	-0.4	2.4	5.3	-0.2	0
6/16/2020 1:12 AM	-0.4	2.4	5.2	-0.3	0
6/16/2020 1:18 AM	-0.4	2.4	5.1	-0.3	0
6/16/2020 1:24 AM	-0.4	2.4	5.1	-0.3	0
6/16/2020 1:30 AM	-0.4	2.4	5	-0.2	0
6/16/2020 1:36 AM	-0.4	2.4	5	-0.2	0
6/16/2020 1:42 AM	-0.4	2.4	5.1	-0.3	0
6/16/2020 1:48 AM	-0.4	2.4	5.2	-0.2	0
6/16/2020 1:54 AM	-0.4	2.3	5.2	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/16/2020 2:00 AM	-0.4	2.3	5.2	-0.2	0
6/16/2020 2:06 AM	-0.4	2.3	5	-0.2	0
6/16/2020 2:12 AM	-0.4	2.3	4.2	-0.3	0
6/16/2020 2:18 AM	-0.4	2.3	3.4	-0.3	0
6/16/2020 2:24 AM	-0.4	2.3	3.1	-0.2	0
6/16/2020 2:30 AM	-0.4	2.3	2.9	-0.2	0
6/16/2020 2:36 AM	-0.4	2.3	2.8	-0.2	0
6/16/2020 2:42 AM	-0.4	2.3	2.7	-0.3	0
6/16/2020 2:48 AM	-0.4	2.3	2.5	-0.3	0
6/16/2020 2:54 AM	-0.4	2.3	2.2	-0.3	0
6/16/2020 3:00 AM	-0.4	2.3	2	-0.3	0
6/16/2020 3:06 AM	-0.4	2.3	1.9	-0.3	0
6/16/2020 3:12 AM	-0.4	2.3	1.9	-0.2	0
6/16/2020 3:18 AM	-0.4	2.3	1.9	-0.2	0
6/16/2020 3:24 AM	-0.4	2.2	1.8	-0.2	0
6/16/2020 3:30 AM	-0.4	2.2	1.8	-0.2	0
6/16/2020 3:36 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 3:42 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 3:48 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 3:54 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 4:00 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 4:06 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 4:12 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 4:18 AM	-0.4	2.2	1.9	-0.2	0
6/16/2020 4:24 AM	-0.4	2.3	2	-0.2	0
6/16/2020 4:30 AM	-0.4	2.3	1.9	-0.2	0
6/16/2020 4:36 AM	-0.4	2.4	1.9	-0.2	0
6/16/2020 4:42 AM	-0.4	2.4	1.9	-0.2	0
6/16/2020 4:48 AM	-0.4	2.6	1.9	-0.2	0
6/16/2020 4:54 AM	-0.4	2.7	1.8	-0.2	0
6/16/2020 5:00 AM	-0.4	2.8	1.7	-0.2	0
6/16/2020 5:06 AM	-0.4	2.9	1.6	-0.2	0
6/16/2020 5:12 AM	-0.4	3	1.6	-0.2	0
6/16/2020 5:18 AM	-0.4	3.1	1.6	-0.2	0
6/16/2020 5:24 AM	-0.4	3.1	1.6	-0.2	0
6/16/2020 5:30 AM	-0.4	3.2	1.6	-0.2	0
6/16/2020 5:36 AM	-0.4	3.2	1.6	-0.2	0
6/16/2020 5:42 AM	-0.4	3.2	1.5	-0.2	0
6/16/2020 5:48 AM	-0.4	3.2	1.5	-0.2	0
6/16/2020 5:54 AM	-0.4	3.2	1.5	-0.2	0
6/16/2020 6:00 AM	-0.4	3.2	1.5	-0.2	0
6/16/2020 6:06 AM	-0.4	3.1	1.6	-0.2	0
6/16/2020 6:12 AM	-0.4	3.1	1.7	-0.2	0
6/16/2020 6:18 AM	-0.4	3	1.8	-0.2	0

Opacity Data Summary Report

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 North River Wastewater Resource Recovery Facility
 New York, NY 10031



Data Group: Valid Data
Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/16/2020 6:24 AM	-0.4	3	2.2	-0.2	0
6/16/2020 6:30 AM	-0.4	2.9	2.5	-0.2	0
6/16/2020 6:36 AM	-0.4	2.8	2.5	-0.2	0
6/16/2020 6:42 AM	-0.4	2.7	2.7	-0.2	0
6/16/2020 6:48 AM	-0.4	2.6	2.8	-0.2	0
6/16/2020 6:54 AM	-0.4	2.5	2.8	-0.2	0
6/16/2020 7:00 AM	-0.4	2.4	2.8	-0.2	0
6/16/2020 7:06 AM	-0.4	2.3	2.8	-0.2	0
6/16/2020 7:12 AM	-0.4	2.2	2.9	-0.2	0
6/16/2020 7:18 AM	-0.4	2	2.9	-0.2	0
6/16/2020 7:24 AM	-0.4	1.9	3	-0.2	0
6/16/2020 7:30 AM	-0.4	1.8	2.9	-0.2	0
6/16/2020 7:36 AM	-0.4	1.6	3.2	-0.2	0
6/16/2020 7:42 AM	-0.4	1.5	3.6	-0.2	0
6/16/2020 7:48 AM	-0.4	1.4	3.8	-0.2	0
6/16/2020 7:54 AM	-0.3	1.3	3.9	-0.2	0
6/16/2020 8:00 AM	-0.3	1.2	5.4	-0.2	0
6/16/2020 8:06 AM	-0.3	1.1	6.9	-0.2	0
6/16/2020 8:12 AM	-0.3	1.1	6.8	-0.2	0
6/16/2020 8:18 AM	-0.3	1	6.7	-0.2	0
6/16/2020 8:24 AM	-0.3	0.8	6.6	-0.2	0
6/16/2020 8:30 AM	-0.3	0.4	6.8	-0.2	0
6/16/2020 8:36 AM	-0.3	0.1	6.8	-0.2	0
6/16/2020 8:42 AM	-0.3	0	6.7	-0.2	0
6/16/2020 8:48 AM	-0.3	-0.1	6.9	-0.2	0
6/16/2020 8:54 AM	-0.3	0.1	6.8	-0.2	0
6/16/2020 9:00 AM	-0.2	0.2	6.5	-0.2	0
6/16/2020 9:06 AM	-0.2	0.3	6.6	-0.2	0
6/16/2020 9:12 AM	-0.2	0.3	6.7	-0.2	0
6/16/2020 9:18 AM	-0.2	0.3	6.7	-0.2	0
6/16/2020 9:24 AM	-0.2	0.2	6.5	-0.2	0
6/16/2020 9:30 AM	-0.2	0.2	6.5	-0.2	0
6/16/2020 9:36 AM	-0.2	8	5.9	-0.2	0
6/16/2020 9:42 AM	-0.2	12.7	3.8	-0.2	0
6/16/2020 9:48 AM	-0.2	6.7	2.5	-0.2	0
6/16/2020 9:54 AM	-0.2	5.8	2.1	-0.2	0
6/16/2020 10:00 AM	-0.2	4.6	2	-0.2	0
6/16/2020 10:06 AM	-0.2	3.2	1.9	-0.2	0
6/16/2020 10:12 AM	-0.2	2.4	1.8	-0.2	0
6/16/2020 10:18 AM	-0.2	2.4	1.8	-0.2	0
6/16/2020 10:24 AM	-0.2	2.5	1.9	-0.2	0
6/16/2020 10:30 AM	-0.2	2.4	1.8	-0.1	0
6/16/2020 10:36 AM	-0.2	2.1	1.8	-0.1	0.1
6/16/2020 10:42 AM	-0.2	1.7	1.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/16/2020 10:48 AM	-0.2	1.2	1.8	-0.1	0.1
6/16/2020 10:54 AM	-0.2	0.8	1.8	-0.1	0.1
6/16/2020 11:00 AM	-0.2	0.5	1.8	-0.1	0.1
6/16/2020 11:06 AM	-0.2	0.3	1.9	-0.1	0.1
6/16/2020 11:12 AM	-0.2	0.2	1.9	-0.1	0.1
6/16/2020 11:18 AM	-0.2	0.2	1.9	-0.1	0.1
6/16/2020 11:24 AM	-0.2	0.1	1.9	-0.1	0.1
6/16/2020 11:30 AM	-0.2	0	1.8	-0.1	0.1
6/16/2020 11:36 AM	-0.2	0	1.9	-0.1	0.1
6/16/2020 11:42 AM	-0.2	0	1.9	-0.1	0.1
6/16/2020 11:48 AM	-0.2	-0.1	1.9	-0.1	0.1
6/16/2020 11:54 AM	-0.2	-0.1	1.9	-0.1	0.1
6/16/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/16/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/16/2020 12:12 PM	-0.2	-0.2	2	-0.2	0.1
6/16/2020 12:18 PM	-0.2	-0.2	1.9	-0.2	0.1
6/16/2020 12:24 PM	-0.2	-0.1	1.9	-0.2	0.1
6/16/2020 12:30 PM	-0.2	-0.1	1.8	-0.2	0.1
6/16/2020 12:36 PM	-0.2	-0.2	1.9	-0.1	0.1
6/16/2020 12:42 PM	-0.2	-0.2	1.9	-0.1	0.1
6/16/2020 12:48 PM	-0.2	-0.2	1.9	-0.1	0.1
6/16/2020 12:54 PM	-0.2	-0.2	1.9	-0.1	0.1
6/16/2020 1:00 PM	-0.2	-0.2	1.9	-0.1	0.1
6/16/2020 1:06 PM	-0.2	-0.2	1.9	-0.2	0.1
6/16/2020 1:12 PM	-0.2	-0.2	1.9	-0.2	0.1
6/16/2020 1:18 PM	-0.2	-0.2	1.9	-0.2	0
6/16/2020 1:24 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 1:30 PM	-0.2	-0.2	1.7	-0.2	0
6/16/2020 1:36 PM	-0.2	-0.2	1.7	-0.2	0.1
6/16/2020 1:42 PM	-0.2	-0.2	1.8	-0.2	0.1
6/16/2020 1:48 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 1:54 PM	-0.2	-0.2	1.8	-0.2	0
6/16/2020 2:00 PM	-0.2	-0.2	1.8	-0.2	0.1
6/16/2020 2:06 PM	-0.2	-0.3	1.8	-0.2	0.1
6/16/2020 2:12 PM	-0.2	-0.3	1.8	-0.2	0.1
6/16/2020 2:18 PM	-0.2	-0.3	1.8	-0.1	0.1
6/16/2020 2:24 PM	-0.2	-0.3	1.7	-0.1	0.1
6/16/2020 2:30 PM	-0.2	-0.3	1.7	-0.2	0
6/16/2020 2:36 PM	-0.2	-0.3	1.7	-0.2	0
6/16/2020 2:42 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 2:48 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 2:54 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 3:00 PM	-0.2	-0.4	1.8	-0.2	0
6/16/2020 3:06 PM	-0.2	-0.4	1.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/16/2020 3:12 PM	-0.2	-0.4	1.8	-0.2	0
6/16/2020 3:18 PM	-0.2	-0.3	1.8	-0.2	0
6/16/2020 3:24 PM	-0.2	-0.3	1.8	-0.1	0
6/16/2020 3:30 PM	-0.2	-0.4	1.8	-0.1	0
6/16/2020 3:36 PM	-0.2	-0.4	1.8	-0.1	0
6/16/2020 3:42 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 3:48 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 3:54 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 4:00 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 4:06 PM	-0.2	-0.4	1.6	-0.2	0
6/16/2020 4:12 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 4:18 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 4:24 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 4:30 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 4:36 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 4:42 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 4:48 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 4:54 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 5:00 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 5:06 PM	-0.2	-0.4	1.7	-0.2	0
6/16/2020 5:12 PM	-0.2	-0.4	1.7	-0.1	0
6/16/2020 5:18 PM	-0.3	-0.3	1.7	-0.2	0
6/16/2020 5:24 PM	-0.3	-0.3	1.7	-0.2	0
6/16/2020 5:30 PM	-0.3	-0.3	1.7	-0.2	0
6/16/2020 5:36 PM	-0.3	-0.3	1.7	-0.2	0
6/16/2020 5:42 PM	-0.3	-0.3	1.7	-0.2	0
6/16/2020 5:48 PM	-0.3	-0.3	1.8	-0.1	0
6/16/2020 5:54 PM	-0.3	-0.4	1.9	-0.1	0
6/16/2020 6:00 PM	-0.3	-0.3	2	-0.1	0
6/16/2020 6:06 PM	-0.3	-0.3	2	-0.2	0
6/16/2020 6:12 PM	-0.3	-0.3	2	-0.2	0
6/16/2020 6:18 PM	-0.3	-0.4	2	-0.1	0
6/16/2020 6:24 PM	-0.3	-0.4	2	-0.1	0
6/16/2020 6:30 PM	-0.3	-0.3	1.9	-0.1	0
6/16/2020 6:36 PM	-0.3	-0.3	1.9	-0.1	0
6/16/2020 6:42 PM	-0.3	-0.3	1.8	-0.1	0
6/16/2020 6:48 PM	-0.3	-0.3	1.8	-0.1	0
6/16/2020 6:54 PM	-0.3	-0.3	1.8	-0.1	0
6/16/2020 7:00 PM	-0.3	-0.3	1.8	-0.1	0
6/16/2020 7:06 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:12 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:18 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:24 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:30 PM	-0.3	-0.3	1.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/16/2020 7:36 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:42 PM	-0.3	-0.4	1.8	-0.1	0
6/16/2020 7:48 PM	-0.3	-0.4	1.7	-0.1	0
6/16/2020 7:54 PM	-0.3	-0.3	1.7	-0.1	0
6/16/2020 8:00 PM	-0.3	-0.3	1.7	-0.1	0
6/16/2020 8:06 PM	-0.3	-0.4	1.8	-0.1	0
6/16/2020 8:12 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:18 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:24 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:30 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:36 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:42 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 8:48 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 8:54 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 9:00 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 9:06 PM	-0.4	-0.4	1.7	-0.1	0
6/16/2020 9:12 PM	-0.4	-0.4	1.7	-0.1	0
6/16/2020 9:18 PM	-0.4	-0.4	1.7	-0.1	0
6/16/2020 9:24 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 9:30 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 9:36 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 9:42 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 9:48 PM	-0.4	-0.3	1.8	-0.1	0
6/16/2020 9:54 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:00 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:06 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:12 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:18 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:24 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:30 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:36 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:42 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:48 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 10:54 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:00 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:06 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:12 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:18 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:24 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:30 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:36 PM	-0.4	-0.3	1.7	-0.1	0
6/16/2020 11:42 PM	-0.4	-0.2	1.7	-0.1	0
6/16/2020 11:48 PM	-0.4	-0.2	1.7	-0.1	0
6/16/2020 11:54 PM	-0.4	-0.2	1.7	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 12:00 AM	-0.4	-0.2	1.7	-0.1	0
6/17/2020 12:06 AM	-0.4	-0.2	1.7	-0.1	0
6/17/2020 12:12 AM	-0.4	-0.2	1.7	-0.1	0
6/17/2020 12:18 AM	-0.4	-0.3	1.7	-0.1	0
6/17/2020 12:24 AM	-0.4	-0.3	1.6	-0.1	0
6/17/2020 12:30 AM	-0.4	-0.3	1.8	-0.1	0
6/17/2020 12:36 AM	-0.4	-0.7	2.5	-0.1	0
6/17/2020 12:42 AM	-0.5	-1.1	2.9	-0.1	0
6/17/2020 12:48 AM	-0.5	-1.1	3	-0.1	0
6/17/2020 12:54 AM	-0.5	-1.1	3.1	-0.1	0
6/17/2020 1:00 AM	-0.5	-1.1	3.1	-0.1	0
6/17/2020 1:06 AM	-0.5	-1.1	3	-0.1	0
6/17/2020 1:12 AM	-0.5	-1.1	3	-0.1	0
6/17/2020 1:18 AM	-0.5	-1	2.9	-0.1	0
6/17/2020 1:24 AM	-0.5	-1	2.8	-0.1	0
6/17/2020 1:30 AM	-0.5	-1.1	2.7	-0.1	0
6/17/2020 1:36 AM	-0.5	-1.1	2.6	-0.1	0
6/17/2020 1:42 AM	-0.5	-1	2.5	-0.1	0
6/17/2020 1:48 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 1:54 AM	-0.5	-1.1	2.3	-0.1	0
6/17/2020 2:00 AM	-0.5	-1.1	2.3	-0.1	0
6/17/2020 2:06 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 2:12 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 2:18 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 2:24 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 2:30 AM	-0.5	-1	2.4	-0.1	0
6/17/2020 2:36 AM	-0.5	-1.1	2.4	-0.1	0
6/17/2020 2:42 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 2:48 AM	-0.4	-1	2.5	-0.1	0
6/17/2020 2:54 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 3:00 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 3:06 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 3:12 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 3:18 AM	-0.4	-1	2.3	-0.1	0
6/17/2020 3:24 AM	-0.4	-1	2.3	-0.1	0
6/17/2020 3:30 AM	-0.4	-1	2.2	-0.1	0
6/17/2020 3:36 AM	-0.4	-1	2.2	-0.1	0
6/17/2020 3:42 AM	-0.4	-1	2.3	-0.1	0
6/17/2020 3:48 AM	-0.4	-1	2.2	-0.1	0
6/17/2020 3:54 AM	-0.4	-0.9	2.2	-0.1	0
6/17/2020 4:00 AM	-0.4	-1	2.2	-0.1	0
6/17/2020 4:06 AM	-0.5	-1	2.2	-0.1	0
6/17/2020 4:12 AM	-0.5	-1	2.2	-0.1	0
6/17/2020 4:18 AM	-0.5	-1	2.2	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 4:24 AM	-0.5	-1	2.1	-0.1	0
6/17/2020 4:30 AM	-0.5	-1	2.1	-0.1	0
6/17/2020 4:36 AM	-0.5	-1	2	-0.1	0
6/17/2020 4:42 AM	-0.5	-1	2	-0.1	0
6/17/2020 4:48 AM	-0.5	-1	1.9	-0.1	0
6/17/2020 4:54 AM	-0.5	-1	1.8	-0.1	0
6/17/2020 5:00 AM	-0.5	-1	1.8	-0.1	0
6/17/2020 5:06 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 5:12 AM	-0.5	-0.9	1.7	-0.1	0
6/17/2020 5:18 AM	-0.5	-0.9	1.7	-0.1	0
6/17/2020 5:24 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 5:30 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 5:36 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 5:42 AM	-0.5	-0.9	1.6	-0.1	0
6/17/2020 5:48 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 5:54 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:00 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:06 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:12 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:18 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:24 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:30 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:36 AM	-0.5	-1	1.6	-0.1	0
6/17/2020 6:42 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 6:48 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 6:54 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 7:00 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 7:06 AM	-0.5	-1	1.7	-0.1	0
6/17/2020 7:12 AM	-0.5	-1	1.9	-0.1	0
6/17/2020 7:18 AM	-0.4	-1	2.2	-0.1	0
6/17/2020 7:24 AM	-0.4	-1	2.4	-0.1	0
6/17/2020 7:30 AM	-0.4	-1	2.6	-0.1	0
6/17/2020 7:36 AM	-0.4	-1	2.7	-0.2	0
6/17/2020 7:42 AM	-0.4	-1	2.7	-0.1	0
6/17/2020 7:48 AM	-0.4	-1	2.9	-0.1	0
6/17/2020 7:54 AM	-0.4	-1	3.1	-0.1	0
6/17/2020 8:00 AM	-0.4	-1	3.2	-0.1	0
6/17/2020 8:06 AM	-0.4	-1	3.3	-0.1	0
6/17/2020 8:12 AM	-0.4	-1	3.3	-0.1	0
6/17/2020 8:18 AM	-0.4	-1	3.2	-0.1	0
6/17/2020 8:24 AM	-0.4	-1	3.4	-0.1	0
6/17/2020 8:30 AM	-0.4	-1	3.6	-0.1	0
6/17/2020 8:36 AM	-0.3	-1	3.8	-0.1	0
6/17/2020 8:42 AM	-0.3	-0.9	3.8	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 8:48 AM	-0.3	-0.9	4	-0.1	0
6/17/2020 8:54 AM	-0.3	-1	4.1	-0.1	0
6/17/2020 9:00 AM	-0.3	-1	4.1	-0.1	0
6/17/2020 9:06 AM	-0.3	-1	4.2	-0.1	0
6/17/2020 9:12 AM	-0.3	-1	4.2	-0.1	0
6/17/2020 9:18 AM	-0.3	-1	4.2	1.7	0
6/17/2020 9:24 AM	-0.3	-1	4.2	17.1	0
6/17/2020 9:30 AM	-0.3	-1	3.8	18.7	0
6/17/2020 9:36 AM	-0.3	-1	3.3	13.3	0
6/17/2020 9:42 AM	-0.3	-1	3	9.5	0
6/17/2020 9:48 AM	-0.3	-0.9	2.8	6.9	0
6/17/2020 9:54 AM	-0.3	-0.9	2.6	4	0
6/17/2020 10:00 AM	-0.3	-0.9	2.5	3.8	0
6/17/2020 10:06 AM	-0.3	-0.9	2.4	3.7	0
6/17/2020 10:12 AM	-0.3	-0.9	2.3	3.6	0
6/17/2020 10:18 AM	-0.3	-0.9	2.3	3.8	0
6/17/2020 10:24 AM	-0.3	-0.9	2.3	3.9	0
6/17/2020 10:30 AM	-0.3	-0.9	2.3	4.1	0.1
6/17/2020 10:36 AM	-0.3	-0.9	2.2	4.1	0.1
6/17/2020 10:42 AM	-0.3	-0.9	2.2	3.9	0.1
6/17/2020 10:48 AM	-0.3	-0.9	2.2	3.7	0.1
6/17/2020 10:54 AM	-0.3	-0.9	2.2	3.7	0.1
6/17/2020 11:00 AM	-0.3	-0.9	2.2	3.6	0.1
6/17/2020 11:06 AM	-0.3	-0.9	2.2	3.2	0.1
6/17/2020 11:12 AM	-0.3	-0.9	2.2	3	0.1
6/17/2020 11:18 AM	-0.3	-0.9	2.1	2.7	0.1
6/17/2020 11:24 AM	-0.3	-0.9	2.1	2.4	0.1
6/17/2020 11:30 AM	-0.3	-0.9	2.1	2.3	0.1
6/17/2020 11:36 AM	-0.3	-0.9	2.1	2.2	0.1
6/17/2020 11:42 AM	-0.3	-0.9	2	2	0.1
6/17/2020 11:48 AM	-0.3	-0.9	2	2	0.1
6/17/2020 11:54 AM	-0.3	-0.9	2	2.1	0.1
6/17/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/17/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/17/2020 12:12 PM	-0.3	-0.9	2	1.9	0.1
6/17/2020 12:18 PM	-0.3	-0.9	2	1.9	0
6/17/2020 12:24 PM	-0.3	-0.9	1.9	2	0
6/17/2020 12:30 PM	-0.3	-0.9	1.9	1.9	0.1
6/17/2020 12:36 PM	-0.3	-0.9	1.9	1.8	0.1
6/17/2020 12:42 PM	-0.3	-0.9	1.9	1.9	0.1
6/17/2020 12:48 PM	-0.3	-0.9	1.9	1.8	0.1
6/17/2020 12:54 PM	-0.3	-0.9	1.9	1.8	0.1
6/17/2020 1:00 PM	-0.3	-0.9	2.7	1	0.1
6/17/2020 1:06 PM	-0.3	-0.8	3.1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 1:12 PM	-0.3	-0.8	3.2	-0.4	0.1
6/17/2020 1:18 PM	<Samp	<Samp	<Samp	<Samp	<Samp
6/17/2020 1:24 PM	Maintain	Maintain	Maintain	Maintain	Maintain
6/17/2020 1:30 PM	-0.3	-0.8	3.7	-0.4	0
6/17/2020 1:36 PM	-0.3	-0.8	3.7	-0.4	0.1
6/17/2020 1:42 PM	-0.3	-0.8	3.7	-0.4	0.1
6/17/2020 1:48 PM	-0.3	-0.8	3.8	-0.4	0.1
6/17/2020 1:54 PM	-0.3	-0.8	4	-0.4	0.1
6/17/2020 2:00 PM	-0.3	-0.8	4.1	-0.4	0.1
6/17/2020 2:06 PM	-0.3	-0.8	4.3	-0.4	0.1
6/17/2020 2:12 PM	-0.3	-0.8	4.4	-0.4	0.1
6/17/2020 2:18 PM	-0.3	-0.8	4.3	-0.4	0.1
6/17/2020 2:24 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 2:30 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 2:36 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 2:42 PM	-0.2	-0.7	4.3	-0.4	0.1
6/17/2020 2:48 PM	-0.2	-0.7	4.3	-0.4	0.1
6/17/2020 2:54 PM	-0.2	-0.7	4.3	-0.4	0.1
6/17/2020 3:00 PM	-0.2	-0.7	4.3	-0.4	0.1
6/17/2020 3:06 PM	-0.2	-0.6	4.4	-0.4	0.1
6/17/2020 3:12 PM	-0.2	-0.6	4.4	-0.4	0.1
6/17/2020 3:18 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 3:24 PM	-0.3	-0.7	4.2	-0.4	0.1
6/17/2020 3:30 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 3:36 PM	-0.3	-0.7	4.3	-0.4	0.1
6/17/2020 3:42 PM	-0.3	-0.7	4.4	-0.4	0.1
6/17/2020 3:48 PM	-0.3	-0.7	4.6	-0.4	0.1
6/17/2020 3:54 PM	-0.3	-0.7	4.7	-0.4	0.1
6/17/2020 4:00 PM	-0.3	-0.7	4.8	-0.4	0.1
6/17/2020 4:06 PM	-0.3	-0.6	4.4	-0.4	0.1
6/17/2020 4:12 PM	-0.3	-0.6	3.9	-0.4	0.1
6/17/2020 4:18 PM	-0.3	-0.6	3.6	-0.4	0.1
6/17/2020 4:24 PM	-0.3	-0.6	3.5	-0.4	0.1
6/17/2020 4:30 PM	-0.3	-0.6	3.4	-0.4	0.1
6/17/2020 4:36 PM	-0.3	-0.6	3.3	-0.4	0.1
6/17/2020 4:42 PM	-0.3	-0.6	3.2	-0.4	0.1
6/17/2020 4:48 PM	-0.3	-0.6	3.1	-0.4	0.1
6/17/2020 4:54 PM	-0.3	-0.6	3.1	-0.4	0
6/17/2020 5:00 PM	-0.3	-0.6	3	-0.4	0
6/17/2020 5:06 PM	-0.3	-0.6	3	-0.4	0
6/17/2020 5:12 PM	-0.3	-0.6	3.1	-0.4	0
6/17/2020 5:18 PM	-0.3	-0.6	3.3	-0.4	0
6/17/2020 5:24 PM	-0.3	-0.6	3.5	-0.4	0
6/17/2020 5:30 PM	-0.3	-0.6	3.6	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 5:36 PM	-0.3	-0.6	3.7	-0.3	0
6/17/2020 5:42 PM	-0.3	-0.6	3.8	-0.3	0
6/17/2020 5:48 PM	-0.3	-0.6	3.9	-0.3	0
6/17/2020 5:54 PM	-0.3	-0.6	4	-0.3	0
6/17/2020 6:00 PM	-0.3	-0.6	4.2	-0.3	0
6/17/2020 6:06 PM	-0.3	-0.6	4.3	-0.3	0
6/17/2020 6:12 PM	-0.3	-0.6	4.3	-0.3	0
6/17/2020 6:18 PM	-0.3	-0.6	4.3	-0.3	0
6/17/2020 6:24 PM	-0.4	-0.6	4.5	-0.3	0
6/17/2020 6:30 PM	-0.4	-0.6	4.5	-0.3	0
6/17/2020 6:36 PM	-0.4	-0.6	4.5	-0.3	0
6/17/2020 6:42 PM	-0.4	-0.6	4.6	-0.3	0
6/17/2020 6:48 PM	-0.4	-0.6	4.6	-0.3	0
6/17/2020 6:54 PM	-0.4	-0.6	4.6	-0.3	0
6/17/2020 7:00 PM	-0.4	-0.6	4.6	-0.3	0
6/17/2020 7:06 PM	-0.4	-0.6	4.7	-0.3	0
6/17/2020 7:12 PM	-0.4	-0.6	4.7	-0.3	0
6/17/2020 7:18 PM	-0.4	-0.6	4.8	-0.3	0
6/17/2020 7:24 PM	-0.4	-0.6	5	-0.3	0
6/17/2020 7:30 PM	-0.4	-0.6	5	-0.3	0
6/17/2020 7:36 PM	-0.4	-0.6	5.1	-0.3	0
6/17/2020 7:42 PM	-0.4	-0.6	5.2	-0.3	0
6/17/2020 7:48 PM	-0.4	-0.6	5.3	-0.3	0
6/17/2020 7:54 PM	-0.4	-0.6	5.2	-0.3	0
6/17/2020 8:00 PM	-0.4	-0.6	5	-0.3	0
6/17/2020 8:06 PM	-0.4	-0.5	4.8	-0.3	0
6/17/2020 8:12 PM	-0.4	-0.5	4.8	-0.3	0
6/17/2020 8:18 PM	-0.4	-0.5	5	-0.3	0
6/17/2020 8:24 PM	-0.4	-0.5	5	-0.3	0
6/17/2020 8:30 PM	-0.4	-0.5	5	-0.3	0
6/17/2020 8:36 PM	-0.4	-0.5	5	-0.3	0
6/17/2020 8:42 PM	-0.4	-0.5	5	-0.3	0
6/17/2020 8:48 PM	-0.4	-0.5	4.9	-0.3	0
6/17/2020 8:54 PM	-0.4	-0.4	4.6	-0.3	0
6/17/2020 9:00 PM	-0.4	-0.4	4.5	-0.3	0
6/17/2020 9:06 PM	-0.4	-0.4	4.5	-0.3	0
6/17/2020 9:12 PM	-0.4	-0.4	4.6	-0.3	0
6/17/2020 9:18 PM	-0.4	-0.4	4.5	-0.3	0
6/17/2020 9:24 PM	-0.4	-0.4	4.6	-0.3	0
6/17/2020 9:30 PM	-0.4	-0.4	4.7	-0.3	0
6/17/2020 9:36 PM	-0.4	-0.4	4.8	-0.3	0
6/17/2020 9:42 PM	-0.4	-0.4	4.9	-0.3	0
6/17/2020 9:48 PM	-0.4	-0.4	4.9	-0.3	0
6/17/2020 9:54 PM	-0.4	-0.4	5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/17/2020 10:00 PM	-0.4	-0.4	4.9	-0.3	0
6/17/2020 10:06 PM	-0.4	-0.4	4.9	-0.3	0
6/17/2020 10:12 PM	-0.4	-0.3	5	-0.3	0
6/17/2020 10:18 PM	-0.4	-0.3	4.9	-0.3	0
6/17/2020 10:24 PM	-0.4	-0.3	4.8	-0.3	0
6/17/2020 10:30 PM	-0.4	-0.3	4.8	-0.3	0
6/17/2020 10:36 PM	-0.4	-0.3	4.7	-0.3	0
6/17/2020 10:42 PM	-0.4	-0.3	4.6	-0.3	0
6/17/2020 10:48 PM	-0.4	-0.3	4.5	-0.3	0
6/17/2020 10:54 PM	-0.4	-0.3	4.6	-0.3	0
6/17/2020 11:00 PM	-0.5	-0.3	4.7	-0.3	0
6/17/2020 11:06 PM	-0.5	-0.3	4.8	-0.3	0
6/17/2020 11:12 PM	-0.5	-0.2	4.8	-0.3	0
6/17/2020 11:18 PM	-0.5	-0.2	5	-0.3	0
6/17/2020 11:24 PM	-0.5	-0.3	5.1	-0.3	0
6/17/2020 11:30 PM	-0.5	-0.2	5.1	-0.3	0
6/17/2020 11:36 PM	-0.5	-0.2	4.9	-0.3	0
6/17/2020 11:42 PM	-0.5	-0.2	4.9	-0.3	0
6/17/2020 11:48 PM	-0.5	-0.2	5	-0.3	0
6/17/2020 11:54 PM	-0.5	-0.2	5.1	-0.3	0
6/18/2020 12:00 AM	-0.4	-0.2	5.1	-0.3	0
6/18/2020 12:06 AM	-0.4	-0.2	5.1	-0.3	0
6/18/2020 12:12 AM	-0.4	-0.2	4.6	-0.3	0
6/18/2020 12:18 AM	-0.4	-0.2	3.6	-0.3	0
6/18/2020 12:24 AM	-0.4	-0.2	3	-0.3	0
6/18/2020 12:30 AM	-0.4	-0.1	2.8	-0.3	0
6/18/2020 12:36 AM	-0.4	-0.1	2.7	-0.3	0
6/18/2020 12:42 AM	-0.4	-0.1	2.6	-0.3	0
6/18/2020 12:48 AM	-0.4	-0.1	2.6	-0.2	0
6/18/2020 12:54 AM	-0.4	-0.1	2.5	-0.3	0
6/18/2020 1:00 AM	-0.4	-0.1	2.5	-0.2	0
6/18/2020 1:06 AM	-0.4	-0.1	2.5	-0.2	0
6/18/2020 1:12 AM	-0.4	0	2.5	-0.2	0
6/18/2020 1:18 AM	-0.4	0	2.4	-0.2	0
6/18/2020 1:24 AM	-0.4	0	2.4	-0.2	0
6/18/2020 1:30 AM	-0.4	0	2.3	-0.2	0
6/18/2020 1:36 AM	-0.4	0	2.3	-0.2	0
6/18/2020 1:42 AM	-0.4	0	2.2	-0.2	0
6/18/2020 1:48 AM	-0.4	0	2	-0.2	0
6/18/2020 1:54 AM	-0.4	0	1.9	-0.2	0
6/18/2020 2:00 AM	-0.4	0	1.8	-0.2	0
6/18/2020 2:06 AM	-0.4	0	1.8	-0.2	0
6/18/2020 2:12 AM	-0.4	0	1.7	-0.2	0
6/18/2020 2:18 AM	-0.4	0.1	1.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/18/2020 2:24 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 2:30 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 2:36 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 2:42 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 2:48 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 2:54 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 3:00 AM	-0.4	0.1	1.7	-0.2	0
6/18/2020 3:06 AM	-0.4	0.1	1.8	-0.2	0
6/18/2020 3:12 AM	-0.4	0.1	1.8	-0.2	0
6/18/2020 3:18 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 3:24 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 3:30 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 3:36 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 3:42 AM	-0.5	0.2	1.7	-0.2	0
6/18/2020 3:48 AM	-0.5	0.2	1.7	-0.2	0
6/18/2020 3:54 AM	-0.5	0.2	1.7	-0.2	0
6/18/2020 4:00 AM	-0.5	0.2	1.7	-0.2	0
6/18/2020 4:06 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 4:12 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 4:18 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 4:24 AM	-0.5	0.2	1.7	-0.2	0
6/18/2020 4:30 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 4:36 AM	-0.5	0.2	1.8	-0.2	0
6/18/2020 4:42 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 4:48 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 4:54 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 5:00 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 5:06 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 5:12 AM	-0.5	0.3	1.8	-0.2	0
6/18/2020 5:18 AM	-0.5	0.3	1.8	-0.1	0
6/18/2020 5:24 AM	-0.5	0.4	1.7	-0.1	0
6/18/2020 5:30 AM	-0.5	0.4	1.7	-0.2	0
6/18/2020 5:36 AM	-0.5	0.4	1.7	-0.2	0
6/18/2020 5:42 AM	-0.5	0.5	1.7	-0.2	0
6/18/2020 5:48 AM	-0.5	0.5	1.7	-0.2	0
6/18/2020 5:54 AM	-0.5	0.5	1.7	-0.2	0
6/18/2020 6:00 AM	-0.5	0.6	1.7	-0.2	0
6/18/2020 6:06 AM	-0.5	0.5	1.7	-0.2	0
6/18/2020 6:12 AM	-0.5	0.5	1.7	-0.1	0
6/18/2020 6:18 AM	-0.5	0.6	1.7	-0.1	0
6/18/2020 6:24 AM	-0.5	0.6	1.7	-0.2	0
6/18/2020 6:30 AM	-0.5	0.6	1.7	-0.2	0
6/18/2020 6:36 AM	-0.5	0.6	1.7	-0.2	0
6/18/2020 6:42 AM	-0.4	0.6	1.7	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/18/2020 6:48 AM	-0.4	0.6	1.7	-0.2	0
6/18/2020 6:54 AM	-0.4	0.7	1.7	-0.2	0
6/18/2020 7:00 AM	-0.4	0.7	1.7	-0.1	0
6/18/2020 7:06 AM	-0.4	0.7	1.7	-0.1	0
6/18/2020 7:12 AM	-0.4	0.8	1.8	-0.1	0.1
6/18/2020 7:18 AM	-0.4	0.8	2.2	-0.1	8.1
6/18/2020 7:24 AM	-0.4	0.9	2.4	-0.1	11
6/18/2020 7:30 AM	-0.4	0.9	2.5	-0.1	3.2
6/18/2020 7:36 AM	-0.4	0.9	2.7	-0.1	1.5
6/18/2020 7:42 AM	-0.4	1	2.9	-0.1	0.9
6/18/2020 7:48 AM	-0.4	1.1	3	-0.1	0.7
6/18/2020 7:54 AM	-0.4	1.1	3	-0.1	0.5
6/18/2020 8:00 AM	-0.4	1	3.1	-0.1	0.4
6/18/2020 8:06 AM	-0.4	1	3.2	-0.2	0.4
6/18/2020 8:12 AM	-0.4	1.1	3.2	-0.2	0.3
6/18/2020 8:18 AM	-0.4	1.3	3.1	-0.2	0.2
6/18/2020 8:24 AM	-0.4	1.3	3.1	-0.2	0.2
6/18/2020 8:30 AM	-0.4	1.4	3.2	-0.2	0.2
6/18/2020 8:36 AM	-0.4	1.4	3.2	-0.2	0.2
6/18/2020 8:42 AM	-0.4	1.4	3.3	-0.2	0.1
6/18/2020 8:48 AM	-0.4	1.5	3.4	-0.2	0.1
6/18/2020 8:54 AM	-0.4	1.5	3.5	-0.2	0.1
6/18/2020 9:00 AM	-0.4	1.5	3.5	-0.2	0.1
6/18/2020 9:06 AM	-0.4	1.5	3.8	-0.2	0.1
6/18/2020 9:12 AM	-0.4	1.4	3.9	-0.2	0.1
6/18/2020 9:18 AM	-0.4	1.3	4	-0.2	0.1
6/18/2020 9:24 AM	-0.4	1.3	4	-0.2	0.1
6/18/2020 9:30 AM	-0.4	1.4	4	-0.2	0.1
6/18/2020 9:36 AM	-0.4	1.5	4	-0.2	4.3
6/18/2020 9:42 AM	-0.4	1.6	3.7	-0.2	18.1
6/18/2020 9:48 AM	-0.4	1.6	3	-0.2	18.9
6/18/2020 9:54 AM	-0.4	1.8	2.5	-0.2	10.1
6/18/2020 10:00 AM	-0.3	1.9	2.4	-0.2	6.9
6/18/2020 10:06 AM	-0.3	1.9	2.3	-0.2	6.2
6/18/2020 10:12 AM	-0.3	1.8	2.2	-0.2	6.2
6/18/2020 10:18 AM	-0.3	1.7	2.1	-0.2	6
6/18/2020 10:24 AM	-0.3	1.6	2.1	-0.2	5.1
6/18/2020 10:30 AM	-0.3	1.6	2	-0.2	4.1
6/18/2020 10:36 AM	-0.3	1.6	2	-0.2	3.7
6/18/2020 10:42 AM	-0.3	1.6	2	-0.2	3.3
6/18/2020 10:48 AM	-0.3	1.6	2.1	-0.2	3.1
6/18/2020 10:54 AM	-0.3	1.5	2.1	-0.2	2.9
6/18/2020 11:00 AM	-0.3	1.5	2	-0.2	2.8
6/18/2020 11:06 AM	-0.3	1.5	2	-0.2	2.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/18/2020 11:12 AM	-0.3	1.5	2	-0.2	2.7
6/18/2020 11:18 AM	-0.3	1.5	2	-0.2	2.7
6/18/2020 11:24 AM	-0.3	1.4	2.3	-0.2	2.7
6/18/2020 11:30 AM	-0.3	1.4	2.4	-0.2	2.5
6/18/2020 11:36 AM	-0.3	1.4	2.3	-0.2	2.5
6/18/2020 11:42 AM	-0.3	1.3	2.1	-0.2	2.5
6/18/2020 11:48 AM	-0.3	1.4	2	-0.2	2.6
6/18/2020 11:54 AM	-0.3	1.4	2	-0.2	2.5
6/18/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/18/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/18/2020 12:12 PM	-0.6	1	2	-0.3	2.4
6/18/2020 12:18 PM	-0.6	0.9	2	-0.3	2.4
6/18/2020 12:24 PM	-0.6	0.8	2	-0.3	2.4
6/18/2020 12:30 PM	-0.6	0.8	2	-0.3	2.4
6/18/2020 12:36 PM	-0.6	0.9	1.9	-0.3	2.4
6/18/2020 12:42 PM	-0.6	1.1	1.9	-0.3	2.4
6/18/2020 12:48 PM	-0.6	1.1	1.9	-0.4	2.4
6/18/2020 12:54 PM	-0.6	1.2	1.7	-0.3	2.4
6/18/2020 1:00 PM	-0.6	1.2	1.7	-0.3	2.5
6/18/2020 1:06 PM	-0.6	1	1.7	-0.3	2.4
6/18/2020 1:12 PM	-0.6	0.9	1.8	-0.3	2.4
6/18/2020 1:18 PM	-0.6	0.9	1.8	-0.3	2.4
6/18/2020 1:24 PM	-0.6	1	1.8	-0.3	2.4
6/18/2020 1:30 PM	-0.6	1.1	1.8	-0.3	2.5
6/18/2020 1:36 PM	-0.6	1.1	1.8	-0.3	2.5
6/18/2020 1:42 PM	-0.6	1.1	1.7	-0.3	2.5
6/18/2020 1:48 PM	-0.6	1.1	1.7	-0.3	2.5
6/18/2020 1:54 PM	-0.6	1.1	1.7	-0.3	2.4
6/18/2020 2:00 PM	-0.6	1.2	1.7	-0.3	2.4
6/18/2020 2:06 PM	-0.6	1.2	1.7	-0.3	2.4
6/18/2020 2:12 PM	-0.6	1.2	1.7	-0.3	2.3
6/18/2020 2:18 PM	-0.6	1.3	1.6	-0.3	2.2
6/18/2020 2:24 PM	-0.6	1.3	1.6	-0.3	2.2
6/18/2020 2:30 PM	-0.6	1.4	1.6	-0.3	2.2
6/18/2020 2:36 PM	-0.6	1.4	1.7	-0.3	2.2
6/18/2020 2:42 PM	-0.6	1.5	1.6	-0.3	2.2
6/18/2020 2:48 PM	-0.6	1.5	1.6	-0.3	2.2
6/18/2020 2:54 PM	-0.6	1.5	1.7	-0.3	2.2
6/18/2020 3:00 PM	-0.6	1.5	1.7	-0.3	2.2
6/18/2020 3:06 PM	-0.6	1.5	1.7	-0.3	2.3
6/18/2020 3:12 PM	-0.6	1.5	1.6	-0.3	2.3
6/18/2020 3:18 PM	-0.6	1.5	1.7	-0.3	2.4
6/18/2020 3:24 PM	-0.6	1.3	1.8	-0.3	2.4
6/18/2020 3:30 PM	-0.6	1	1.8	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/18/2020 3:36 PM	-0.6	0.8	1.7	-0.3	2.3
6/18/2020 3:42 PM	-0.6	0.6	1.7	-0.3	2.3
6/18/2020 3:48 PM	-0.6	0.5	1.7	-0.3	2.4
6/18/2020 3:54 PM	-0.6	0.4	1.8	-0.3	2.3
6/18/2020 4:00 PM	-0.6	0.4	1.7	-0.3	2.3
6/18/2020 4:06 PM	-0.6	0.5	1.6	-0.3	2.4
6/18/2020 4:12 PM	-0.6	0.6	1.6	-0.3	2.4
6/18/2020 4:18 PM	-0.6	0.7	1.6	-0.3	2.3
6/18/2020 4:24 PM	-0.6	0.7	1.6	-0.3	2.3
6/18/2020 4:30 PM	-0.6	0.7	1.6	-0.3	2.3
6/18/2020 4:36 PM	-0.6	0.5	1.6	-0.3	2.2
6/18/2020 4:42 PM	-0.6	0.4	1.7	-0.3	2.2
6/18/2020 4:48 PM	-0.6	0.3	1.7	-0.3	2.3
6/18/2020 4:54 PM	-0.6	0.3	1.7	-0.3	2.3
6/18/2020 5:00 PM	-0.6	0.3	1.7	-0.3	2.3
6/18/2020 5:06 PM	-0.6	0.3	1.7	-0.3	2.3
6/18/2020 5:12 PM	-0.6	0.3	1.8	-0.3	2.3
6/18/2020 5:18 PM	-0.6	0.2	1.7	-0.3	2.3
6/18/2020 5:24 PM	-0.6	0.2	1.7	-0.3	2.3
6/18/2020 5:30 PM	-0.6	0.2	1.8	1.8	-0.3
6/18/2020 5:36 PM	-0.6	0.2	1.8	-0.3	2.3
6/18/2020 5:42 PM	-0.6	0.2	1.7	-0.3	2.3
6/18/2020 5:48 PM	-0.6	0.2	1.7	-0.3	2.3
6/18/2020 5:54 PM	-0.6	0.1	1.8	-0.3	2.3
6/18/2020 6:00 PM	-0.6	0.1	1.9	-0.3	2.3
6/18/2020 6:06 PM	-0.6	0	1.9	-0.3	2.3
6/18/2020 6:12 PM	-0.6	0.1	1.9	-0.3	2.3
6/18/2020 6:18 PM	-0.6	0.1	1.8	-0.3	2.3
6/18/2020 6:24 PM	-0.6	0.2	1.9	-0.3	2.3
6/18/2020 6:30 PM	-0.6	0.4	1.9	-0.3	2.3
6/18/2020 6:36 PM	-0.6	0.5	1.9	-0.3	2.3
6/18/2020 6:42 PM	-0.6	0.6	1.8	-0.3	2.3
6/18/2020 6:48 PM	-0.6	0.8	1.7	-0.3	2.2
6/18/2020 6:54 PM	-0.6	0.9	1.7	-0.3	2.3
6/18/2020 7:00 PM	-0.6	1.1	1.8	-0.3	2.3
6/18/2020 7:06 PM	-0.6	1.2	1.8	-0.3	2.3
6/18/2020 7:12 PM	-0.6	1.4	1.7	-0.3	2.3
6/18/2020 7:18 PM	-0.6	1.5	1.7	-0.3	2.3
6/18/2020 7:24 PM	-0.6	1.5	1.7	-0.3	2.3
6/18/2020 7:30 PM	-0.6	1.5	1.7	-0.3	2.3
6/18/2020 7:36 PM	-0.6	1.6	1.6	-0.3	2.4
6/18/2020 7:42 PM	-0.6	1.5	1.6	-0.3	2.4
6/18/2020 7:48 PM	-0.6	1.5	1.6	-0.3	2.3
6/18/2020 7:54 PM	-0.6	1.5	1.6	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/18/2020 8:00 PM	-0.6	1.5	1.6	-0.3	2.4
6/18/2020 8:06 PM	-0.6	1.5	1.6	-0.3	2.4
6/18/2020 8:12 PM	-0.6	1.5	1.5	-0.3	2.3
6/18/2020 8:18 PM	-0.6	1.5	1.5	-0.3	2.4
6/18/2020 8:24 PM	-0.6	1.4	1.6	-0.3	2.4
6/18/2020 8:30 PM	-0.6	1.4	1.5	-0.3	2.4
6/18/2020 8:36 PM	-0.6	1.4	1.5	-0.3	2.4
6/18/2020 8:42 PM	-0.7	1.4	1.5	-0.3	2.4
6/18/2020 8:48 PM	-0.7	1.4	1.5	-0.3	2.4
6/18/2020 8:54 PM	-0.7	1.4	1.5	-0.3	2.4
6/18/2020 9:00 PM	-0.7	1.4	1.8	-0.3	2.4
6/18/2020 9:06 PM	-0.7	1.4	2	-0.3	2.4
6/18/2020 9:12 PM	-0.7	1.4	1.9	-0.3	2.4
6/18/2020 9:18 PM	-0.7	1.4	1.8	-0.3	2.3
6/18/2020 9:24 PM	-0.7	1.4	1.8	-0.3	2.4
6/18/2020 9:30 PM	-0.7	1.4	1.8	-0.3	2.5
6/18/2020 9:36 PM	-0.7	1.4	1.8	-0.3	2.5
6/18/2020 9:42 PM	-0.7	1.4	1.8	-0.3	2.5
6/18/2020 9:48 PM	-0.7	1.4	1.8	-0.3	2.4
6/18/2020 9:54 PM	-0.7	1.4	1.7	-0.3	2.3
6/18/2020 10:00 PM	-0.7	1.4	1.7	-0.3	2.3
6/18/2020 10:06 PM	-0.7	1.4	1.8	-0.3	2.4
6/18/2020 10:12 PM	-0.7	1.4	1.8	-0.3	2.4
6/18/2020 10:18 PM	-0.7	1.5	1.8	-0.3	2.3
6/18/2020 10:24 PM	-0.7	1.5	1.8	-0.3	2.4
6/18/2020 10:30 PM	-0.7	1.6	1.8	-0.3	2.4
6/18/2020 10:36 PM	-0.7	1.6	1.8	-0.3	2.4
6/18/2020 10:42 PM	-0.7	1.7	1.8	-0.3	2.4
6/18/2020 10:48 PM	-0.7	1.7	1.7	-0.3	2.5
6/18/2020 10:54 PM	-0.7	1.7	1.7	-0.2	2.5
6/18/2020 11:00 PM	-0.7	1.7	5	-0.2	2.4
6/18/2020 11:06 PM	-0.7	1.8	5.6	-0.2	1.2
6/18/2020 11:12 PM	-0.7	1.8	3.1	-0.2	0.1
6/18/2020 11:18 PM	-0.7	1.8	3	-0.2	0.1
6/18/2020 11:24 PM	-0.7	1.8	3.2	-0.2	0
6/18/2020 11:30 PM	-0.7	1.8	3.3	-0.3	0.1
6/18/2020 11:36 PM	-0.7	1.7	3.4	-0.3	0.1
6/18/2020 11:42 PM	-0.7	1.7	3.5	-0.3	0
6/18/2020 11:48 PM	-0.7	1.7	3.6	-0.2	0.1
6/18/2020 11:54 PM	-0.7	1.7	3.7	-0.2	0.1
6/19/2020 12:00 AM	-0.7	1.7	3.8	-0.2	0
6/19/2020 12:06 AM	-0.7	1.7	3.9	-0.2	0
6/19/2020 12:12 AM	-0.7	1.7	3.9	-0.2	0
6/19/2020 12:18 AM	-0.7	1.7	4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 12:24 AM	-0.7	1.7	4.1	-0.2	0
6/19/2020 12:30 AM	-0.7	1.7	4.1	-0.2	0
6/19/2020 12:36 AM	-0.7	1.6	4.1	-0.3	0
6/19/2020 12:42 AM	-0.7	1.6	4.1	-0.3	0
6/19/2020 12:48 AM	-0.7	1.6	4.2	-0.3	0.1
6/19/2020 12:54 AM	-0.7	1.6	4.2	-0.3	0.1
6/19/2020 1:00 AM	-0.7	1.6	4.3	-0.3	0
6/19/2020 1:06 AM	-0.7	1.6	4.1	-0.3	0
6/19/2020 1:12 AM	-0.7	1.5	3.8	-0.3	0.1
6/19/2020 1:18 AM	-0.7	1.5	3.6	-0.3	0
6/19/2020 1:24 AM	-0.7	1.5	3.6	-0.3	0.1
6/19/2020 1:30 AM	-0.7	1.5	3.2	-0.3	0
6/19/2020 1:36 AM	-0.7	1.5	2.9	-0.3	0
6/19/2020 1:42 AM	-0.7	1.5	2.9	-0.2	0.1
6/19/2020 1:48 AM	-0.7	1.5	2.6	-0.2	0.1
6/19/2020 1:54 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:00 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:06 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:12 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:18 AM	-0.7	1.5	2.5	-0.2	0
6/19/2020 2:24 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:30 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:36 AM	-0.7	1.5	2.5	-0.2	0.1
6/19/2020 2:42 AM	-0.7	1.5	2.4	-0.2	0.1
6/19/2020 2:48 AM	-0.7	1.5	2.3	-0.2	0.1
6/19/2020 2:54 AM	-0.7	1.5	2.4	-0.2	0.1
6/19/2020 3:00 AM	-0.7	1.4	2.4	-0.2	0.1
6/19/2020 3:06 AM	-0.7	1.4	2.4	-0.2	0
6/19/2020 3:12 AM	-0.7	1.4	2.4	-0.2	0
6/19/2020 3:18 AM	-0.7	1.4	2.4	-0.2	0.1
6/19/2020 3:24 AM	-0.7	1.4	2.4	-0.2	0
6/19/2020 3:30 AM	-0.7	1.4	2.5	-0.2	0
6/19/2020 3:36 AM	-0.7	1.4	2.4	-0.2	0.1
6/19/2020 3:42 AM	-0.7	1.4	2.3	-0.2	0.1
6/19/2020 3:48 AM	-0.7	1.4	2.3	-0.2	0.1
6/19/2020 3:54 AM	-0.7	1.4	2.2	-0.2	0.1
6/19/2020 4:00 AM	-0.7	1.3	2.3	-0.2	0
6/19/2020 4:06 AM	-0.7	1.3	2.3	-0.2	0.1
6/19/2020 4:12 AM	-0.7	1.3	2.3	-0.2	0
6/19/2020 4:18 AM	-0.7	1.2	2.5	-0.2	0
6/19/2020 4:24 AM	-0.7	1.2	2.5	-0.2	0.1
6/19/2020 4:30 AM	-0.7	1.2	2.5	-0.2	0.1
6/19/2020 4:36 AM	-0.7	1.2	2.4	-0.2	0.1
6/19/2020 4:42 AM	-0.7	1.2	2.4	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 4:48 AM	-0.7	1.2	2.4	-0.2	0
6/19/2020 4:54 AM	-0.7	1.2	2.5	-0.2	0.1
6/19/2020 5:00 AM	-0.7	1.2	2.6	-0.2	0.1
6/19/2020 5:06 AM	-0.7	1.3	2.6	-0.2	0.1
6/19/2020 5:12 AM	-0.7	1.3	2.5	-0.2	0.1
6/19/2020 5:18 AM	-0.7	1.3	2.4	-0.2	0.1
6/19/2020 5:24 AM	-0.7	1.3	2.4	-0.2	0
6/19/2020 5:30 AM	-0.7	1.3	2.4	-0.2	0
6/19/2020 5:36 AM	-0.7	1.4	2.5	-0.2	0
6/19/2020 5:42 AM	-0.7	1.5	2.5	-0.3	0.1
6/19/2020 5:48 AM	-0.7	1.8	2.4	-0.2	0.1
6/19/2020 5:54 AM	-0.7	2.1	2.3	-0.3	1.3
6/19/2020 6:00 AM	-0.7	2.1	2.1	-0.3	8
6/19/2020 6:06 AM	-0.7	2.1	0.7	-0.3	9.2
6/19/2020 6:12 AM	-0.7	2.1	-0.4	-0.3	7.5
6/19/2020 6:18 AM	-0.7	2	-0.5	-0.3	6.5
6/19/2020 6:24 AM	-0.7	2.1	-0.5	-0.3	5.8
6/19/2020 6:30 AM	-0.7	2.1	-0.5	-0.3	5
6/19/2020 6:36 AM	-0.7	2.1	-0.6	-0.3	4.4
6/19/2020 6:42 AM	-0.7	2.1	-0.6	-0.3	4
6/19/2020 6:48 AM	-0.7	2	-0.7	-0.3	3.5
6/19/2020 6:54 AM	-0.7	1.9	-0.6	-0.3	3.3
6/19/2020 7:00 AM	-0.7	1.9	-0.6	-0.3	3.4
6/19/2020 7:06 AM	-0.7	1.9	-0.7	-0.3	3.4
6/19/2020 7:12 AM	-0.7	1.8	-0.7	-0.3	3.2
6/19/2020 7:18 AM	-0.7	1.7	-0.7	-0.3	3.1
6/19/2020 7:24 AM	-0.7	1.6	-0.7	-0.3	3
6/19/2020 7:30 AM	-0.7	1.5	-0.7	-0.3	3.4
6/19/2020 7:36 AM	-0.7	1.4	-0.6	-0.3	4.2
6/19/2020 7:42 AM	-0.7	1.2	-0.6	-0.3	4.1
6/19/2020 7:48 AM	-0.7	1.1	-0.6	-0.3	3.7
6/19/2020 7:54 AM	-0.7	1	-0.6	-0.3	3.6
6/19/2020 8:00 AM	-0.6	0.9	-0.6	8.4	3.6
6/19/2020 8:06 AM	-0.6	0.8	-0.6	18.2	3.2
6/19/2020 8:12 AM	-0.6	0.8	-0.6	14.8	2.5
6/19/2020 8:18 AM	-0.6	0.6	-0.6	10.2	2.4
6/19/2020 8:24 AM	-0.6	0.5	-0.6	8.7	2.5
6/19/2020 8:30 AM	-0.6	0.5	-0.5	7.7	2.5
6/19/2020 8:36 AM	-0.6	0.5	-0.5	5.7	2.6
6/19/2020 8:42 AM	-0.6	0.3	-0.5	4.7	2.5
6/19/2020 8:48 AM	-0.6	0.1	-0.4	4.4	2.5
6/19/2020 8:54 AM	-0.6	0	-0.3	4.4	2.5
6/19/2020 9:00 AM	-0.6	0.1	-0.4	4.5	2.6
6/19/2020 9:06 AM	-0.6	0.1	-0.4	4.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 9:12 AM	-0.5	0.1	-0.5	3.9	2.6
6/19/2020 9:18 AM	-0.5	0	-0.5	4.1	2.7
6/19/2020 9:24 AM	-0.5	0	-0.5	4	2.7
6/19/2020 9:30 AM	-0.5	0	-0.5	3.8	2.7
6/19/2020 9:36 AM	-0.5	0.1	-0.5	3.7	2.6
6/19/2020 9:42 AM	-0.5	0	-0.6	3.5	2.6
6/19/2020 9:48 AM	-0.5	0	-0.6	3.2	2.6
6/19/2020 9:54 AM	-0.5	0	-0.6	3	2.6
6/19/2020 10:00 AM	-0.5	0.1	-0.6	2.7	2.5
6/19/2020 10:06 AM	-0.5	0.1	-0.6	2.5	2.5
6/19/2020 10:12 AM	-0.5	0.1	-0.6	2.4	2.6
6/19/2020 10:18 AM	-0.5	0	-0.6	2.3	2.7
6/19/2020 10:24 AM	-0.5	0	-0.7	2.4	2.7
6/19/2020 10:30 AM	-0.5	0	-0.7	2.3	2.8
6/19/2020 10:36 AM	-0.5	0	-0.7	2.2	2.7
6/19/2020 10:42 AM	-0.5	0	-0.7	2.1	2.7
6/19/2020 10:48 AM	-0.5	-0.1	-0.7	2.2	2.7
6/19/2020 10:54 AM	-0.5	-0.1	-0.7	2.3	2.7
6/19/2020 11:00 AM	-0.5	0	-0.7	2.3	2.6
6/19/2020 11:06 AM	-0.5	0	-0.6	2.3	2.6
6/19/2020 11:12 AM	-0.5	0	-0.6	2.2	2.6
6/19/2020 11:18 AM	-0.5	0	-0.6	2	2.7
6/19/2020 11:24 AM	-0.5	0	-0.7	2	2.7
6/19/2020 11:30 AM	-0.5	0.1	-0.7	2.1	2.7
6/19/2020 11:36 AM	-0.5	0.1	-0.6	2.1	2.7
6/19/2020 11:42 AM	-0.5	0.1	-0.6	2.1	2.7
6/19/2020 11:48 AM	-0.5	0.1	-0.7	2.1	2.7
6/19/2020 11:54 AM	-0.5	0.1	-0.6	2.2	2.7
6/19/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/19/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/19/2020 12:12 PM	-0.4	0.1	-0.7	2.2	2.6
6/19/2020 12:18 PM	-0.4	0.1	-0.7	2.3	2.7
6/19/2020 12:24 PM	-0.4	0.2	-0.7	2.4	2.7
6/19/2020 12:30 PM	-0.4	0.2	-0.8	2.4	2.7
6/19/2020 12:36 PM	-0.4	0.3	-0.8	2.4	2.8
6/19/2020 12:42 PM	-0.4	0.4	-0.8	2.4	2.8
6/19/2020 12:48 PM	-0.4	0.3	-0.8	2.4	2.8
6/19/2020 12:54 PM	-0.4	0.3	-0.7	2.4	2.9
6/19/2020 1:00 PM	-0.4	0.2	-0.7	2.3	2.9
6/19/2020 1:06 PM	-0.4	0.3	-0.7	2.3	2.8
6/19/2020 1:12 PM	-0.4	0.3	-0.7	2.2	2.9
6/19/2020 1:18 PM	-0.4	0.3	-0.7	2.1	2.8
6/19/2020 1:24 PM	-0.4	0.4	-0.8	2.1	2.9
6/19/2020 1:30 PM	-0.4	0.4	-0.8	2.1	2.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 1:36 PM	-0.4	0.4	-0.8	2.1	2.8
6/19/2020 1:42 PM	-0.4	0.5	-0.8	2.1	2.7
6/19/2020 1:48 PM	-0.4	0.5	-0.8	2.2	2.7
6/19/2020 1:54 PM	-0.4	0.4	-0.8	1	3.4
6/19/2020 2:00 PM	-0.4	0.4	-0.8	-0.4	3.4
6/19/2020 2:06 PM	-0.4	0.3	-0.8	-0.5	3.1
6/19/2020 2:12 PM	-0.4	0.4	-0.8	-0.5	3
6/19/2020 2:18 PM	-0.4	0.4	-0.9	-0.5	2.9
6/19/2020 2:24 PM	-0.4	0.6	-0.9	-0.5	2.9
6/19/2020 2:30 PM	-0.4	0.7	-0.9	-0.5	2.8
6/19/2020 2:36 PM	-0.4	0.8	-0.9	-0.5	2.8
6/19/2020 2:42 PM	-0.4	0.9	-0.9	-0.5	2.8
6/19/2020 2:48 PM	-0.4	1	-0.9	-0.5	2.8
6/19/2020 2:54 PM	-0.4	1	-0.9	-0.5	2.9
6/19/2020 3:00 PM	-0.4	1	-0.9	-0.5	3.6
6/19/2020 3:06 PM	-0.4	0.9	-0.9	-0.5	4.7
6/19/2020 3:12 PM	-0.4	0.9	-0.9	-0.5	4.6
6/19/2020 3:18 PM	-0.4	0.8	-0.9	-0.5	4.5
6/19/2020 3:24 PM	-0.4	0.7	-0.9	-0.5	4.5
6/19/2020 3:30 PM	-0.4	0.6	-0.9	-0.5	4.5
6/19/2020 3:36 PM	-0.4	0.6	-0.9	-0.5	4.5
6/19/2020 3:42 PM	-0.4	0.6	-0.9	-0.5	4.5
6/19/2020 3:48 PM	-0.4	0.6	-0.9	-0.5	4.4
6/19/2020 3:54 PM	-0.5	0.6	-0.9	-0.5	4.5
6/19/2020 4:00 PM	-0.5	0.6	-0.9	-0.5	4.6
6/19/2020 4:06 PM	-0.5	0.6	-0.9	-0.5	6.6
6/19/2020 4:12 PM	-0.5	0.6	-0.9	-0.5	8
6/19/2020 4:18 PM	-0.5	0.8	-0.9	-0.5	7.5
6/19/2020 4:24 PM	-0.5	1	-0.9	-0.5	7.2
6/19/2020 4:30 PM	-0.5	1.3	-0.9	-0.5	7.2
6/19/2020 4:36 PM	-0.5	1.3	-1	-0.5	7.2
6/19/2020 4:42 PM	-0.5	1.4	-1	-0.5	7.2
6/19/2020 4:48 PM	-0.5	1.6	-1	-0.5	7.2
6/19/2020 4:54 PM	-0.5	1.7	-1	-0.5	6.9
6/19/2020 5:00 PM	-0.5	1.5	-1	-0.5	6.9
6/19/2020 5:06 PM	-0.5	1.4	-1	-0.5	6.9
6/19/2020 5:12 PM	-0.5	1.2	-1	-0.5	7
6/19/2020 5:18 PM	-0.5	1.3	-1	-0.5	7.1
6/19/2020 5:24 PM	-0.5	1.5	-1	-0.5	7.1
6/19/2020 5:30 PM	-0.5	1.7	-1	-0.5	7.2
6/19/2020 5:36 PM	-0.5	1.9	-1	-0.5	7.3
6/19/2020 5:42 PM	-0.5	2	-1	-0.5	7.5
6/19/2020 5:48 PM	-0.5	2.1	-1	-0.5	7.6
6/19/2020 5:54 PM	-0.5	2.2	-1	-0.5	7.6

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 6:00 PM	-0.5	2.3	-1	-0.5	7.6
6/19/2020 6:06 PM	-0.5	2.3	-1	-0.5	7.6
6/19/2020 6:12 PM	-0.5	2.3	-1	-0.5	7.5
6/19/2020 6:18 PM	-0.5	2.4	-1	-0.5	7.5
6/19/2020 6:24 PM	-0.5	2.4	-1	-0.5	7.8
6/19/2020 6:30 PM	-0.5	2.4	-1	-0.5	7.8
6/19/2020 6:36 PM	-0.5	2.4	-1	-0.5	7.6
6/19/2020 6:42 PM	-0.5	2.4	-1	-0.5	7.7
6/19/2020 6:48 PM	-0.5	2.4	-1	-0.5	7.9
6/19/2020 6:54 PM	-0.5	2.4	-1	-0.5	7.7
6/19/2020 7:00 PM	-0.5	2.4	-1	-0.5	7.5
6/19/2020 7:06 PM	-0.5	2.4	-1	-0.5	7.4
6/19/2020 7:12 PM	-0.5	2.5	-1	-0.5	7.4
6/19/2020 7:18 PM	-0.5	2.5	-1	-0.5	7.3
6/19/2020 7:24 PM	-0.5	2.5	-1	-0.5	7.2
6/19/2020 7:30 PM	-0.5	2.5	-1	-0.5	7.2
6/19/2020 7:36 PM	-0.5	2.5	-1	-0.5	7.1
6/19/2020 7:42 PM	-0.5	2.5	-1	-0.5	7
6/19/2020 7:48 PM	-0.5	2.5	-1	-0.5	6.9
6/19/2020 7:54 PM	-0.5	2.4	-1	-0.5	7.1
6/19/2020 8:00 PM	-0.5	2.4	-1	-0.5	7.2
6/19/2020 8:06 PM	-0.5	2.4	-1	-0.5	7.3
6/19/2020 8:12 PM	-0.5	2.4	-1	-0.5	7.2
6/19/2020 8:18 PM	-0.5	2.4	-1	-0.5	7.1
6/19/2020 8:24 PM	-0.5	2.4	-1	-0.5	7.1
6/19/2020 8:30 PM	-0.5	2.4	-1	-0.5	7.2
6/19/2020 8:36 PM	-0.5	2.3	-1	-0.5	7.2
6/19/2020 8:42 PM	-0.5	2.3	-1	-0.5	7.1
6/19/2020 8:48 PM	-0.5	2.3	-1	-0.5	7.3
6/19/2020 8:54 PM	-0.5	2.3	-1	-0.5	7.5
6/19/2020 9:00 PM	-0.5	2.2	-1	-0.5	7.5
6/19/2020 9:06 PM	-0.5	2.2	-1	-0.5	7.7
6/19/2020 9:12 PM	-0.5	2.2	-1	-0.5	7.4
6/19/2020 9:18 PM	-0.6	2.2	-1	-0.5	7.2
6/19/2020 9:24 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 9:30 PM	-0.6	2.2	-1	-0.5	7.5
6/19/2020 9:36 PM	-0.6	2.2	-1	-0.5	7.5
6/19/2020 9:42 PM	-0.6	2.2	-1	-0.5	7.4
6/19/2020 9:48 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 9:54 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 10:00 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 10:06 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 10:12 PM	-0.6	2.2	-1	-0.5	7.3
6/19/2020 10:18 PM	-0.6	2.2	-1	-0.5	7.4

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/19/2020 10:24 PM	-0.6	2.1	-1	-0.5	7.6
6/19/2020 10:30 PM	-0.6	2.1	-1	-0.5	7.4
6/19/2020 10:36 PM	-0.6	2.1	-1	-0.5	7.5
6/19/2020 10:42 PM	-0.6	2.1	-1	-0.5	7.6
6/19/2020 10:48 PM	-0.6	2.1	-1	-0.5	7.8
6/19/2020 10:54 PM	-0.6	2.1	-1	-0.5	8
6/19/2020 11:00 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:06 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:12 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:18 PM	-0.6	2.1	-1	-0.5	8
6/19/2020 11:24 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:30 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:36 PM	-0.6	2.1	-1	-0.5	7.9
6/19/2020 11:42 PM	-0.6	2.1	-1	-0.5	8.1
6/19/2020 11:48 PM	-0.6	2.1	-1	-0.5	8.1
6/19/2020 11:54 PM	-0.6	2.1	-1	-0.5	8
6/20/2020 12:00 AM	-0.6	2.1	-1	-0.4	8
6/20/2020 12:06 AM	-0.6	2.1	-1	-0.5	8.2
6/20/2020 12:12 AM	-0.6	2.1	-1	-0.5	8.1
6/20/2020 12:18 AM	-0.6	2.1	-1	-0.5	8.2
6/20/2020 12:24 AM	-0.6	2	-1	-0.5	7.4
6/20/2020 12:30 AM	-0.6	2	18.9	-0.5	3.7
6/20/2020 12:36 AM	-0.6	2	23	-0.5	0.6
6/20/2020 12:42 AM	-0.6	2	5	-0.5	0
6/20/2020 12:48 AM	-0.6	1.9	4.2	-0.5	0
6/20/2020 12:54 AM	-0.6	1.9	3.6	-0.5	0.1
6/20/2020 1:00 AM	-0.6	1.8	2.9	-0.5	0
6/20/2020 1:06 AM	-0.6	1.8	2.7	-0.5	0
6/20/2020 1:12 AM	-0.6	1.8	2.6	-0.5	0
6/20/2020 1:18 AM	-0.6	1.7	2.7	-0.5	0
6/20/2020 1:24 AM	-0.6	1.7	2.8	-0.5	0
6/20/2020 1:30 AM	-0.6	1.6	3	-0.5	0
6/20/2020 1:36 AM	-0.6	1.6	3.2	-0.5	0
6/20/2020 1:42 AM	-0.6	1.5	3.2	-0.5	0
6/20/2020 1:48 AM	-0.6	1.5	3.2	-0.5	0.1
6/20/2020 1:54 AM	-0.6	1.4	3.3	-0.5	0.1
6/20/2020 2:00 AM	-0.6	1.3	3.3	-0.5	0.1
6/20/2020 2:06 AM	-0.6	1.3	3.3	-0.5	0.1
6/20/2020 2:12 AM	-0.6	1.3	3.3	-0.5	0.1
6/20/2020 2:18 AM	-0.6	1.2	3.3	-0.5	0.1
6/20/2020 2:24 AM	-0.6	1.2	3.2	-0.5	0
6/20/2020 2:30 AM	-0.6	1.2	3	-0.5	0
6/20/2020 2:36 AM	-0.6	1.1	2.9	-0.5	0
6/20/2020 2:42 AM	-0.6	1.1	2.8	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/20/2020 2:48 AM	-0.6	1.1	2.7	-0.4	0
6/20/2020 2:54 AM	-0.6	1.1	2.7	-0.4	0.1
6/20/2020 3:00 AM	-0.6	1.1	2.7	-0.4	0
6/20/2020 3:06 AM	-0.6	1.1	2.7	-0.4	0
6/20/2020 3:12 AM	-0.6	1.1	2.6	-0.4	0
6/20/2020 3:18 AM	-0.6	1.1	2.5	-0.5	0
6/20/2020 3:24 AM	-0.6	1.1	2.5	-0.5	0
6/20/2020 3:30 AM	-0.6	1	2.4	-0.4	0
6/20/2020 3:36 AM	-0.6	1	2.5	-0.4	0
6/20/2020 3:42 AM	-0.6	1	2.5	-0.4	0
6/20/2020 3:48 AM	-0.6	1	2.5	-0.4	0
6/20/2020 3:54 AM	-0.6	1	2.4	-0.4	0
6/20/2020 4:00 AM	-0.6	1	2.3	-0.4	0
6/20/2020 4:06 AM	-0.6	1	2.3	-0.4	0
6/20/2020 4:12 AM	-0.6	1	2.3	-0.4	0
6/20/2020 4:18 AM	-0.6	0.9	2.3	-0.4	0
6/20/2020 4:24 AM	-0.6	1	2.3	-0.4	0
6/20/2020 4:30 AM	-0.6	1	2.2	-0.4	0
6/20/2020 4:36 AM	-0.6	1	2.2	-0.4	0
6/20/2020 4:42 AM	-0.6	1	2.1	-0.4	0
6/20/2020 4:48 AM	-0.6	1	2	-0.4	0
6/20/2020 4:54 AM	-0.6	1.2	1.9	-0.4	0
6/20/2020 5:00 AM	-0.6	1.4	1.8	-0.4	0
6/20/2020 5:06 AM	-0.6	1.6	1.7	-0.4	0
6/20/2020 5:12 AM	-0.6	1.7	1.7	-0.4	0
6/20/2020 5:18 AM	-0.6	1.8	1.7	-0.4	0
6/20/2020 5:24 AM	-0.6	1.9	1.6	-0.4	0
6/20/2020 5:30 AM	-0.6	1.9	1.6	-0.4	0
6/20/2020 5:36 AM	-0.6	2	1.6	-0.4	0
6/20/2020 5:42 AM	-0.6	2	1.6	-0.4	0
6/20/2020 5:48 AM	-0.6	2	1.6	-0.4	0
6/20/2020 5:54 AM	-0.6	2	1.6	-0.4	0
6/20/2020 6:00 AM	-0.6	2	1.7	-0.4	0
6/20/2020 6:06 AM	-0.6	2	1.6	-0.4	0
6/20/2020 6:12 AM	-0.6	2	1.6	-0.4	0
6/20/2020 6:18 AM	-0.6	2	1.5	-0.4	0
6/20/2020 6:24 AM	-0.6	2	1.4	-0.4	0
6/20/2020 6:30 AM	-0.6	2	1.4	-0.4	0
6/20/2020 6:36 AM	-0.6	1.9	1.4	-0.4	0
6/20/2020 6:42 AM	-0.5	1.8	1.5	-0.4	0
6/20/2020 6:48 AM	-0.5	1.7	1.5	-0.4	0
6/20/2020 6:54 AM	-0.5	1.6	1.5	-0.4	0
6/20/2020 7:00 AM	-0.5	1.5	1.5	-0.4	0
6/20/2020 7:06 AM	-0.5	1.4	1.5	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/20/2020 7:12 AM	-0.5	1.3	1.5	-0.4	0
6/20/2020 7:18 AM	-0.5	1.3	1.5	-0.4	0
6/20/2020 7:24 AM	-0.5	1.3	1.5	-0.4	0
6/20/2020 7:30 AM	-0.5	1.3	1.7	-0.4	0
6/20/2020 7:36 AM	-0.5	1.2	1.8	-0.4	0
6/20/2020 7:42 AM	-0.5	1.1	1.8	-0.4	0
6/20/2020 7:48 AM	-0.5	0.8	1.9	-0.4	0
6/20/2020 7:54 AM	-0.5	0.5	2.1	-0.4	0
6/20/2020 8:00 AM	-0.5	0.2	2.2	-0.4	0
6/20/2020 8:06 AM	-0.5	0	2.3	-0.4	0
6/20/2020 8:12 AM	-0.5	-0.1	2.3	-0.4	0
6/20/2020 8:18 AM	-0.5	-0.1	2.3	-0.4	0
6/20/2020 8:24 AM	-0.5	-0.2	2.6	-0.4	0
6/20/2020 8:30 AM	-0.5	-0.2	2.7	-0.4	0
6/20/2020 8:36 AM	-0.5	7.6	2.7	-0.4	0
6/20/2020 8:42 AM	-0.5	14.5	2.3	-0.4	0
6/20/2020 8:48 AM	-0.5	9.3	1.9	-0.4	0
6/20/2020 8:54 AM	-0.4	7	1.8	-0.4	0
6/20/2020 9:00 AM	-0.4	5.5	1.8	-0.4	0
6/20/2020 9:06 AM	-0.4	3.5	1.8	-0.4	0
6/20/2020 9:12 AM	-0.4	2.7	1.9	-0.4	0
6/20/2020 9:18 AM	-0.4	2.6	1.9	-0.4	0
6/20/2020 9:24 AM	-0.4	2.9	1.9	-0.4	0
6/20/2020 9:30 AM	-0.4	2.9	1.9	-0.4	0
6/20/2020 9:36 AM	-0.4	2.7	1.8	-0.4	0
6/20/2020 9:42 AM	-0.4	2.1	1.8	-0.4	0
6/20/2020 9:48 AM	-0.4	1.5	1.8	-0.3	0
6/20/2020 9:54 AM	-0.4	1.1	1.8	-0.3	0
6/20/2020 10:00 AM	-0.4	0.8	1.8	-0.3	0
6/20/2020 10:06 AM	-0.4	0.6	1.8	-0.3	0
6/20/2020 10:12 AM	-0.4	0.5	1.7	-0.3	0
6/20/2020 10:18 AM	-0.4	0.4	1.7	-0.3	0
6/20/2020 10:24 AM	-0.4	0.3	1.7	-0.3	0
6/20/2020 10:30 AM	-0.4	0.2	1.7	-0.3	0
6/20/2020 10:36 AM	-0.4	0.2	1.7	-0.3	0
6/20/2020 10:42 AM	-0.4	0.2	1.7	-0.3	0
6/20/2020 10:48 AM	-0.4	0.1	1.7	-0.3	0
6/20/2020 10:54 AM	-0.4	0.1	1.8	-0.3	0
6/20/2020 11:00 AM	-0.4	0	1.8	-0.3	0.1
6/20/2020 11:06 AM	-0.4	0	1.8	-0.3	0
6/20/2020 11:12 AM	-0.4	0	1.8	-0.3	0
6/20/2020 11:18 AM	-0.4	0	1.8	-0.3	0
6/20/2020 11:24 AM	-0.4	0	1.8	-0.3	0
6/20/2020 11:30 AM	-0.4	-0.1	1.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/20/2020 11:36 AM	-0.4	-0.1	1.8	-0.3	0
6/20/2020 11:42 AM	-0.4	-0.1	1.8	-0.4	0
6/20/2020 11:48 AM	-0.4	-0.1	1.8	-0.4	0
6/20/2020 11:54 AM	-0.4	-0.1	1.9	-0.3	0
6/20/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/20/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/20/2020 12:12 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 12:18 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 12:24 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 12:30 PM	-0.5	-0.1	1.8	-0.3	0
6/20/2020 12:36 PM	-0.5	-0.1	1.8	-0.3	0
6/20/2020 12:42 PM	-0.5	-0.1	1.8	-0.3	0
6/20/2020 12:48 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 12:54 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 1:00 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 1:06 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 1:12 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 1:18 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 1:24 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 1:30 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 1:36 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 1:42 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 1:48 PM	-0.5	-0.2	1.9	-0.3	0
6/20/2020 1:54 PM	-0.5	-0.1	1.9	-0.3	0
6/20/2020 2:00 PM	-0.5	-0.1	1.8	-0.3	0
6/20/2020 2:06 PM	-0.5	-0.1	1.8	-0.3	0
6/20/2020 2:12 PM	-0.5	-0.5	2.7	-0.3	0
6/20/2020 2:18 PM	-0.5	-0.7	3.2	-0.3	0
6/20/2020 2:24 PM	-0.5	-0.6	3.1	-0.3	0
6/20/2020 2:30 PM	-0.5	-0.7	3.2	-0.3	0
6/20/2020 2:36 PM	-0.5	-0.8	3.4	-0.3	0
6/20/2020 2:42 PM	-0.5	-0.9	3.5	-0.3	0
6/20/2020 2:48 PM	-0.5	-0.9	3.6	-0.3	0
6/20/2020 2:54 PM	-0.5	-0.9	3.6	-0.3	0
6/20/2020 3:00 PM	-0.5	-1	3.6	-0.3	0
6/20/2020 3:06 PM	-0.5	-1	3.6	-0.3	0
6/20/2020 3:12 PM	-0.5	-1	3.7	-0.3	0
6/20/2020 3:18 PM	-0.5	-0.9	3.7	-0.3	0
6/20/2020 3:24 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 3:30 PM	-0.6	-0.9	3.8	-0.3	0
6/20/2020 3:36 PM	-0.6	-0.9	3.8	-0.3	0
6/20/2020 3:42 PM	-0.6	-1	3.8	-0.3	0
6/20/2020 3:48 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 3:54 PM	-0.6	-0.9	3.6	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/20/2020 4:00 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:06 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:12 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:18 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:24 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:30 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:36 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:42 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:48 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 4:54 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 5:00 PM	-0.6	-0.9	3.7	-0.3	0
6/20/2020 5:06 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:12 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:18 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:24 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:30 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:36 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:42 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:48 PM	-0.6	-0.9	3.6	-0.3	0
6/20/2020 5:54 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:00 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:06 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:12 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:18 PM	-0.7	-0.9	3.5	-0.3	0
6/20/2020 6:24 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:30 PM	-0.7	-0.9	3.6	-0.3	0
6/20/2020 6:36 PM	-0.7	-0.9	3.9	-0.3	0
6/20/2020 6:42 PM	-0.7	-0.9	4.3	-0.3	0
6/20/2020 6:48 PM	-0.7	-0.9	4.2	-0.3	0
6/20/2020 6:54 PM	-0.7	-0.9	4.2	-0.3	0
6/20/2020 7:00 PM	-0.7	-0.8	4.3	-0.3	0
6/20/2020 7:06 PM	-0.7	-0.8	4.5	-0.3	0
6/20/2020 7:12 PM	-0.7	-0.8	4.7	-0.3	0
6/20/2020 7:18 PM	-0.7	-0.8	4.8	-0.3	0
6/20/2020 7:24 PM	-0.7	-0.8	4.8	-0.3	0
6/20/2020 7:30 PM	-0.7	-0.8	4.7	-0.3	0
6/20/2020 7:36 PM	-0.7	-0.8	4.8	-0.3	0
6/20/2020 7:42 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 7:48 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 7:54 PM	-0.7	-0.8	4.8	-0.3	0
6/20/2020 8:00 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 8:06 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 8:12 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 8:18 PM	-0.7	-0.8	4.9	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/20/2020 8:24 PM	-0.7	-0.8	5	-0.3	0
6/20/2020 8:30 PM	-0.7	-0.8	5.1	-0.3	0
6/20/2020 8:36 PM	-0.7	-0.8	5	-0.3	0
6/20/2020 8:42 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 8:48 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 8:54 PM	-0.7	-0.8	5	-0.3	0
6/20/2020 9:00 PM	-0.7	-0.8	5.1	-0.3	0
6/20/2020 9:06 PM	-0.7	-0.8	5.1	-0.3	0
6/20/2020 9:12 PM	-0.7	-0.8	5	-0.3	0
6/20/2020 9:18 PM	-0.7	-0.8	4.9	-0.3	0
6/20/2020 9:24 PM	-0.7	-0.8	5	-0.3	0
6/20/2020 9:30 PM	-0.7	-0.8	5	-0.2	0
6/20/2020 9:36 PM	-0.7	-0.8	4.9	-0.2	0
6/20/2020 9:42 PM	-0.7	-0.8	4.9	-0.2	0
6/20/2020 9:48 PM	-0.7	-0.8	4.9	-0.2	0
6/20/2020 9:54 PM	-0.7	-0.8	4.9	-0.2	0
6/20/2020 10:00 PM	-0.7	-0.8	4.9	-0.2	0
6/20/2020 10:06 PM	-0.7	-0.8	4.8	-0.2	0
6/20/2020 10:12 PM	-0.7	-0.8	4.8	-0.2	0
6/20/2020 10:18 PM	-0.7	-0.8	4.8	-0.2	0
6/20/2020 10:24 PM	-0.7	-0.7	4.7	-0.2	0
6/20/2020 10:30 PM	-0.7	-0.8	4.5	-0.2	0
6/20/2020 10:36 PM	-0.7	-0.8	4	-0.2	0
6/20/2020 10:42 PM	-0.7	13	3.6	-0.2	0
6/20/2020 10:48 PM	-0.7	16.2	3.1	-0.2	0
6/20/2020 10:54 PM	-0.7	6.3	2.5	-0.2	0
6/20/2020 11:00 PM	-0.7	3.6	2	-0.2	0
6/20/2020 11:06 PM	-0.7	2.7	1	-0.3	0
6/20/2020 11:12 PM	-0.7	2.3	0.1	-0.3	0
6/20/2020 11:18 PM	-0.7	2	0	-0.3	0
6/20/2020 11:24 PM	-0.7	2.1	-0.1	-0.3	0
6/20/2020 11:30 PM	-0.7	2.2	-0.2	-0.2	0
6/20/2020 11:36 PM	-0.7	2.3	-0.3	-0.2	0
6/20/2020 11:42 PM	-0.7	2.5	-0.3	-0.2	0
6/20/2020 11:48 PM	-0.7	2.5	-0.3	-0.2	0
6/20/2020 11:54 PM	-0.7	2.4	-0.4	-0.2	0
6/21/2020 12:00 AM	-0.7	2.2	-0.4	-0.2	0
6/21/2020 12:06 AM	-0.7	1.9	-0.4	-0.2	0
6/21/2020 12:12 AM	-0.7	1.8	-0.4	-0.2	0
6/21/2020 12:18 AM	-0.7	1.7	-0.4	-0.2	0
6/21/2020 12:24 AM	-0.7	1.6	-0.4	-0.2	0
6/21/2020 12:30 AM	-0.7	1.5	-0.4	-0.2	0
6/21/2020 12:36 AM	-0.7	1.4	-0.4	-0.2	0
6/21/2020 12:42 AM	-0.7	1.4	-0.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 12:48 AM	-0.7	1.4	-0.4	-0.2	0
6/21/2020 12:54 AM	-0.7	1.4	-0.4	-0.2	0
6/21/2020 1:00 AM	-0.7	1.5	-0.4	-0.2	0
6/21/2020 1:06 AM	-0.7	1.5	-0.4	-0.2	0
6/21/2020 1:12 AM	-0.7	1.5	-0.4	-0.2	0
6/21/2020 1:18 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 1:24 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 1:30 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 1:36 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 1:42 AM	-0.7	1.6	-0.5	-0.2	0
6/21/2020 1:48 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 1:54 AM	-0.7	1.5	-0.4	-0.2	0
6/21/2020 2:00 AM	-0.7	1.4	-0.5	-0.2	0
6/21/2020 2:06 AM	-0.7	1.4	-0.5	-0.2	0
6/21/2020 2:12 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 2:18 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 2:24 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 2:30 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 2:36 AM	-0.7	1.5	-0.5	-0.2	0
6/21/2020 2:42 AM	-0.7	1.4	-0.5	-0.2	0
6/21/2020 2:48 AM	-0.7	1.4	-0.5	-0.2	0
6/21/2020 2:54 AM	-0.7	1.4	-0.6	-0.2	0
6/21/2020 3:00 AM	-0.7	1.3	-0.5	-0.2	0
6/21/2020 3:06 AM	-0.7	1.3	-0.5	-0.2	0
6/21/2020 3:12 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:18 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:24 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:30 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:36 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:42 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:48 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 3:54 AM	-0.7	1.3	-0.6	-0.2	0
6/21/2020 4:00 AM	-0.7	0.7	-0.6	-0.2	0
6/21/2020 4:06 AM	-0.7	0	-0.7	-0.2	0
6/21/2020 4:12 AM	-0.7	-0.1	-0.6	-0.2	0
6/21/2020 4:18 AM	-0.7	-0.1	-0.6	-0.2	0
6/21/2020 4:24 AM	-0.7	-0.1	-0.6	-0.2	0
6/21/2020 4:30 AM	-0.7	-0.1	-0.7	-0.2	0
6/21/2020 4:36 AM	-0.7	-0.2	-0.7	-0.2	0
6/21/2020 4:42 AM	-0.7	-0.1	-0.7	-0.2	0
6/21/2020 4:48 AM	-0.7	-0.1	-0.7	-0.2	0
6/21/2020 4:54 AM	-0.7	-0.1	-0.8	-0.2	0
6/21/2020 5:00 AM	-0.7	-0.1	-0.8	-0.2	0
6/21/2020 5:06 AM	-0.7	-0.1	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 5:12 AM	-0.7	-0.1	-0.8	-0.2	0
6/21/2020 5:18 AM	-0.7	0	-0.9	-0.2	0
6/21/2020 5:24 AM	-0.7	0.1	-0.9	-0.2	0
6/21/2020 5:30 AM	-0.7	0.1	-0.9	-0.2	0
6/21/2020 5:36 AM	-0.7	0.1	-0.9	-0.2	0
6/21/2020 5:42 AM	-0.7	0.1	-0.9	-0.2	0
6/21/2020 5:48 AM	-0.7	0	-0.9	-0.2	0
6/21/2020 5:54 AM	-0.7	0	-0.9	-0.2	0
6/21/2020 6:00 AM	-0.7	0	-0.9	-0.2	0
6/21/2020 6:06 AM	-0.7	0	-0.9	-0.3	0
6/21/2020 6:12 AM	-0.7	-0.1	-0.9	-0.3	0
6/21/2020 6:18 AM	-0.7	-0.1	-0.8	-0.3	0
6/21/2020 6:24 AM	-0.7	-0.1	-0.8	-0.3	0
6/21/2020 6:30 AM	-0.7	-0.1	-0.8	-0.3	0
6/21/2020 6:36 AM	-0.7	-0.1	-0.8	-0.3	0
6/21/2020 6:42 AM	-0.7	-0.1	-0.8	-0.3	0
6/21/2020 6:48 AM	-0.7	-0.1	-0.7	-0.3	0
6/21/2020 6:54 AM	-0.7	0	-0.7	-0.3	0
6/21/2020 7:00 AM	-0.7	0.3	-0.7	-0.3	0
6/21/2020 7:06 AM	-0.7	0.2	-0.8	-0.3	0
6/21/2020 7:12 AM	-0.7	0.1	-0.9	-0.3	0
6/21/2020 7:18 AM	-0.7	0.1	-0.9	-0.3	0
6/21/2020 7:24 AM	-0.7	0.1	-0.9	-0.3	0
6/21/2020 7:30 AM	-0.7	0.1	-0.9	-0.3	0
6/21/2020 7:36 AM	-0.7	0	-0.9	-0.3	0
6/21/2020 7:42 AM	-0.7	0	-0.9	-0.3	0
6/21/2020 7:48 AM	-0.7	0	-0.9	-0.3	0
6/21/2020 7:54 AM	-0.7	0	-0.9	-0.3	0
6/21/2020 8:00 AM	-0.7	0	-0.8	-0.3	0
6/21/2020 8:06 AM	-0.6	0	-0.8	-0.3	0
6/21/2020 8:12 AM	-0.6	0	-0.8	-0.3	0
6/21/2020 8:18 AM	-0.6	0.1	-0.8	-0.3	0
6/21/2020 8:24 AM	-0.6	0.3	-0.8	-0.3	0
6/21/2020 8:30 AM	-0.6	0.4	-0.8	-0.3	0
6/21/2020 8:36 AM	-0.6	0.3	-0.8	-0.3	0
6/21/2020 8:42 AM	-0.6	0.3	-0.8	-0.3	0
6/21/2020 8:48 AM	-0.6	0.3	-0.8	-0.3	0
6/21/2020 8:54 AM	-0.6	0.3	-0.7	-0.3	0
6/21/2020 9:00 AM	-0.6	0.6	-0.7	-0.3	0
6/21/2020 9:06 AM	-0.6	1.2	-0.6	-0.3	0
6/21/2020 9:12 AM	-0.6	1.2	-0.6	-0.3	0
6/21/2020 9:18 AM	-0.6	1.1	-0.6	-0.3	0
6/21/2020 9:24 AM	-0.6	1.1	-0.6	-0.3	0
6/21/2020 9:30 AM	-0.5	1	-0.7	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 9:36 AM	-0.5	1	-0.7	-0.3	0
6/21/2020 9:42 AM	-0.5	1	-0.7	-0.3	0
6/21/2020 9:48 AM	-0.5	1	-0.7	-0.2	0
6/21/2020 9:54 AM	-0.5	1	-0.7	-0.2	0
6/21/2020 10:00 AM	-0.5	1	-0.7	-0.2	0
6/21/2020 10:06 AM	-0.5	1	-0.7	-0.2	0
6/21/2020 10:12 AM	-0.5	1.1	-0.7	-0.2	0
6/21/2020 10:18 AM	-0.5	1.1	-0.7	-0.2	0
6/21/2020 10:24 AM	-0.5	1.1	-0.8	-0.2	0
6/21/2020 10:30 AM	-0.5	1.1	-0.7	-0.2	0
6/21/2020 10:36 AM	-0.6	1.1	-0.8	-0.2	0.1
6/21/2020 10:42 AM	-0.6	1.2	-0.8	-0.2	0.1
6/21/2020 10:48 AM	-0.6	1.2	-0.8	-0.2	0.1
6/21/2020 10:54 AM	-0.6	1.2	-0.7	-0.2	8
6/21/2020 11:00 AM	-0.6	0.6	-0.8	-0.2	16.8
6/21/2020 11:06 AM	-0.6	-0.2	-0.8	-0.2	11.5
6/21/2020 11:12 AM	-0.6	-0.2	-0.8	-0.2	7.3
6/21/2020 11:18 AM	-0.6	0.2	-0.8	-0.2	6.8
6/21/2020 11:24 AM	-0.6	0.3	-0.8	-0.2	6.9
6/21/2020 11:30 AM	-0.6	0.3	-0.8	-0.2	7
6/21/2020 11:36 AM	-0.6	0.3	-0.8	-0.2	6.7
6/21/2020 11:42 AM	-0.6	0.2	-0.8	-0.2	5.9
6/21/2020 11:48 AM	-0.6	0.2	-0.8	-0.2	5.1
6/21/2020 11:54 AM	-0.6	0.1	-0.8	-0.2	4.5
6/21/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/21/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/21/2020 12:12 PM	-0.5	0.2	-0.8	-0.3	3.3
6/21/2020 12:18 PM	-0.5	0.3	-0.8	-0.3	3
6/21/2020 12:24 PM	-0.5	0.3	-0.8	-0.3	2.7
6/21/2020 12:30 PM	-0.5	0.3	-0.9	-0.3	2.7
6/21/2020 12:36 PM	-0.5	0.3	-0.9	-0.3	2.7
6/21/2020 12:42 PM	-0.5	0.3	-0.9	-0.2	2.7
6/21/2020 12:48 PM	-0.5	0.3	-0.9	-0.3	2.7
6/21/2020 12:54 PM	-0.5	0.2	-0.8	-0.3	2.7
6/21/2020 1:00 PM	-0.5	0.2	-0.8	-0.3	2.7
6/21/2020 1:06 PM	-0.5	0.2	-0.8	-0.3	2.7
6/21/2020 1:12 PM	-0.5	0.1	-0.8	-0.3	2.7
6/21/2020 1:18 PM	-0.5	0.1	-0.8	-0.2	2.6
6/21/2020 1:24 PM	-0.5	0.1	-0.8	-0.2	2.6
6/21/2020 1:30 PM	-0.5	0.1	-0.8	-0.2	2.6
6/21/2020 1:36 PM	-0.5	0.1	-0.8	-0.2	2.6
6/21/2020 1:42 PM	-0.5	0	-0.8	-0.2	2.5
6/21/2020 1:48 PM	-0.4	0	-0.8	-0.2	2.6
6/21/2020 1:54 PM	-0.4	0	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 2:00 PM	-0.4	0	-0.9	-0.2	2.7
6/21/2020 2:06 PM	-0.4	0.1	-0.9	-0.2	2.7
6/21/2020 2:12 PM	-0.4	0.1	-0.9	-0.2	2.7
6/21/2020 2:18 PM	-0.4	0.1	-0.9	-0.2	2.7
6/21/2020 2:24 PM	-0.4	0.1	-0.9	-0.2	2.8
6/21/2020 2:30 PM	-0.4	0.1	-0.9	-0.2	2.7
6/21/2020 2:36 PM	-0.5	0.1	-0.9	-0.2	2.7
6/21/2020 2:42 PM	-0.5	0	-0.9	-0.2	2.7
6/21/2020 2:48 PM	-0.5	0	-0.9	-0.2	2.7
6/21/2020 2:54 PM	-0.5	0	-0.9	-0.2	2.7
6/21/2020 3:00 PM	-0.5	0	-0.9	-0.2	2.8
6/21/2020 3:06 PM	-0.5	0	-0.9	-0.2	2.8
6/21/2020 3:12 PM	-0.5	0.1	-0.9	-0.2	2.6
6/21/2020 3:18 PM	-0.5	0.2	-0.9	-0.2	2.3
6/21/2020 3:24 PM	-0.5	0.3	-0.9	-0.2	2.3
6/21/2020 3:30 PM	-0.5	0.3	-0.9	-0.2	2.3
6/21/2020 3:36 PM	-0.5	0.3	-0.9	-0.2	2.3
6/21/2020 3:42 PM	-0.5	0.3	-0.9	-0.2	2.4
6/21/2020 3:48 PM	-0.5	0.3	-0.9	-0.2	2.4
6/21/2020 3:54 PM	-0.6	0.3	-0.9	-0.2	2.5
6/21/2020 4:00 PM	-0.6	0.3	-0.9	-0.2	2.6
6/21/2020 4:06 PM	-0.6	0.3	-0.9	-0.2	2.5
6/21/2020 4:12 PM	-0.6	0.3	-0.9	-0.2	2.5
6/21/2020 4:18 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 4:24 PM	-0.6	0.3	-1	-0.2	2.5
6/21/2020 4:30 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 4:36 PM	-0.6	0.2	-1	-0.2	2.4
6/21/2020 4:42 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 4:48 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 4:54 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 5:00 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 5:06 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 5:12 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 5:18 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 5:24 PM	-0.6	0.2	-0.9	-0.2	2.7
6/21/2020 5:30 PM	-0.6	0.2	-0.9	-0.2	2.7
6/21/2020 5:36 PM	-0.6	0.2	-1	-0.2	2.6
6/21/2020 5:42 PM	-0.6	0.2	-1	-0.2	2.7
6/21/2020 5:48 PM	-0.6	0.2	-0.9	-0.2	2.7
6/21/2020 5:54 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:00 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:06 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:12 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:18 PM	-0.6	0.2	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 6:24 PM	-0.6	0.2	-0.9	-0.2	2.5
6/21/2020 6:30 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:36 PM	-0.6	0.2	-0.9	-0.2	2.6
6/21/2020 6:42 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 6:48 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 6:54 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 7:00 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:06 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:12 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:18 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:24 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 7:30 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:36 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 7:42 PM	-0.6	0.1	-1	-0.2	2.4
6/21/2020 7:48 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 7:54 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 8:00 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 8:06 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 8:12 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 8:18 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 8:24 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 8:30 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 8:36 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 8:42 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 8:48 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 8:54 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 9:00 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 9:06 PM	-0.6	0.1	-1	-0.2	2.5
6/21/2020 9:12 PM	-0.6	0	-1	-0.2	2.6
6/21/2020 9:18 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 9:24 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 9:30 PM	-0.6	0.2	-1	-0.2	2.5
6/21/2020 9:36 PM	-0.6	0.2	-1	-0.2	2.6
6/21/2020 9:42 PM	-0.6	0.2	-1	-0.2	2.6
6/21/2020 9:48 PM	-0.6	0.1	-1	-0.2	2.7
6/21/2020 9:54 PM	-0.6	0.1	-1	-0.2	2.7
6/21/2020 10:00 PM	-0.6	0.1	-1	-0.2	2.6
6/21/2020 10:06 PM	-0.7	0.1	-1	-0.2	2.5
6/21/2020 10:12 PM	-0.7	0.1	-1	-0.2	2.5
6/21/2020 10:18 PM	-0.7	0.1	-1	-0.2	2.6
6/21/2020 10:24 PM	-0.7	0.1	-1	-0.2	2.7
6/21/2020 10:30 PM	-0.7	0.1	-1	-0.2	2.6
6/21/2020 10:36 PM	-0.7	0.1	-1	-0.2	2.6
6/21/2020 10:42 PM	-0.7	0.1	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/21/2020 10:48 PM	-0.7	0.1	-1	-0.2	2.5
6/21/2020 10:54 PM	-0.7	0.2	-1	-0.2	2.5
6/21/2020 11:00 PM	-0.7	0.2	-1	-0.2	2.5
6/21/2020 11:06 PM	-0.7	0.2	-1	-0.2	2.6
6/21/2020 11:12 PM	-0.7	0.2	-1	-0.2	2.6
6/21/2020 11:18 PM	-0.7	0.2	-1	-0.2	2.6
6/21/2020 11:24 PM	-0.7	0.2	-1	-0.2	2.7
6/21/2020 11:30 PM	-0.7	0.1	-1	-0.2	2.7
6/21/2020 11:36 PM	-0.7	0.1	-1	-0.2	2.7
6/21/2020 11:42 PM	-0.7	0.1	-1	-0.2	2.6
6/21/2020 11:48 PM	-0.7	0.5	-1	-0.2	1.3
6/21/2020 11:54 PM	-0.7	0.6	-1	-0.2	0
6/22/2020 12:00 AM	-0.7	0.4	-1	-0.2	0
6/22/2020 12:06 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:12 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:18 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:24 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:30 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:36 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:42 AM	-0.7	0.3	-1	-0.2	0
6/22/2020 12:48 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 12:54 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:00 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:06 AM	-0.7	0.2	-1	-0.2	0.1
6/22/2020 1:12 AM	-0.7	0.2	-1	-0.2	0.1
6/22/2020 1:18 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:24 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:30 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:36 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:42 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:48 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 1:54 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:00 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:06 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:12 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:18 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:24 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:30 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:36 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:42 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:48 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 2:54 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 3:00 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 3:06 AM	-0.7	0.2	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/22/2020 3:12 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 3:18 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 3:24 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 3:30 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 3:36 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 3:42 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 3:48 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 3:54 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:00 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:06 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:12 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 4:18 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:24 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:30 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:36 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:42 AM	-0.7	0.1	-1	-0.2	0
6/22/2020 4:48 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 4:54 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 5:00 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 5:06 AM	-0.7	0.2	-1	-0.2	0
6/22/2020 5:12 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:18 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:24 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:30 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:36 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:42 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:48 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 5:54 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 6:00 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 6:06 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 6:12 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 6:18 AM	-0.7	0.2	-1.1	-0.2	0
6/22/2020 6:24 AM	-0.7	0.1	-1.1	-0.2	0
6/22/2020 6:30 AM	-0.7	0.1	-1.1	-0.3	0
6/22/2020 6:36 AM	-0.7	0.2	-1.1	-0.3	0
6/22/2020 6:42 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 6:48 AM	-0.7	0.4	-1.1	-0.3	0
6/22/2020 6:54 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 7:00 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 7:06 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 7:12 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 7:18 AM	-0.7	0.3	-1.1	-0.3	0
6/22/2020 7:24 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 7:30 AM	-0.6	0.3	-1.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/22/2020 7:36 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 7:42 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 7:48 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 7:54 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 8:00 AM	-0.6	0.3	-1.1	-0.3	0
6/22/2020 8:06 AM	-0.6	0.8	-1.1	-0.3	0
6/22/2020 8:12 AM	-0.5	1	-1	-0.3	0
6/22/2020 8:18 AM	-0.5	0.8	-1	-0.3	0
6/22/2020 8:24 AM	-0.5	0.8	-1	-0.3	0
6/22/2020 8:30 AM	-0.5	0.7	-1	-0.3	0
6/22/2020 8:36 AM	-0.5	0.7	-1	-0.3	5.1
6/22/2020 8:42 AM	-0.5	0.3	-1	-0.3	10.1
6/22/2020 8:48 AM	-0.5	0	-1	-0.3	8.8
6/22/2020 8:54 AM	-0.5	0.1	-0.9	-0.3	7.8
6/22/2020 9:00 AM	-0.5	0.2	-0.9	-0.3	7.2
6/22/2020 9:06 AM	-0.5	0.2	-0.9	-0.3	6.8
6/22/2020 9:12 AM	-0.5	0.2	-0.8	-0.3	6
6/22/2020 9:18 AM	-0.4	0.2	-0.8	-0.3	5.1
6/22/2020 9:24 AM	-0.4	0.1	-0.8	-0.3	4.5
6/22/2020 9:30 AM	-0.4	0.1	-0.8	-0.3	4.1
6/22/2020 9:36 AM	-0.4	0.1	-0.8	-0.3	3.8
6/22/2020 9:42 AM	-0.4	0	-0.8	-0.3	3.6
6/22/2020 9:48 AM	-0.4	0	-0.8	-0.3	3.5
6/22/2020 9:54 AM	-0.4	0	-0.8	-0.3	3.6
6/22/2020 10:00 AM	-0.4	0	-0.8	-0.2	3.6
6/22/2020 10:06 AM	-0.4	0.1	-0.8	-0.2	3.4
6/22/2020 10:12 AM	-0.4	0.2	-0.8	-0.2	3.3
6/22/2020 10:18 AM	-0.4	0.2	-0.8	-0.2	3.2
6/22/2020 10:24 AM	-0.4	0.2	-0.8	-0.2	3.2
6/22/2020 10:30 AM	-0.4	0.2	-0.8	-0.2	3.3
6/22/2020 10:36 AM	-0.4	0.2	-0.8	-0.2	3.3
6/22/2020 10:42 AM	-0.5	0.2	-0.8	-0.2	3.3
6/22/2020 10:48 AM	-0.5	0.2	-0.8	-0.2	3.3
6/22/2020 10:54 AM	-0.5	0.2	-0.8	-0.2	3.3
6/22/2020 11:00 AM	-0.5	0.2	-0.8	-0.2	3.2
6/22/2020 11:06 AM	-0.5	0.2	-0.8	-0.2	3.1
6/22/2020 11:12 AM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 11:18 AM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 11:24 AM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 11:30 AM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 11:36 AM	-0.5	0.1	-0.8	-0.2	3.1
6/22/2020 11:42 AM	-0.5	0.1	-0.8	-0.2	3.1
6/22/2020 11:48 AM	-0.5	0.1	-0.8	-0.2	3.1
6/22/2020 11:54 AM	-0.5	0.1	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/22/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/22/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/22/2020 12:12 PM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 12:18 PM	-0.5	0.1	-0.8	-0.2	3.2
6/22/2020 12:24 PM	-0.5	0.1	-0.9	-0.2	3.2
6/22/2020 12:30 PM	-0.5	0.2	-0.9	-0.2	3.2
6/22/2020 12:36 PM	-0.5	0.2	-0.9	-0.2	3.4
6/22/2020 12:42 PM	-0.5	0.3	-0.9	-0.2	3.5
6/22/2020 12:48 PM	-0.5	0.3	-0.9	-0.2	3.5
6/22/2020 12:54 PM	-0.5	0.3	-0.9	-0.2	3.6
6/22/2020 1:00 PM	-0.6	0.2	-0.9	-0.2	3.5
6/22/2020 1:06 PM	-0.6	0.2	-0.9	-0.2	3.6
6/22/2020 1:12 PM	-0.6	0.2	-0.9	-0.2	3.7
6/22/2020 1:18 PM	-0.6	0.2	-0.9	-0.2	3.7
6/22/2020 1:24 PM	-0.6	0.2	-0.9	-0.2	3.6
6/22/2020 1:30 PM	-0.6	0.2	-0.9	-0.2	3.5
6/22/2020 1:36 PM	-0.6	0.2	-0.9	-0.2	3.4
6/22/2020 1:42 PM	-0.6	0.2	-0.9	-0.2	3.2
6/22/2020 1:48 PM	-0.6	0.2	-0.9	-0.2	3
6/22/2020 1:54 PM	-0.6	0.2	-0.9	-0.2	3
6/22/2020 2:00 PM	-0.6	0.2	-0.9	-0.2	3
6/22/2020 2:06 PM	-0.6	0.2	-0.9	-0.2	3
6/22/2020 2:12 PM	-0.6	0.2	-0.9	-0.2	2.9
6/22/2020 2:18 PM	-0.6	0.2	-0.9	-0.1	2.9
6/22/2020 2:24 PM	-0.6	0.2	-1	-0.1	3
6/22/2020 2:30 PM	-0.6	0.2	-1	-0.2	2.9
6/22/2020 2:36 PM	-0.6	0.2	-1	-0.2	2.9
6/22/2020 2:42 PM	-0.6	0.2	-1	-0.2	3
6/22/2020 2:48 PM	-0.6	0.2	-1	-0.2	2.9
6/22/2020 2:54 PM	-0.6	0.2	-0.9	-0.2	2.8
6/22/2020 3:00 PM	-0.6	0.2	-0.9	-0.2	2.9
6/22/2020 3:06 PM	-0.6	0.2	-0.9	-0.2	2.9
6/22/2020 3:12 PM	-0.6	0.2	-0.9	-0.2	2.9
6/22/2020 3:18 PM	-0.5	0.2	-0.9	-0.2	2.9
6/22/2020 3:24 PM	-0.5	0.2	-0.9	-0.2	2.9
6/22/2020 3:30 PM	-0.5	0.1	-0.9	-0.2	2.9
6/22/2020 3:36 PM	-0.5	0.2	-0.9	-0.2	3
6/22/2020 3:42 PM	-0.5	0.2	-0.9	-0.2	3
6/22/2020 3:48 PM	-0.6	0.1	-1	-0.2	3
6/22/2020 3:54 PM	-0.6	0.1	-1	-0.2	3.1
6/22/2020 4:00 PM	-0.6	0.2	-1	-0.2	3.1
6/22/2020 4:06 PM	-0.6	0.2	-1	-0.2	3
6/22/2020 4:12 PM	-0.6	0.1	-1	-0.2	2.9
6/22/2020 4:18 PM	-0.6	0.2	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/22/2020 4:24 PM	-0.6	0.1	-1	-0.2	2.8
6/22/2020 4:30 PM	-0.6	0.1	-1	-0.2	2.9
6/22/2020 4:36 PM	-0.6	0.1	-1	-0.2	2.8
6/22/2020 4:42 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 4:48 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 4:54 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 5:00 PM	-0.6	0	-1	-0.2	2.6
6/22/2020 5:06 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 5:12 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 5:18 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 5:24 PM	-0.6	0.1	-1	-0.2	2.5
6/22/2020 5:30 PM	-0.6	0.2	-1	-0.2	2.5
6/22/2020 5:36 PM	-0.6	0.1	-1	-0.2	2.5
6/22/2020 5:42 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 5:48 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 5:54 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:00 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:06 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:12 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:18 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:24 PM	-0.6	0.2	-0.9	-0.2	2.6
6/22/2020 6:30 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:36 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:42 PM	-0.6	0.2	-0.9	-0.2	2.5
6/22/2020 6:48 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 6:54 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 7:00 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 7:06 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 7:12 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 7:18 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 7:24 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 7:30 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 7:36 PM	-0.6	0.2	-1	-0.2	2.5
6/22/2020 7:42 PM	-0.6	0.2	-1	-0.2	2.5
6/22/2020 7:48 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 7:54 PM	-0.6	0.2	-1	-0.2	2.6
6/22/2020 8:00 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 8:06 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 8:12 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 8:18 PM	-0.6	0.1	-1	-0.2	2.5
6/22/2020 8:24 PM	-0.6	0.1	-1	-0.2	2.5
6/22/2020 8:30 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 8:36 PM	-0.6	0.1	-1	-0.2	2.6
6/22/2020 8:42 PM	-0.6	0.1	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/22/2020 8:48 PM	-0.7	0.1	-1	-0.2	2.6
6/22/2020 8:54 PM	-0.7	0.1	-1	-0.2	2.6
6/22/2020 9:00 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 9:06 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 9:12 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 9:18 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 9:24 PM	-0.7	0.1	-1	-0.2	2.6
6/22/2020 9:30 PM	-0.7	0.2	-1	-0.2	2.6
6/22/2020 9:36 PM	-0.7	0.1	-1	-0.2	2.6
6/22/2020 9:42 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 9:48 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 9:54 PM	-0.7	0.2	-1	-0.2	2.6
6/22/2020 10:00 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 10:06 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 10:12 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 10:18 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 10:24 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 10:30 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 10:36 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 10:42 PM	-0.7	0.2	-1	-0.2	2.4
6/22/2020 10:48 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 10:54 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:00 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:06 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:12 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:18 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 11:24 PM	-0.7	0.1	-1	-0.2	2.5
6/22/2020 11:30 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:36 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:42 PM	-0.7	0.2	-1	-0.2	2.5
6/22/2020 11:48 PM	-0.7	0.2	-1	-0.2	2.6
6/22/2020 11:54 PM	-0.7	0.2	-1	-0.2	2.6
6/23/2020 12:00 AM	-0.7	0.2	-1	-0.2	2.6
6/23/2020 12:06 AM	-0.7	0.2	-1	-0.2	2.7
6/23/2020 12:12 AM	-0.7	0.2	-1	-0.2	2.7
6/23/2020 12:18 AM	-0.7	0.2	-1	-0.2	2.7
6/23/2020 12:24 AM	-0.7	0.2	-1	-0.2	2.7
6/23/2020 12:30 AM	-0.7	0.1	-1	-0.2	2.7
6/23/2020 12:36 AM	-0.7	0.1	-1	-0.2	2.7
6/23/2020 12:42 AM	-0.7	2	-1	-0.2	1.9
6/23/2020 12:48 AM	-0.7	2.8	-1	-0.2	0.5
6/23/2020 12:54 AM	-0.7	1.3	-1	-0.2	0.1
6/23/2020 1:00 AM	-0.7	1	-1	-0.2	0.1
6/23/2020 1:06 AM	-0.7	0.8	-1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 1:12 AM	-0.7	0.7	-1	-0.2	0
6/23/2020 1:18 AM	-0.8	0.7	-1	-0.2	0
6/23/2020 1:24 AM	-0.8	0.7	-1	-0.2	0
6/23/2020 1:30 AM	-0.8	0.7	-1	-0.2	0
6/23/2020 1:36 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 1:42 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 1:48 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 1:54 AM	-0.8	0.6	-1	-0.2	0.1
6/23/2020 2:00 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 2:06 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 2:12 AM	-0.8	0.7	-1	-0.2	0.1
6/23/2020 2:18 AM	-0.7	0.7	-1	-0.2	0
6/23/2020 2:24 AM	-0.7	0.7	-1	-0.2	0
6/23/2020 2:30 AM	-0.7	0.6	-1	-0.2	0
6/23/2020 2:36 AM	-0.8	0.6	-1	-0.2	0
6/23/2020 2:42 AM	-0.8	0.6	-1	-0.2	0.1
6/23/2020 2:48 AM	-0.8	0.5	-1	-0.2	0.1
6/23/2020 2:54 AM	-0.8	0.2	-1	-0.2	0.1
6/23/2020 3:00 AM	-0.8	0.2	-1	-0.2	0.1
6/23/2020 3:06 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 3:12 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 3:18 AM	-0.8	0.2	-1	-0.2	0
6/23/2020 3:24 AM	-0.8	0.2	-1	-0.2	0
6/23/2020 3:30 AM	-0.8	0.2	-1	-0.2	0
6/23/2020 3:36 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 3:42 AM	-0.8	0.1	-1	-0.2	0.1
6/23/2020 3:48 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 3:54 AM	-0.8	0	-1	-0.2	0
6/23/2020 4:00 AM	-0.8	0	-1	-0.2	0
6/23/2020 4:06 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:12 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:18 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:24 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:30 AM	-0.8	0.2	-1	-0.2	0
6/23/2020 4:36 AM	-0.8	0.1	-1	-0.2	0.1
6/23/2020 4:42 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:48 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 4:54 AM	-0.8	0.1	-1	-0.2	0
6/23/2020 5:00 AM	-0.8	0.1	-1.1	-0.2	0
6/23/2020 5:06 AM	-0.8	0.1	-1.1	-0.2	0
6/23/2020 5:12 AM	-0.8	0.1	-1.1	-0.2	0.1
6/23/2020 5:18 AM	-0.8	0.1	-1.1	-0.2	0.1
6/23/2020 5:24 AM	-0.8	0.1	-1.1	-0.2	0
6/23/2020 5:30 AM	-0.8	0.2	-1.1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 5:36 AM	-0.8	0.2	-1.2	-0.2	0
6/23/2020 5:42 AM	-0.8	0.2	-1.2	-0.2	0.1
6/23/2020 5:48 AM	-0.8	0.2	-1.2	-0.2	0.1
6/23/2020 5:54 AM	-0.8	0.2	-1.2	-0.2	0
6/23/2020 6:00 AM	-0.8	0.2	-1.2	-0.2	0
6/23/2020 6:06 AM	-0.8	0.2	-1.2	-0.2	0
6/23/2020 6:12 AM	-0.8	0.1	-1.2	-0.2	0
6/23/2020 6:18 AM	-0.8	0.2	-1.2	-0.2	0
6/23/2020 6:24 AM	-0.8	0.1	-1.2	-0.2	0
6/23/2020 6:30 AM	-0.8	0.3	-1.2	-0.2	0
6/23/2020 6:36 AM	-0.8	0.5	-1.2	-0.2	0
6/23/2020 6:42 AM	-0.8	0.4	-1.2	-0.2	0.1
6/23/2020 6:48 AM	-0.7	0.3	-1.1	-0.2	0
6/23/2020 6:54 AM	-0.7	0.3	-1.1	-0.2	0
6/23/2020 7:00 AM	-0.7	0.2	-1.1	-0.2	0.1
6/23/2020 7:06 AM	-0.7	0.2	-1.1	-0.2	0.1
6/23/2020 7:12 AM	-0.7	0.4	-1.1	-0.2	0
6/23/2020 7:18 AM	-0.7	0.6	-1.1	-0.2	0
6/23/2020 7:24 AM	-0.7	0.5	-1.1	-0.2	0
6/23/2020 7:30 AM	-0.7	0.5	-1.1	-0.2	0.1
6/23/2020 7:36 AM	-0.7	0.4	-1.1	-0.2	0.1
6/23/2020 7:42 AM	-0.7	0.4	-1.1	-0.2	0.1
6/23/2020 7:48 AM	-0.7	0.9	-1.1	-0.2	0
6/23/2020 7:54 AM	-0.7	1.1	-1.1	-0.2	0
6/23/2020 8:00 AM	-0.7	0.9	-1.1	-0.2	0
6/23/2020 8:06 AM	-0.7	0.8	-1.1	-0.2	0
6/23/2020 8:12 AM	-0.7	0.9	-1.1	-0.2	0
6/23/2020 8:18 AM	-0.7	1	-1.1	-0.2	0.7
6/23/2020 8:24 AM	-0.7	1	-1.1	-0.2	0.9
6/23/2020 8:30 AM	-0.7	1	-1.1	-0.2	0.1
6/23/2020 8:36 AM	-0.7	1	-1.1	-0.2	0
6/23/2020 8:42 AM	-0.7	1	-1.1	-0.2	0
6/23/2020 8:48 AM	-0.7	1	-1	-0.2	4.5
6/23/2020 8:54 AM	-0.7	0.7	-1	-0.2	9.4
6/23/2020 9:00 AM	-0.7	0.3	-1	-0.2	8.3
6/23/2020 9:06 AM	-0.7	0.2	-0.9	-0.2	7.4
6/23/2020 9:12 AM	-0.6	0.2	-0.9	-0.2	6.9
6/23/2020 9:18 AM	-0.6	0.2	-0.9	-0.2	6.5
6/23/2020 9:24 AM	-0.6	0.1	-0.9	-0.2	5.9
6/23/2020 9:30 AM	-0.6	0.2	-0.9	-0.2	5.1
6/23/2020 9:36 AM	-0.6	0.2	-0.9	-0.2	4.3
6/23/2020 9:42 AM	-0.6	0.2	-0.9	-0.2	3.8
6/23/2020 9:48 AM	-0.6	0.2	-0.9	-0.2	3.6
6/23/2020 9:54 AM	-0.6	0.2	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 10:00 AM	-0.6	0.2	-0.9	-0.2	3.2
6/23/2020 10:06 AM	-0.6	0.2	-0.9	-0.2	3
6/23/2020 10:12 AM	-0.6	0.2	-0.9	-0.2	3
6/23/2020 10:18 AM	-0.6	0.2	-0.9	-0.2	3
6/23/2020 10:24 AM	-0.6	0.2	-0.9	-0.2	2.9
6/23/2020 10:30 AM	-0.6	0.2	-0.9	-0.2	3
6/23/2020 10:36 AM	-0.6	0.2	-0.9	-0.2	3
6/23/2020 10:42 AM	-0.6	0.2	-0.9	-0.2	2.9
6/23/2020 10:48 AM	-0.6	0.3	-0.9	-0.2	2.8
6/23/2020 10:54 AM	-0.6	0.3	-0.9	-0.2	2.7
6/23/2020 11:00 AM	-0.6	0.3	-0.9	-0.2	2.8
6/23/2020 11:06 AM	-0.6	0.3	-0.9	-0.2	2.8
6/23/2020 11:12 AM	-0.6	0.3	-0.9	-0.2	2.7
6/23/2020 11:18 AM	-0.6	0.3	-0.9	-0.2	2.7
6/23/2020 11:24 AM	-0.6	0.3	-0.9	-0.2	2.7
6/23/2020 11:30 AM	-0.6	0.4	-0.9	-0.2	2.7
6/23/2020 11:36 AM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 11:42 AM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 11:48 AM	-0.6	0.6	-0.9	-0.2	2.6
6/23/2020 11:54 AM	-0.6	0.6	-0.9	-0.2	2.7
6/23/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/23/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/23/2020 12:12 PM	-0.6	0.4	-0.9	-0.2	2.5
6/23/2020 12:18 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 12:24 PM	-0.6	0.5	-0.9	-0.2	2.5
6/23/2020 12:30 PM	-0.6	0.5	-0.9	-0.2	2.5
6/23/2020 12:36 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 12:42 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 12:48 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 12:54 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 1:00 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 1:06 PM	-0.6	0.5	-0.9	-0.2	2.5
6/23/2020 1:12 PM	-0.6	0.5	-0.9	-0.2	2.5
6/23/2020 1:18 PM	-0.6	0.4	-0.9	-0.2	2.5
6/23/2020 1:24 PM	-0.6	0.5	-0.9	-0.2	2.5
6/23/2020 1:30 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 1:36 PM	-0.6	0.5	-0.9	-0.2	2.6
6/23/2020 1:42 PM	-0.6	0.4	-0.9	-0.2	2.6
6/23/2020 1:48 PM	-0.6	0.4	-0.9	-0.2	2.6
6/23/2020 1:54 PM	-0.6	0.3	-0.9	-0.2	2.6
6/23/2020 2:00 PM	-0.6	0.3	-0.9	-0.2	2.6
6/23/2020 2:06 PM	-0.6	0.4	-0.9	-0.2	2.6
6/23/2020 2:12 PM	-0.6	0.3	-0.9	-0.2	2.5
6/23/2020 2:18 PM	-0.6	0.3	-0.9	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 2:24 PM	-0.6	0.3	-1	-0.2	2.6
6/23/2020 2:30 PM	-0.6	0.4	-1	-0.2	3
6/23/2020 2:36 PM	-0.6	0.3	-1	-0.2	3
6/23/2020 2:42 PM	-0.6	0.2	-1	-0.2	2.8
6/23/2020 2:48 PM	-0.6	0.2	-1	-0.2	2.8
6/23/2020 2:54 PM	-0.6	0.2	-1	-0.2	2.8
6/23/2020 3:00 PM	-0.6	0.1	-1	-0.2	2.8
6/23/2020 3:06 PM	-0.6	0	-1	-0.2	2.8
6/23/2020 3:12 PM	-0.6	0.1	-1	-0.2	2.9
6/23/2020 3:18 PM	-0.6	0.1	-1	-0.2	2.9
6/23/2020 3:24 PM	-0.6	0.2	-1	-0.2	2.8
6/23/2020 3:30 PM	-0.6	0.1	-1	-0.2	2.9
6/23/2020 3:36 PM	-0.6	0.1	-1	-0.2	2.9
6/23/2020 3:42 PM	-0.6	0.1	-1	-0.2	2.8
6/23/2020 3:48 PM	-0.7	0.1	-1	-0.2	2.8
6/23/2020 3:54 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:00 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:06 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:12 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:18 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 4:24 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 4:30 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:36 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 4:42 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 4:48 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 4:54 PM	-0.7	0.1	-1	-0.2	3.1
6/23/2020 5:00 PM	-0.7	0.1	-1	-0.2	3.1
6/23/2020 5:06 PM	-0.7	0.2	-1	-0.2	3.1
6/23/2020 5:12 PM	-0.7	0.1	-1	-0.2	3.1
6/23/2020 5:18 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 5:24 PM	-0.7	0.1	-1	-0.2	3
6/23/2020 5:30 PM	-0.7	0.2	-1	-0.2	3
6/23/2020 5:36 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 5:42 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 5:48 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 5:54 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 6:00 PM	-0.7	0.1	-1	-0.2	2.9
6/23/2020 6:06 PM	-0.7	0	-1	-0.2	2.8
6/23/2020 6:12 PM	-0.7	0	-1	-0.2	2.7
6/23/2020 6:18 PM	-0.7	0.1	-1	-0.2	2.7
6/23/2020 6:24 PM	-0.7	0.1	-1	-0.2	2.6
6/23/2020 6:30 PM	-0.7	0.1	-1	-0.2	2.4
6/23/2020 6:36 PM	-0.7	0.1	-1	-0.2	2.3
6/23/2020 6:42 PM	-0.7	0.1	-1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 6:48 PM	-0.7	0.2	-1	-0.2	2.5
6/23/2020 6:54 PM	-0.7	0.2	-1	-0.2	2.5
6/23/2020 7:00 PM	-0.7	0.2	-1	-0.2	2.4
6/23/2020 7:06 PM	-0.7	-0.3	-1	-0.2	7
6/23/2020 7:12 PM	-0.7	-0.5	-1	-0.2	10.7
6/23/2020 7:18 PM	-0.7	-0.1	-1	-0.2	9.6
6/23/2020 7:24 PM	-0.7	-0.3	-1	-0.2	8.9
6/23/2020 7:30 PM	-0.7	-0.7	-1	-0.2	8.3
6/23/2020 7:36 PM	-0.7	-0.9	-1	-0.2	7.8
6/23/2020 7:42 PM	-0.7	-0.9	-1	-0.2	7.7
6/23/2020 7:48 PM	-0.7	-0.9	-1	-0.2	7.6
6/23/2020 7:54 PM	-0.7	-0.9	-1	-0.2	7.5
6/23/2020 8:00 PM	-0.7	-0.9	-1	-0.2	7.5
6/23/2020 8:06 PM	-0.7	-0.9	-1	-0.2	7.5
6/23/2020 8:12 PM	-0.7	-0.9	-1	-0.2	7.6
6/23/2020 8:18 PM	-0.7	-0.9	-1	-0.2	7.7
6/23/2020 8:24 PM	-0.7	-0.9	-1	-0.2	7.5
6/23/2020 8:30 PM	-0.7	-0.9	-1	-0.2	7.4
6/23/2020 8:36 PM	-0.7	-0.9	-1	-0.2	7.1
6/23/2020 8:42 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 8:48 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 8:54 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 9:00 PM	-0.7	-0.9	-1	-0.2	7
6/23/2020 9:06 PM	-0.7	-0.9	-1	-0.2	7
6/23/2020 9:12 PM	-0.7	-0.9	-1	-0.2	6.8
6/23/2020 9:18 PM	-0.7	-0.9	-1	-0.2	6.8
6/23/2020 9:24 PM	-0.7	-0.9	-1	-0.2	6.8
6/23/2020 9:30 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 9:36 PM	-0.7	-0.8	-1	-0.2	7.1
6/23/2020 9:42 PM	-0.7	-0.9	-1	-0.2	7
6/23/2020 9:48 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 9:54 PM	-0.7	-0.9	-1	-0.2	6.9
6/23/2020 10:00 PM	-0.8	-0.9	-1	-0.2	6.8
6/23/2020 10:06 PM	-0.8	-0.9	-1	-0.2	6.8
6/23/2020 10:12 PM	-0.8	-0.8	-1	-0.2	6.8
6/23/2020 10:18 PM	-0.8	-0.8	-1	-0.2	6.7
6/23/2020 10:24 PM	-0.8	-0.8	-1	-0.2	6.8
6/23/2020 10:30 PM	-0.8	-0.8	-1	-0.2	6.8
6/23/2020 10:36 PM	-0.8	-0.8	-1	-0.2	6.7
6/23/2020 10:42 PM	-0.8	-0.8	-1	-0.2	6.7
6/23/2020 10:48 PM	-0.7	-0.8	-1	-0.2	6.7
6/23/2020 10:54 PM	-0.7	-0.8	-1	-0.2	6.7
6/23/2020 11:00 PM	-0.7	-0.8	-1	-0.2	6.7
6/23/2020 11:06 PM	-0.7	-0.8	-1	-0.2	6.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/23/2020 11:12 PM	-0.7	-0.8	-1	-0.2	7
6/23/2020 11:18 PM	-0.7	-0.8	-1	-0.2	7
6/23/2020 11:24 PM	-0.7	-0.8	-1	-0.2	6.8
6/23/2020 11:30 PM	-0.7	-0.8	-1	-0.2	6.8
6/23/2020 11:36 PM	-0.7	-0.8	-1	-0.2	6.9
6/23/2020 11:42 PM	-0.7	-0.8	-1	-0.2	6.9
6/23/2020 11:48 PM	-0.7	-0.8	-1	-0.2	7
6/23/2020 11:54 PM	-0.7	-0.8	-1	-0.2	7
6/24/2020 12:00 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 12:06 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 12:12 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 12:18 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 12:24 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 12:30 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 12:36 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 12:42 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 12:48 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 12:54 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 1:00 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 1:06 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 1:12 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 1:18 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 1:24 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 1:30 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 1:36 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 1:42 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 1:48 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 1:54 AM	-0.7	-0.7	-1	-0.2	6.6
6/24/2020 2:00 AM	-0.7	-0.7	-1	-0.2	6.7
6/24/2020 2:06 AM	-0.7	-0.8	-1	-0.2	6.8
6/24/2020 2:12 AM	-0.7	-0.8	-1	-0.2	6.9
6/24/2020 2:18 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 2:24 AM	-0.7	-0.7	-1	-0.2	6.5
6/24/2020 2:30 AM	-0.7	-0.7	-1	-0.2	6.6
6/24/2020 2:36 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 2:42 AM	-0.7	-0.8	-1	-0.2	6.7
6/24/2020 2:48 AM	-0.7	-0.7	-1	-0.2	6.8
6/24/2020 2:54 AM	-0.7	-0.7	-1	-0.2	7
6/24/2020 3:00 AM	-0.7	-0.7	-1	-0.2	7.2
6/24/2020 3:06 AM	-0.7	-0.7	-1	-0.2	7.3
6/24/2020 3:12 AM	-0.7	-0.8	-1	-0.2	7.3
6/24/2020 3:18 AM	-0.7	-0.7	-1	-0.2	7.1
6/24/2020 3:24 AM	-0.7	-0.8	-1	-0.2	7.1
6/24/2020 3:30 AM	-0.7	-0.8	-1	-0.2	7.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/24/2020 3:36 AM	-0.7	-0.7	-1	-0.2	4.8
6/24/2020 3:42 AM	-0.7	-0.8	-1	-0.2	2.1
6/24/2020 3:48 AM	-0.7	-0.8	-1	-0.2	2.2
6/24/2020 3:54 AM	-0.7	-0.7	-1	-0.2	2.3
6/24/2020 4:00 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:06 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:12 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:18 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:24 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:30 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:36 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:42 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:48 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 4:54 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 5:00 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 5:06 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 5:12 AM	-0.7	-0.7	-1	-0.2	2.4
6/24/2020 5:18 AM	-0.7	-0.7	-1.1	-0.2	2.5
6/24/2020 5:24 AM	-0.7	-0.7	-1.1	-0.2	2.5
6/24/2020 5:30 AM	-0.7	-0.7	-1	-0.2	2.6
6/24/2020 5:36 AM	-0.7	-0.7	-1	-0.2	2.6
6/24/2020 5:42 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 5:48 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 5:54 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:00 AM	-0.7	-0.7	-1	-0.2	2.6
6/24/2020 6:06 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:12 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:18 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:24 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:30 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:36 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:42 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:48 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 6:54 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 7:00 AM	-0.7	-0.7	-1	-0.2	2.5
6/24/2020 7:06 AM	-0.7	-0.7	-1	-0.2	2.8
6/24/2020 7:12 AM	-0.7	-0.7	-1	-0.2	2.9
6/24/2020 7:18 AM	-0.7	-0.7	-1.1	-0.2	2.8
6/24/2020 7:24 AM	-0.7	-0.7	-1.1	-0.2	2.7
6/24/2020 7:30 AM	-0.7	-0.7	-1.1	-0.2	2.7
6/24/2020 7:36 AM	-0.7	-0.7	-1.1	-0.2	2.8
6/24/2020 7:42 AM	-0.7	-0.7	-1.1	-0.2	2.8
6/24/2020 7:48 AM	-0.7	-0.7	-1.1	-0.2	2.7
6/24/2020 7:54 AM	-0.7	-0.7	-1.1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/24/2020 8:00 AM	-0.7	-0.7	-1.1	-0.2	3.2
6/24/2020 8:06 AM	-0.7	-0.7	-1.1	-0.2	3.9
6/24/2020 8:12 AM	-0.7	-0.7	-1.1	-0.2	3.9
6/24/2020 8:18 AM	-0.7	-0.7	-1.1	-0.2	4
6/24/2020 8:24 AM	-0.7	-0.7	-1.1	-0.2	4.2
6/24/2020 8:30 AM	-0.6	-0.7	-1.1	-0.2	4.4
6/24/2020 8:36 AM	-0.6	-0.7	-1.1	-0.2	5.1
6/24/2020 8:42 AM	-0.6	-0.7	-1.1	-0.2	5.6
6/24/2020 8:48 AM	-0.6	-0.7	-1.1	-0.2	6.1
6/24/2020 8:54 AM	-0.6	-0.7	-1.1	12.9	6.4
6/24/2020 9:00 AM	-0.6	-0.7	-1.1	23.2	5
6/24/2020 9:06 AM	-0.6	-0.7	-1.1	15.5	2.8
6/24/2020 9:12 AM	-0.6	-0.7	-1.1	9.4	2.4
6/24/2020 9:18 AM	-0.6	-0.7	-1.1	7.3	2.3
6/24/2020 9:24 AM	-0.6	-0.7	-1	6.3	2.2
6/24/2020 9:30 AM	-0.6	-0.7	-1	4.3	2.3
6/24/2020 9:36 AM	-0.6	-0.7	-1	3.6	2.3
6/24/2020 9:42 AM	-0.6	-0.7	-1	3.4	2.2
6/24/2020 9:48 AM	-0.6	-0.7	-1	3.5	2.3
6/24/2020 9:54 AM	-0.6	-0.7	-1	3.5	2.3
6/24/2020 10:00 AM	-0.6	-0.7	-1	3.7	2.3
6/24/2020 10:06 AM	-0.6	-0.7	-1	3.9	2.2
6/24/2020 10:12 AM	-0.6	-0.7	-1	4.1	2.3
6/24/2020 10:18 AM	-0.6	-0.7	-1	4.1	2.3
6/24/2020 10:24 AM	-0.6	-0.7	-1	3.9	2.3
6/24/2020 10:30 AM	-0.6	-0.7	-1	3.7	2.3
6/24/2020 10:36 AM	-0.6	-0.7	-1	3.3	2.3
6/24/2020 10:42 AM	-0.6	-0.7	-0.9	3.1	2.3
6/24/2020 10:48 AM	-0.6	-0.7	-0.9	2.8	2.3
6/24/2020 10:54 AM	-0.6	-0.7	-0.9	2.6	2.3
6/24/2020 11:00 AM	-0.6	-0.7	-0.9	2.6	2.3
6/24/2020 11:06 AM	-0.6	-0.7	-0.9	2.5	2.3
6/24/2020 11:12 AM	-0.6	-0.7	-0.9	2.3	2.4
6/24/2020 11:18 AM	-0.6	-0.7	-0.9	2.2	2.3
6/24/2020 11:24 AM	-0.6	-0.7	-0.9	2.2	2.3
6/24/2020 11:30 AM	-0.6	-0.7	-0.9	2.2	2.3
6/24/2020 11:36 AM	-0.6	-0.7	-0.9	2.1	2.3
6/24/2020 11:42 AM	-0.6	-0.7	-0.9	2	2.3
6/24/2020 11:48 AM	-0.6	-0.7	-0.9	2.1	2.3
6/24/2020 11:54 AM	-0.6	-0.7	-0.9	2.1	2.3
6/24/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/24/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/24/2020 12:12 PM	-0.5	-0.7	-0.9	2	2.4
6/24/2020 12:18 PM	-0.5	-0.7	-0.9	2.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/24/2020 12:24 PM	-0.5	-0.7	-0.9	2.1	2.4
6/24/2020 12:30 PM	-0.5	-0.7	-0.9	2.2	2.4
6/24/2020 12:36 PM	-0.5	-0.7	-0.9	2.2	2.4
6/24/2020 12:42 PM	-0.5	-0.7	-0.9	2.1	2.4
6/24/2020 12:48 PM	-0.5	-0.7	-0.9	2	2.4
6/24/2020 12:54 PM	-0.5	-0.7	-0.9	2.1	2.4
6/24/2020 1:00 PM	-0.5	-0.7	-0.9	2.2	2.3
6/24/2020 1:06 PM	-0.5	-0.7	-0.8	2.3	2.4
6/24/2020 1:12 PM	-0.5	-0.7	-0.9	2.2	2.4
6/24/2020 1:18 PM	-0.5	-0.7	-0.9	2.2	2.4
6/24/2020 1:24 PM	-0.5	-0.7	-0.9	2.2	2.4
6/24/2020 1:30 PM	-0.5	-0.7	-0.9	2.3	2.4
6/24/2020 1:36 PM	-0.5	-0.7	-0.9	2.4	2.4
6/24/2020 1:42 PM	-0.5	-0.7	-0.9	2.4	2.4
6/24/2020 1:48 PM	-0.5	-0.7	-0.9	2.3	2.5
6/24/2020 1:54 PM	-0.5	-0.7	-0.9	2.3	2.4
6/24/2020 2:00 PM	-0.5	-0.7	-0.9	2.3	2.4
6/24/2020 2:06 PM	-0.5	-0.7	-0.9	2.4	2.4
6/24/2020 2:12 PM	-0.5	-0.7	-0.9	2.3	2.3
6/24/2020 2:18 PM	-0.5	-0.6	-0.9	2.3	2.3
6/24/2020 2:24 PM	-0.5	-0.6	-0.9	2.3	2.3
6/24/2020 2:30 PM	-0.5	-0.6	-0.9	2.4	2.4
6/24/2020 2:36 PM	-0.5	-0.5	-0.9	2.6	2.4
6/24/2020 2:42 PM	-0.5	-0.5	-0.9	2.6	2.3
6/24/2020 2:48 PM	-0.5	-0.5	-0.9	2.7	2.3
6/24/2020 2:54 PM	-0.5	-0.5	-0.9	2.7	2.3
6/24/2020 3:00 PM	-0.5	-0.4	-0.9	2.6	2.3
6/24/2020 3:06 PM	-0.5	-0.4	-1	2.5	2.3
6/24/2020 3:12 PM	-0.5	-0.3	-1	2.3	2.2
6/24/2020 3:18 PM	-0.5	-0.3	-1	2.2	2.2
6/24/2020 3:24 PM	-0.5	-0.4	-1	2.3	2.2
6/24/2020 3:30 PM	-0.5	-0.3	-1	2.3	2.3
6/24/2020 3:36 PM	-0.5	-0.3	-1	2.3	2.2
6/24/2020 3:42 PM	-0.5	-0.3	-1	2.3	2.2
6/24/2020 3:48 PM	-0.5	-0.3	-1	2.4	2.3
6/24/2020 3:54 PM	-0.5	-0.3	-1	2.4	2.2
6/24/2020 4:00 PM	-0.5	-0.2	-1	2.4	2.3
6/24/2020 4:06 PM	-0.5	-0.1	-1	2.2	2.3
6/24/2020 4:12 PM	-0.5	-0.1	-1	2.1	2.3
6/24/2020 4:18 PM	-0.5	-0.2	-1	2.1	2.3
6/24/2020 4:24 PM	-0.6	-0.1	-1	2.1	2.3
6/24/2020 4:30 PM	-0.6	-0.1	-1	2.1	2.4
6/24/2020 4:36 PM	-0.6	0	-1	2.1	2.4
6/24/2020 4:42 PM	-0.6	0.1	-1	2.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/24/2020 4:48 PM	-0.6	0.1	-1	2.2	2.3
6/24/2020 4:54 PM	-0.6	0	-1	2.2	2.3
6/24/2020 5:00 PM	-0.6	-0.1	-1	2.2	2.3
6/24/2020 5:06 PM	-0.6	-0.2	-1	2.1	2.3
6/24/2020 5:12 PM	-0.6	-0.1	-1	2	2.2
6/24/2020 5:18 PM	-0.6	-0.1	-1	1.9	2.2
6/24/2020 5:24 PM	-0.6	-0.2	-1	1.9	2.2
6/24/2020 5:30 PM	-0.6	-0.2	-1	1.9	2.2
6/24/2020 5:36 PM	-0.6	-0.2	-1	2	2.2
6/24/2020 5:42 PM	-0.6	-0.2	-1	2	2.3
6/24/2020 5:48 PM	-0.6	-0.3	-1	2	2.3
6/24/2020 5:54 PM	-0.6	-0.3	-1	2	2.4
6/24/2020 6:00 PM	-0.6	-0.3	-1	2	2.3
6/24/2020 6:06 PM	-0.6	-0.4	-0.9	2	2.3
6/24/2020 6:12 PM	-0.6	-0.4	-0.9	1.9	2.3
6/24/2020 6:18 PM	-0.6	-0.4	-0.9	1.9	2.3
6/24/2020 6:24 PM	-0.6	-0.4	-0.9	2	2.2
6/24/2020 6:30 PM	-0.6	-0.4	-0.9	2.1	2.2
6/24/2020 6:36 PM	-0.6	-0.4	-1	2.1	2.2
6/24/2020 6:42 PM	-0.6	-0.4	-1	2	2.2
6/24/2020 6:48 PM	-0.6	-0.4	-1	2.1	2.3
6/24/2020 6:54 PM	-0.6	-0.4	-1	2.1	2.3
6/24/2020 7:00 PM	-0.6	-0.4	-1	2.1	2.3
6/24/2020 7:06 PM	-0.6	-0.4	-1	2	2.2
6/24/2020 7:12 PM	-0.6	-0.4	-1	2	2.2
6/24/2020 7:18 PM	-0.6	-0.4	-1	2	2.2
6/24/2020 7:24 PM	-0.6	-0.4	-1	2	2.2
6/24/2020 7:30 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 7:36 PM	-0.6	-0.4	-1	1.9	2.2
6/24/2020 7:42 PM	-0.6	-0.4	-1	1.9	2.2
6/24/2020 7:48 PM	-0.6	-0.4	-1	1.9	2.2
6/24/2020 7:54 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 8:00 PM	-0.6	-0.4	-1	1.9	2.3
6/24/2020 8:06 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 8:12 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 8:18 PM	-0.6	-0.4	-1	2.1	2.3
6/24/2020 8:24 PM	-0.6	-0.4	-1	2.1	2.3
6/24/2020 8:30 PM	-0.6	-0.4	-1	2.2	2.3
6/24/2020 8:36 PM	-0.6	-0.4	-1	2.3	2.3
6/24/2020 8:42 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 8:48 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 8:54 PM	-0.6	-0.4	-1	2	2.3
6/24/2020 9:00 PM	-0.6	-0.3	-1	2	2.2
6/24/2020 9:06 PM	-0.6	-0.3	-1	1.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/24/2020 9:12 PM	-0.6	-0.3	-1	1.9	2.3
6/24/2020 9:18 PM	-0.6	-0.3	-1	1.9	2.3
6/24/2020 9:24 PM	-0.6	-0.3	-1	1.9	2.3
6/24/2020 9:30 PM	-0.6	-0.3	-1	1.9	2.3
6/24/2020 9:36 PM	-0.6	-0.3	-1	2	2.3
6/24/2020 9:42 PM	-0.7	-0.3	-1	2.1	2.3
6/24/2020 9:48 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 9:54 PM	-0.7	-0.3	-1	2	2.4
6/24/2020 10:00 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 10:06 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 10:12 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 10:18 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 10:24 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 10:30 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 10:36 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 10:42 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 10:48 PM	-0.7	-0.3	-1	2.1	2.3
6/24/2020 10:54 PM	-0.7	-0.3	-1	2	2.2
6/24/2020 11:00 PM	-0.7	-0.3	-1	2	2.2
6/24/2020 11:06 PM	-0.7	-0.3	-1	2	2.2
6/24/2020 11:12 PM	-0.7	-0.3	-1	2	2.2
6/24/2020 11:18 PM	-0.7	-0.3	-1	2	2.3
6/24/2020 11:24 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 11:30 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 11:36 PM	-0.7	-0.3	-1	1.9	2.3
6/24/2020 11:42 PM	-0.7	-0.2	-1	1.7	2.3
6/24/2020 11:48 PM	-0.7	-0.2	-1	0.4	2.5
6/24/2020 11:54 PM	-0.7	-0.2	-1	-0.5	2.5
6/25/2020 12:00 AM	-0.7	-0.2	-1	-0.5	2.7
6/25/2020 12:06 AM	-0.7	-0.2	-1	-0.5	2.7
6/25/2020 12:12 AM	-0.7	-0.2	-1	-0.5	2.6
6/25/2020 12:18 AM	-0.7	-0.2	-1	-0.5	2.5
6/25/2020 12:24 AM	-0.7	-0.2	-1	-0.5	2.5
6/25/2020 12:30 AM	-0.7	-0.2	-1	-0.5	3.2
6/25/2020 12:36 AM	-0.7	-0.2	-1	-0.5	3.6
6/25/2020 12:42 AM	-0.7	-0.2	-1	-0.5	3.4
6/25/2020 12:48 AM	-0.7	-0.2	-1	-0.5	3.4
6/25/2020 12:54 AM	-0.7	-0.2	-1	-0.5	3.4
6/25/2020 1:00 AM	-0.7	-0.2	-1	-0.5	3.5
6/25/2020 1:06 AM	-0.7	-0.2	-1	-0.5	3.8
6/25/2020 1:12 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 1:18 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 1:24 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 1:30 AM	-0.7	-0.1	-1	-0.5	3.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 1:36 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 1:42 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 1:48 AM	-0.7	-0.1	-1	-0.5	3.7
6/25/2020 1:54 AM	-0.7	-0.1	-1	-0.5	3.7
6/25/2020 2:00 AM	-0.7	-0.1	-1	-0.5	3.7
6/25/2020 2:06 AM	-0.7	-0.1	-1	-0.5	3.7
6/25/2020 2:12 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 2:18 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 2:24 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 2:30 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 2:36 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 2:42 AM	-0.7	-0.1	-1	-0.5	3.8
6/25/2020 2:48 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 2:54 AM	-0.7	0	-1	-0.5	4
6/25/2020 3:00 AM	-0.7	0	-1	-0.5	4.1
6/25/2020 3:06 AM	-0.7	-0.1	-1	-0.5	4.1
6/25/2020 3:12 AM	-0.7	-0.1	-1	-0.5	4
6/25/2020 3:18 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 3:24 AM	-0.7	-0.1	-1	-0.5	3.9
6/25/2020 3:30 AM	-0.7	-0.1	-1	-0.5	3
6/25/2020 3:36 AM	-0.7	-0.1	-1	-0.5	2.2
6/25/2020 3:42 AM	-0.7	-0.1	-1	-0.5	2.4
6/25/2020 3:48 AM	-0.7	-0.1	-1	-0.5	2.4
6/25/2020 3:54 AM	-0.7	-0.1	-1	-0.5	2.4
6/25/2020 4:00 AM	-0.7	-0.1	-1	-0.5	2.5
6/25/2020 4:06 AM	-0.7	-0.1	-1	-0.5	2.5
6/25/2020 4:12 AM	-0.7	-0.1	-1	-0.5	2.5
6/25/2020 4:18 AM	-0.7	0	-1	-0.5	2.5
6/25/2020 4:24 AM	-0.7	0	-1	-0.5	2.5
6/25/2020 4:30 AM	-0.7	0	-1	-0.5	2.4
6/25/2020 4:36 AM	-0.7	0	-1	-0.5	2.4
6/25/2020 4:42 AM	-0.7	0	-1	-0.5	2.4
6/25/2020 4:48 AM	-0.7	0	-1	-0.4	2.4
6/25/2020 4:54 AM	-0.7	0	-1.1	-0.5	2.4
6/25/2020 5:00 AM	-0.7	0	-1.1	-0.5	2.4
6/25/2020 5:06 AM	-0.7	0	-1.1	-0.5	2.5
6/25/2020 5:12 AM	-0.7	0	-1.1	-0.5	2.5
6/25/2020 5:18 AM	-0.7	0.1	-1.1	-0.5	2.5
6/25/2020 5:24 AM	-0.7	0.1	-1.1	-0.5	2.4
6/25/2020 5:30 AM	-0.7	0.1	-1.1	-0.5	2.4
6/25/2020 5:36 AM	-0.7	0.2	-1.1	-0.5	2.4
6/25/2020 5:42 AM	-0.7	0.2	-1.1	-0.5	2.4
6/25/2020 5:48 AM	-0.7	0.3	-1.1	-0.5	2.4
6/25/2020 5:54 AM	-0.7	0.4	-1.1	-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



Data Group: Valid Data
Report Name: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 6:00 AM	-0.7	0.5	-1.1	-0.5	2.4
6/25/2020 6:06 AM	-0.7	0.5	-1.2	-0.5	2.4
6/25/2020 6:12 AM	-0.7	0.5	-1.2	-0.5	2.5
6/25/2020 6:18 AM	-0.7	0.5	-1.2	-0.5	2.7
6/25/2020 6:24 AM	-0.7	0.5	-1.2	-0.5	2.9
6/25/2020 6:30 AM	-0.7	0.5	-1.2	-0.5	2.8
6/25/2020 6:36 AM	-0.7	0.5	-1.2	-0.5	2.8
6/25/2020 6:42 AM	-0.7	0.5	-1.2	-0.5	2.8
6/25/2020 6:48 AM	-0.7	0.4	-1.2	-0.5	2.8
6/25/2020 6:54 AM	-0.7	0.4	-1.2	-0.5	2.7
6/25/2020 7:00 AM	-0.7	0.3	-1.1	-0.5	2.8
6/25/2020 7:06 AM	-0.7	0.1	-1.1	-0.5	2.8
6/25/2020 7:12 AM	-0.7	-0.1	-1.1	-0.5	2.7
6/25/2020 7:18 AM	-0.7	-0.3	-1.1	-0.5	2.7
6/25/2020 7:24 AM	-0.7	-0.5	-1	-0.5	2.7
6/25/2020 7:30 AM	-0.7	-0.5	-1	-0.5	2.8
6/25/2020 7:36 AM	-0.7	-0.5	-1	-0.5	2.8
6/25/2020 7:42 AM	-0.7	-0.5	-0.9	-0.5	2.8
6/25/2020 7:48 AM	-0.7	-0.5	-0.9	-0.5	2.7
6/25/2020 7:54 AM	-0.7	-0.5	-0.9	-0.5	2.7
6/25/2020 8:00 AM	-0.7	-0.3	-0.9	-0.5	2.9
6/25/2020 8:06 AM	-0.7	-0.1	-1	-0.5	3.4
6/25/2020 8:12 AM	-0.7	0.1	-1	-0.5	3.8
6/25/2020 8:18 AM	-0.6	0.1	-1	-0.5	4
6/25/2020 8:24 AM	-0.6	0.1	-1	-0.5	4
6/25/2020 8:30 AM	-0.6	0.1	-1.1	-0.5	3.9
6/25/2020 8:36 AM	-0.6	0	-1.1	-0.5	4.1
6/25/2020 8:42 AM	-0.6	-0.1	-1	-0.5	4.2
6/25/2020 8:48 AM	-0.6	-0.1	-1	-0.5	4.2
6/25/2020 8:54 AM	-0.6	-0.3	-1	-0.5	4.2
6/25/2020 9:00 AM	-0.6	-0.4	-1	-0.5	4.2
6/25/2020 9:06 AM	-0.6	-0.5	-0.9	-0.5	4.1
6/25/2020 9:12 AM	-0.6	-0.5	-0.9	-0.5	4.1
6/25/2020 9:18 AM	-0.6	-0.4	-0.9	-0.5	4
6/25/2020 9:24 AM	-0.6	-0.4	-0.9	-0.5	4
6/25/2020 9:30 AM	-0.6	-0.4	-0.9	0.8	4.1
6/25/2020 9:36 AM	-0.6	-0.3	-0.9	1.5	4.1
6/25/2020 9:42 AM	-0.6	-0.3	-0.9	0.4	4
6/25/2020 9:48 AM	-0.6	-0.3	-0.9	-0.2	4
6/25/2020 9:54 AM	-0.6	-0.3	-0.9	9.2	3.4
6/25/2020 10:00 AM	-0.6	-0.3	-0.9	16.4	2.2
6/25/2020 10:06 AM	-0.6	-0.3	-0.9	8.9	1.9
6/25/2020 10:12 AM	-0.6	-0.3	-0.9	5.1	2
6/25/2020 10:18 AM	-0.6	-0.3	-0.9	4.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 10:24 AM	-0.6	-0.4	-0.9	4	2.1
6/25/2020 10:30 AM	-0.6	-0.4	-0.8	4	2.1
6/25/2020 10:36 AM	-0.6	-0.4	-0.8	4	2.1
6/25/2020 10:42 AM	-0.6	-0.5	-0.8	4.1	2.1
6/25/2020 10:48 AM	-0.6	-0.5	-0.8	4.2	2.1
6/25/2020 10:54 AM	-0.6	-0.5	-0.8	4.4	2.1
6/25/2020 11:00 AM	-0.6	-0.4	-0.8	4.4	2.1
6/25/2020 11:06 AM	-0.6	-0.4	-0.8	4.1	2.2
6/25/2020 11:12 AM	-0.6	-0.5	-0.8	3.9	2.1
6/25/2020 11:18 AM	-0.6	-0.5	-0.8	3.6	2.1
6/25/2020 11:24 AM	-0.6	-0.4	-0.8	3.2	2.2
6/25/2020 11:30 AM	-0.5	-0.4	-0.8	2.9	2.2
6/25/2020 11:36 AM	-0.4	-0.3	-0.8	2.6	2.2
6/25/2020 11:42 AM	<Samp	-0.4	-0.8	2.5	2.2
6/25/2020 11:48 AM	Maintain	<Samp	Maintain	2.5	2.2
6/25/2020 11:54 AM	Maintain	Maintain	Maintain	2.3	2.2
6/25/2020 12:00 PM	Audit	<Samp	<Samp	Calib	Calib
6/25/2020 12:06 PM	Audit	-0.4	-0.8	Calib	Calib
6/25/2020 12:12 PM	Audit	-0.4	-0.8	2.1	2.3
6/25/2020 12:18 PM	Audit	-0.3	-0.8	2.1	2.3
6/25/2020 12:24 PM	Audit	-0.3	-0.8	2.2	2.3
6/25/2020 12:30 PM	Audit	-0.2	-0.8	2.2	2.3
6/25/2020 12:36 PM	Audit	-0.1	-0.8	2.2	2.3
6/25/2020 12:42 PM	Audit	0	-0.8	2.2	2.3
6/25/2020 12:48 PM	Audit	0	-0.8	2.2	2.3
6/25/2020 12:54 PM	Audit	0	-0.8	2.2	2.3
6/25/2020 1:00 PM	Calib	Calib	-0.8	2.2	2.3
6/25/2020 1:06 PM	-0.3	Audit	-0.8	2.4	2.4
6/25/2020 1:12 PM	-0.3	Audit	-0.8	2.6	2.3
6/25/2020 1:18 PM	-0.3	Audit	-0.9	2.6	2.3
6/25/2020 1:24 PM	-0.3	Audit	-0.9	2.6	2.3
6/25/2020 1:30 PM	-0.3	Audit	-0.9	2.6	2.3
6/25/2020 1:36 PM	-0.3	Audit	-0.9	2.6	2.3
6/25/2020 1:42 PM	-0.2	Audit	-0.9	2.6	2.3
6/25/2020 1:48 PM	-0.2	Audit	-0.9	2.6	2.3
6/25/2020 1:54 PM	-0.2	Calib	Calib	2.6	2.4
6/25/2020 2:00 PM	-0.2	0.9	Calib	2.6	2.3
6/25/2020 2:06 PM	-0.2	1	Audit	2.6	2.3
6/25/2020 2:12 PM	-0.2	1.1	Audit	2.6	2.4
6/25/2020 2:18 PM	-0.2	1.2	Audit	2.6	2.4
6/25/2020 2:24 PM	-0.3	1.3	Audit	2.6	2.4
6/25/2020 2:30 PM	-0.3	1.4	Audit	2.6	2.3
6/25/2020 2:36 PM	-0.3	1.5	Audit	2.5	2.3
6/25/2020 2:42 PM	-0.3	1.5	Audit	2.5	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 2:48 PM	-0.3	1.5	Audit	2.5	2.4
6/25/2020 2:54 PM	-0.3	1.5	Audit	2.4	2.4
6/25/2020 3:00 PM	-0.3	1.5	Audit	2.4	2.5
6/25/2020 3:06 PM	-0.3	1.6	Audit	2.4	2.5
6/25/2020 3:12 PM	-0.3	1.7	Calib	2.5	2.5
6/25/2020 3:18 PM	-0.3	1.7	-0.6	2.5	2.5
6/25/2020 3:24 PM	-0.3	1.7	-0.6	2.5	2.4
6/25/2020 3:30 PM	-0.3	1.6	-0.6	2.5	2.4
6/25/2020 3:36 PM	-0.3	1.5	-0.6	2.6	2.4
6/25/2020 3:42 PM	-0.3	1.4	-0.6	2.7	2.5
6/25/2020 3:48 PM	-0.3	1.3	-0.5	2.7	2.5
6/25/2020 3:54 PM	-0.3	1.3	-0.5	2.6	2.5
6/25/2020 4:00 PM	-0.3	1.2	-0.5	2.7	2.5
6/25/2020 4:06 PM	-0.3	1	-0.5	2.6	2.5
6/25/2020 4:12 PM	-0.3	1	-0.5	2.6	2.5
6/25/2020 4:18 PM	-0.3	0.9	-0.5	2.6	2.5
6/25/2020 4:24 PM	-0.3	0.9	-0.4	2.6	2.4
6/25/2020 4:30 PM	-0.3	1	-0.4	2.6	2.5
6/25/2020 4:36 PM	-0.3	1	-0.4	2.8	2.5
6/25/2020 4:42 PM	-0.3	0.9	-0.4	2.8	2.5
6/25/2020 4:48 PM	-0.3	0.8	-0.4	2.8	2.4
6/25/2020 4:54 PM	-0.3	0.7	-0.4	2.6	2.4
6/25/2020 5:00 PM	-0.3	0.8	-0.4	2.5	2.4
6/25/2020 5:06 PM	-0.3	0.9	-0.4	2.5	2.4
6/25/2020 5:12 PM	-0.3	1.1	-0.4	2.6	2.4
6/25/2020 5:18 PM	-0.3	1.3	-0.4	2.6	2.4
6/25/2020 5:24 PM	-0.3	1.3	-0.4	2.7	2.4
6/25/2020 5:30 PM	-0.3	1.1	-0.4	2.7	2.4
6/25/2020 5:36 PM	-0.3	1	-0.4	2.6	2.4
6/25/2020 5:42 PM	-0.3	0.8	-0.4	2.4	2.4
6/25/2020 5:48 PM	-0.3	0.8	-0.3	2.4	2.5
6/25/2020 5:54 PM	-0.3	0.9	-0.3	2.4	2.5
6/25/2020 6:00 PM	-0.3	1	-0.3	2.3	2.7
6/25/2020 6:06 PM	-0.3	1.1	-0.2	0.8	6.4
6/25/2020 6:12 PM	-0.3	1.3	-0.2	-0.5	8.3
6/25/2020 6:18 PM	-0.3	1.4	-0.3	-0.5	7.9
6/25/2020 6:24 PM	-0.3	1.6	-0.3	-0.5	7.5
6/25/2020 6:30 PM	-0.3	1.8	-0.3	-0.5	7.1
6/25/2020 6:36 PM	-0.3	1.9	-0.3	-0.5	6.8
6/25/2020 6:42 PM	-0.3	2.1	-0.4	-0.5	6.6
6/25/2020 6:48 PM	-0.3	2.2	-0.4	-0.5	6.5
6/25/2020 6:54 PM	-0.3	2.3	-0.5	-0.5	6.4
6/25/2020 7:00 PM	-0.3	2.3	-0.5	-0.5	6.3
6/25/2020 7:06 PM	-0.3	2.3	-0.5	-0.4	6.3

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 7:12 PM	-0.3	2.3	-0.6	-0.4	6.1
6/25/2020 7:18 PM	-0.3	2.2	-0.6	-0.4	5.9
6/25/2020 7:24 PM	-0.4	2.2	-0.6	-0.4	5.9
6/25/2020 7:30 PM	-0.4	2.1	-0.6	-0.4	5.9
6/25/2020 7:36 PM	-0.4	2.1	-0.6	-0.4	5.9
6/25/2020 7:42 PM	-0.4	2.1	-0.6	-0.4	5.7
6/25/2020 7:48 PM	-0.4	2.1	-0.6	-0.4	5.5
6/25/2020 7:54 PM	-0.4	2.2	-0.6	-0.5	5.7
6/25/2020 8:00 PM	-0.4	2.2	-0.6	-0.5	5.7
6/25/2020 8:06 PM	-0.4	2.2	-0.6	-0.5	5.6
6/25/2020 8:12 PM	-0.4	2.2	-0.6	-0.4	5.6
6/25/2020 8:18 PM	-0.4	2.2	-0.6	-0.5	5.7
6/25/2020 8:24 PM	-0.4	2.2	-0.6	-0.5	5.8
6/25/2020 8:30 PM	-0.4	2.2	-0.6	-0.4	5.7
6/25/2020 8:36 PM	-0.4	2.2	-0.6	-0.5	5.6
6/25/2020 8:42 PM	-0.4	2.2	-0.6	-0.5	5.6
6/25/2020 8:48 PM	-0.4	2.2	-0.6	-0.5	5.7
6/25/2020 8:54 PM	-0.4	2.3	-0.6	-0.5	5.7
6/25/2020 9:00 PM	-0.4	2.3	-0.6	-0.4	5.9
6/25/2020 9:06 PM	-0.4	2.4	-0.6	-0.4	5.8
6/25/2020 9:12 PM	-0.4	2.4	-0.6	-0.4	5.7
6/25/2020 9:18 PM	-0.4	2.4	-0.6	-0.5	5.6
6/25/2020 9:24 PM	-0.4	2.4	-0.6	-0.5	5.8
6/25/2020 9:30 PM	-0.4	2.4	-0.6	-0.5	5.8
6/25/2020 9:36 PM	-0.4	2.4	-0.6	-0.5	6
6/25/2020 9:42 PM	-0.4	2.4	-0.6	-0.5	6.1
6/25/2020 9:48 PM	-0.4	2.4	-0.6	-0.5	6.1
6/25/2020 9:54 PM	-0.4	2.4	-0.6	-0.5	6.2
6/25/2020 10:00 PM	-0.4	2.4	-0.6	-0.5	6.2
6/25/2020 10:06 PM	-0.4	2.3	-0.6	-0.5	6
6/25/2020 10:12 PM	-0.4	2.3	-0.6	-0.4	5.9
6/25/2020 10:18 PM	-0.4	2.3	-0.6	-0.5	5.9
6/25/2020 10:24 PM	-0.4	2.3	-0.5	-0.5	5.9
6/25/2020 10:30 PM	-0.4	2.2	-0.5	-0.5	5.8
6/25/2020 10:36 PM	-0.4	2.2	-0.5	-0.4	5.9
6/25/2020 10:42 PM	-0.4	2.2	-0.5	-0.5	5.9
6/25/2020 10:48 PM	-0.4	2.2	-0.5	-0.5	5.9
6/25/2020 10:54 PM	-0.4	2.2	-0.5	-0.4	5.9
6/25/2020 11:00 PM	-0.4	2.2	-0.5	-0.4	5.7
6/25/2020 11:06 PM	-0.4	2.2	-0.5	-0.4	5.7
6/25/2020 11:12 PM	-0.4	2.2	-0.5	-0.5	5.8
6/25/2020 11:18 PM	-0.4	2.2	-0.5	-0.5	5.8
6/25/2020 11:24 PM	-0.4	2.2	-0.5	-0.5	6
6/25/2020 11:30 PM	-0.4	2.2	-0.5	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/25/2020 11:36 PM	-0.4	2.3	-0.5	-0.4	6
6/25/2020 11:42 PM	-0.4	2.3	-0.5	-0.4	6.2
6/25/2020 11:48 PM	-0.4	2.2	-0.5	-0.4	6.2
6/25/2020 11:54 PM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 12:00 AM	-0.4	2.2	-0.5	-0.4	6.1
6/26/2020 12:06 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 12:12 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 12:18 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 12:24 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 12:30 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 12:36 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 12:42 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 12:48 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 12:54 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 1:00 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 1:06 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 1:12 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 1:18 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 1:24 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 1:30 AM	-0.4	2.2	-0.5	-0.4	6.1
6/26/2020 1:36 AM	-0.4	2.2	-0.5	-0.4	6
6/26/2020 1:42 AM	-0.4	2.2	-0.5	-0.4	6.1
6/26/2020 1:48 AM	-0.4	2.2	-0.5	-0.4	6.1
6/26/2020 1:54 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 2:00 AM	-0.4	2.2	-0.5	-0.4	6.2
6/26/2020 2:06 AM	-0.4	2.2	-0.5	-0.4	6.3
6/26/2020 2:12 AM	-0.4	2.3	-0.5	-0.4	6.3
6/26/2020 2:18 AM	-0.4	2.3	-0.5	-0.4	6.2
6/26/2020 2:24 AM	-0.4	2.3	-0.5	-0.4	6.2
6/26/2020 2:30 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 2:36 AM	-0.5	2.3	-0.5	-0.4	6.4
6/26/2020 2:42 AM	-0.5	2.3	-0.5	-0.4	6.4
6/26/2020 2:48 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 2:54 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 3:00 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 3:06 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 3:12 AM	-0.5	2.3	-0.5	-0.4	6.2
6/26/2020 3:18 AM	-0.5	2.3	-0.5	-0.4	6.3
6/26/2020 3:24 AM	-0.5	2.3	-0.5	-0.4	6.4
6/26/2020 3:30 AM	-0.5	2.2	-0.5	-0.4	6.4
6/26/2020 3:36 AM	-0.5	2.2	-0.5	-0.4	6.7
6/26/2020 3:42 AM	-0.5	2.2	-0.5	-0.4	6.8
6/26/2020 3:48 AM	-0.4	2.2	-0.5	-0.4	6.8
6/26/2020 3:54 AM	-0.4	2.1	-0.5	-0.4	6.9

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/26/2020 4:00 AM	-0.4	2.1	-0.5	-0.4	7.1
6/26/2020 4:06 AM	-0.4	2.1	-0.5	-0.4	7.3
6/26/2020 4:12 AM	-0.4	2.1	-0.5	-0.4	7.2
6/26/2020 4:18 AM	-0.4	2.1	-0.5	-0.4	6.7
6/26/2020 4:24 AM	-0.4	2.1	-0.5	-0.4	5.3
6/26/2020 4:30 AM	-0.4	2.1	-0.5	-0.4	4.2
6/26/2020 4:36 AM	-0.4	2.1	-0.5	-0.4	4.1
6/26/2020 4:42 AM	-0.4	2.1	-0.5	-0.4	4.1
6/26/2020 4:48 AM	-0.4	2.2	-0.5	-0.4	4.2
6/26/2020 4:54 AM	-0.4	2.4	-0.6	-0.4	4.3
6/26/2020 5:00 AM	-0.4	2.7	-0.7	-0.4	4.2
6/26/2020 5:06 AM	-0.4	2.9	-0.8	-0.4	4.2
6/26/2020 5:12 AM	-0.4	3	-0.9	-0.4	3.4
6/26/2020 5:18 AM	-0.4	3	-1	-0.4	2.2
6/26/2020 5:24 AM	-0.4	3.1	-1	-0.4	2.1
6/26/2020 5:30 AM	-0.4	3.1	-1	-0.4	2.2
6/26/2020 5:36 AM	-0.4	3	-1	-0.4	2.2
6/26/2020 5:42 AM	-0.4	3	-1	-0.4	2.2
6/26/2020 5:48 AM	-0.4	3	-1	-0.4	2.3
6/26/2020 5:54 AM	-0.4	3	-1	-0.4	2.3
6/26/2020 6:00 AM	-0.4	2.9	-1	-0.4	2.3
6/26/2020 6:06 AM	-0.4	2.9	-1	-0.4	2.3
6/26/2020 6:12 AM	-0.4	2.9	-1	-0.4	2.3
6/26/2020 6:18 AM	-0.4	2.8	-1	-0.4	2.3
6/26/2020 6:24 AM	-0.4	2.7	-1	-0.4	2.3
6/26/2020 6:30 AM	-0.4	2.7	-1	-0.4	4.4
6/26/2020 6:36 AM	-0.4	2.6	-1	-0.4	6.1
6/26/2020 6:42 AM	-0.4	2.5	-1	-0.5	5.2
6/26/2020 6:48 AM	-0.4	9.9	-0.9	-0.5	4.7
6/26/2020 6:54 AM	-0.4	16.5	-0.8	-0.5	3.1
6/26/2020 7:00 AM	-0.4	8.8	-0.8	-0.5	2.1
6/26/2020 7:06 AM	-0.4	6	-0.9	-0.5	2.2
6/26/2020 7:12 AM	-0.4	5.3	-0.9	-0.5	2.1
6/26/2020 7:18 AM	-0.4	3.7	-0.9	-0.5	2.2
6/26/2020 7:24 AM	-0.4	2.9	-0.9	-0.5	2.1
6/26/2020 7:30 AM	-0.4	3	-0.8	-0.5	2
6/26/2020 7:36 AM	-0.4	3.2	-0.6	-0.5	2
6/26/2020 7:42 AM	-0.4	3	-0.3	-0.4	2
6/26/2020 7:48 AM	-0.3	2.3	-0.2	-0.4	2.1
6/26/2020 7:54 AM	-0.3	1.7	-0.2	-0.4	2.1
6/26/2020 8:00 AM	-0.3	1.2	-0.3	-0.4	2.1
6/26/2020 8:06 AM	-0.3	0.9	-0.5	-0.4	2
6/26/2020 8:12 AM	-0.3	0.7	-0.4	-0.4	2
6/26/2020 8:18 AM	-0.3	0.7	-0.2	-0.4	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/26/2020 8:24 AM	-0.3	0.6	-0.3	-0.4	2
6/26/2020 8:30 AM	-0.3	0.5	-0.4	-0.4	2.1
6/26/2020 8:36 AM	-0.3	0.5	-0.4	-0.4	2.1
6/26/2020 8:42 AM	-0.3	0.5	-0.4	-0.4	2.1
6/26/2020 8:48 AM	-0.3	0.5	-0.4	-0.4	2.1
6/26/2020 8:54 AM	-0.3	0.5	-0.4	-0.4	2.1
6/26/2020 9:00 AM	-0.3	0.5	-0.3	-0.4	2.1
6/26/2020 9:06 AM	-0.3	0.5	-0.3	-0.4	2.1
6/26/2020 9:12 AM	-0.3	0.5	-0.2	<Samp	2.1
6/26/2020 9:18 AM	-0.3	0.5	-0.1	Audit	2.1
6/26/2020 9:24 AM	-0.2	0.5	0	Audit	2.2
6/26/2020 9:30 AM	-0.2	0.4	0.1	Audit	2.1
6/26/2020 9:36 AM	-0.2	0.3	0	Audit	2.1
6/26/2020 9:42 AM	-0.2	0.3	0.1	Audit	2.2
6/26/2020 9:48 AM	-0.2	0.3	0.1	Audit	2.2
6/26/2020 9:54 AM	-0.2	0.3	0.1	Audit	2.3
6/26/2020 10:00 AM	-0.2	0.3	0.1	Audit	2.3
6/26/2020 10:06 AM	-0.2	0.4	0.1	Audit	2.3
6/26/2020 10:12 AM	-0.2	0.4	0	Calib	Calib
6/26/2020 10:18 AM	-0.2	0.3	0	-0.4	Audit
6/26/2020 10:24 AM	-0.2	0.3	0	-0.4	Audit
6/26/2020 10:30 AM	-0.2	0.3	0.1	-0.4	Audit
6/26/2020 10:36 AM	-0.2	0.3	0.1	-0.3	Audit
6/26/2020 10:42 AM	-0.2	0.3	0.1	-0.3	Audit
6/26/2020 10:48 AM	-0.2	0.3	0.1	-0.3	Audit
6/26/2020 10:54 AM	-0.2	0.3	0	-0.3	Audit
6/26/2020 11:00 AM	-0.2	0.3	0	-0.3	Audit
6/26/2020 11:06 AM	-0.2	0.3	0	-0.3	Audit
6/26/2020 11:12 AM	-0.2	0.4	0.1	-0.3	Calib
6/26/2020 11:18 AM	-0.2	0.4	0.1	-0.3	2.4
6/26/2020 11:24 AM	-0.2	0.3	0.1	-0.3	2.4
6/26/2020 11:30 AM	-0.2	0.3	0.1	-0.3	2.3
6/26/2020 11:36 AM	-0.2	0.4	0.1	-0.3	2.3
6/26/2020 11:42 AM	-0.2	0.3	0.1	-0.3	2.3
6/26/2020 11:48 AM	-0.2	0.4	0.1	-0.3	2.3
6/26/2020 11:54 AM	-0.2	0.4	0.1	-0.3	2.4
6/26/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/26/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/26/2020 12:12 PM	-0.3	0.4	0.1	-0.4	2.3
6/26/2020 12:18 PM	-0.3	0.4	0.1	-0.4	2.3
6/26/2020 12:24 PM	-0.3	0.2	0.1	-0.4	2.3
6/26/2020 12:30 PM	-0.3	0.3	0	-0.4	2.3
6/26/2020 12:36 PM	-0.2	0.2	0	-0.4	2.2
6/26/2020 12:42 PM	-0.2	0.2	-0.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/26/2020 12:48 PM	-0.2	0.2	-0.1	-0.4	2.3
6/26/2020 12:54 PM	-0.2	0.2	0	-0.4	2.3
6/26/2020 1:00 PM	-0.2	0.2	0	-0.4	2.3
6/26/2020 1:06 PM	-0.2	0.2	0	-0.4	2.2
6/26/2020 1:12 PM	-0.2	0.2	0.1	-0.4	2.3
6/26/2020 1:18 PM	-0.2	0.2	0.1	-0.4	2.3
6/26/2020 1:24 PM	-0.2	0.2	0	-0.4	2.3
6/26/2020 1:30 PM	-0.2	0.2	0	-0.4	2.3
6/26/2020 1:36 PM	-0.2	0.2	-0.1	-0.3	2.3
6/26/2020 1:42 PM	-0.2	0.3	-0.1	-0.3	2.2
6/26/2020 1:48 PM	-0.2	0.3	0	-0.3	2.2
6/26/2020 1:54 PM	-0.2	0.2	-0.1	-0.3	2.3
6/26/2020 2:00 PM	-0.2	0.3	-0.1	-0.4	2.3
6/26/2020 2:06 PM	-0.2	0.3	-0.1	-0.4	2.2
6/26/2020 2:12 PM	-0.2	0.3	-0.2	-0.3	2.4
6/26/2020 2:18 PM	-0.3	0.2	-0.3	-0.3	2.5
6/26/2020 2:24 PM	-0.3	0.2	-0.3	-0.3	2.5
6/26/2020 2:30 PM	-0.3	0.1	-0.4	-0.3	2.5
6/26/2020 2:36 PM	-0.3	0.2	-0.4	-0.4	2.4
6/26/2020 2:42 PM	-0.3	0.2	-0.4	-0.4	2.4
6/26/2020 2:48 PM	-0.3	0.2	-0.3	-0.4	2.5
6/26/2020 2:54 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:00 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:06 PM	-0.3	0.3	-0.3	-0.3	2.5
6/26/2020 3:12 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:18 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:24 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:30 PM	-0.3	0.3	-0.3	-0.3	2.4
6/26/2020 3:36 PM	-0.3	0.3	-0.3	-0.3	2.5
6/26/2020 3:42 PM	-0.3	0.3	-0.3	-0.3	2.5
6/26/2020 3:48 PM	-0.3	0.2	-0.3	-0.3	2.5
6/26/2020 3:54 PM	-0.3	0.2	-0.3	-0.3	2.5
6/26/2020 4:00 PM	-0.3	0.3	-0.4	-0.3	2.5
6/26/2020 4:06 PM	-0.3	0.3	-0.4	-0.3	2.5
6/26/2020 4:12 PM	-0.3	0.3	-0.4	-0.3	2.5
6/26/2020 4:18 PM	-0.3	0.3	-0.4	-0.3	2.4
6/26/2020 4:24 PM	-0.3	0.2	-0.4	-0.3	2.4
6/26/2020 4:30 PM	-0.3	0.2	-0.4	-0.3	2.4
6/26/2020 4:36 PM	-0.3	0.3	-0.4	-0.3	2.4
6/26/2020 4:42 PM	-0.3	0.3	-0.4	-0.3	2.4
6/26/2020 4:48 PM	-0.3	0.3	-0.5	-0.3	2.4
6/26/2020 4:54 PM	-0.3	0.2	-0.5	-0.3	2.4
6/26/2020 5:00 PM	-0.3	0.2	-0.5	-0.3	2.4
6/26/2020 5:06 PM	-0.3	0.2	-0.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/26/2020 5:12 PM	-0.3	0.2	-0.4	-0.3	2.3
6/26/2020 5:18 PM	-0.3	0.2	-0.4	-0.3	2.2
6/26/2020 5:24 PM	-0.3	0.2	-0.4	-0.3	2.2
6/26/2020 5:30 PM	-0.3	0.2	-0.4	-0.3	2.2
6/26/2020 5:36 PM	-0.3	0.2	-0.4	-0.3	2.2
6/26/2020 5:42 PM	-0.3	0.3	-0.3	-0.3	2.2
6/26/2020 5:48 PM	-0.3	0.3	-0.3	-0.3	2.1
6/26/2020 5:54 PM	-0.3	0.3	-0.3	-0.3	2.1
6/26/2020 6:00 PM	-0.3	0.3	-0.3	-0.3	2.1
6/26/2020 6:06 PM	-0.3	0.3	-0.3	-0.3	2.2
6/26/2020 6:12 PM	-0.3	0.2	-0.3	-0.3	2.2
6/26/2020 6:18 PM	-0.3	0.2	-0.3	-0.3	2.2
6/26/2020 6:24 PM	-0.3	0.2	-0.3	-0.3	2.1
6/26/2020 6:30 PM	-0.3	0.2	-0.3	-0.3	2.2
6/26/2020 6:36 PM	-0.3	0.1	-0.4	-0.3	3.1
6/26/2020 6:42 PM	-0.3	-0.3	-0.4	-0.3	7
6/26/2020 6:48 PM	-0.3	-0.3	-0.3	-0.3	8.5
6/26/2020 6:54 PM	-0.3	-0.3	-0.3	-0.3	7.9
6/26/2020 7:00 PM	-0.4	-0.5	-0.3	-0.3	7.5
6/26/2020 7:06 PM	-0.4	-0.6	-0.3	-0.3	7.2
6/26/2020 7:12 PM	-0.4	-0.6	-0.3	-0.3	7
6/26/2020 7:18 PM	-0.4	-0.6	-0.3	-0.3	6.8
6/26/2020 7:24 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 7:30 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 7:36 PM	-0.4	-0.7	-0.3	-0.3	6.7
6/26/2020 7:42 PM	-0.4	-0.7	-0.3	-0.3	6.7
6/26/2020 7:48 PM	-0.4	-0.7	-0.3	-0.3	6.7
6/26/2020 7:54 PM	-0.4	-0.7	-0.3	-0.3	6.7
6/26/2020 8:00 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 8:06 PM	-0.4	-0.7	-0.3	-0.3	6.5
6/26/2020 8:12 PM	-0.4	-0.7	-0.3	-0.3	6.5
6/26/2020 8:18 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 8:24 PM	-0.4	-0.7	-0.3	-0.3	6.5
6/26/2020 8:30 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 8:36 PM	-0.4	-0.7	-0.3	-0.3	6.6
6/26/2020 8:42 PM	-0.4	-0.7	-0.3	-0.3	6.4
6/26/2020 8:48 PM	-0.4	-0.7	-0.3	-0.3	6.3
6/26/2020 8:54 PM	-0.4	-0.7	-0.3	-0.3	6.3
6/26/2020 9:00 PM	-0.4	-0.7	-0.3	-0.3	6.4
6/26/2020 9:06 PM	-0.4	-0.7	-0.3	-0.3	6.5
6/26/2020 9:12 PM	-0.4	-0.7	-0.3	-0.3	6.5
6/26/2020 9:18 PM	-0.4	-0.7	-0.3	-0.3	6.4
6/26/2020 9:24 PM	-0.4	-0.7	-0.3	-0.3	6.3
6/26/2020 9:30 PM	-0.4	-0.7	-0.3	-0.3	6.2

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/26/2020 9:36 PM	-0.4	-0.7	-0.3	-0.3	6.1
6/26/2020 9:42 PM	-0.4	-0.7	-0.3	-0.3	6
6/26/2020 9:48 PM	-0.4	-0.7	-0.3	-0.3	6
6/26/2020 9:54 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:00 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:06 PM	-0.4	-0.6	-0.3	-0.3	6.1
6/26/2020 10:12 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:18 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:24 PM	-0.4	-0.7	-0.3	-0.3	6.1
6/26/2020 10:30 PM	-0.4	-0.6	-0.3	-0.3	6
6/26/2020 10:36 PM	-0.4	-0.6	-0.3	-0.3	6.1
6/26/2020 10:42 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:48 PM	-0.4	-0.6	-0.3	-0.3	6.2
6/26/2020 10:54 PM	-0.4	-0.6	-0.3	-0.3	6.3
6/26/2020 11:00 PM	-0.4	-0.6	-0.3	-0.3	6.3
6/26/2020 11:06 PM	-0.4	-0.6	-0.3	-0.3	6.3
6/26/2020 11:12 PM	-0.4	-0.6	-0.3	-0.3	6.4
6/26/2020 11:18 PM	-0.4	-0.6	-0.3	-0.3	6.5
6/26/2020 11:24 PM	-0.4	-0.6	-0.3	-0.3	6.4
6/26/2020 11:30 PM	-0.4	-0.6	-0.3	-0.3	6.4
6/26/2020 11:36 PM	-0.4	-0.6	-0.3	-0.3	6.5
6/26/2020 11:42 PM	-0.4	-0.6	-0.3	-0.3	6.4
6/26/2020 11:48 PM	-0.4	-0.6	-0.3	-0.3	6.4
6/26/2020 11:54 PM	-0.4	-0.6	-0.3	-0.3	6.5
6/27/2020 12:00 AM	-0.4	-0.6	-0.3	-0.3	6.5
6/27/2020 12:06 AM	-0.5	-0.6	-0.3	-0.3	6.4
6/27/2020 12:12 AM	-0.5	-0.6	-0.3	-0.3	6.4
6/27/2020 12:18 AM	-0.5	-0.6	-0.3	-0.3	6.5
6/27/2020 12:24 AM	-0.5	-0.6	-0.3	-0.3	6.6
6/27/2020 12:30 AM	-0.5	-0.6	-0.3	-0.3	6.7
6/27/2020 12:36 AM	-0.5	-0.6	-0.3	-0.3	6.7
6/27/2020 12:42 AM	-0.5	-0.5	-0.3	-0.3	6.7
6/27/2020 12:48 AM	-0.5	-0.5	-0.3	-0.3	6.7
6/27/2020 12:54 AM	-0.5	-0.5	-0.3	-0.3	6.7
6/27/2020 1:00 AM	-0.5	-0.5	-0.3	-0.3	6.7
6/27/2020 1:06 AM	-0.5	-0.5	-0.3	-0.3	6.7
6/27/2020 1:12 AM	-0.5	-0.5	-0.3	-0.3	6.6
6/27/2020 1:18 AM	-0.5	-0.5	-0.3	-0.3	6.5
6/27/2020 1:24 AM	-0.5	-0.5	-0.3	-0.3	6.6
6/27/2020 1:30 AM	-0.5	-0.5	-0.3	-0.3	6.6
6/27/2020 1:36 AM	-0.5	-0.5	-0.3	-0.3	4.5
6/27/2020 1:42 AM	-0.5	-0.5	-0.3	-0.3	2.4
6/27/2020 1:48 AM	-0.5	-0.5	-0.3	-0.3	2.6
6/27/2020 1:54 AM	-0.5	-0.5	-0.3	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/27/2020 2:00 AM	-0.5	-0.5	-0.3	-0.3	2.7
6/27/2020 2:06 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 2:12 AM	-0.5	-0.5	-0.3	-0.3	2.9
6/27/2020 2:18 AM	-0.5	-0.5	-0.3	-0.3	3
6/27/2020 2:24 AM	-0.5	-0.5	-0.3	-0.3	2.9
6/27/2020 2:30 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 2:36 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 2:42 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 2:48 AM	-0.5	-0.5	-0.3	-0.3	2.9
6/27/2020 2:54 AM	-0.5	-0.5	-0.3	-0.3	2.9
6/27/2020 3:00 AM	-0.5	-0.5	-0.3	-0.3	2.9
6/27/2020 3:06 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 3:12 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 3:18 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 3:24 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 3:30 AM	-0.5	-0.5	-0.3	-0.3	2.8
6/27/2020 3:36 AM	-0.5	-0.5	-0.3	-0.3	2.5
6/27/2020 3:42 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 3:48 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 3:54 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:00 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:06 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:12 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:18 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:24 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:30 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:36 AM	-0.5	-0.5	-0.3	-0.3	2.3
6/27/2020 4:42 AM	-0.5	-0.5	-0.4	-0.3	2.3
6/27/2020 4:48 AM	-0.5	-0.5	-0.4	-0.3	2.3
6/27/2020 4:54 AM	-0.5	-0.5	-0.5	-0.3	2.3
6/27/2020 5:00 AM	-0.5	-0.5	-0.6	-0.3	2.4
6/27/2020 5:06 AM	-0.5	-0.5	-0.7	-0.3	2.4
6/27/2020 5:12 AM	-0.5	-0.5	-0.7	-0.3	2.5
6/27/2020 5:18 AM	-0.5	-0.5	-0.7	-0.3	2.5
6/27/2020 5:24 AM	-0.5	-0.5	-0.7	-0.3	2.5
6/27/2020 5:30 AM	-0.5	-0.5	-0.7	-0.3	2.5
6/27/2020 5:36 AM	-0.5	-0.5	-0.7	-0.3	2.6
6/27/2020 5:42 AM	-0.5	-0.5	-0.7	-0.3	2.6
6/27/2020 5:48 AM	-0.5	-0.5	-0.7	-0.3	2.6
6/27/2020 5:54 AM	-0.5	-0.5	-0.7	-0.3	2.6
6/27/2020 6:00 AM	-0.5	-0.5	-0.8	-0.3	2.6
6/27/2020 6:06 AM	-0.5	-0.4	-0.8	-0.3	2.5
6/27/2020 6:12 AM	-0.5	-0.4	-0.9	-0.3	2.5
6/27/2020 6:18 AM	-0.5	-0.4	-0.9	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/27/2020 6:24 AM	-0.5	-0.4	-0.9	-0.3	2.5
6/27/2020 6:30 AM	-0.5	-0.4	-0.9	-0.3	2.5
6/27/2020 6:36 AM	-0.5	-0.5	-1	-0.3	2.5
6/27/2020 6:42 AM	-0.5	-0.5	-1	-0.3	2.4
6/27/2020 6:48 AM	-0.5	-0.5	-1	-0.3	2.4
6/27/2020 6:54 AM	-0.5	-0.5	-1	-0.3	2.5
6/27/2020 7:00 AM	-0.5	-0.5	-1	-0.3	2.5
6/27/2020 7:06 AM	-0.5	-0.5	-0.9	-0.3	2.4
6/27/2020 7:12 AM	-0.5	-0.5	-0.8	-0.3	2.5
6/27/2020 7:18 AM	-0.5	-0.5	-0.7	-0.3	2.5
6/27/2020 7:24 AM	-0.5	-0.4	-0.7	-0.3	2.6
6/27/2020 7:30 AM	-0.5	-0.4	-0.6	-0.3	2.6
6/27/2020 7:36 AM	-0.5	-0.5	-0.6	-0.3	2.8
6/27/2020 7:42 AM	-0.5	-0.5	-0.5	-0.3	3.3
6/27/2020 7:48 AM	-0.5	-0.5	-0.5	-0.3	3.4
6/27/2020 7:54 AM	-0.5	-0.5	-0.5	-0.3	3.3
6/27/2020 8:00 AM	-0.5	-0.5	-0.5	-0.3	3.2
6/27/2020 8:06 AM	-0.5	-0.4	-0.4	-0.3	3.2
6/27/2020 8:12 AM	-0.5	-0.4	-0.4	-0.3	3.2
6/27/2020 8:18 AM	-0.4	-0.4	-0.4	-0.3	3.1
6/27/2020 8:24 AM	-0.4	-0.4	-0.4	-0.3	3.2
6/27/2020 8:30 AM	-0.4	-0.4	-0.4	-0.3	3.1
6/27/2020 8:36 AM	-0.4	-0.4	-0.4	-0.3	3.1
6/27/2020 8:42 AM	-0.4	-0.4	-0.5	-0.3	3.1
6/27/2020 8:48 AM	-0.4	7.7	-0.5	-0.3	2.8
6/27/2020 8:54 AM	-0.4	10.6	-0.5	-0.3	2.4
6/27/2020 9:00 AM	-0.4	3.4	-0.5	-0.3	2.3
6/27/2020 9:06 AM	-0.4	2.5	-0.5	-0.3	2.4
6/27/2020 9:12 AM	-0.4	2.6	-0.5	-0.3	2.4
6/27/2020 9:18 AM	-0.4	2.6	-0.4	-0.3	2.4
6/27/2020 9:24 AM	-0.4	2.4	-0.4	-0.3	2.5
6/27/2020 9:30 AM	-0.4	2	-0.4	-0.3	2.5
6/27/2020 9:36 AM	-0.4	1.5	-0.4	-0.2	2.5
6/27/2020 9:42 AM	-0.4	1.2	-0.3	-0.3	2.5
6/27/2020 9:48 AM	-0.4	1.1	-0.3	-0.3	2.5
6/27/2020 9:54 AM	-0.4	0.8	-0.3	-0.3	2.5
6/27/2020 10:00 AM	-0.4	0.7	-0.3	-0.3	2.5
6/27/2020 10:06 AM	-0.4	0.6	-0.3	-0.3	2.6
6/27/2020 10:12 AM	-0.4	0.6	-0.3	-0.3	2.7
6/27/2020 10:18 AM	-0.4	0.5	-0.3	-0.3	2.7
6/27/2020 10:24 AM	-0.4	0.5	-0.3	-0.3	2.7
6/27/2020 10:30 AM	-0.4	0.4	-0.3	-0.3	2.7
6/27/2020 10:36 AM	-0.4	0.4	-0.3	-0.3	2.7
6/27/2020 10:42 AM	-0.4	0.4	-0.3	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/27/2020 10:48 AM	-0.4	0.4	-0.3	-0.3	2.6
6/27/2020 10:54 AM	-0.4	0.4	-0.3	-0.3	2.6
6/27/2020 11:00 AM	-0.4	0.4	-0.3	-0.3	2.6
6/27/2020 11:06 AM	-0.4	0.3	-0.4	-0.3	2.7
6/27/2020 11:12 AM	-0.4	0.2	-0.4	-0.3	2.7
6/27/2020 11:18 AM	-0.4	0.2	-0.5	-0.3	2.7
6/27/2020 11:24 AM	-0.4	0.3	-0.5	-0.3	2.7
6/27/2020 11:30 AM	-0.4	0.3	-0.6	-0.3	2.6
6/27/2020 11:36 AM	-0.4	0.3	-0.6	-0.3	2.6
6/27/2020 11:42 AM	-0.4	0.3	-0.6	-0.3	2.7
6/27/2020 11:48 AM	-0.4	0.4	-0.7	-0.3	2.8
6/27/2020 11:54 AM	-0.4	0.4	-0.7	-0.3	2.8
6/27/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/27/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/27/2020 12:12 PM	-0.4	0.4	-0.6	-0.3	2.8
6/27/2020 12:18 PM	-0.4	0.2	-0.5	-0.3	2.8
6/27/2020 12:24 PM	-0.4	0.2	-0.5	-0.3	2.8
6/27/2020 12:30 PM	-0.4	0.2	-0.4	-0.3	2.8
6/27/2020 12:36 PM	-0.4	0.3	-0.5	-0.3	2.8
6/27/2020 12:42 PM	-0.4	0.3	-0.5	-0.3	2.7
6/27/2020 12:48 PM	-0.4	0.3	-0.5	-0.3	2.6
6/27/2020 12:54 PM	-0.4	0.3	-0.5	-0.3	2.7
6/27/2020 1:00 PM	-0.4	0.2	-0.5	-0.3	2.7
6/27/2020 1:06 PM	-0.4	0.2	-0.5	-0.3	2.7
6/27/2020 1:12 PM	-0.4	0.3	-0.5	-0.3	2.7
6/27/2020 1:18 PM	-0.4	0.3	-0.6	-0.3	2.8
6/27/2020 1:24 PM	-0.4	0.2	-0.6	-0.3	2.8
6/27/2020 1:30 PM	-0.4	0.3	-0.6	-0.2	2.8
6/27/2020 1:36 PM	-0.4	0.3	-0.6	-0.2	2.8
6/27/2020 1:42 PM	-0.4	0.2	-0.8	-0.2	2.9
6/27/2020 1:48 PM	-0.4	0.2	-0.9	-0.2	2.9
6/27/2020 1:54 PM	-0.4	0.2	-0.8	-0.2	2.9
6/27/2020 2:00 PM	-0.4	0.2	-0.8	-0.2	2.9
6/27/2020 2:06 PM	-0.4	0.3	-0.8	-0.2	2.9
6/27/2020 2:12 PM	-0.4	0.3	-0.7	-0.2	2.9
6/27/2020 2:18 PM	-0.4	0.3	-0.7	-0.2	2.9
6/27/2020 2:24 PM	-0.4	0.3	-0.6	-0.2	2.9
6/27/2020 2:30 PM	-0.4	0.3	-0.5	-0.2	2.9
6/27/2020 2:36 PM	-0.4	0.2	-0.5	-0.2	2.8
6/27/2020 2:42 PM	-0.4	0.3	-0.5	-0.2	2.9
6/27/2020 2:48 PM	-0.4	0.3	-0.5	-0.2	2.8
6/27/2020 2:54 PM	-0.4	0.4	-0.5	-0.2	2.8
6/27/2020 3:00 PM	-0.4	0.4	-0.5	-0.2	2.8
6/27/2020 3:06 PM	-0.4	0.4	-0.5	-0.2	2.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/27/2020 3:12 PM	-0.4	0.3	-0.5	-0.2	2.8
6/27/2020 3:18 PM	-0.4	0.3	-0.5	-0.2	2.8
6/27/2020 3:24 PM	-0.4	0.3	-0.4	-0.2	2.8
6/27/2020 3:30 PM	-0.4	0.3	-0.4	-0.2	2.8
6/27/2020 3:36 PM	-0.4	0.4	-0.4	-0.2	2.8
6/27/2020 3:42 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 3:48 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 3:54 PM	-0.4	0.4	-0.3	-0.2	2.8
6/27/2020 4:00 PM	-0.4	0.4	-0.3	-0.2	2.8
6/27/2020 4:06 PM	-0.4	0.3	-0.3	-0.2	2.9
6/27/2020 4:12 PM	-0.4	0.3	-0.3	-0.2	2.9
6/27/2020 4:18 PM	-0.4	0.3	-0.3	-0.2	2.9
6/27/2020 4:24 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 4:30 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 4:36 PM	-0.4	0.3	-0.4	-0.2	2.9
6/27/2020 4:42 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 4:48 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 4:54 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 5:00 PM	-0.4	0.4	-0.4	-0.2	3
6/27/2020 5:06 PM	-0.4	0.4	-0.4	-0.2	3
6/27/2020 5:12 PM	-0.4	0.4	-0.4	-0.2	2.9
6/27/2020 5:18 PM	-0.3	0.4	-0.3	-0.2	2.9
6/27/2020 5:24 PM	-0.4	0.4	-0.2	-0.1	2.9
6/27/2020 5:30 PM	-0.4	0.4	-0.2	-0.1	2.9
6/27/2020 5:36 PM	-0.4	1.3	-0.2	-0.2	2.9
6/27/2020 5:42 PM	-0.4	1.8	-0.2	-0.2	2.8
6/27/2020 5:48 PM	-0.4	1.1	-0.2	-0.2	2.8
6/27/2020 5:54 PM	-0.4	0.9	-0.2	-0.2	3
6/27/2020 6:00 PM	-0.4	0.8	-0.2	-0.2	3.1
6/27/2020 6:06 PM	-0.4	0.7	-0.2	-0.2	3
6/27/2020 6:12 PM	-0.4	0.8	-0.2	-0.2	2.9
6/27/2020 6:18 PM	-0.4	0.8	-0.2	-0.2	3
6/27/2020 6:24 PM	-0.4	0.7	-0.2	-0.2	3
6/27/2020 6:30 PM	-0.4	0.6	-0.2	-0.2	3.1
6/27/2020 6:36 PM	-0.4	0.4	-0.2	-0.2	3
6/27/2020 6:42 PM	-0.4	0.3	-0.2	-0.2	2.7
6/27/2020 6:48 PM	-0.4	0.3	-0.2	-0.2	2.6
6/27/2020 6:54 PM	-0.4	0.3	-0.2	-0.2	2.6
6/27/2020 7:00 PM	-0.4	0.4	-0.2	-0.2	2.7
6/27/2020 7:06 PM	-0.4	0.6	-0.2	-0.2	2.9
6/27/2020 7:12 PM	-0.4	0.7	-0.2	-0.2	3.1
6/27/2020 7:18 PM	-0.4	0.8	-0.2	-0.2	3.1
6/27/2020 7:24 PM	-0.4	0.7	-0.2	-0.2	3.2
6/27/2020 7:30 PM	-0.4	0.7	-0.2	-0.2	3.3

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/27/2020 7:36 PM	-0.4	0.7	-0.2	-0.2	3.3
6/27/2020 7:42 PM	-0.4	0.7	-0.2	-0.2	3.3
6/27/2020 7:48 PM	-0.4	0.7	-0.2	-0.2	3.3
6/27/2020 7:54 PM	-0.4	0.7	-0.2	-0.2	3.3
6/27/2020 8:00 PM	-0.4	0.7	-0.2	-0.2	3.2
6/27/2020 8:06 PM	-0.4	0.6	-0.2	-0.2	3.2
6/27/2020 8:12 PM	-0.4	0.6	-0.2	-0.2	3.1
6/27/2020 8:18 PM	-0.4	0.7	-0.2	-0.2	3.1
6/27/2020 8:24 PM	-0.4	0.6	-0.1	-0.2	3
6/27/2020 8:30 PM	-0.4	0.6	-0.1	-0.2	3
6/27/2020 8:36 PM	-0.4	0.6	-0.1	-0.2	3
6/27/2020 8:42 PM	-0.4	0.6	-0.1	-0.2	3
6/27/2020 8:48 PM	-0.4	0.5	-0.1	-0.2	3
6/27/2020 8:54 PM	-0.4	0.5	-0.1	-0.2	3
6/27/2020 9:00 PM	-0.4	0.6	-0.1	-0.2	3
6/27/2020 9:06 PM	-0.4	0.6	-0.1	-0.2	3.1
6/27/2020 9:12 PM	-0.4	0.5	-0.1	-0.2	3.2
6/27/2020 9:18 PM	-0.4	0.5	-0.1	-0.2	3.1
6/27/2020 9:24 PM	-0.4	0.4	-0.1	-0.2	3.1
6/27/2020 9:30 PM	-0.4	0.4	-0.1	-0.2	3.1
6/27/2020 9:36 PM	-0.4	0.4	-0.1	-0.2	3.1
6/27/2020 9:42 PM	-0.4	0.4	-0.1	-0.2	3.1
6/27/2020 9:48 PM	-0.4	0.3	-0.1	-0.2	3
6/27/2020 9:54 PM	-0.4	0.3	-0.1	-0.2	3
6/27/2020 10:00 PM	-0.4	0.3	-0.1	-0.2	3
6/27/2020 10:06 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 10:12 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 10:18 PM	-0.4	0.4	-0.1	-0.2	3.1
6/27/2020 10:24 PM	-0.4	0.4	-0.1	-0.2	3.2
6/27/2020 10:30 PM	-0.4	0.4	-0.1	-0.2	3.2
6/27/2020 10:36 PM	-0.4	0.4	-0.1	-0.2	3.2
6/27/2020 10:42 PM	-0.4	0.3	-0.1	-0.2	3.2
6/27/2020 10:48 PM	-0.4	0.3	-0.1	-0.2	3.2
6/27/2020 10:54 PM	-0.4	0.3	-0.1	-0.2	3.2
6/27/2020 11:00 PM	-0.4	0.3	-0.1	-0.2	3
6/27/2020 11:06 PM	-0.4	0.3	-0.1	-0.2	2.9
6/27/2020 11:12 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:18 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:24 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:30 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:36 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:42 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:48 PM	-0.4	0.4	-0.1	-0.2	3
6/27/2020 11:54 PM	-0.4	0.5	-0.1	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 12:00 AM	-0.4	0.6	-0.1	-0.2	3
6/28/2020 12:06 AM	-0.4	0.5	-0.1	-0.2	3
6/28/2020 12:12 AM	-0.4	0.4	-0.1	-0.2	3
6/28/2020 12:18 AM	-0.4	0.4	-0.2	-0.2	3
6/28/2020 12:24 AM	-0.4	0.3	-0.2	-0.2	3
6/28/2020 12:30 AM	-0.5	0.3	-0.2	-0.2	2.9
6/28/2020 12:36 AM	-0.5	0.4	-0.2	-0.2	2.9
6/28/2020 12:42 AM	-0.5	0.3	-0.2	-0.2	2.9
6/28/2020 12:48 AM	-0.5	0.3	-0.2	-0.2	2.9
6/28/2020 12:54 AM	-0.5	0.3	-0.2	-0.2	2.9
6/28/2020 1:00 AM	-0.5	0.9	-0.2	-0.2	2.1
6/28/2020 1:06 AM	-0.5	1.3	-0.2	-0.2	0.6
6/28/2020 1:12 AM	-0.5	1.1	-0.2	-0.2	0.2
6/28/2020 1:18 AM	-0.5	1	-0.2	-0.2	0.2
6/28/2020 1:24 AM	-0.5	0.9	-0.2	-0.2	0.1
6/28/2020 1:30 AM	-0.5	0.9	-0.2	-0.2	0.1
6/28/2020 1:36 AM	-0.5	0.8	-0.2	-0.2	0.1
6/28/2020 1:42 AM	-0.5	0.8	-0.1	-0.2	0.1
6/28/2020 1:48 AM	-0.5	0.8	-0.1	-0.2	0.1
6/28/2020 1:54 AM	-0.5	0.8	-0.1	-0.2	0.1
6/28/2020 2:00 AM	-0.5	0.7	-0.1	-0.2	0.1
6/28/2020 2:06 AM	-0.5	0.7	-0.1	-0.2	0.1
6/28/2020 2:12 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:18 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:24 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:30 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:36 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:42 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:48 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 2:54 AM	-0.5	0.7	-0.2	-0.2	0.1
6/28/2020 3:00 AM	-0.5	0.6	-0.2	-0.2	0.1
6/28/2020 3:06 AM	-0.5	0.7	-0.1	-0.2	0.1
6/28/2020 3:12 AM	-0.5	0.6	-0.2	-0.2	0.1
6/28/2020 3:18 AM	-0.5	0.6	-0.2	-0.2	0.1
6/28/2020 3:24 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 3:30 AM	-0.5	0.5	-0.1	-0.2	0.1
6/28/2020 3:36 AM	-0.5	0.5	-0.1	-0.2	0.1
6/28/2020 3:42 AM	-0.5	0.5	-0.1	-0.2	0.1
6/28/2020 3:48 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 3:54 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 4:00 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 4:06 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 4:12 AM	-0.5	0.6	-0.1	-0.2	0.1
6/28/2020 4:18 AM	-0.4	0.6	-0.1	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 4:24 AM	-0.4	0.7	-0.1	-0.2	0.2
6/28/2020 4:30 AM	-0.4	0.6	-0.2	-0.2	0.2
6/28/2020 4:36 AM	-0.4	0.7	-0.2	-0.2	0.1
6/28/2020 4:42 AM	-0.4	0.7	-0.2	-0.2	0.1
6/28/2020 4:48 AM	-0.4	0.6	-0.2	-0.2	0.1
6/28/2020 4:54 AM	-0.4	0.5	-0.3	-0.2	0.1
6/28/2020 5:00 AM	-0.4	0.6	-0.3	-0.2	0.1
6/28/2020 5:06 AM	-0.4	0.6	-0.4	-0.2	0.1
6/28/2020 5:12 AM	-0.4	0.6	-0.4	-0.2	0.1
6/28/2020 5:18 AM	-0.4	0.6	-0.5	-0.2	0.1
6/28/2020 5:24 AM	-0.4	0.7	-0.5	-0.2	0.1
6/28/2020 5:30 AM	-0.4	0.7	-0.7	-0.2	0.1
6/28/2020 5:36 AM	-0.4	0.4	-0.8	-0.2	0.1
6/28/2020 5:42 AM	-0.4	0.2	-0.9	-0.2	0.1
6/28/2020 5:48 AM	-0.4	0.2	-0.9	-0.2	0.1
6/28/2020 5:54 AM	-0.4	0.2	-1	-0.2	0.1
6/28/2020 6:00 AM	-0.4	0.3	-1	-0.2	0.1
6/28/2020 6:06 AM	-0.4	0.2	-1	-0.2	0.1
6/28/2020 6:12 AM	-0.4	0.2	-1	-0.2	0.1
6/28/2020 6:18 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 6:24 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 6:30 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 6:36 AM	-0.4	0.4	-1	-0.3	0.1
6/28/2020 6:42 AM	-0.4	0.4	-1	-0.3	0.1
6/28/2020 6:48 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 6:54 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 7:00 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 7:06 AM	-0.4	0.3	-1	-0.3	0.1
6/28/2020 7:12 AM	-0.4	0.4	-0.9	-0.3	0.1
6/28/2020 7:18 AM	-0.4	0.4	-0.9	-0.3	0.1
6/28/2020 7:24 AM	-0.4	0.4	-0.9	-0.3	0.1
6/28/2020 7:30 AM	-0.4	0.5	-0.9	-0.3	0.1
6/28/2020 7:36 AM	-0.4	0.5	-0.9	-0.3	0.1
6/28/2020 7:42 AM	-0.4	0.4	-0.9	-0.3	0.1
6/28/2020 7:48 AM	-0.4	0.4	-0.8	-0.3	0.1
6/28/2020 7:54 AM	-0.3	0.4	-0.8	-0.3	0.1
6/28/2020 8:00 AM	-0.3	0.4	-0.8	-0.3	0.1
6/28/2020 8:06 AM	-0.3	0.4	-0.8	-0.3	0.1
6/28/2020 8:12 AM	-0.3	0.3	-0.8	-0.3	0.1
6/28/2020 8:18 AM	-0.3	0.3	-0.7	-0.3	0.1
6/28/2020 8:24 AM	-0.3	0.3	-0.6	-0.3	0.1
6/28/2020 8:30 AM	-0.3	0.3	-0.6	-0.3	0.1
6/28/2020 8:36 AM	-0.3	0.3	-0.6	-0.3	0.1
6/28/2020 8:42 AM	-0.3	0.3	-0.5	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 8:48 AM	-0.3	0.3	-0.4	-0.3	0.1
6/28/2020 8:54 AM	-0.3	0.5	-0.3	-0.3	0.1
6/28/2020 9:00 AM	-0.3	0.9	-0.2	-0.3	0.1
6/28/2020 9:06 AM	-0.3	0.9	0	-0.3	0.1
6/28/2020 9:12 AM	-0.3	0.9	0.1	-0.3	0.1
6/28/2020 9:18 AM	-0.2	0.9	0.1	-0.3	0.1
6/28/2020 9:24 AM	-0.2	0.8	0.1	-0.3	0.1
6/28/2020 9:30 AM	-0.2	0.8	0.1	-0.3	0.1
6/28/2020 9:36 AM	-0.2	0.8	0.1	-0.3	0.1
6/28/2020 9:42 AM	-0.2	0.8	0.1	-0.3	0.1
6/28/2020 9:48 AM	-0.2	0.8	0.1	-0.3	0.1
6/28/2020 9:54 AM	-0.2	0.7	0.1	-0.3	0.1
6/28/2020 10:00 AM	-0.2	0.7	0.1	-0.3	0.1
6/28/2020 10:06 AM	-0.2	0.8	0.1	-0.2	0.1
6/28/2020 10:12 AM	-0.2	0.8	0.1	-0.2	0.1
6/28/2020 10:18 AM	-0.2	1.9	0.1	-0.2	0.1
6/28/2020 10:24 AM	-0.2	2.4	0.1	-0.2	0.1
6/28/2020 10:30 AM	-0.2	2.1	0.1	-0.2	0.1
6/28/2020 10:36 AM	-0.3	2	0.1	-0.2	0.1
6/28/2020 10:42 AM	-0.3	2	0.1	-0.2	0.1
6/28/2020 10:48 AM	-0.3	2	0.1	-0.3	0.1
6/28/2020 10:54 AM	-0.3	1.9	0.1	-0.3	0.1
6/28/2020 11:00 AM	-0.3	1.9	0.1	-0.3	0.1
6/28/2020 11:06 AM	-0.3	1.9	0.2	-0.3	0.1
6/28/2020 11:12 AM	-0.3	2	0.2	-0.2	0.1
6/28/2020 11:18 AM	-0.3	1.9	0.2	-0.2	0.1
6/28/2020 11:24 AM	-0.3	1.9	0.2	-0.2	0.1
6/28/2020 11:30 AM	-0.3	1.9	0.1	-0.2	0.1
6/28/2020 11:36 AM	-0.3	1.8	0.1	-0.2	0.1
6/28/2020 11:42 AM	-0.3	1.8	0.2	-0.2	0.1
6/28/2020 11:48 AM	-0.3	1.5	0.2	-0.2	10.2
6/28/2020 11:54 AM	-0.3	0.7	0.2	-0.2	12.1
6/28/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/28/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/28/2020 12:12 PM	-0.1	0.3	0	-0.3	6.3
6/28/2020 12:18 PM	-0.1	0.4	0	-0.3	6.2
6/28/2020 12:24 PM	-0.1	0.4	-0.1	-0.2	5.7
6/28/2020 12:30 PM	-0.1	0.4	-0.1	-0.2	4.9
6/28/2020 12:36 PM	-0.1	0.4	-0.1	-0.2	4.2
6/28/2020 12:42 PM	-0.1	0.4	-0.2	-0.2	3.8
6/28/2020 12:48 PM	-0.1	0.4	-0.2	-0.2	3.4
6/28/2020 12:54 PM	-0.1	0.4	-0.1	-0.2	3.2
6/28/2020 1:00 PM	-0.1	0.4	-0.1	-0.3	3.1
6/28/2020 1:06 PM	-0.1	0.4	-0.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 1:12 PM	-0.1	0.4	0	-0.3	3
6/28/2020 1:18 PM	-0.1	0.4	-0.1	-0.3	2.9
6/28/2020 1:24 PM	-0.1	0.4	-0.1	-0.2	2.9
6/28/2020 1:30 PM	-0.1	0.4	-0.2	-0.2	2.9
6/28/2020 1:36 PM	-0.1	0.4	-0.2	-0.2	2.9
6/28/2020 1:42 PM	-0.1	0.4	-0.2	-0.2	2.9
6/28/2020 1:48 PM	-0.1	0.5	-0.2	-0.2	2.9
6/28/2020 1:54 PM	-0.1	0.5	-0.3	-0.2	2.9
6/28/2020 2:00 PM	-0.1	0.4	-0.3	-0.2	2.9
6/28/2020 2:06 PM	-0.1	0.4	-0.3	-0.2	3
6/28/2020 2:12 PM	-0.1	0.5	-0.3	-0.2	3
6/28/2020 2:18 PM	-0.1	0.5	-0.3	-0.2	3
6/28/2020 2:24 PM	-0.1	0.5	-0.3	-0.2	3
6/28/2020 2:30 PM	-0.1	0.5	-0.3	-0.2	3.1
6/28/2020 2:36 PM	-0.1	0.5	-0.4	-0.2	3.1
6/28/2020 2:42 PM	-0.1	0.4	-0.4	-0.2	3.1
6/28/2020 2:48 PM	-0.1	0.4	-0.5	-0.2	3.1
6/28/2020 2:54 PM	-0.2	0.4	-0.5	-0.2	3.1
6/28/2020 3:00 PM	-0.2	0.4	-0.5	-0.2	3.1
6/28/2020 3:06 PM	-0.2	0.4	-0.5	-0.2	3
6/28/2020 3:12 PM	-0.2	0.4	-0.5	-0.2	2.9
6/28/2020 3:18 PM	-0.2	0.4	-0.6	-0.2	2.9
6/28/2020 3:24 PM	-0.2	0.3	-0.6	-0.2	2.9
6/28/2020 3:30 PM	-0.2	0.3	-0.6	-0.2	2.9
6/28/2020 3:36 PM	-0.2	0.3	-0.6	-0.2	2.9
6/28/2020 3:42 PM	-0.2	0.3	-0.6	-0.2	2.9
6/28/2020 3:48 PM	-0.2	0.3	-0.6	-0.2	2.8
6/28/2020 3:54 PM	-0.2	0.2	-0.6	-0.2	2.8
6/28/2020 4:00 PM	-0.2	0.2	-0.6	-0.2	2.5
6/28/2020 4:06 PM	-0.2	0.3	-0.5	-0.2	2.4
6/28/2020 4:12 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 4:18 PM	-0.2	0.4	-0.5	-0.2	2.4
6/28/2020 4:24 PM	-0.2	0.4	-0.5	-0.2	2.4
6/28/2020 4:30 PM	-0.2	0.4	-0.5	-0.2	2.4
6/28/2020 4:36 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 4:42 PM	-0.2	0.4	-0.5	-0.2	2.4
6/28/2020 4:48 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 4:54 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 5:00 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 5:06 PM	-0.2	0.4	-0.5	-0.2	2.5
6/28/2020 5:12 PM	-0.2	0.4	-0.5	-0.2	2.6
6/28/2020 5:18 PM	-0.3	0.4	-0.5	-0.2	2.6
6/28/2020 5:24 PM	-0.3	0.4	-0.5	-0.2	2.7
6/28/2020 5:30 PM	-0.2	0.3	-0.5	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 5:36 PM	-0.2	0.3	-0.4	-0.2	2.7
6/28/2020 5:42 PM	-0.2	0.3	-0.4	-0.2	2.7
6/28/2020 5:48 PM	-0.2	0.4	-0.4	-0.2	2.6
6/28/2020 5:54 PM	-0.2	0.4	-0.3	-0.2	2.6
6/28/2020 6:00 PM	-0.2	0.6	-0.3	-0.1	2.7
6/28/2020 6:06 PM	-0.2	0.6	-0.4	-0.1	2.7
6/28/2020 6:12 PM	-0.3	0.5	-0.4	-0.1	2.6
6/28/2020 6:18 PM	-0.3	0.5	-0.5	-0.2	2.6
6/28/2020 6:24 PM	-0.3	0.4	-0.5	-0.2	2.6
6/28/2020 6:30 PM	-0.3	0.4	-0.5	-0.2	2.6
6/28/2020 6:36 PM	-0.3	0.4	-0.5	-0.2	2.6
6/28/2020 6:42 PM	-0.3	0.4	-0.6	-0.2	2.5
6/28/2020 6:48 PM	-0.3	0.3	-0.6	-0.2	2.5
6/28/2020 6:54 PM	-0.3	0.3	-0.6	-0.2	2.6
6/28/2020 7:00 PM	-0.3	0.3	-0.6	-0.2	2.6
6/28/2020 7:06 PM	-0.3	0.3	-0.6	-0.2	2.8
6/28/2020 7:12 PM	-0.3	0.3	-0.6	-0.2	2.9
6/28/2020 7:18 PM	-0.4	0.4	-0.5	-0.2	2.9
6/28/2020 7:24 PM	-0.3	0.3	-0.5	-0.2	2.9
6/28/2020 7:30 PM	-0.3	0.5	-0.5	-0.2	3.3
6/28/2020 7:36 PM	-0.3	0.8	-0.5	-0.2	3.7
6/28/2020 7:42 PM	-0.3	0.7	-0.5	-0.2	3.6
6/28/2020 7:48 PM	-0.3	2	-0.5	-0.2	6.3
6/28/2020 7:54 PM	-0.3	3.1	-0.4	-0.2	10.1
6/28/2020 8:00 PM	-0.3	2.4	-0.4	-0.2	9.9
6/28/2020 8:06 PM	-0.3	2.2	-0.4	-0.2	9.3
6/28/2020 8:12 PM	-0.3	2.3	-0.4	-0.2	8.6
6/28/2020 8:18 PM	-0.3	2.2	-0.4	-0.2	8.4
6/28/2020 8:24 PM	-0.3	2.2	-0.4	-0.2	8.4
6/28/2020 8:30 PM	-0.3	2.1	-0.4	-0.2	8.2
6/28/2020 8:36 PM	-0.3	2.2	-0.4	-0.2	8.3
6/28/2020 8:42 PM	-0.3	2.2	-0.4	-0.2	8.4
6/28/2020 8:48 PM	-0.3	2.2	-0.4	-0.2	8.6
6/28/2020 8:54 PM	-0.3	2.3	-0.4	-0.2	8.6
6/28/2020 9:00 PM	-0.3	2.2	-0.4	-0.2	8.7
6/28/2020 9:06 PM	-0.3	2.2	-0.4	-0.2	8.6
6/28/2020 9:12 PM	-0.3	2.1	-0.4	-0.2	8.3
6/28/2020 9:18 PM	-0.3	2	-0.4	-0.2	8
6/28/2020 9:24 PM	-0.3	2	-0.4	-0.2	7.8
6/28/2020 9:30 PM	-0.3	2	-0.3	-0.2	7.8
6/28/2020 9:36 PM	-0.3	2	-0.3	-0.2	7.8
6/28/2020 9:42 PM	-0.3	2	-0.3	-0.2	7.8
6/28/2020 9:48 PM	-0.3	1.9	-0.3	-0.2	8
6/28/2020 9:54 PM	-0.3	1.9	-0.4	-0.2	8.5

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/28/2020 10:00 PM	-0.3	1	-0.4	-0.2	5.5
6/28/2020 10:06 PM	-0.3	0.1	-0.4	-0.2	2.3
6/28/2020 10:12 PM	-0.3	0.1	-0.4	-0.2	2.5
6/28/2020 10:18 PM	-0.3	0.1	-0.4	-0.2	2.7
6/28/2020 10:24 PM	-0.3	0.1	-0.4	-0.2	2.7
6/28/2020 10:30 PM	-0.3	0.1	-0.4	-0.2	2.7
6/28/2020 10:36 PM	-0.3	0.1	-0.4	-0.2	2.8
6/28/2020 10:42 PM	-0.3	0.1	-0.4	-0.2	2.8
6/28/2020 10:48 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 10:54 PM	-0.3	0.5	-0.4	-0.2	2.7
6/28/2020 11:00 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:06 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:12 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:18 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:24 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:30 PM	-0.3	0.3	-0.4	-0.2	2.8
6/28/2020 11:36 PM	-0.3	0.3	-0.4	-0.2	2.7
6/28/2020 11:42 PM	-0.3	0.3	-0.4	-0.2	2.6
6/28/2020 11:48 PM	-0.3	0.4	-0.4	-0.2	2.6
6/28/2020 11:54 PM	-0.3	0.5	-0.4	-0.2	2.7
6/29/2020 12:00 AM	-0.3	0.5	-0.4	-0.2	2.7
6/29/2020 12:06 AM	-0.3	0.5	-0.4	-0.2	2.7
6/29/2020 12:12 AM	-0.3	3.1	-0.4	-0.2	1.6
6/29/2020 12:18 AM	-0.3	3.9	-0.4	-0.2	0.2
6/29/2020 12:24 AM	-0.3	3	-0.3	-0.2	0.1
6/29/2020 12:30 AM	-0.3	2.6	-0.3	-0.2	0
6/29/2020 12:36 AM	-0.3	2.4	-0.3	-0.2	0.1
6/29/2020 12:42 AM	-0.3	2.3	-0.3	-0.2	0.1
6/29/2020 12:48 AM	-0.3	2.2	-0.3	-0.2	0.1
6/29/2020 12:54 AM	-0.3	2.2	-0.3	-0.2	0.1
6/29/2020 1:00 AM	-0.3	2.1	-0.3	-0.2	0
6/29/2020 1:06 AM	-0.3	2.1	-0.3	-0.2	0
6/29/2020 1:12 AM	-0.3	2.1	-0.3	-0.2	0
6/29/2020 1:18 AM	-0.3	2.1	-0.3	-0.2	0.1
6/29/2020 1:24 AM	-0.3	2.1	-0.3	-0.2	0.1
6/29/2020 1:30 AM	-0.3	2.1	-0.3	-0.2	0.1
6/29/2020 1:36 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 1:42 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 1:48 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 1:54 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 2:00 AM	-0.3	2.1	-0.3	-0.2	0.1
6/29/2020 2:06 AM	-0.3	2.1	-0.3	-0.2	0.1
6/29/2020 2:12 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 2:18 AM	-0.3	2	-0.3	-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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/29/2020 2:24 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 2:30 AM	-0.3	2	-0.3	-0.2	0
6/29/2020 2:36 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 2:42 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 2:48 AM	-0.3	2	-0.3	-0.2	0
6/29/2020 2:54 AM	-0.3	1.9	-0.3	-0.2	0
6/29/2020 3:00 AM	-0.3	1.9	-0.3	-0.2	0.1
6/29/2020 3:06 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 3:12 AM	-0.3	2	-0.3	-0.2	0.1
6/29/2020 3:18 AM	-0.3	2	-0.3	-0.2	0
6/29/2020 3:24 AM	-0.3	2	-0.3	-0.2	0
6/29/2020 3:30 AM	-0.3	1.9	-0.3	-0.2	0.1
6/29/2020 3:36 AM	-0.3	1.9	-0.3	-0.2	0.1
6/29/2020 3:42 AM	-0.3	1.9	-0.3	-0.2	0.1
6/29/2020 3:48 AM	-0.3	1.9	-0.3	-0.2	0.1
6/29/2020 3:54 AM	-0.3	1.8	-0.3	-0.2	0.1
6/29/2020 4:00 AM	-0.3	1.1	-0.3	-0.2	0
6/29/2020 4:06 AM	-0.3	0.4	-0.4	-0.2	0.1
6/29/2020 4:12 AM	-0.4	0.4	-0.3	-0.2	0.1
6/29/2020 4:18 AM	-0.4	0.4	-0.3	-0.2	0.1
6/29/2020 4:24 AM	-0.4	0.4	-0.3	-0.2	0
6/29/2020 4:30 AM	-0.4	0.4	-0.3	-0.2	0
6/29/2020 4:36 AM	-0.4	0.3	-0.3	-0.2	0
6/29/2020 4:42 AM	-0.4	0.3	-0.3	-0.2	0
6/29/2020 4:48 AM	-0.4	0.3	-0.4	-0.2	0
6/29/2020 4:54 AM	-0.4	0.3	-0.4	-0.2	0
6/29/2020 5:00 AM	-0.4	0.3	-0.6	-0.2	0
6/29/2020 5:06 AM	-0.4	0.4	-0.7	-0.2	0
6/29/2020 5:12 AM	-0.4	0.3	-0.8	-0.2	0
6/29/2020 5:18 AM	-0.4	0.3	-0.9	-0.2	0
6/29/2020 5:24 AM	-0.4	0.3	-1	-0.2	0
6/29/2020 5:30 AM	-0.4	0.4	-1.1	-0.2	0
6/29/2020 5:36 AM	-0.4	0.4	-1.1	-0.2	0
6/29/2020 5:42 AM	-0.4	0.4	-1.1	-0.2	0.1
6/29/2020 5:48 AM	-0.4	0.4	-1.1	-0.2	0
6/29/2020 5:54 AM	-0.4	0.4	-1.1	-0.2	0.1
6/29/2020 6:00 AM	-0.4	0.4	-1.1	-0.2	0
6/29/2020 6:06 AM	-0.4	0.4	-1.1	-0.2	0
6/29/2020 6:12 AM	-0.4	0.4	-1.1	-0.3	0
6/29/2020 6:18 AM	-0.4	0.4	-1.1	-0.3	0
6/29/2020 6:24 AM	-0.4	1.5	-1.1	-0.3	0
6/29/2020 6:30 AM	-0.3	2.6	-1.1	-0.3	0
6/29/2020 6:36 AM	-0.3	2.3	-1.1	-0.3	0
6/29/2020 6:42 AM	-0.3	2.3	-1.1	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/29/2020 6:48 AM	-0.3	2.2	-1.1	-0.3	0
6/29/2020 6:54 AM	-0.3	2.1	-1.1	-0.3	0
6/29/2020 7:00 AM	-0.3	1.9	-1.1	-0.3	0
6/29/2020 7:06 AM	-0.3	0.9	-1	-0.3	8.2
6/29/2020 7:12 AM	-0.3	0.3	-1	-0.3	8.9
6/29/2020 7:18 AM	-0.3	0.5	-1	-0.3	6.9
6/29/2020 7:24 AM	-0.3	0.7	-1	-0.3	6.1
6/29/2020 7:30 AM	-0.3	0.8	-1	-0.3	5.4
6/29/2020 7:36 AM	-0.3	0.9	-1	-0.3	4.5
6/29/2020 7:42 AM	-0.3	0.8	-0.9	-0.3	3.5
6/29/2020 7:48 AM	-0.3	0.6	-0.9	-0.3	2.8
6/29/2020 7:54 AM	-0.3	0.6	-0.9	-0.3	2.7
6/29/2020 8:00 AM	-0.3	0.7	-0.9	-0.3	2.7
6/29/2020 8:06 AM	-0.3	0.8	-0.9	-0.3	2.6
6/29/2020 8:12 AM	-0.3	0.8	-0.8	-0.3	2.6
6/29/2020 8:18 AM	-0.2	0.7	-0.8	-0.3	2.6
6/29/2020 8:24 AM	-0.2	0.7	-0.8	-0.3	2.6
6/29/2020 8:30 AM	-0.2	0.7	-0.7	-0.3	2.5
6/29/2020 8:36 AM	-0.2	0.7	-0.6	-0.3	2.5
6/29/2020 8:42 AM	-0.2	0.6	-0.5	-0.3	2.5
6/29/2020 8:48 AM	-0.2	0.5	-0.3	-0.3	2.5
6/29/2020 8:54 AM	-0.2	0.5	-0.2	-0.3	2.5
6/29/2020 9:00 AM	-0.2	0.5	-0.1	-0.3	2.4
6/29/2020 9:06 AM	-0.2	0.5	-0.1	-0.3	2.4
6/29/2020 9:12 AM	-0.2	0.4	-0.1	-0.3	2.5
6/29/2020 9:18 AM	-0.2	0.4	-0.1	-0.3	2.5
6/29/2020 9:24 AM	-0.2	0.5	-0.2	-0.3	2.5
6/29/2020 9:30 AM	-0.2	0.4	-0.2	-0.2	2.5
6/29/2020 9:36 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 9:42 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 9:48 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 9:54 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 10:00 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 10:06 AM	-0.2	0.4	-0.3	-0.2	2.4
6/29/2020 10:12 AM	-0.2	0.3	-0.3	-0.2	2.4
6/29/2020 10:18 AM	-0.2	0.3	-0.4	-0.2	2.5
6/29/2020 10:24 AM	-0.2	0.3	-0.4	-0.2	2.5
6/29/2020 10:30 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 10:36 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 10:42 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 10:48 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 10:54 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 11:00 AM	-0.2	0.3	-0.4	-0.2	2.4
6/29/2020 11:06 AM	-0.3	0.4	-0.4	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/29/2020 11:12 AM	-0.3	0.4	-0.3	-0.2	2.4
6/29/2020 11:18 AM	-0.3	0.4	-0.3	-0.2	2.5
6/29/2020 11:24 AM	-0.2	0.4	-0.4	-0.2	2.5
6/29/2020 11:30 AM	-0.2	0.4	-0.3	-0.2	2.5
6/29/2020 11:36 AM	-0.2	0.4	-0.3	-0.2	2.5
6/29/2020 11:42 AM	-0.2	0.4	-0.3	-0.2	2.5
6/29/2020 11:48 AM	-0.2	0.4	-0.3	-0.2	2.5
6/29/2020 11:54 AM	-0.2	0.4	-0.3	-0.2	2.5
6/29/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/29/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/29/2020 12:12 PM	-0.3	0.4	-0.2	-0.3	2.3
6/29/2020 12:18 PM	-0.3	0.4	-0.2	-0.3	2.4
6/29/2020 12:24 PM	-0.3	0.4	-0.2	-0.3	2.3
6/29/2020 12:30 PM	-0.3	0.4	-0.3	-0.3	2.3
6/29/2020 12:36 PM	-0.3	0.4	-0.3	-0.3	2.3
6/29/2020 12:42 PM	-0.3	0.4	-0.3	-0.3	2.3
6/29/2020 12:48 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 12:54 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 1:00 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 1:06 PM	-0.3	0.3	-0.2	-0.3	2.4
6/29/2020 1:12 PM	-0.3	0.4	-0.2	-0.3	2.4
6/29/2020 1:18 PM	-0.3	0.4	-0.2	-0.3	2.4
6/29/2020 1:24 PM	-0.3	0.4	-0.2	-0.3	2.5
6/29/2020 1:30 PM	-0.3	0.4	-0.2	-0.3	2.5
6/29/2020 1:36 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 1:42 PM	-0.3	0.3	-0.3	-0.3	2.4
6/29/2020 1:48 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 1:54 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 2:00 PM	-0.3	0.3	-0.2	-0.3	2.4
6/29/2020 2:06 PM	-0.3	0.4	-0.1	-0.3	2.4
6/29/2020 2:12 PM	-0.3	0.4	-0.1	-0.3	2.5
6/29/2020 2:18 PM	-0.3	0.4	-0.2	-0.3	2.4
6/29/2020 2:24 PM	-0.3	0.4	-0.2	-0.3	2.4
6/29/2020 2:30 PM	-0.3	0.4	-0.3	-0.3	2.4
6/29/2020 2:36 PM	-0.3	0.4	-0.4	-0.3	2.5
6/29/2020 2:42 PM	-0.3	0.4	-0.4	-0.3	2.6
6/29/2020 2:48 PM	-0.3	0.4	-0.4	-0.3	2.5
6/29/2020 2:54 PM	-0.3	0.4	-0.4	-0.3	2.5
6/29/2020 3:00 PM	-0.2	0.4	-0.4	-0.2	2.5
6/29/2020 3:06 PM	-0.3	0.4	-0.4	-0.2	2.5
6/29/2020 3:12 PM	-0.3	0.4	-0.4	-0.2	2.5
6/29/2020 3:18 PM	-0.3	0.4	-0.4	-0.3	2.5
6/29/2020 3:24 PM	-0.3	0.4	-0.4	-0.3	2.4
6/29/2020 3:30 PM	-0.3	0.3	-0.5	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/29/2020 3:36 PM	-0.3	0.4	-0.5	-0.2	2.4
6/29/2020 3:42 PM	-0.3	0.4	-0.5	-0.2	2.4
6/29/2020 3:48 PM	-0.3	0.4	-0.5	-0.2	2.5
6/29/2020 3:54 PM	-0.3	0.4	-0.5	-0.2	2.6
6/29/2020 4:00 PM	-0.3	0.4	-0.5	-0.2	2.6
6/29/2020 4:06 PM	-0.3	0.4	-0.5	-0.3	2.6
6/29/2020 4:12 PM	-0.3	0.4	-0.5	-0.3	2.6
6/29/2020 4:18 PM	-0.3	0.4	-0.5	-0.3	2.6
6/29/2020 4:24 PM	-0.3	0.4	-0.5	-0.3	2.6
6/29/2020 4:30 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 4:36 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 4:42 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 4:48 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 4:54 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 5:00 PM	-0.3	0.5	-0.6	-0.3	2.6
6/29/2020 5:06 PM	-0.3	0.5	-0.6	-0.3	2.5
6/29/2020 5:12 PM	-0.3	0.5	-0.5	-0.2	2.5
6/29/2020 5:18 PM	-0.3	0.7	-0.4	-0.1	2.6
6/29/2020 5:24 PM	-0.3	1.2	-0.4	2.9	3.5
6/29/2020 5:30 PM	-0.3	1.2	-0.5	18.4	4.1
6/29/2020 5:36 PM	-0.4	2	-0.5	12.7	5.7
6/29/2020 5:42 PM	-0.4	3.4	-0.6	2.2	9.1
6/29/2020 5:48 PM	-0.4	3.3	-0.6	1	10.1
6/29/2020 5:54 PM	-0.4	2.7	-0.6	0.8	9.8
6/29/2020 6:00 PM	-0.5	2.4	-0.6	0.6	9.1
6/29/2020 6:06 PM	-0.5	2.2	-0.5	0.4	8.7
6/29/2020 6:12 PM	-0.5	2.2	-0.4	0.2	8.5
6/29/2020 6:18 PM	-0.5	2.1	-0.4	0.1	8.7
6/29/2020 6:24 PM	-0.5	2	-0.4	0	8.6
6/29/2020 6:30 PM	-0.5	2	-0.5	-0.1	8.7
6/29/2020 6:36 PM	-0.5	2	-0.6	-0.2	8.8
6/29/2020 6:42 PM	-0.5	2	-0.6	-0.2	8.5
6/29/2020 6:48 PM	-0.5	2	-0.6	-0.2	8
6/29/2020 6:54 PM	-0.5	2	-0.7	-0.2	7.8
6/29/2020 7:00 PM	-0.5	1.9	-0.7	-0.2	7.9
6/29/2020 7:06 PM	-0.5	1.9	-0.7	-0.2	8
6/29/2020 7:12 PM	-0.5	1.9	-0.7	-0.2	8
6/29/2020 7:18 PM	-0.5	2	-0.7	-0.2	8
6/29/2020 7:24 PM	-0.5	2	-0.7	-0.2	7.9
6/29/2020 7:30 PM	-0.5	1.9	-0.8	-0.2	7.8
6/29/2020 7:36 PM	-0.5	1.9	-0.8	-0.2	7.6
6/29/2020 7:42 PM	-0.5	1.8	-0.7	-0.2	7.5
6/29/2020 7:48 PM	-0.5	1.8	-0.7	-0.2	7.3
6/29/2020 7:54 PM	-0.5	1.7	-0.8	-0.2	6.8

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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/29/2020 8:00 PM	-0.5	1.7	-0.8	-0.2	6.9
6/29/2020 8:06 PM	-0.5	1.8	-0.8	-0.2	7.1
6/29/2020 8:12 PM	-0.5	1.8	-0.8	-0.2	7.2
6/29/2020 8:18 PM	-0.5	1.8	-0.8	-0.2	7.2
6/29/2020 8:24 PM	-0.5	1.8	-0.7	-0.2	7.2
6/29/2020 8:30 PM	-0.5	1.8	-0.8	-0.2	7.1
6/29/2020 8:36 PM	-0.5	1.8	-0.7	-0.2	7.2
6/29/2020 8:42 PM	-0.5	1.8	-0.7	-0.2	7.2
6/29/2020 8:48 PM	-0.5	1.9	-0.7	-0.2	7.4
6/29/2020 8:54 PM	-0.5	1.9	-0.7	-0.2	8.1
6/29/2020 9:00 PM	-0.5	1.7	-0.7	-0.2	8.1
6/29/2020 9:06 PM	-0.5	1.4	-0.7	-0.2	7.8
6/29/2020 9:12 PM	-0.5	0.9	-0.7	-0.2	6.7
6/29/2020 9:18 PM	-0.5	0.5	-0.7	-0.2	4.9
6/29/2020 9:24 PM	-0.5	0.7	-0.7	-0.2	4.9
6/29/2020 9:30 PM	-0.5	0.8	-0.7	-0.2	5.3
6/29/2020 9:36 PM	-0.5	0.7	-0.7	-0.2	4.5
6/29/2020 9:42 PM	-0.5	0.6	-0.7	-0.2	3
6/29/2020 9:48 PM	-0.5	0.6	-0.7	-0.2	2.7
6/29/2020 9:54 PM	-0.5	0.6	-0.7	-0.2	2.8
6/29/2020 10:00 PM	-0.5	0.6	-0.7	-0.2	2.7
6/29/2020 10:06 PM	-0.5	0.5	-0.7	-0.2	2.7
6/29/2020 10:12 PM	-0.5	0.4	-0.7	-0.2	2.6
6/29/2020 10:18 PM	-0.5	0.5	-0.7	-0.2	2.3
6/29/2020 10:24 PM	-0.5	0.6	-0.7	-0.2	2.3
6/29/2020 10:30 PM	-0.5	0.8	-0.7	-0.2	2.4
6/29/2020 10:36 PM	-0.5	0.8	-0.7	-0.2	2.5
6/29/2020 10:42 PM	-0.5	0.8	-0.7	-0.2	2.5
6/29/2020 10:48 PM	-0.5	0.8	-0.7	-0.2	2.5
6/29/2020 10:54 PM	-0.5	0.7	-0.7	-0.2	2.6
6/29/2020 11:00 PM	-0.5	0.5	-0.8	-0.2	2.7
6/29/2020 11:06 PM	-0.5	0.4	-0.8	-0.2	2.6
6/29/2020 11:12 PM	-0.5	0.3	-0.8	-0.2	2.6
6/29/2020 11:18 PM	-0.5	0.3	-0.8	-0.2	2.6
6/29/2020 11:24 PM	-0.5	0.3	-0.8	-0.2	2.6
6/29/2020 11:30 PM	-0.5	0.2	-0.8	-0.2	2.7
6/29/2020 11:36 PM	-0.5	0.2	-0.8	-0.2	2.7
6/29/2020 11:42 PM	-0.5	0.2	-0.8	-0.2	2.7
6/29/2020 11:48 PM	-0.5	0.3	-0.8	-0.2	2.7
6/29/2020 11:54 PM	-0.5	0.3	-0.8	-0.2	2.7
6/30/2020 12:00 AM	-0.5	0.3	-0.8	-0.2	2.7
6/30/2020 12:06 AM	-0.5	0.2	-0.8	-0.2	2.7
6/30/2020 12:12 AM	-0.5	0.2	-0.8	-0.2	2.6
6/30/2020 12:18 AM	-0.5	0.4	-0.8	-0.2	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 12:24 AM	-0.5	0.6	-0.8	-0.2	0.9
6/30/2020 12:30 AM	-0.5	0.5	-0.8	-0.2	0.1
6/30/2020 12:36 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 12:42 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 12:48 AM	-0.5	0.5	-0.8	-0.2	0.1
6/30/2020 12:54 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:00 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:06 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:12 AM	-0.5	0.4	-0.8	-0.2	0
6/30/2020 1:18 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 1:24 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:30 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:36 AM	-0.5	0.4	-0.8	-0.2	0.1
6/30/2020 1:42 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 1:48 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 1:54 AM	-0.5	0.4	-0.8	-0.3	0
6/30/2020 2:00 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 2:06 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 2:12 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 2:18 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 2:24 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 2:30 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 2:36 AM	-0.5	0.3	-0.8	-0.2	0.1
6/30/2020 2:42 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 2:48 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 2:54 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 3:00 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 3:06 AM	-0.5	0.4	-0.8	-0.3	0.1
6/30/2020 3:12 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 3:18 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 3:24 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 3:30 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 3:36 AM	-0.5	0.3	-0.8	-0.3	0.1
6/30/2020 3:42 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 3:48 AM	-0.5	0.2	-0.8	-0.2	0
6/30/2020 3:54 AM	-0.5	0.2	-0.8	-0.2	0
6/30/2020 4:00 AM	-0.5	0.3	-0.8	-0.2	0
6/30/2020 4:06 AM	-0.5	0.2	-0.8	-0.2	0
6/30/2020 4:12 AM	-0.5	0.2	-0.8	-0.2	0.1
6/30/2020 4:18 AM	-0.5	0.2	-0.8	-0.3	0
6/30/2020 4:24 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 4:30 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 4:36 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 4:42 AM	-0.5	0.3	-0.8	-0.3	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 4:48 AM	-0.5	0.3	-0.8	-0.3	0
6/30/2020 4:54 AM	-0.5	0.3	-0.9	-0.3	0
6/30/2020 5:00 AM	-0.5	0.3	-0.9	-0.3	0.1
6/30/2020 5:06 AM	-0.5	0.3	-1	-0.3	0.1
6/30/2020 5:12 AM	-0.5	0.3	-1.1	-0.3	0.1
6/30/2020 5:18 AM	-0.5	0.3	-1.1	-0.3	0
6/30/2020 5:24 AM	-0.5	0.3	-1	-0.3	0
6/30/2020 5:30 AM	-0.5	0.3	-1	-0.3	0
6/30/2020 5:36 AM	-0.5	0.3	-1.1	-0.3	0
6/30/2020 5:42 AM	-0.5	0.3	-1.1	-0.3	0
6/30/2020 5:48 AM	-0.5	0.3	-1.1	-0.3	0
6/30/2020 5:54 AM	-0.5	0.3	-1	-0.3	0
6/30/2020 6:00 AM	-0.5	0.2	-0.9	-0.3	0
6/30/2020 6:06 AM	-0.5	0.2	-0.8	-0.3	0
6/30/2020 6:12 AM	-0.5	0.3	-0.9	-0.3	0
6/30/2020 6:18 AM	-0.5	0.4	-1	-0.3	0
6/30/2020 6:24 AM	-0.5	0.9	-1.1	-0.3	0
6/30/2020 6:30 AM	-0.5	1.1	-1.1	-0.3	0
6/30/2020 6:36 AM	-0.5	0.9	-1.1	-0.3	0.1
6/30/2020 6:42 AM	-0.5	0.8	-1.1	-0.3	0.1
6/30/2020 6:48 AM	-0.5	0.8	-1.1	-0.3	0
6/30/2020 6:54 AM	-0.5	2	-1.1	-0.3	0
6/30/2020 7:00 AM	-0.5	2.8	-1.1	-0.3	0
6/30/2020 7:06 AM	-0.5	2.2	-1.1	11.8	4.8
6/30/2020 7:12 AM	-0.5	1.2	-1	23.7	4.9
6/30/2020 7:18 AM	-0.5	0.5	-1	17.8	0.3
6/30/2020 7:24 AM	-0.5	0.5	-1	12.6	0.2
6/30/2020 7:30 AM	-0.5	0.6	-0.9	10.9	0.1
6/30/2020 7:36 AM	-0.5	0.4	-0.8	10.6	0.1
6/30/2020 7:42 AM	-0.5	0.3	-0.8	8.7	0.1
6/30/2020 7:48 AM	-0.5	0.3	-0.8	7.3	0.1
6/30/2020 7:54 AM	-0.5	0.3	-0.7	6.9	0.1
6/30/2020 8:00 AM	-0.5	0.3	-0.6	6.4	0.1
6/30/2020 8:06 AM	-0.4	0.3	-0.6	6.5	0.1
6/30/2020 8:12 AM	-0.4	0.3	-0.7	6.7	0
6/30/2020 8:18 AM	-0.4	0.4	-0.7	6.9	0
6/30/2020 8:24 AM	-0.4	0.4	-0.7	7.1	0.1
6/30/2020 8:30 AM	-0.4	0.5	-0.5	6.9	0
6/30/2020 8:36 AM	-0.4	0.6	-0.2	6.1	0
6/30/2020 8:42 AM	-0.4	0.6	0	4.2	0
6/30/2020 8:48 AM	-0.4	0.7	0	3.2	0
6/30/2020 8:54 AM	-0.4	0.7	0	3	0
6/30/2020 9:00 AM	-0.4	0.6	0	2.9	0
6/30/2020 9:06 AM	-0.4	0.6	-0.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 9:12 AM	-0.4	0.6	-0.1	2.9	0
6/30/2020 9:18 AM	-0.4	0.5	-0.1	2.9	0
6/30/2020 9:24 AM	-0.4	0.5	-0.1	2.8	0
6/30/2020 9:30 AM	-0.4	0.5	-0.1	2.7	0
6/30/2020 9:36 AM	-0.4	0.4	-0.1	2.7	0
6/30/2020 9:42 AM	-0.4	0.5	-0.1	2.7	0
6/30/2020 9:48 AM	-0.4	0.5	-0.1	2.6	0
6/30/2020 9:54 AM	-0.4	0.5	-0.1	2.6	0
6/30/2020 10:00 AM	-0.4	0.5	-0.1	2.6	0
6/30/2020 10:06 AM	-0.4	0.3	-0.1	2.6	0
6/30/2020 10:12 AM	-0.4	0.2	-0.1	2.4	0
6/30/2020 10:18 AM	-0.4	0.2	-0.1	2.3	0
6/30/2020 10:24 AM	-0.4	0.2	0	2.3	0
6/30/2020 10:30 AM	-0.3	0.2	0	2.4	0
6/30/2020 10:36 AM	-0.3	0.2	-0.1	2.4	0
6/30/2020 10:42 AM	-0.4	0.2	-0.1	2.3	0.1
6/30/2020 10:48 AM	-0.4	0.2	-0.1	2.3	0.1
6/30/2020 10:54 AM	-0.4	0.2	-0.1	2.3	0
6/30/2020 11:00 AM	-0.3	0.2	0	2.3	0
6/30/2020 11:06 AM	-0.3	0.2	0	2.3	0
6/30/2020 11:12 AM	-0.3	0.2	0	2.3	0
6/30/2020 11:18 AM	-0.3	0.7	0.1	5.3	0.1
6/30/2020 11:24 AM	-0.3	1	0.2	9.6	0.1
6/30/2020 11:30 AM	-0.3	0.7	0.2	9.7	0.1
6/30/2020 11:36 AM	-0.3	0.6	0.3	9.2	0.1
6/30/2020 11:42 AM	-0.4	0.7	0.3	8.9	0.1
6/30/2020 11:48 AM	-0.4	0.7	0.3	9.3	0.1
6/30/2020 11:54 AM	-0.4	0.9	0.3	10.1	0.1
6/30/2020 12:00 PM	Calib	Calib	Calib	Calib	Calib
6/30/2020 12:06 PM	Calib	Calib	Calib	Calib	Calib
6/30/2020 12:12 PM	-0.5	2.9	0.3	13.4	0
6/30/2020 12:18 PM	-0.5	2.3	0.2	11.8	0
6/30/2020 12:24 PM	-0.5	2.1	0.2	12.2	0
6/30/2020 12:30 PM	-0.5	1.7	0.2	11.4	0
6/30/2020 12:36 PM	-0.5	0.6	0.1	6	0
6/30/2020 12:42 PM	-0.5	0.1	0.1	3	0
6/30/2020 12:48 PM	-0.4	0.2	0	3.4	0
6/30/2020 12:54 PM	-0.4	0.2	0	3.7	0
6/30/2020 1:00 PM	-0.4	0.5	0	4.1	0
6/30/2020 1:06 PM	-0.4	0.7	0	6.4	0
6/30/2020 1:12 PM	-0.4	0.7	-0.1	8.1	0
6/30/2020 1:18 PM	-0.4	1.6	-0.1	11.8	0
6/30/2020 1:24 PM	-0.4	2.1	-0.1	14.1	0
6/30/2020 1:30 PM	-0.4	1.9	-0.2	12.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 1:36 PM	-0.4	1.8	-0.2	12.8	0
6/30/2020 1:42 PM	-0.4	1.8	-0.1	12.5	0
6/30/2020 1:48 PM	-0.4	1.7	-0.2	12.7	0
6/30/2020 1:54 PM	-0.4	1.7	-0.2	12.8	0
6/30/2020 2:00 PM	-0.4	1.8	-0.1	11.7	0
6/30/2020 2:06 PM	-0.4	1.8	-0.1	12	0
6/30/2020 2:12 PM	-0.4	1.8	-0.2	12.3	0
6/30/2020 2:18 PM	-0.4	1.8	-0.3	11.5	0
6/30/2020 2:24 PM	-0.4	1.8	-0.3	11.2	0
6/30/2020 2:30 PM	-0.3	1.8	-0.4	11.6	0
6/30/2020 2:36 PM	-0.3	1.8	-0.4	11.2	0
6/30/2020 2:42 PM	-0.3	1.7	-0.5	11.2	0
6/30/2020 2:48 PM	-0.3	1.6	-0.5	11.6	0
6/30/2020 2:54 PM	-0.3	1.6	-0.6	11.6	0
6/30/2020 3:00 PM	-0.3	1.5	-0.6	11.5	0
6/30/2020 3:06 PM	-0.3	1.6	-0.6	11.3	0
6/30/2020 3:12 PM	-0.3	1.5	-0.6	11.4	0
6/30/2020 3:18 PM	-0.3	1.5	-0.6	11.6	0
6/30/2020 3:24 PM	-0.3	1.5	-0.6	11.7	0
6/30/2020 3:30 PM	-0.3	1.6	-0.6	12	0
6/30/2020 3:36 PM	-0.3	1.6	-0.6	12.3	0
6/30/2020 3:42 PM	-0.3	1.7	-0.6	12.3	0
6/30/2020 3:48 PM	-0.3	1.1	-0.6	10.4	0
6/30/2020 3:54 PM	-0.3	0.1	-0.6	6.1	0
6/30/2020 4:00 PM	-0.3	-0.1	-0.6	4.2	0
6/30/2020 4:06 PM	-0.3	0	-0.6	2.9	0
6/30/2020 4:12 PM	-0.3	0	-0.6	2.2	0
6/30/2020 4:18 PM	-0.3	0	-0.7	2.5	0
6/30/2020 4:24 PM	-0.3	0	-0.6	2.7	0
6/30/2020 4:30 PM	-0.3	0.1	-0.6	2.7	0
6/30/2020 4:36 PM	-0.3	0.1	-0.6	2.8	0
6/30/2020 4:42 PM	-0.3	0.2	-0.6	2.9	0
6/30/2020 4:48 PM	-0.3	0.3	-0.6	3.1	0
6/30/2020 4:54 PM	-0.3	0.4	-0.6	3	0
6/30/2020 5:00 PM	-0.3	0.4	-0.6	2.9	0
6/30/2020 5:06 PM	-0.3	0.4	-0.6	2.8	0
6/30/2020 5:12 PM	-0.3	0.4	-0.6	2.9	0
6/30/2020 5:18 PM	-0.3	0.5	-0.6	3	0
6/30/2020 5:24 PM	-0.3	0.5	-0.6	3	0
6/30/2020 5:30 PM	-0.3	0.4	-0.6	3	0
6/30/2020 5:36 PM	-0.3	0.4	-0.6	3	0
6/30/2020 5:42 PM	-0.3	0.4	-0.6	3.2	0
6/30/2020 5:48 PM	-0.3	0.3	-0.6	3.3	0
6/30/2020 5:54 PM	-0.3	0.3	-0.6	3.1	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 6:00 PM	-0.3	0.2	-0.6	3.1	0
6/30/2020 6:06 PM	-0.3	0.2	-0.5	2.8	0
6/30/2020 6:12 PM	-0.3	0.2	-0.5	2.3	0
6/30/2020 6:18 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 6:24 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 6:30 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 6:36 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 6:42 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 6:48 PM	-0.4	0.2	-0.6	2	0
6/30/2020 6:54 PM	-0.4	0.1	-0.6	2.1	0
6/30/2020 7:00 PM	-0.4	0.2	-0.6	2.2	0
6/30/2020 7:06 PM	-0.4	0.1	-0.6	2.3	0
6/30/2020 7:12 PM	-0.4	0.2	-0.6	2.3	0
6/30/2020 7:18 PM	-0.4	0.2	-0.6	2.3	0
6/30/2020 7:24 PM	-0.4	0.1	-0.6	2.3	0
6/30/2020 7:30 PM	-0.4	0.2	-0.6	2.3	0
6/30/2020 7:36 PM	-0.4	0.2	-0.6	2.2	0
6/30/2020 7:42 PM	-0.4	0.2	-0.6	2.2	0
6/30/2020 7:48 PM	-0.4	0.3	-0.6	2.2	0
6/30/2020 7:54 PM	-0.4	0.2	-0.6	2.1	0
6/30/2020 8:00 PM	-0.4	0.3	-0.6	1.7	0
6/30/2020 8:06 PM	-0.4	0.3	-0.6	1.6	0
6/30/2020 8:12 PM	-0.4	0.3	-0.6	1.6	0
6/30/2020 8:18 PM	-0.4	0.2	-0.6	1.6	0
6/30/2020 8:24 PM	-0.4	0.2	-0.6	1.7	0
6/30/2020 8:30 PM	-0.4	0.2	-0.6	1.7	0
6/30/2020 8:36 PM	-0.4	0.2	-0.6	1.7	0
6/30/2020 8:42 PM	-0.4	0.2	-0.6	1.5	0
6/30/2020 8:48 PM	-0.4	0.2	-0.6	1.3	0
6/30/2020 8:54 PM	-0.4	0.2	-0.6	1.2	8.5
6/30/2020 9:00 PM	-0.4	0.3	-0.6	1.2	9.1
6/30/2020 9:06 PM	-0.4	0.3	-0.6	1.2	1
6/30/2020 9:12 PM	-0.4	0.3	-0.6	1.2	0.4
6/30/2020 9:18 PM	-0.4	0.3	-0.6	1.3	0.2
6/30/2020 9:24 PM	-0.4	0.3	-0.6	1.3	0.2
6/30/2020 9:30 PM	-0.4	0.4	-0.6	1.3	0.1
6/30/2020 9:36 PM	-0.4	0.3	-0.6	1.3	0.1
6/30/2020 9:42 PM	-0.4	0.3	-0.6	1.3	0.1
6/30/2020 9:48 PM	-0.4	0.3	-0.6	1.2	0.1
6/30/2020 9:54 PM	-0.4	0.3	-0.5	1.3	0
6/30/2020 10:00 PM	-0.4	0.3	-0.5	1.3	0
6/30/2020 10:06 PM	-0.4	0.4	-0.5	1.2	0
6/30/2020 10:12 PM	-0.4	0.4	-0.5	1.3	0
6/30/2020 10:18 PM	-0.4	0.2	-0.5	2.9	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: 2nd Quarter 2020

Start of Report: 4/1/2020 0:00
End of Report: 6/30/2020 23:54

Validation: All Opacity Data

Date & Time	PE 1	PE 2	PE 3	PE 4	PE 5
	%	%	%	%	%
6/30/2020 10:24 PM	-0.4	-0.2	-0.6	4.4	0
6/30/2020 10:30 PM	-0.4	-0.6	-0.5	3.8	0
6/30/2020 10:36 PM	-0.4	-0.8	-0.5	3.6	0
6/30/2020 10:42 PM	-0.4	-0.9	-0.5	3.5	0
6/30/2020 10:48 PM	-0.4	-0.8	-0.6	3.5	0
6/30/2020 10:54 PM	-0.4	-0.8	-0.6	3.4	0
6/30/2020 11:00 PM	-0.4	-0.8	-0.6	3.4	0
6/30/2020 11:06 PM	-0.4	-0.9	-0.6	3.5	0
6/30/2020 11:12 PM	-0.4	-0.9	-0.6	3.4	0
6/30/2020 11:18 PM	-0.5	-0.8	-0.6	3.5	0
6/30/2020 11:24 PM	-0.5	-0.9	-0.6	3.5	0
6/30/2020 11:30 PM	-0.5	-0.9	-0.6	3.2	0
6/30/2020 11:36 PM	-0.5	-0.8	-0.6	3.1	0
6/30/2020 11:42 PM	-0.5	-0.8	-0.6	3.7	0
6/30/2020 11:48 PM	-0.5	-0.8	-0.6	4.1	0
6/30/2020 11:54 PM	-0.5	-0.8	-0.6	4.3	0
Minimum	-2.0	-1.5	-1.3	-1.0	-0.4
MinDate	4/24/2020	5/1/2020	4/22/2020	4/14/2020	4/14/2020
MinTime	12:12 PM	4:42 AM	5:48 AM	2:36 AM	4:30 AM
Maximum	72.3	33.2	41.5	28.9	25.6
MaxDate	4/7/2020	5/29/2020	4/29/2020	4/29/2020	5/11/2020
MaxTime	7:42 AM	11:48 AM	4:42 PM	9:48 AM	9:00 AM
Avg	-0.3	0.5	2.0	0.6	1.1
Num	21121	21605	21604	21609	21609
Data [% Valid]	96.7%	98.9%	98.9%	98.9%	98.9%
Calibrations and Maintenance [%]	0.1%	0.1%	0.1%	0.1%	0.1%
Exceedances	13	7	19	24	5

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	6/25/2020				Serial Number:	22248563			
Monitor Pathlength, L1					in.				
Monitoring System Output Path Length Corrected?					No	X	No	Taper Ratio: 1.000	
Actual Neutral: Density		Opacity %			Path Adjusted: Density		Opacity %		
Low Range			17.80		Low Range			17.80	
Mid Range			25.40		Mid Range			25.40	
High Range			44.40		High Range			44.40	
Run Number	Time/Date 6/25/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %	Arithmetic Difference (Opacity) percent			
				%		Low	Mid	High	
1-Low	12:07		17.80	%	18.27	%	-0.47		
2-Mid	12:11		25.40	%	25.78	%		-0.38	
3-High	12:15		44.40	%	45.03	%		-0.63	
4-Low	12:19		17.80	%	18.30	%	-0.50		
5-Mid	12:22		25.40	%	25.81	%		-0.41	
6-High	12:25		44.40	%	44.81	%		-0.41	
7-Low	12:28		17.80	%	18.13	%	-0.33		
8-Mid	12:31		25.40	%	25.82	%		-0.42	
9-High	12:34		44.40	%	44.84	%		-0.44	
10-Low	12:37		17.80	%	18.17	%	-0.37		
11-Mid	12:40		25.40	%	25.79	%		-0.39	
12-High	12:43		44.40	%	44.79	%		-0.39	
13-Low	12:46		17.80	%	18.23	%	-0.43		
14-Mid	12:49		25.40	%	25.83	%		-0.43	
15-High	12:52		44.40	%	44.67	%		-0.27	
Arithmetic Mean (Equation 1-2) X						X			
Confidence Coefficient (Equation 1-4) CC						CC			
Calibration Error						X + CC			
						0.42	0.406	0.428	
						0.087	0.026	0.161	
						0.507	0.432	0.589	

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK		
Company	New York City D.E.P.				Unit	PE2			
Date	6/25/2020				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			17.80		Low Range			17.80	
Mid Range			25.40		Mid Range			25.40	
High Range			44.40		High Range			44.40	
Run Number	Time/Date 6/25/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %	Arithmetic Difference (Opacity) percent			
				%		Low	Mid	High	
1-Low	13:01		17.80	%	18.24	%	-0.44		
2-Mid	13:05		25.40	%	26.01	%		-0.61	
3-High	13:09		44.40	%	44.97	%		-0.57	
4-Low	13:13		17.80	%	18.17	%	-0.37		
5-Mid	13:16		25.40	%	25.90	%		-0.50	
6-High	13:19		44.40	%	44.83	%		-0.43	
7-Low	13:22		17.80	%	18.33	%	-0.53		
8-Mid	13:25		25.40	%	25.91	%		-0.51	
9-High	13:28		44.40	%	44.87	%		-0.47	
10-Low	13:31		17.80	%	18.20	%	-0.40		
11-Mid	13:34		25.40	%	26.05	%		-0.65	
12-High	13:37		44.40	%	44.84	%		-0.44	
13-Low	13:40		17.80	%	18.30	%	-0.50		
14-Mid	13:43		25.40	%	25.98	%		-0.58	
15-High	13:46		44.40	%	45.03	%		-0.63	
Arithmetic Mean (Equation 1-2) X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC									
						X	0.448	0.57	0.508
						X + CC	0.083	0.080	0.109
			0.531	0.650	0.617				

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK							
Company	New York City D.E.P.				Unit	PE3								
Date	6/25/2020				Serial Number:	22348363								
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		17.80			Low Range		17.80							
Mid Range		25.40			Mid Range		25.40							
High Range		44.40			High Range		44.40							
Run Number	Time/Date 6/25/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent							
		Low	Mid	High	Low	Mid	High	Low	Mid	High				
1-Low	14:03		17.80	%	18.38	%	-0.58							
2-Mid	14:07		25.40	%	26.21	%		-0.81						
3-High	14:11		44.40	%	45.12	%				-0.72				
4-Low	14:15		17.80	%	18.33	%	-0.53							
5-Mid	14:18		25.40	%	26.11	%		-0.71						
6-High	14:21		44.40	%	45.12	%				-0.72				
7-Low	14:24		17.80	%	18.15	%	-0.35							
8-Mid	14:27		25.40	%	26.13	%		-0.73						
9-High	14:30		44.40	%	45.00	%				-0.60				
10-Low	14:33		17.80	%	18.27	%	-0.47							
11-Mid	14:36		25.40	%	26.17	%		-0.77						
12-High	14:39		44.40	%	45.15	%				-0.75				
13-Low	14:42		17.80	%	18.35	%	-0.55							
14-Mid	14:45		25.40	%	26.15	%		-0.75						
15-High	14:48		44.40	%	45.01	%				-0.61				
Arithmetic Mean (Equation 1-2) X														
							X	0.496	0.754	0.68				
Confidence Coefficient (Equation 1-4) CC								0.113	0.048	0.086				
Calibration Error X + CC								0.609	0.802	0.766				

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK							
Company	New York City D.E.P.				Unit	PE4								
Date	6/26/2020				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		17.80			Low Range		17.80							
Mid Range		25.40			Mid Range		25.40							
High Range		44.40			High Range		44.40							
Run Number	Time/Date 6/26/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent							
		Low	Mid	High	Low	Mid	High	Low	Mid	High				
1-Low	9:16		17.80	%	18.07	%	-0.27							
2-Mid	9:20		25.40	%	25.82	%		-0.42						
3-High	9:24		44.40	%	44.75	%				-0.35				
4-Low	9:28		17.80	%	17.92	%	-0.12							
5-Mid	9:31		25.40	%	25.92	%		-0.52						
6-High	9:35		44.40	%	44.77	%				-0.37				
7-Low	9:39		17.80	%	17.88	%	-0.08							
8-Mid	9:42		25.40	%	25.77	%		-0.37						
9-High	9:45		44.40	%	44.70	%				-0.30				
10-Low	9:50		17.80	%	17.89	%	-0.09							
11-Mid	9:53		25.40	%	25.83	%		-0.43						
12-High	9:56		44.40	%	44.70	%				-0.30				
13-Low	9:59		17.80	%	17.89	%	-0.09							
14-Mid	10:02		25.40	%	25.87	%		-0.47						
15-High	10:05		44.40	%	44.76	%				-0.36				
Arithmetic Mean (Equation 1-2) X														
							X	0.13	0.442	0.336				
Confidence Coefficient (Equation 1-4) CC								0.099	0.070	0.042				
Calibration Error X + CC								0.229	0.512	0.378				

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK			
Company	New York City D.E.P.				Unit	PE5				
Date	6/26/2020				Serial Number:	22248463				
Monitor Pathlength, L1					in.					
Monitoring System Output Path Length Corrected?					No	X	No	Taper Ratio:		1.000
Actual Neutral: Density		Opacity %			Path Adjusted: Density		Opacity %			
Low Range		17.80			Low Range		17.80			
Mid Range		25.40			Mid Range		25.40			
High Range		44.40			High Range		44.40			
Run Number	Time/Date 6/26/2020	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent			
		Low	Mid	High	Low	Mid	High	Low	Mid	High
1-Low	10:15		17.80	%	18.23	%	-0.43			
2-Mid	10:19		25.40	%	25.88	%		-0.48		
3-High	10:25		44.40	%	44.89	%				-0.49
4-Low	10:29		17.80	%	18.19	%	-0.39			
5-Mid	10:32		25.40	%	26.15	%		-0.75		
6-High	10:35		44.40	%	44.91	%				-0.51
7-Low	10:38		17.80	%	18.21	%	-0.41			
8-Mid	10:41		25.40	%	25.92	%		-0.52		
9-High	10:44		44.40	%	44.95	%				-0.55
10-Low	10:47		17.80	%	18.01	%	-0.21			
11-Mid	10:50		25.40	%	26.06	%		-0.66		
12-High	10:53		44.40	%	45.14	%				-0.74
13-Low	10:57		17.80	A	18.46	%	-0.66			
14-Mid	11:00		25.40	%	26.37	%		-0.97		
15-High	11:03		44.40	%	45.10	%				-0.7
Arithmetic Mean (Equation 1-2) X										
							X	0.42	0.676	0.598
Confidence Coefficient (Equation 1-4) CC								0.199	0.244	0.142
Calibration Error X + CC								0.619	0.920	0.740

APPENDIX E
WEEKLY MAINTENANCE



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****

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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

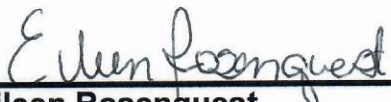
Date of SRM Certification: 01/31/19 Laboratory Environment: 72 deg F +/- 4 deg F

- **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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