



August 17, 2021

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

Re: North River WRRF
DEC ID: 2-6202-00007
Part 201 Air Facility Title V Permit
Quarterly Opacity Monitoring Report
Second Quarter of 2021

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 2021 Continuous Opacity Monitoring (COM) Report for the four 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 2021, and was able to identify the possible causes for all of the events.

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

05/06/2021 Operational record indicated that two isolated 6-minute average >27% exceedances may have been caused by engine maintenance.

Pump Engine 2

04/07/2021 Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.

04/15/2020 Operational record indicated that two 6-minute average >27% exceedances may have been caused by engine start up.

04/21/2021 Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.

04/28/2021 Operational record indicated that 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
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Corona, NY 11368

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05/12/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
05/19/2021	Operational record indicated this engine was not in operation at the time of one 6-minute average $>20\%$ but $\leq 27\%$ event was registered. This opacity reading is concluded to be a faulty reading.
05/19/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine maintenance.
05/22/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
05/23/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
06/03/2020	Operational record indicated that two 6-minute average $>27\%$ exceedances may have been caused by engine start up.
06/11/2020	Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine start up.
06/13/2021	Operational record indicated that one 6-minute average $>27\%$ exceedance may have been caused by engine start up.
06/16/2020	Operational record indicated that two 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine start up.
06/21/2020	Operational record indicated that three 6-minute average $>20\%$ but $\leq 27\%$ or $>27\%$ exceedances may have been caused by engine start up.
06/22/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.
06/24/2021	Operational record indicated that one 6-minute average $>20\%$ but $\leq 27\%$ event may have been caused by engine start up.

Pump Engine 3

No 6-minute average $>20\%$ opacity was reported. This Pump Engine 3 was dismantled on 06/23/2020.

Pump Engine 4

04/24/2021 Operational record indicated this engine was not in operation at the time of one 6-minute average $>20\%$ but $\leq 27\%$ event was registered. This opacity reading is concluded to be a faulty reading.

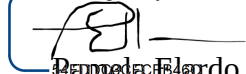
Pump Engine 5

No 6-minute average $>20\%$ opacity was reported. This Pump Engine 5 started decommissioning on 04/06/2021.

If you need any additional information, please contact Ms. Theresa Tam, Chief of Division of Operation Support at (718) 595-4730.

Sincerely,

DocuSigned by:



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 2021

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

August 11, 2021

Second Quarter 2021
Project No. 2041797.00.00





Louis Berger

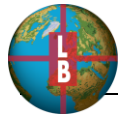
96 Morton Street, 8th Floor, New York, NY 10011
Tel: (212) 612-7900 Fax: (212) 363-4341

Re: QA QC Certification

I have reviewed the attached report entitled "Quarterly Opacity Continuous Monitoring Report for Second Quarter of 2021". 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

As required by the New York City Department of Environmental Protection Agency (NYCDEP) North River Wastewater Resource Recovery Facility (NRWRRF) Air Title V Facility Permit, continuous opacity monitoring was performed at the plant's 10 reciprocating internal combustion engines since 1990's. The Opacity Analyzers are located on the stacks for each engine, approximately twenty-five feet above the surface of Riverbank State Park, which is on the roof of the plant. The existing AMETEK's Land Model 4500 MkIII opacity analyzers were installed January 5, 2017 through February 12, 2017.

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

The Pump Engine 3 ceased operation on June 23, 2020 and PE5 was decommissioned on April 2, 2021.

Pursuant to the Condition 34, Item 34.2 of the NRWRRF Air Title V Facility Permit Renew 2 effective December 23, 2019, Louis Berger & Assoc., P.C. (Berger) monitored exhaust opacity from the plant's four operating pump engines.

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

This report documents the operation of the opacity analyzers for the second quarter of 2021. 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 twelve o'clock pm. The DAS records the actual zero and span values and compares them with the expected zero and span values. The zero and span drift must meet 40 CFR Part 60 requirements of less than four percent of full scale (100%). If the drift is greater than four percent of full scale, the DAS displays an alarm on the PC screen and all the subsequent data is automatically tagged 'out of cal' until the next successful calibration. If the zero and span check drift is greater than two percent of full scale, a calibration drift warning alarm is displayed on the PC screen.

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

Discussion of Results

Berger performed QA/QC of the data and removed opacity exceedances or any readings associated with equipment malfunction, service maintenance etc. and did not identify any issues that would invalidate the exceedances presented in this report for PE1 and PE2, however we had to invalidate some data for PE4 on 4/15 and 4/16 because the seal on both the trans-receiver and retro reflector came off causing soot to accumulate on the optics and generating exceedances. PE1 had some calibration fails but we had to validate those data because those fails were due to the mechanical failure of the calibration that did not affect valid data collection Data collected during periods of maintenance are not considered valid and were removed during Berger's QA/QC process.

	PE 1	PE 2	PE 4
Minimum	-0.9	-0.1	-0.8
Date of Minimum	4/16/2021	4/26/2021	4/13/2021
Time of Minimum	12:12 AM	8:42 AM	9:24 AM
Maximum	20.0	38.9	23.4
Date of Maximum	5/3/2021	6/3/2021	4/24/2021
Time of Maximum	4:42 AM	7:48 AM	5:00 AM



	PE 1	PE 2	PE 4
Average	0.6	2.5	1.3
% Valid	99.6%	99.6%	98.2%
% Out of Service	0.3%	0.3%	0.7%
% Calibrations and Maintenance	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 2021, valid data capture ranged from 98.2% to 99.6% for the Pump Engines.

Quarterly Filter Audit

Quarterly filter audits were performed on June 23rd, 2021 for all the Pump Engines opacity analyzers in operation. Data collected during times when audits were performed are not included in the calculation of "Percent Valid Data" and are flagged with an "Audit". The audit reports are included in Appendix D.

QA QC for Equipment

During the second quarter of 2021, Berger performed the following QA/QC procedures for four pump engines.

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



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

Additional Maintenance Performed

During the second quarter of 2021, 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 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



Validation: All Calibrations

Date	Monitor	Units	Zero ZRef	Zero ZMeas	Zero ZDiff(%FS)	Zero ZDiffLast	Zero ZStd	Span SRef	Span SMeas	Span SDiff(%FS)	Span SDiff(%REF)	Span SDiffLast	Span SStd	Result Zero	Result Factor	Result Status
01/04/2021 12:04	Pump Engine 1	%	0	-0.7	-0.71	1.3	0	26.8	26.7	0.98	-0.2	0	0	-0.7	0.976	Valid
01/04/2021 12:04	Pump Engine 4	%	0	-0.1	-0.1	0.3	0	26	26	1	0.1	0	0	-0.1	0.996	Valid
01/04/2021 12:04	Pump Engine 2	%	0	0.1	0.12	0	0	26.6	26.6	1.01	-0.2	0	0	0.1	1.006	Valid
02/04/2021 12:04	Pump Engine 2	%	0	-0.3	-0.32	0.4	0	26.6	26.6	0.99	-0.2	0	0	-0.3	0.99	Valid
02/04/2021 12:04	Pump Engine 4	%	0	-0.2	-0.18	0.1	0	26	26	0.99	0.1	0	0	-0.2	0.992	Valid
02/04/2021 12:04	Pump Engine 1	%	0	-0.5	-0.45	-0.2	0	26.8	26.7	0.99	-0.3	0.1	0	-0.5	0.986	Valid
03/04/2021 12:04	Pump Engine 4	%	0	0	0.03	-0.2	0	26	26	1	0	0.1	0	0	1.001	Valid
03/04/2021 12:04	Pump Engine 1	%	0	0.4	0.37	-0.9	0	26.8	1.4	25.89	-94.8	94.5	0	0.4	25.894	Invalid
03/04/2021 12:04	Pump Engine 2	%	0	0.1	0.07	-0.4	0	26.6	26.5	1.01	-0.3	0.1	0	0.1	1.005	Valid
04/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	0.1	0	26.6	26.6	1	-0.2	-0.1	0	0	1.001	Valid
04/04/2021 12:04	Pump Engine 1	%	0	0.3	0.27	0.1	0	26.8	26.7	1.01	-0.2	-94.6	0	0.3	1.012	Valid
04/04/2021 12:04	Pump Engine 4	%	0	0	0.03	0	0	26	26	1	0.1	-0.1	0	0	1	Valid
05/04/2021 12:04	Pump Engine 4	%	0	0	-0.04	0	0	26	26	1	0.1	0	0	0	0.997	Valid
05/04/2021 12:04	Pump Engine 1	%	0	0	-0.05	0.3	0	26.8	26.7	1	-0.3	0.1	0	0	1.001	Valid
05/04/2021 12:04	Pump Engine 2	%	0	0	-0.03	0	0	26.6	26.6	1	-0.2	0	0	0	1.001	Valid
06/04/2021 12:04	Pump Engine 1	%	0	0	0	0	0	26.8	1.1	24.64	-95.9	95.6	0.1	0	24.644	Invalid
06/04/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
06/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.6	1	-0.2	0	0	0	1.001	Valid
07/04/2021 08:35	Pump Engine 1	%	0	-0.1	-0.11	0.1	0	26.8	26.7	1	-0.2	-95.7	0	-0.1	0.998	Valid
07/04/2021 12:04	Pump Engine 2	%	0	0	0.02	0	0	26.6	26.6	1	-0.1	-0.1	0	0	1.002	Valid
07/04/2021 12:04	Pump Engine 4	%	0	0	0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
07/04/2021 12:04	Pump Engine 1	%	0	0.2	0.22	-0.3	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.011	Valid
08/04/2021 12:04	Pump Engine 1	%	0	0	0.04	0.2	0	26.8	4.9	5.49	-81.7	81.5	0.2	0	5.492	Invalid
08/04/2021 12:04	Pump Engine 4	%	0	0	0.02	0	0	26	26	1	0.1	0	0	0	1	Valid
08/04/2021 12:04	Pump Engine 2	%	0	0	0.03	0	0	26.6	26.5	1	-0.3	0.2	0	0	1.003	Valid
08/04/2021 17:03	Pump Engine 1	%	0	---	---	9999	0	26.8	---	---	---	9917.3	0	---	---	Invalid
08/04/2021 17:09	Pump Engine 1	%	0	0	-0.02	0	0	26.8	26.7	1	-0.3	0	0	0	1.002	Valid
09/04/2021 12:04	Pump Engine 2	%	0	0.1	0.09	-0.1	0	26.6	26.5	1.01	-0.2	-0.1	0	0.1	1.005	Valid
09/04/2021 12:04	Pump Engine 1	%	0	0.2	0.16	-0.2	0	26.8	26.8	1.01	-0.2	-0.1	0	0.2	1.008	Valid
09/04/2021 12:04	Pump Engine 4	%	0	0.1	0.1	-0.1	0	26	26	1	0.1	0	0	0.1	1.003	Valid
10/04/2021 12:04	Pump Engine 4	%	0	0.1	0.05	0	0	26	26	1	0.2	-0.1	0	0.1	1	Valid
10/04/2021 12:04	Pump Engine 2	%	0	0	0.03	0.1	0	26.6	26.6	1	-0.2	0	0	0	1.003	Valid
10/04/2021 12:04	Pump Engine 1	%	0	0.2	0.21	0	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.01	Valid
11/04/2021 12:04	Pump Engine 1	%	0	0.2	0.2	0	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.01	Valid
11/04/2021 12:04	Pump Engine 4	%	0	0.2	0.21	-0.1	0	26	26	1.01	0.2	0	0	0.2	1.006	Valid
11/04/2021 12:04	Pump Engine 2	%	0	0.2	0.22	-0.2	0	26.6	26.6	1.01	-0.2	0	0	0.2	1.01	Valid
12/04/2021 12:04	Pump Engine 4	%	0	0	-0.03	0.2	0	26	26	1	0.1	0.1	0	0	0.998	Valid
12/04/2021 12:04	Pump Engine 2	%	0	-0.1	-0.14	0.3	0	26.6	26.6	1	-0.1	-0.1	0	-0.1	0.996	Valid
12/04/2021 12:04	Pump Engine 1	%	0	-0.6	-0.56	0.8	0	26.8	26.7	0.98	-0.2	0	0	-0.6	0.982	Valid
13/04/2021 12:04	Pump Engine 4	%	0	0	0	0	0	26	26	1	0.1	0	0	0	0.999	Valid
13/04/2021 12:04	Pump Engine 1	%	0	0.4	0.45	-1	0	26.8	0.3	-160	-99	98.8	0.1	0.4	-160	Invalid
13/04/2021 12:04	Pump Engine 2	%	0	-0.1	-0.07	0	0	26.6	26.6	1	-0.2	0.1	0	-0.1	0.999	Valid
13/04/2021 13:42	Pump Engine 1	%	0	-0.1	-0.07	0.5	0	26.8	26.7	1	-0.2	-98.8	0	-0.1	1	Valid
14/04/2021 12:04	Pump Engine 2	%	0	0	0	-0.1	0	26.6	26.6	1	-0.2	0	0	0	1.002	Valid
14/04/2021 12:04	Pump Engine 1	%	0	0.2	0.22	-0.3	0	26.8	0.8	47.43	-97.1	96.9	0.1	0.2	47.434	Invalid
14/04/2021 12:04	Pump Engine 4	%	0	-0.1	-0.06	0.1	0	26	26	1	0.2	-0.1	0	-0.1	0.996	Valid
15/04/2021 12:04	Pump Engine 1	%	0	0.1	0.13	0.1	0	26.8	26.7	1.01	-0.3	-96.8	0	0.1	1.008	Valid
15/04/2021 12:04	Pump Engine 2	%	0	0.2	0.17	-0.2	0	26.6	26.6	1.01	-0.1	-0.1	0	0.2	1.008	Valid
15/04/2021 12:04	Pump Engine 4	%	0	46.7	46.7	-46.8	0	26	26.8	-1.31	3.2	-3	0	46.7	-1.309	Invalid
15/04/2021 12:52	Pump Engine 4	%	0	0.2	0.21	46.5	0	26	26.9	0.98	3.3	-0.1	0	0.2	0.975	Valid
15/04/2021 13:13	Pump Engine 4	%	0	0.2	0.2	0	0	26	26.9	0.98	3.3	0	0	0.2	0.975	Valid
16/04/2021 10:56	Pump Engine 4	%	0	3.5	3.47	-3.3	0	26	26	1.15	0	3.3	0	3.5	1.153	Valid
16/04/2021 11:05	Pump Engine 4	%	0	0	-0.02	3.5	0	26	26	1	0	0	0	0	0.999	Valid
16/04/2021 12:04	Pump Engine 2	%	0	-0.1	-0.12	0.3	0	26.6	26.6	1	-0.2	0.1	0	-0.1	0.997	Valid
16/04/2021 12:04	Pump Engine 4	%	0	0	-0.03	0	0	26	26	1	0	0	0	0	0.998	Valid
16/04/2021 12:04	Pump Engine 1	%	0	-0.8	-0.75	0.9	0	26.8	0.7	18.97	-97.5	97.2	0.1	-0.8	18.973	Invalid
16/04/2021 12:43	Pump Engine 1	%	0	0	0.03	-0.8	0	26.8	26.7	1	-0.2	-97.3	0	0	1.003	Valid
17/04/2021 12:04	Pump Engine 4	%	0	0	-0.05	0	0	26	26	1	0.2	-0.2	0	0	0.997	Valid
17/04/2021 12:04	Pump Engine 1	%	0	0.1	0.15	-0.1	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.008	Valid
17/04/2021 12:04	Pump Engine 2	%	0	0	0	-0.1	0	26.6	26.5	1	-0.2	0	0	0	1.002	Valid
18/04/2021 12:04	Pump Engine 4	%	0	0	-0.03	0	0	26	26	1	0.1	0.1	0	0	0.998	Valid
18/04/2021 12:04	Pump Engine 1	%	0	0.1	0.1	0	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.006	Valid
18/04/2021 12:04	Pump Engine 2	%	0	-0.1	-0.08	0.1	0	26.6	26.6	1	-0.2	0	0	-0.1	0.999	Valid
19/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	-0.1	0	26.6	26.6	1	-0.2	0	0	0	1.001	Valid
19/04/2021 12:04	Pump Engine 1	%	0	0	-0.01	0.1	0	26.8	26.7	1	-0.2	0	0	0	1.002	Valid
19/04/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.2	-0.1	0	0	0.998	Valid
20/04/2021 12:04	Pump Engine 4	%	0	0	0.02	0	0	26	26	1	0.1	0.1	0	0	1	Valid
20/04/2021 12:04	Pump Engine 1	%	0	0.2	0.15	-0.2	0	26.8	26.8	1.01	-0.2	0	0	0.2	1.007	Valid
20/04/2021 12:04	Pump Engine 2	%	0	0	0.03	0	0	26.6	26.5	1	-0.2	0	0	0	1.003	Valid
21/04/2021 12:04	Pump Engine 4	%	0	0	0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
21/04/2021 12:04	Pump Engine 1	%	0	-0.1	-0.06	0.3	0	26.8	26.8	1	-0.2	0	0	-0.1	1	Valid
21/04/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.6	1	-0.2	0	0	0	1.002	Valid
22/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.6	1	-0.2	0	0	0	1.001	Valid
22/04/2021 12:04	Pump Engine 4	%	0	0	-0.04	0	0	26	26	1	0	0.1	0	0	0.998	Valid
22/04/2021 12:04	Pump Engine 1	%	0	-0.4	-0.44	0.3	0	26.8	26.7	0.99	-0.2	0	0	-0.4	0.986	Valid
23/04/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.1	-0.1	0	0	0.999	Valid
23/04/2021 12:04	Pump Engine 1	%	0	0.3	0.27	-0.7	0	26.8	26.7	1.01	-0.3	0.1	0	0.3	1.013	Valid
23/04/2021 12:04	Pump Engine 2	%	0	0	-0.01	0	0	26.6	26.6	1	-0.2	0	0	0	1.002	Valid
24/04/2021 12:04	Pump Engine 1	%	0	0.2	0.16	0.1	0	26.8	26.8	1.01	-0.2	-0.1	0	0.2	1.008	Valid
24/04/2021 12:04	Pump Engine 2	%	0	0	-0.04	0	0	26.6	26.6	1	-0.2	0	0	0	1	Valid
24/04/2021 12:04	Pump Engine 4	%	0	0	-0.03	0	0	26	26	1	0.1	0	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 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



Validation: All Calibrations

Date	Monitor	Units	Zero ZRef	Zero ZMeas	Zero ZDiff(%FS)	Zero ZDiffLast	Zero ZStd	Span SRef	Span SMeas	Span SDiff(%FS)	Span SDiff(%REF)	Span SDiffLast	Span SStd	Result Zero	Result Factor	Result Status
25/04/2021 12:04	Pump Engine 1	%	0	0.1	0.07	0.1	0	26.8	26.7	1	-0.2	0	0	0.1	1.005	Valid
25/04/2021 12:04	Pump Engine 4	%	0	0.1	0.11	-0.1	0	26	26	1	0	0.1	0	0.1	1.004	Valid
25/04/2021 12:04	Pump Engine 2	%	0	0.2	0.18	-0.2	0	26.6	26.5	1.01	-0.2	0	0	0.2	1.009	Valid
26/04/2021 12:04	Pump Engine 1	%	0	-0.1	-0.11	0.2	0	26.8	0.9	27.14	-96.7	96.5	0.1	-0.1	27.139	Invalid
26/04/2021 12:04	Pump Engine 4	%	0	0	-0.05	0.1	0	26	26	1	0.1	-0.1	0	0	0.997	Valid
26/04/2021 12:04	Pump Engine 2	%	0	-0.1	-0.09	0.3	0	26.6	26.6	1	-0.2	0	0	-0.1	0.999	Valid
27/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	-0.1	0	26.6	26.5	1	-0.3	0.1	0	0	1.002	Valid
27/04/2021 12:04	Pump Engine 4	%	0	0	-0.02	0	0	26	26	1	0.1	0	0	0	0.998	Valid
27/04/2021 12:04	Pump Engine 1	%	0	0.1	0.11	-0.2	0	26.8	26.7	1.01	-0.3	-96.4	0	0.1	1.007	Valid
28/04/2021 12:04	Pump Engine 1	%	0	0.3	0.26	-0.2	0	26.8	26.7	1.01	-0.2	-0.1	0	0.3	1.012	Valid
28/04/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.5	1	-0.2	-0.1	0	0	1.002	Valid
28/04/2021 12:04	Pump Engine 4	%	0	0	0.02	0	0	26	26	1	0.1	0	0	0	0.999	Valid
29/04/2021 12:04	Pump Engine 4	%	0	0.1	0.07	-0.1	0	26	26	1	0.1	0	0	0.1	1.001	Valid
29/04/2021 12:04	Pump Engine 1	%	0	-0.1	-0.1	0.4	0	26.8	26.8	1	-0.2	0	0	-0.1	0.998	Valid
29/04/2021 12:04	Pump Engine 2	%	0	0	0.04	0	0	26.6	26.5	1	-0.3	0.1	0	0	1.004	Valid
30/04/2021 12:04	Pump Engine 1	%	0	-0.2	-0.23	0.1	0	26.8	26.7	0.99	-0.2	0	0	-0.2	0.993	Valid
30/04/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.5	1	-0.3	0	0	0	1.002	Valid
30/04/2021 12:04	Pump Engine 4	%	0	0	-0.04	0.1	0	26	26	1	0.1	0	0	0	0.997	Valid
01/05/2021 12:04	Pump Engine 1	%	0	-0.1	-0.05	-0.1	0	26.8	26.7	1	-0.2	0	0	-0.1	1.001	Valid
01/05/2021 12:04	Pump Engine 2	%	0	0	0.04	0	0	26.6	26.5	1	-0.2	-0.1	0	0	1.004	Valid
01/05/2021 12:04	Pump Engine 4	%	0	0	-0.02	0	0	26	26	1	0.1	0	0	0	0.998	Valid
02/05/2021 12:04	Pump Engine 2	%	0	0	-0.03	0	0	26.6	26.5	1	-0.2	0	0	0	1.001	Valid
02/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
02/05/2021 12:04	Pump Engine 1	%	0	0.1	0.1	-0.2	0	26.8	0.5	76.03	-98.3	98.1	0	0.1	76.028	Invalid
03/05/2021 01:40	Pump Engine 2	%	0	0.9	0.89	-0.9	0	26.6	26.5	1.04	-0.3	0.1	0	0.9	1.038	Valid
03/05/2021 01:40	Pump Engine 1	%	0	1.7	1.69	-1.6	0	26.8	26.7	1.07	-0.3	-98	0	1.7	1.07	Valid
03/05/2021 01:40	Pump Engine 4	%	0	2.3	2.29	-2.3	0	26	26	1.1	0.1	0	0	2.3	1.095	Valid
03/05/2021 04:22	Pump Engine 1	%	0	1.8	1.82	-0.1	0	26.8	0.4	-18.2	-98.7	98.4	0	1.8	-18.2	Invalid
03/05/2021 04:22	Pump Engine 2	%	0	0.9	0.92	0	0	26.6	26.5	1.04	-0.2	-0.1	0	0.9	1.038	Valid
03/05/2021 10:21	Pump Engine 1	%	0	0	-0.01	1.8	0	26.8	26.7	1	-0.2	-98.5	0	0	1.002	Valid
03/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	2.3	0	26	26	1	0.1	0	0	0	0.998	Valid
03/05/2021 12:04	Pump Engine 2	%	0	0	-0.02	0.9	0	26.6	26.5	1	-0.2	0	0	0	1.002	Valid
03/05/2021 12:04	Pump Engine 1	%	0	0	0.04	0	0	26.8	26.7	1	-0.2	0	0	0	1.004	Valid
04/05/2021 12:04	Pump Engine 2	%	0	0.1	0.09	-0.1	0	26.6	26.5	1.01	-0.2	0	0	0.1	1.005	Valid
04/05/2021 12:04	Pump Engine 4	%	0	0.1	0.1	-0.1	0	26	26	1	0.1	0	0	0.1	1.003	Valid
04/05/2021 12:04	Pump Engine 1	%	0	0.1	0.12	-0.1	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.006	Valid
05/05/2021 12:04	Pump Engine 4	%	0	0.1	0.05	0	0	26	26	1	0.1	0	0	0.1	1.001	Valid
05/05/2021 12:04	Pump Engine 2	%	0	0.1	0.11	0	0	26.6	26.5	1.01	-0.2	0	0	0.1	1.006	Valid
05/05/2021 12:04	Pump Engine 1	%	0	0.1	0.06	0	0	26.8	26.7	1	-0.2	0	0	0.1	1.004	Valid
06/05/2021 07:27	Pump Engine 1	%	0	1.8	1.82	-1.7	0	26.8	-0.1	-13.99	-100.4	100.2	0.5	1.8	-13.995	Invalid
06/05/2021 07:27	Pump Engine 2	%	0	0.9	0.93	-0.8	0	26.6	26.5	1.04	-0.2	0	0	0.9	1.039	Valid
06/05/2021 07:27	Pump Engine 4	%	0	2.4	2.4	-2.3	0	26	26	1.1	0.1	0	0	2.4	1.1	Valid
06/05/2021 12:04	Pump Engine 1	%	0	0.3	0.25	1.5	0	26.8	0.7	55.26	-97.3	-3.1	0.1	0.3	55.258	Invalid
06/05/2021 12:04	Pump Engine 2	%	0	-0.1	-0.07	1	0	26.6	26.5	1	-0.3	0.1	0	-0.1	1	Valid
06/05/2021 12:04	Pump Engine 4	%	0	0	-0.02	2.4	0	26	26	1	0.1	0	0	0	0.998	Valid
06/05/2021 12:16	Pump Engine 1	%	0	0	0.01	0.3	0	26.8	26.8	1	-0.2	-97.1	0	0	1.002	Valid
07/05/2021 12:04	Pump Engine 4	%	0	-0.1	-0.06	0.1	0	26	26	1	0.1	0	0	-0.1	0.996	Valid
07/05/2021 12:04	Pump Engine 2	%	0	0	-0.01	-0.1	0	26.6	26.5	1	-0.3	0	0	0	1.002	Valid
07/05/2021 12:04	Pump Engine 1	%	0	0	-0.01	0	0	26.8	26.8	1	-0.2	0	0	0	1.001	Valid
08/05/2021 12:04	Pump Engine 2	%	0	0.1	0.07	-0.1	0	26.6	26.5	1.01	-0.3	0	0	0.1	1.006	Valid
08/05/2021 12:04	Pump Engine 4	%	0	0	0.04	-0.1	0	26	26	1	0.1	0	0	0	1.001	Valid
08/05/2021 12:04	Pump Engine 1	%	0	-0.2	-0.21	0.2	0	26.8	26.7	0.99	-0.2	0	0	-0.2	0.994	Valid
09/05/2021 12:04	Pump Engine 4	%	0	0	0.04	0	0	26	26	1	0.1	0	0	0	1	Valid
09/05/2021 12:04	Pump Engine 2	%	0	0	-0.02	0.1	0	26.6	26.5	1	-0.3	0	0	0	1.002	Valid
09/05/2021 12:04	Pump Engine 1	%	0	0.2	0.21	-0.4	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.01	Valid
10/05/2021 12:04	Pump Engine 2	%	0	0.1	0.12	-0.1	0	26.6	26.5	1.01	-0.3	0	0	0.1	1.007	Valid
10/05/2021 12:04	Pump Engine 4	%	0	0.1	0.06	-0.1	0	26	26	1	0.1	0	0	0.1	1.001	Valid
10/05/2021 12:04	Pump Engine 1	%	0	0.1	0.07	0.1	0	26.8	26.8	1	-0.2	0	0	0.1	1.004	Valid
11/05/2021 12:04	Pump Engine 2	%	0	-0.1	-0.09	0.2	0	26.6	26.5	1	-0.3	0	0	-0.1	0.999	Valid
11/05/2021 12:04	Pump Engine 4	%	0	-0.1	-0.07	0.2	0	26	26	1	0.1	0	0	-0.1	0.996	Valid
11/05/2021 12:04	Pump Engine 1	%	0	0	0	0.1	0	26.8	26.8	1	-0.2	0	0	0	1.002	Valid
12/05/2021 12:04	Pump Engine 2	%	0	0	0.01	-0.1	0	26.6	26.5	1	-0.3	0	0	0	1.003	Valid
12/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	-0.1	0	26	26	1	0.1	0	0	0	0.999	Valid
12/05/2021 12:04	Pump Engine 1	%	0	0	0.03	0	0	26.8	26.8	1	-0.2	0	0	0	1.003	Valid
13/05/2021 12:04	Pump Engine 4	%	0	0	-0.04	0	0	26	26	1	0.1	0	0	0	0.997	Valid
13/05/2021 12:04	Pump Engine 2	%	0	0	-0.05	0	0	26.6	26.5	1	-0.3	0	0	0	1.001	Valid
13/05/2021 12:04	Pump Engine 1	%	0	0	0.03	0	0	26.8	26.8	1	-0.1	-0.1	0	0	1.003	Valid
14/05/2021 12:04	Pump Engine 2	%	0	0	0.03	0	0	26.6	26.5	1	-0.3	0	0	0	1.004	Valid
14/05/2021 12:04	Pump Engine 4	%	0	0	0.01	0	0	26	26	1	0.1	0	0	0	1	Valid
14/05/2021 12:04	Pump Engine 1	%	0	0	0.05	0	0	26.8	1	29.13	-96.4	96.3	0	0	29.13	Invalid
15/05/2021 12:04	Pump Engine 4	%	0	0	-0.02	0	0	26	26	1	0.1	0	0	0	0.998	Valid
15/05/2021 12:04	Pump Engine 2	%	0	0	-0.01	0	0	26.6	26.5	1	-0.2	-0.1	0	0	1.002	Valid
15/05/2021 12:04	Pump Engine 1	%	0	0	-0.01	0	0	26.8	26.8	1	-0.2	-96.2	0	0	1.001	Valid
16/05/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.5	1	-0.3	0.1	0	0	1.003	Valid
16/05/2021 12:04	Pump Engine 4	%	0	0	0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
16/05/2021 12:04	Pump Engine 1	%	0	-0.1	-0.08	0.1	0	26.8	26.8	1	-0.2	0	0	-0.1	0.999	Valid
17/05/2021 12:04	Pump Engine 4	%	0	0	0.02	0	0	26	26	1	0.2	-0.1	0	0	0.999	Valid
17/05/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.5	1	-0.3	0	0	0	1.003	Valid
17/05/2021 12:04	Pump Engine 1	%	0	0.1	0.1	-0.2	0	26.8	26.8	1.01	-0.2	0	0	0.1	1.006	Valid
18/05/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.5	1	-0.3	0	0	0	1.002	Valid
18/05/2021 12:04	Pump Engine 4	%	0	0	-0.04	0	0	26	26	1	0.1	0.1	0	0	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 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



Validation: All Calibrations

Date	Monitor	Units	Zero ZRef	Zero ZMeas	Zero ZDiff(%FS)	Zero ZDiffLast	Zero ZStd	Span SRef	Span SMeas	Span SDiff(%FS)	Span SDiff(%REF)	Span SDiffLast	Span SStd	Result Zero	Result Factor	Result Status
18/05/2021 12:04	Pump Engine 1	%	0	0	-0.02	0.1	0	26.8	26.8	1	-0.2	0	0	0	1.001	Valid
19/05/2021 12:04	Pump Engine 2	%	0	0	0	0	0	26.6	26.5	1	-0.3	0	0	0	1.003	Valid
19/05/2021 12:04	Pump Engine 1	%	0	0	0.04	0	0	26.8	26.8	1	-0.1	-0.1	0	0	1.003	Valid
19/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.2	-0.1	0	0	0.998	Valid
20/05/2021 12:04	Pump Engine 2	%	0	-0.2	-0.22	0.2	0	26.6	26.3	1	-1	0.7	0	-0.2	1.002	Valid
20/05/2021 12:04	Pump Engine 1	%	0	-0.2	-0.16	0.2	0	26.8	26.7	1	-0.2	0.1	0	-0.2	0.996	Valid
20/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	0	0	26	26	1	0.2	0	0	0	0.998	Valid
21/05/2021 12:04	Pump Engine 4	%	0	0.1	0.06	-0.1	0	26	26	1	0.1	0.1	0	0.1	1.002	Valid
21/05/2021 12:04	Pump Engine 2	%	0	0	0.02	-0.2	0	26.6	26.3	1.01	-1.1	0.1	0	0	1.012	Valid
21/05/2021 12:04	Pump Engine 1	%	0	0	0.03	-0.2	0	26.8	26.7	1	-0.2	0	0	0	1.003	Valid
22/05/2021 12:04	Pump Engine 2	%	0	0.8	0.81	-0.8	1.7	26.6	26.1	1.05	-2	0.9	0.1	0.8	1.053	Valid
22/05/2021 12:04	Pump Engine 4	%	0	0	-0.04	0.1	0	26	26	1	0.2	-0.1	0	0	0.997	Valid
22/05/2021 12:04	Pump Engine 1	%	0	0.2	0.15	-0.2	0	26.8	26.8	1.01	-0.1	-0.1	0	0.2	1.007	Valid
23/05/2021 12:04	Pump Engine 4	%	0	0	0.04	0	0	26	26	1	0.1	0.1	0	0	1	Valid
23/05/2021 12:04	Pump Engine 2	%	0	0	0.03	0.8	0	26.6	26.4	1.01	-0.7	-1.3	0	0	1.008	Valid
23/05/2021 12:04	Pump Engine 1	%	0	0	-0.03	0.2	0	26.8	26.8	1	-0.2	0.1	0	0	1.001	Valid
24/05/2021 12:04	Pump Engine 2	%	0	0.1	0.09	-0.1	0.1	26.6	26.2	1.02	-1.6	0.9	0.1	0.1	1.019	Valid
24/05/2021 12:04	Pump Engine 4	%	0	0	0.01	0	0	26	26	1	0.1	0	0	0	0.999	Valid
24/05/2021 12:04	Pump Engine 1	%	0	-0.3	-0.26	0.3	0	26.8	26.8	0.99	-0.2	0	0	-0.3	0.992	Valid
25/05/2021 12:04	Pump Engine 1	%	0	0.1	0.15	-0.4	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.008	Valid
25/05/2021 12:04	Pump Engine 2	%	0	-0.1	-0.14	0.2	0.1	26.6	26.4	1	-0.8	-0.8	0.1	-0.1	1.003	Valid
25/05/2021 12:04	Pump Engine 4	%	0	0	0.03	0	0	26	26	1	0.1	0	0	0	1	Valid
26/05/2021 12:04	Pump Engine 2	%	0	0.1	0.05	-0.2	0	26.6	26.3	1.01	-1	0.2	0.1	0.1	1.012	Valid
26/05/2021 12:04	Pump Engine 4	%	0	0.1	0.07	-0.1	0	26	26	1	0.1	0	0	0.1	1.001	Valid
26/05/2021 12:04	Pump Engine 1	%	0	0	-0.03	0.1	0	26.8	26.7	1	-0.2	0	0	0	1.001	Valid
27/05/2021 12:04	Pump Engine 4	%	0	-0.1	-0.09	0.2	0	26	26	1	0.1	0	0	-0.1	0.995	Valid
27/05/2021 12:04	Pump Engine 2	%	0	-0.2	-0.21	0.3	0.3	26.6	26.3	1	-1.1	0.1	0.1	-0.2	1.003	Valid
27/05/2021 12:04	Pump Engine 1	%	0	-0.1	-0.06	0.1	0	26.8	26.8	1	-0.2	0	0	-0.1	1	Valid
28/05/2021 12:04	Pump Engine 4	%	0	0	-0.01	-0.1	0	26	26	1	0.1	0	0	0	0.999	Valid
28/05/2021 12:04	Pump Engine 2	%	0	-0.3	-0.3	0.1	0.1	26.6	26.2	1	-1.4	0.3	0.1	-0.3	1.003	Valid
28/05/2021 12:04	Pump Engine 1	%	0	-0.2	-0.19	0.1	0	26.8	26.7	0.99	-0.2	0	0	-0.2	0.995	Valid
29/05/2021 12:04	Pump Engine 4	%	0	0.1	0.13	-0.1	0	26	26	1	0.1	0	0	0.1	1.004	Valid
29/05/2021 12:04	Pump Engine 2	%	0	0.6	0.57	-0.9	0	26.6	26.5	1.03	-0.3	-1.1	0	0.6	1.025	Valid
29/05/2021 12:04	Pump Engine 1	%	0	-0.1	-0.09	-0.1	0	26.8	26.7	1	-0.3	0.1	0	-0.1	0.999	Valid
30/05/2021 12:04	Pump Engine 2	%	0	0	0.05	0.6	0	26.6	26.5	1.01	-0.3	0	0	0	1.005	Valid
30/05/2021 12:04	Pump Engine 4	%	0	0	0.04	0.1	0	26	26	1	0.1	0	0	0	1	Valid
30/05/2021 12:04	Pump Engine 1	%	0	0.5	0.5	-0.6	0	26.8	26.7	1.02	-0.4	0.1	0	0.5	1.023	Valid
31/05/2021 12:04	Pump Engine 4	%	0	0	-0.04	0	0	26	26	1	0.1	0	0	0	0.998	Valid
31/05/2021 12:04	Pump Engine 2	%	0	-0.3	-0.32	0.3	0	26.6	26.5	0.99	-0.3	0	0	-0.3	0.991	Valid
31/05/2021 12:04	Pump Engine 1	%	0	-0.5	-0.46	1	0	26.8	26.7	0.99	-0.2	-0.2	0	-0.5	0.985	Valid
01/06/2021 12:04	Pump Engine 2	%	0	-0.2	-0.17	-0.1	0	26.6	26.5	1	-0.5	0.2	0	-0.2	0.998	Valid
01/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.11	0.1	0	26	26	0.99	0.1	0	0	-0.1	0.994	Valid
01/06/2021 12:04	Pump Engine 1	%	0	0.2	0.21	-0.7	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.01	Valid
02/06/2021 12:04	Pump Engine 4	%	0	0	0.02	-0.1	0	26	26	1	0.1	0	0	0	1	Valid
02/06/2021 12:04	Pump Engine 2	%	0	-0.1	-0.08	-0.1	0	26.6	26.4	1	-0.7	0.2	0	-0.1	1.004	Valid
02/06/2021 12:04	Pump Engine 1	%	0	0	0.01	0.2	0	26.8	26.8	1	-0.2	0	0	0	1.002	Valid
03/06/2021 12:04	Pump Engine 2	%	0	0.3	0.25	-0.4	0	26.6	26.4	1.02	-0.6	-0.1	0	0.3	1.016	Valid
03/06/2021 12:04	Pump Engine 1	%	0	0	0.03	0	0	26.8	26.7	1	-0.2	0	0	0	1.003	Valid
03/06/2021 12:04	Pump Engine 4	%	0	0.1	0.1	-0.1	0	26	26	1	0.1	0	0	0.1	1.003	Valid
04/06/2021 12:04	Pump Engine 4	%	0	0	-0.04	0.1	0	26	26	1	0.1	0	0	0	0.997	Valid
04/06/2021 12:04	Pump Engine 2	%	0	-0.2	-0.16	0.5	0	26.6	26.4	1	-0.6	0	0	-0.2	1.001	Valid
04/06/2021 12:04	Pump Engine 1	%	0	0	-0.04	0	0	26.8	26.7	1	-0.3	0.1	0	0	1.001	Valid
05/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.1	0.1	0	26	26	0.99	0.1	0	0	-0.1	0.995	Valid
05/06/2021 12:04	Pump Engine 1	%	0	-0.2	-0.24	0.2	0	26.8	26.7	0.99	-0.2	-0.1	0	-0.2	0.994	Valid
05/06/2021 12:04	Pump Engine 2	%	0	-0.2	-0.21	0	0	26.6	26.4	1	-0.7	0.1	0.1	-0.2	0.999	Valid
06/06/2021 12:04	Pump Engine 2	%	0	0.1	0.05	-0.3	0.2	26.6	26.7	1	0.6	-1.3	0.3	0.1	0.996	Valid
06/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.06	0	0	26	26	1	0.2	-0.1	0	-0.1	0.996	Valid
06/06/2021 12:04	Pump Engine 1	%	0	0.1	0.09	-0.3	0	26.8	26.8	1.01	-0.2	0	0	0.1	1.005	Valid
07/06/2021 12:04	Pump Engine 1	%	0	0.3	0.31	-0.2	0	26.8	26.7	1.01	-0.2	0	0	0.3	1.014	Valid
07/06/2021 12:04	Pump Engine 2	%	0	0.3	0.3	-0.2	0.1	26.6	26.3	1.02	-1.3	1.9	0	0.3	1.024	Valid
07/06/2021 12:04	Pump Engine 4	%	0	0	0.04	-0.1	0	26	26	1	0.2	0	0	0	1	Valid
08/06/2021 12:04	Pump Engine 4	%	0	0.1	0.08	-0.1	0	26	26	1	0.1	0.1	0	0.1	1.002	Valid
08/06/2021 12:04	Pump Engine 2	%	0	0	0	0.3	0.4	26.6	26.5	1	-0.2	-1.1	0.5	0	1.002	Valid
08/06/2021 12:04	Pump Engine 1	%	0	0.1	0.1	0.2	0	26.8	26.8	1.01	-0.1	-0.1	0	0.1	1.005	Valid
09/06/2021 12:04	Pump Engine 2	%	0	0.3	0.33	-0.3	0.2	26.6	27.2	0.99	2.2	-2.4	0.8	0.3	0.99	Valid
09/06/2021 12:04	Pump Engine 1	%	0	-0.4	-0.36	0.5	0	26.8	26.7	0.99	-0.2	0.1	0	-0.4	0.989	Valid
09/06/2021 12:04	Pump Engine 4	%	0	0	0.02	0.1	0	26	26	1	0.2	-0.1	0	0	0.999	Valid
10/06/2021 12:04	Pump Engine 2	%	0	0.2	0.19	0.1	0.1	26.6	26.1	1.03	-1.8	4	0.2	0.2	1.026	Valid
10/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.08	0.1	0	26	26	1	0.1	0.1	0	-0.1	0.996	Valid
10/06/2021 12:04	Pump Engine 1	%	0	0.1	0.09	-0.5	0	26.8	26.8	1.01	-0.2	0	0	0.1	1.005	Valid
11/06/2021 12:04	Pump Engine 2	%	0	0.7	0.68	-0.5	0.6	26.6	26.4	1.03	-0.6	-1.2	0.7	0.7	1.033	Valid
11/06/2021 12:04	Pump Engine 4	%	0	0	0.03	-0.1	0	26	26	1	0.1	0	0	0	1	Valid
11/06/2021 12:04	Pump Engine 1	%	0	-0.1	-0.07	0.2	0	26.8	26.7	1	-0.2	0	0	-0.1	0.999	Valid
12/06/2021 12:04	Pump Engine 4	%	0	0.1	0.06	-0.1	0	26	26	1	0.1	0	0	0.1	1.001	Valid
12/06/2021 12:04	Pump Engine 2	%	0	-0.2	-0.22	0.9	0.4	26.6	27	0.98	1.5	-2.1	0.2	-0.2	0.978	Valid
12/06/2021 12:04	Pump Engine 1	%	0	0.2	0.17	-0.3	0	26.8	26.7	1.01	-0.2	0	0	0.2	1.009	Valid
13/06/2021 12:04	Pump Engine 1	%	0	0.1	0.11	0.1	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.006	Valid
13/06/2021 12:04	Pump Engine 2	%	0	0.7	0.75	-0.9	0.1	26.6	26.5	1.03	-0.5	2	0.5	0.7	1.034	Valid
13/06/2021 12:04	Pump Engine 4	%	0	0	-0.02	0.1	0	26	26	1	0	0.1	0	0	0.999	Valid
14/06/2021 12:04	Pump Engine 2	%	0	0.6	0.65	0.1	0.2	26.6	26	1.05	-2.4	1.9	0.2	0.6	1.051	Valid
14/06/2021 12:04	Pump Engine 4	%	0	0.1	0.07	-0.1	0	26	26	1	0.1	-0.1	0	0.1	1.002	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 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



Validation: All Calibrations

Date	Monitor	Units	Zero ZRef	Zero ZMeas	Zero ZDiff(%FS)	Zero ZDiffLast	Zero ZStd	Span SRef	Span SMeas	Span SDiff(%FS)	Span SDiff(%REF)	Span SDiffLast	Span SStd	Result Zero	Result Factor	Result Status
14/06/2021 12:04	Pump Engine 1	%	0	-0.1	-0.14	0.2	0	26.8	26.7	1	-0.3	0.1	0	-0.1	0.997	Valid
15/06/2021 12:04	Pump Engine 2	%	0	0	-0.02	0.6	0	26.6	26.4	1.01	-0.8	-1.6	0	0	1.008	Valid
15/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.1	0.2	0	26	26	0.99	0.1	0	0	-0.1	0.995	Valid
15/06/2021 12:04	Pump Engine 1	%	0	0.1	0.12	-0.2	0	26.8	26.8	1.01	-0.1	-0.2	0	0.1	1.006	Valid
16/06/2021 12:04	Pump Engine 4	%	0	0	-0.03	-0.1	0	26	26	1	0.1	0	0	0	0.998	Valid
16/06/2021 12:04	Pump Engine 2	%	0	0	-0.04	0	0	26.6	26.4	1.01	-0.8	0	0	0	1.006	Valid
16/06/2021 12:04	Pump Engine 1	%	0	-0.1	-0.08	0.2	0	26.8	26.7	1	-0.2	0.1	0	-0.1	0.999	Valid
17/06/2021 12:04	Pump Engine 4	%	0	0	-0.03	0	0	26	26	1	0.1	0	0	0	0.998	Valid
17/06/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.4	1.01	-0.7	-0.1	0	0	1.007	Valid
17/06/2021 12:04	Pump Engine 1	%	0	0	0	-0.1	0	26.8	26.8	1	-0.2	0	0	0	1.002	Valid
18/06/2021 12:04	Pump Engine 4	%	0	0	0	0	0	26	26	1	0.1	0	0	0	0.999	Valid
18/06/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.4	1.01	-0.7	0	0	0	1.007	Valid
18/06/2021 12:04	Pump Engine 1	%	0	0.1	0.07	-0.1	0	26.8	26.8	1	-0.2	0	0	0.1	1.004	Valid
19/06/2021 12:04	Pump Engine 2	%	0	0.1	0.09	-0.1	0	26.6	26.4	1.01	-0.8	0.1	0	0.1	1.011	Valid
19/06/2021 12:04	Pump Engine 4	%	0	0	0.02	0	0	26	26	1	0.2	-0.1	0	0	0.999	Valid
19/06/2021 12:04	Pump Engine 1	%	0	0.3	0.27	-0.2	0	26.8	26.8	1.01	-0.1	-0.1	0	0.3	1.012	Valid
20/06/2021 12:04	Pump Engine 2	%	0	0	-0.02	0.1	0	26.6	26.4	1.01	-0.8	0	0	0	1.007	Valid
20/06/2021 12:04	Pump Engine 1	%	0	0	-0.01	0.3	0	26.8	26.8	1	-0.2	0.1	0	0	1.001	Valid
20/06/2021 12:04	Pump Engine 4	%	0	0.1	0.05	-0.1	0	26	26	1	0.1	0.1	0	0.1	1.001	Valid
21/06/2021 12:04	Pump Engine 2	%	0	0.1	0.05	-0.1	0	26.6	26.4	1.01	-0.8	0	0	0.1	1.01	Valid
21/06/2021 12:04	Pump Engine 1	%	0	-0.2	-0.21	0.2	0	26.8	26.8	0.99	-0.2	0	0	-0.2	0.994	Valid
21/06/2021 12:04	Pump Engine 4	%	0	0.1	0.07	0	0	26	26	1	0.1	0	0	0.1	1.001	Valid
22/06/2021 12:04	Pump Engine 2	%	0	0	0.02	0.1	0	26.6	26.4	1.01	-0.8	0	0	0	1.009	Valid
22/06/2021 12:04	Pump Engine 1	%	0	0.1	0.06	-0.3	0	26.8	26.7	1	-0.2	0	0	0.1	1.004	Valid
22/06/2021 12:04	Pump Engine 4	%	0	0	0	0.1	0	26	26	1	0.1	0	0	0	0.999	Valid
23/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.06	0.1	0	26	26.1	1	0.2	-0.1	0	-0.1	0.996	Valid
23/06/2021 12:04	Pump Engine 2	%	0	-0.1	-0.07	0.1	0	26.6	26.4	1	-0.7	-0.1	0	-0.1	1.004	Valid
23/06/2021 12:04	Pump Engine 1	%	0	0.1	0.05	0	0	26.8	26.8	1	-0.2	0	0	0.1	1.004	Valid
24/06/2021 12:04	Pump Engine 2	%	0	0	0.03	-0.1	0	26.6	26.4	1.01	-0.8	0.1	0	0	1.009	Valid
24/06/2021 12:04	Pump Engine 1	%	0	0	0	0.1	0	26.8	26.8	1	-0.2	0	0	0	1.002	Valid
24/06/2021 12:04	Pump Engine 4	%	0	0	-0.03	-0.1	0	26	26	1	0.1	0.1	0	0	0.998	Valid
25/06/2021 12:04	Pump Engine 4	%	0	0	0.05	0	0	26	26	1	0.1	0	0	0	1	Valid
25/06/2021 12:04	Pump Engine 1	%	0	0.1	0.14	-0.1	0	26.8	26.8	1.01	-0.2	0	0	0.1	1.007	Valid
25/06/2021 12:04	Pump Engine 2	%	0	0	0.05	0	0	26.6	26.4	1.01	-0.8	0	0	0	1.01	Valid
26/06/2021 12:04	Pump Engine 4	%	0	0	0.04	0	0	26	26	1	0.2	-0.1	0	0	1	Valid
26/06/2021 12:04	Pump Engine 2	%	0	0	0.04	0	0	26.6	26.4	1.01	-0.8	0	0	0	1.009	Valid
26/06/2021 12:04	Pump Engine 1	%	0	-0.3	-0.26	0.4	0	26.8	26.7	0.99	-0.2	0	0	-0.3	0.992	Valid
27/06/2021 12:04	Pump Engine 2	%	0	0	-0.02	0	0	26.6	26.4	1.01	-0.8	0	0	0	1.007	Valid
27/06/2021 12:04	Pump Engine 4	%	0	0	0.04	0	0	26	26	1	0.1	0.1	0	0	1	Valid
27/06/2021 12:04	Pump Engine 1	%	0	-0.1	-0.08	-0.2	0	26.8	26.8	1	-0.2	0	0	-0.1	0.999	Valid
28/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.05	0.1	0	26	26	1	0.2	-0.1	0	-0.1	0.996	Valid
28/06/2021 12:04	Pump Engine 2	%	0	0	-0.03	0	0	26.6	26.4	1.01	-0.9	0.1	0	0	1.008	Valid
28/06/2021 12:04	Pump Engine 1	%	0	0.1	0.08	-0.2	0	26.8	26.7	1.01	-0.2	0	0	0.1	1.005	Valid
29/06/2021 12:04	Pump Engine 1	%	0	0.2	0.19	-0.1	0	26.8	26.8	1.01	-0.2	0	0	0.2	1.009	Valid
29/06/2021 12:04	Pump Engine 4	%	0	0	-0.04	-0.1	0	26	26	1	0.1	0.1	0	0	0.997	Valid
29/06/2021 12:04	Pump Engine 2	%	0	0	0.01	0	0	26.6	26.4	1.01	-0.9	0	0	0	1.009	Valid
30/06/2021 12:04	Pump Engine 4	%	0	-0.1	-0.06	0.1	0	26	26	1	0.2	-0.1	0	-0.1	0.996	Valid
30/06/2021 12:04	Pump Engine 2	%	0	0	-0.01	0	0	26.6	26.3	1.01	-1	0.1	0	0	1.01	Valid
30/06/2021 12:04	Pump Engine 1	%	0	0.1	0.05	0.1	0	26.8	26.8	1	-0.2	0	0	0.1	1.004	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 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54 **Validat** All Opacity Data
MultiStation: 04/01/2021 00:00-06/30/2021 23:59 **Type:** AVG 6 Mins. Exceedance>=20



Date Time	Station	Monitor	Units	Value
3/5/2021 4:42	Opacity	Pump Engine 1	%	20
3/5/2021 8:00	Opacity	Pump Engine 1	%	20
Total Events		2		
Date Time	Station	Monitor	Units	Value
07/04/2021 08:30	Opacity	Pump Engine 2	%	21
15/04/2021 12:30	Opacity	Pump Engine 2	%	29.6
15/04/2021 12:36	Opacity	Pump Engine 2	%	31.9
21/04/2021 07:42	Opacity	Pump Engine 2	%	21.6
28/04/2021 06:42	Opacity	Pump Engine 2	%	20.3
12/05/2021 22:18	Opacity	Pump Engine 2	%	21.7
19/05/2021 15:54	Opacity	Pump Engine 2	%	21.7
19/05/2021 16:54	Opacity	Pump Engine 2	%	22.2
22/05/2021 11:06	Opacity	Pump Engine 2	%	20.1
23/05/2021 11:06	Opacity	Pump Engine 2	%	20.1
03/06/2021 07:48	Opacity	Pump Engine 2	%	38.9
03/06/2021 07:54	Opacity	Pump Engine 2	%	29.8
11/06/2021 07:12	Opacity	Pump Engine 2	%	30.6
11/06/2021 07:18	Opacity	Pump Engine 2	%	21.6
13/06/2021 09:48	Opacity	Pump Engine 2	%	28.9
16/06/2021 07:54	Opacity	Pump Engine 2	%	21
16/06/2021 08:00	Opacity	Pump Engine 2	%	32.2
21/06/2021 06:18	Opacity	Pump Engine 2	%	24
21/06/2021 06:24	Opacity	Pump Engine 2	%	36.3
21/06/2021 06:30	Opacity	Pump Engine 2	%	20.8
22/06/2021 07:48	Opacity	Pump Engine 2	%	22.3
24/06/2021 06:48	Opacity	Pump Engine 2	%	23.7
Total Events		22		
Date Time	Station	Monitor	Units	Value
24/04/2021 05:00	Opacity	Pump Engine 4	%	23.4
Total Events		1		

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 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/1/2021 12:00 AM	1.072	0.47	-0.48
4/1/2021 12:06 AM	1.182	0.443	3.225
4/1/2021 12:12 AM	1.291	0.418	4.009
4/1/2021 12:18 AM	1.328	0.388	0.539
4/1/2021 12:24 AM	1.342	0.405	0.202
4/1/2021 12:30 AM	1.322	0.385	-0.042
4/1/2021 12:36 AM	1.333	0.382	-0.219
4/1/2021 12:42 AM	1.329	0.411	-0.328
4/1/2021 12:48 AM	1.252	0.445	-0.378
4/1/2021 12:54 AM	1.201	0.449	-0.393
4/1/2021 1:00 AM	1.211	0.431	-0.375
4/1/2021 1:06 AM	1.25	0.442	-0.351
4/1/2021 1:12 AM	1.317	0.476	-0.338
4/1/2021 1:18 AM	1.304	0.496	-0.334
4/1/2021 1:24 AM	1.215	0.473	-0.341
4/1/2021 1:30 AM	0.947	0.453	-0.352
4/1/2021 1:36 AM	0.287	0.453	-0.367
4/1/2021 1:42 AM	-0.233	0.457	-0.382
4/1/2021 1:48 AM	-0.447	0.489	-0.395
4/1/2021 1:54 AM	-0.499	0.484	-0.403
4/1/2021 2:00 AM	-0.491	0.463	-0.399
4/1/2021 2:06 AM	-0.511	0.437	-0.399
4/1/2021 2:12 AM	-0.466	0.414	-0.406
4/1/2021 2:18 AM	-0.46	0.4	-0.413
4/1/2021 2:24 AM	-0.462	0.379	-0.405
4/1/2021 2:30 AM	-0.419	0.396	-0.391
4/1/2021 2:36 AM	-0.39	0.411	-0.389
4/1/2021 2:42 AM	-0.384	0.444	-0.382
4/1/2021 2:48 AM	-0.365	0.447	-0.357
4/1/2021 2:54 AM	-0.35	0.434	-0.333
4/1/2021 3:00 AM	-0.332	0.449	-0.316
4/1/2021 3:06 AM	-0.307	0.485	-0.304
4/1/2021 3:12 AM	-0.284	0.513	-0.295
4/1/2021 3:18 AM	-0.27	0.507	-0.29
4/1/2021 3:24 AM	-0.238	0.499	-0.285
4/1/2021 3:30 AM	-0.256	0.473	-0.283
4/1/2021 3:36 AM	-0.281	0.448	-0.285
4/1/2021 3:42 AM	-0.286	0.45	-0.295
4/1/2021 3:48 AM	-0.241	0.418	-0.315
4/1/2021 3:54 AM	-0.193	0.395	-0.329
4/1/2021 4:00 AM	-0.202	0.399	-0.339
4/1/2021 4:06 AM	-0.207	0.399	-0.35
4/1/2021 4:12 AM	-0.211	0.42	-0.356
4/1/2021 4:18 AM	-0.2	0.432	-0.359
4/1/2021 4:24 AM	-0.192	0.39	-0.367
4/1/2021 4:30 AM	-0.169	0.391	-0.375
4/1/2021 4:36 AM	-0.155	0.406	-0.377
4/1/2021 4:42 AM	-0.135	0.406	-0.376
4/1/2021 4:48 AM	-0.138	0.385	-0.374
4/1/2021 4:54 AM	-0.155	0.382	-0.37
4/1/2021 5:00 AM	-0.134	0.388	-0.371
4/1/2021 5:06 AM	-0.126	0.394	-0.373

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/1/2021 5:12 AM	-0.108	0.37	-0.362
4/1/2021 5:18 AM	-0.111	0.374	-0.342
4/1/2021 5:24 AM	-0.093	0.409	-0.325
4/1/2021 5:30 AM	-0.084	0.397	-0.318
4/1/2021 5:36 AM	-0.055	0.422	-0.317
4/1/2021 5:42 AM	-0.053	0.438	-0.325
4/1/2021 5:48 AM	-0.034	0.424	-0.337
4/1/2021 5:54 AM	-0.04	0.407	-0.344
4/1/2021 6:00 AM	-0.037	0.403	-0.34
4/1/2021 6:06 AM	-0.07	0.429	-0.334
4/1/2021 6:12 AM	-0.097	0.458	-0.322
4/1/2021 6:18 AM	-0.128	0.449	-0.312
4/1/2021 6:24 AM	-0.109	0.42	-0.311
4/1/2021 6:30 AM	-0.058	0.458	-0.313
4/1/2021 6:36 AM	-0.049	0.474	-0.322
4/1/2021 6:42 AM	-0.035	0.454	-0.334
4/1/2021 6:48 AM	-0.02	0.442	-0.34
4/1/2021 6:54 AM	-0.018	0.451	-0.347
4/1/2021 7:00 AM	0.028	0.461	-0.354
4/1/2021 7:06 AM	0.014	0.498	-0.352
4/1/2021 7:12 AM	-0.038	0.525	-0.335
4/1/2021 7:18 AM	-0.06	0.5	-0.318
4/1/2021 7:24 AM	-0.046	0.474	-0.313
4/1/2021 7:30 AM	-0.027	0.496	-0.314
4/1/2021 7:36 AM	-0.035	0.507	-0.317
4/1/2021 7:42 AM	-0.043	0.494	-0.314
4/1/2021 7:48 AM	-0.026	0.498	-0.316
4/1/2021 7:54 AM	-0.022	0.537	-0.325
4/1/2021 8:00 AM	-0.015	0.549	-0.328
4/1/2021 8:06 AM	-0.02	0.532	-0.329
4/1/2021 8:12 AM	0.014	0.552	-0.323
4/1/2021 8:18 AM	0.015	0.549	-0.32
4/1/2021 8:24 AM	-0.001	0.537	-0.319
4/1/2021 8:30 AM	0.013	0.532	-0.318
4/1/2021 8:36 AM	0.02	0.532	-0.318
4/1/2021 8:42 AM	0.009	0.535	-0.316
4/1/2021 8:48 AM	2.003	0.517	-0.313
4/1/2021 8:54 AM	2.92	0.537	-0.31
4/1/2021 9:00 AM	1.659	0.534	-0.312
4/1/2021 9:06 AM	1.627	0.536	-0.314
4/1/2021 9:12 AM	1.606	0.52	-0.312
4/1/2021 9:18 AM	1.58	0.481	-0.308
4/1/2021 9:24 AM	1.488	0.457	-0.308
4/1/2021 9:30 AM	1.35	0.448	-0.307
4/1/2021 9:36 AM	1.158	0.451	-0.308
4/1/2021 9:42 AM	0.983	0.472	-0.313
4/1/2021 9:48 AM	0.743	0.47	-0.316
4/1/2021 9:54 AM	0.466	0.471	-0.321
4/1/2021 10:00 AM	0.293	0.474	-0.321
4/1/2021 10:06 AM	0.297	0.491	-0.321
4/1/2021 10:12 AM	0.425	0.487	-0.32
4/1/2021 10:18 AM	0.534	0.47	-0.312

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/1/2021 10:24 AM	0.564	0.501	-0.304
4/1/2021 10:30 AM	0.596	0.483	-0.295
4/1/2021 10:36 AM	0.556	0.506	-0.285
4/1/2021 10:42 AM	0.529	0.559	-0.278
4/1/2021 10:48 AM	0.438	0.548	-0.281
4/1/2021 10:54 AM	0.366	0.551	-0.299
4/1/2021 11:00 AM	0.292	0.568	-0.321
4/1/2021 11:06 AM	0.194	0.585	-0.34
4/1/2021 11:12 AM	0.071	0.637	-0.357
4/1/2021 11:18 AM	-0.065	0.691	-0.37
4/1/2021 11:24 AM	-0.156	0.728	-0.386
4/1/2021 11:30 AM	-0.204	0.76	-0.396
4/1/2021 11:36 AM	-0.232	0.751	-0.402
4/1/2021 11:42 AM	-0.243	0.758	-0.408
4/1/2021 11:48 AM	-0.24	0.793	-0.418
4/1/2021 11:54 AM	-0.241	0.815	-0.425
4/1/2021 12:00 PM	-0.087	0.779	-0.408
4/1/2021 12:06 PM	0.503	0.678	-0.348
4/1/2021 12:12 PM	0.524	0.695	-0.349
4/1/2021 12:18 PM	0.574	0.721	-0.351
4/1/2021 12:24 PM	0.597	0.733	-0.355
4/1/2021 12:30 PM	0.603	0.742	-0.362
4/1/2021 12:36 PM	0.642	0.766	-0.368
4/1/2021 12:42 PM	0.655	0.797	-0.373
4/1/2021 12:48 PM	0.664	0.857	-0.379
4/1/2021 12:54 PM	0.707	0.864	-0.385
4/1/2021 1:00 PM	0.729	0.833	-0.384
4/1/2021 1:06 PM	0.768	0.846	-0.384
4/1/2021 1:12 PM	0.794	0.855	-0.389
4/1/2021 1:18 PM	0.808	0.869	-0.393
4/1/2021 1:24 PM	0.824	0.874	-0.398
4/1/2021 1:30 PM	0.855	0.813	-0.403
4/1/2021 1:36 PM	0.882	0.731	-0.404
4/1/2021 1:42 PM	0.899	0.69	-0.406
4/1/2021 1:48 PM	0.898	0.687	-0.403
4/1/2021 1:54 PM	0.901	0.668	-0.396
4/1/2021 2:00 PM	0.925	0.601	-0.391
4/1/2021 2:06 PM	0.947	0.561	-0.386
4/1/2021 2:12 PM	0.948	0.566	-0.381
4/1/2021 2:18 PM	0.957	0.601	-0.37
4/1/2021 2:24 PM	0.947	0.627	5.707
4/1/2021 2:30 PM	0.943	0.627	6.498
4/1/2021 2:36 PM	0.964	0.638	4.597
4/1/2021 2:42 PM	0.973	0.643	3.259
4/1/2021 2:48 PM	0.965	0.664	2.771
4/1/2021 2:54 PM	0.964	0.685	2.221
4/1/2021 3:00 PM	0.969	0.686	1.408
4/1/2021 3:06 PM	0.984	0.68	1.078
4/1/2021 3:12 PM	1.002	0.659	1.005
4/1/2021 3:18 PM	0.999	0.617	0.965
4/1/2021 3:24 PM	0.99	0.596	0.933
4/1/2021 3:30 PM	0.987	0.633	0.91

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/1/2021 3:36 PM	1.016	0.685	0.909
4/1/2021 3:42 PM	1.022	0.702	0.927
4/1/2021 3:48 PM	1.023	0.769	0.929
4/1/2021 3:54 PM	1.051	0.852	0.956
4/1/2021 4:00 PM	1.064	0.937	0.995
4/1/2021 4:06 PM	1.054	0.997	1.018
4/1/2021 4:12 PM	1.015	1.056	1.066
4/1/2021 4:18 PM	1.006	1.246	1.059
4/1/2021 4:24 PM	1.02	1.441	0.922
4/1/2021 4:30 PM	1.024	1.626	0.816
4/1/2021 4:36 PM	1.027	1.646	0.814
4/1/2021 4:42 PM	1.008	1.57	0.795
4/1/2021 4:48 PM	0.984	1.467	0.775
4/1/2021 4:54 PM	0.981	1.368	0.754
4/1/2021 5:00 PM	0.976	1.293	0.73
4/1/2021 5:06 PM	0.99	1.18	0.72
4/1/2021 5:12 PM	1.009	1.13	0.698
4/1/2021 5:18 PM	1.046	1.107	0.776
4/1/2021 5:24 PM	1.053	1.083	0.826
4/1/2021 5:30 PM	1.038	1.108	0.793
4/1/2021 5:36 PM	1.011	1.165	0.744
4/1/2021 5:42 PM	1.017	1.158	0.731
4/1/2021 5:48 PM	1.04	1.115	0.719
4/1/2021 5:54 PM	1.052	1.079	0.737
4/1/2021 6:00 PM	1.071	1.077	0.741
4/1/2021 6:06 PM	1.079	1.059	0.695
4/1/2021 6:12 PM	1.068	1.059	0.685
4/1/2021 6:18 PM	1.058	1.069	0.699
4/1/2021 6:24 PM	1.036	1.072	0.695
4/1/2021 6:30 PM	1.041	1.073	0.666
4/1/2021 6:36 PM	1.056	1.07	0.675
4/1/2021 6:42 PM	1.065	1.089	0.694
4/1/2021 6:48 PM	1.063	1.105	0.665
4/1/2021 6:54 PM	1.061	1.119	0.665
4/1/2021 7:00 PM	1.065	1.12	0.667
4/1/2021 7:06 PM	1.074	1.121	0.688
4/1/2021 7:12 PM	1.09	1.145	0.678
4/1/2021 7:18 PM	1.094	1.173	0.652
4/1/2021 7:24 PM	1.09	1.189	0.638
4/1/2021 7:30 PM	1.086	1.178	0.643
4/1/2021 7:36 PM	1.086	1.172	0.675
4/1/2021 7:42 PM	1.083	1.159	0.692
4/1/2021 7:48 PM	1.072	1.129	0.683
4/1/2021 7:54 PM	1.092	1.087	0.689
4/1/2021 8:00 PM	1.107	1.087	0.698
4/1/2021 8:06 PM	1.102	1.096	0.707
4/1/2021 8:12 PM	1.099	1.095	0.7
4/1/2021 8:18 PM	1.095	1.121	0.673
4/1/2021 8:24 PM	1.057	1.174	0.669
4/1/2021 8:30 PM	1.016	1.201	0.663
4/1/2021 8:36 PM	1.001	1.191	0.681
4/1/2021 8:42 PM	1.027	1.162	0.708

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/1/2021 8:48 PM	1.06	1.163	0.704
4/1/2021 8:54 PM	1.054	1.206	0.739
4/1/2021 9:00 PM	1.053	1.207	0.745
4/1/2021 9:06 PM	1.016	1.183	0.696
4/1/2021 9:12 PM	0.985	1.223	0.688
4/1/2021 9:18 PM	0.959	1.251	0.686
4/1/2021 9:24 PM	0.946	1.236	0.708
4/1/2021 9:30 PM	0.943	1.247	0.708
4/1/2021 9:36 PM	0.934	1.279	0.703
4/1/2021 9:42 PM	0.92	1.273	0.707
4/1/2021 9:48 PM	0.915	1.261	0.702
4/1/2021 9:54 PM	0.924	1.234	0.697
4/1/2021 10:00 PM	0.93	1.253	0.713
4/1/2021 10:06 PM	0.922	1.267	0.727
4/1/2021 10:12 PM	0.917	1.278	0.73
4/1/2021 10:18 PM	0.939	1.292	0.718
4/1/2021 10:24 PM	0.928	1.274	0.714
4/1/2021 10:30 PM	0.912	1.273	0.723
4/1/2021 10:36 PM	0.91	1.307	0.699
4/1/2021 10:42 PM	0.952	1.368	0.697
4/1/2021 10:48 PM	0.979	1.409	0.722
4/1/2021 10:54 PM	0.94	1.394	0.732
4/1/2021 11:00 PM	0.918	1.396	0.739
4/1/2021 11:06 PM	0.93	1.465	0.735
4/1/2021 11:12 PM	0.919	1.482	0.699
4/1/2021 11:18 PM	0.898	1.491	0.697
4/1/2021 11:24 PM	0.88	1.477	0.717
4/1/2021 11:30 PM	0.884	1.503	0.714
4/1/2021 11:36 PM	0.894	1.511	0.727
4/1/2021 11:42 PM	0.888	1.478	0.729
4/1/2021 11:48 PM	0.88	1.475	0.728
4/1/2021 11:54 PM	0.874	1.496	0.723
4/2/2021 12:00 AM	0.877	1.541	0.723
4/2/2021 12:06 AM	0.888	1.554	0.683
4/2/2021 12:12 AM	1.197	1.521	0.06
4/2/2021 12:18 AM	1.348	1.476	-0.498
4/2/2021 12:24 AM	1.216	1.496	-0.512
4/2/2021 12:30 AM	1.156	1.536	-0.509
4/2/2021 12:36 AM	1.103	1.551	-0.488
4/2/2021 12:42 AM	1.196	1.565	-0.473
4/2/2021 12:48 AM	1.302	1.56	-0.483
4/2/2021 12:54 AM	1.245	1.537	-0.504
4/2/2021 1:00 AM	1.234	1.504	-0.497
4/2/2021 1:06 AM	1.266	1.48	-0.49
4/2/2021 1:12 AM	1.192	1.501	-0.479
4/2/2021 1:18 AM	1.144	1.511	-0.48
4/2/2021 1:24 AM	1.116	1.488	-0.486
4/2/2021 1:30 AM	1.074	1.455	-0.47
4/2/2021 1:36 AM	1.043	1.429	-0.462
4/2/2021 1:42 AM	1.025	1.406	-0.468
4/2/2021 1:48 AM	1.027	1.404	-0.468
4/2/2021 1:54 AM	1.017	1.395	-0.47

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/2/2021 2:00 AM	0.967	1.375	-0.478
4/2/2021 2:06 AM	0.936	1.384	-0.47
4/2/2021 2:12 AM	0.922	1.382	-0.454
4/2/2021 2:18 AM	0.911	1.346	-0.453
4/2/2021 2:24 AM	0.9	1.324	-0.443
4/2/2021 2:30 AM	0.897	1.33	-0.443
4/2/2021 2:36 AM	0.887	1.333	-0.438
4/2/2021 2:42 AM	0.842	1.331	-0.428
4/2/2021 2:48 AM	0.831	1.327	-0.437
4/2/2021 2:54 AM	0.876	1.321	-0.444
4/2/2021 3:00 AM	0.884	1.334	-0.433
4/2/2021 3:06 AM	0.842	1.366	-0.427
4/2/2021 3:12 AM	0.809	1.373	-0.445
4/2/2021 3:18 AM	0.794	1.37	-0.448
4/2/2021 3:24 AM	0.779	1.378	-0.439
4/2/2021 3:30 AM	0.773	1.387	-0.442
4/2/2021 3:36 AM	0.788	1.403	-0.432
4/2/2021 3:42 AM	0.784	1.445	-0.44
4/2/2021 3:48 AM	0.772	1.513	-0.444
4/2/2021 3:54 AM	0.765	1.467	-0.451
4/2/2021 4:00 AM	0.793	1.427	-0.449
4/2/2021 4:06 AM	0.834	1.378	-0.427
4/2/2021 4:12 AM	0.83	1.339	-0.413
4/2/2021 4:18 AM	0.789	1.357	-0.401
4/2/2021 4:24 AM	0.77	1.365	-0.403
4/2/2021 4:30 AM	0.762	1.367	-0.416
4/2/2021 4:36 AM	0.749	1.346	-0.414
4/2/2021 4:42 AM	0.767	1.332	-0.406
4/2/2021 4:48 AM	0.739	1.338	-0.404
4/2/2021 4:54 AM	0.701	1.331	-0.402
4/2/2021 5:00 AM	0.745	1.276	-0.4
4/2/2021 5:06 AM	0.767	1.231	-0.385
4/2/2021 5:12 AM	0.753	1.199	-0.375
4/2/2021 5:18 AM	0.719	1.214	-0.376
4/2/2021 5:24 AM	0.678	1.227	-0.363
4/2/2021 5:30 AM	0.698	1.182	-0.359
4/2/2021 5:36 AM	0.732	1.158	-0.355
4/2/2021 5:42 AM	0.706	1.145	-0.358
4/2/2021 5:48 AM	0.642	1.168	-0.361
4/2/2021 5:54 AM	0.62	1.203	-0.358
4/2/2021 6:00 AM	0.618	1.246	-0.364
4/2/2021 6:06 AM	0.604	1.265	-0.371
4/2/2021 6:12 AM	0.597	1.334	-0.359
4/2/2021 6:18 AM	0.607	1.266	-0.359
4/2/2021 6:24 AM	0.622	1.166	-0.366
4/2/2021 6:30 AM	0.592	1.172	-0.374
4/2/2021 6:36 AM	0.46	1.109	-0.396
4/2/2021 6:42 AM	0.207	1.015	-0.395
4/2/2021 6:48 AM	0.041	0.884	-0.408
4/2/2021 6:54 AM	0	0.832	-0.419
4/2/2021 7:00 AM	0.018	0.819	-0.418
4/2/2021 7:06 AM	0.015	0.836	-0.396

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/2/2021 7:12 AM	0.038	0.874	-0.386
4/2/2021 7:18 AM	0.101	0.996	-0.394
4/2/2021 7:24 AM	0.132	1.076	-0.382
4/2/2021 7:30 AM	0.174	1.153	-0.374
4/2/2021 7:36 AM	0.233	1.262	-0.39
4/2/2021 7:42 AM	0.271	1.38	-0.394
4/2/2021 7:48 AM	0.331	1.48	-0.402
4/2/2021 7:54 AM	0.228	14.146	-0.415
4/2/2021 8:00 AM	0.111	17.888	-0.416
4/2/2021 8:06 AM	0.274	8.143	-0.426
4/2/2021 8:12 AM	0.472	8.614	-0.426
4/2/2021 8:18 AM	0.585	7.008	-0.423
4/2/2021 8:24 AM	0.642	4.607	-0.407
4/2/2021 8:30 AM	0.616	3.933	-0.396
4/2/2021 8:36 AM	0.546	3.767	-0.396
4/2/2021 8:42 AM	0.476	3.798	-0.404
4/2/2021 8:48 AM	0.447	3.532	-0.42
4/2/2021 8:54 AM	0.439	2.914	-0.43
4/2/2021 9:00 AM	0.439	2.275	-0.442
4/2/2021 9:06 AM	0.461	1.69	-0.429
4/2/2021 9:12 AM	0.474	1.448	-0.428
4/2/2021 9:18 AM	0.468	1.336	-0.427
4/2/2021 9:24 AM	0.426	1.223	-0.43
4/2/2021 9:30 AM	0.393	1.125	-0.438
4/2/2021 9:36 AM	0.382	1.055	-0.441
4/2/2021 9:42 AM	0.358	1.003	-0.429
4/2/2021 9:48 AM	0.327	0.976	-0.424
4/2/2021 9:54 AM	0.315	0.978	-0.43
4/2/2021 10:00 AM	0.326	0.902	-0.431
4/2/2021 10:06 AM	0.335	0.798	-0.438
4/2/2021 10:12 AM	0.306	0.752	-0.447
4/2/2021 10:18 AM	0.304	0.709	-0.445
4/2/2021 10:24 AM	0.281	0.72	-0.438
4/2/2021 10:30 AM	0.263	0.723	-0.44
4/2/2021 10:36 AM	0.249	0.705	-0.45
4/2/2021 10:42 AM	0.25	0.707	-0.45
4/2/2021 10:48 AM	0.253	0.734	-0.453
4/2/2021 10:54 AM	0.247	0.743	-0.451
4/2/2021 11:00 AM	0.25	0.728	-0.441
4/2/2021 11:06 AM	0.236	0.716	-0.442
4/2/2021 11:12 AM	0.247	0.711	-0.441
4/2/2021 11:18 AM	0.275	0.705	-0.441
4/2/2021 11:24 AM	0.274	0.773	-0.442
4/2/2021 11:30 AM	0.268	0.865	-0.453
4/2/2021 11:36 AM	0.258	0.83	-0.448
4/2/2021 11:42 AM	0.241	0.815	-0.461
4/2/2021 11:48 AM	0.232	0.81	-0.48
4/2/2021 11:54 AM	0.221	0.823	-0.471
4/2/2021 12:00 PM	0.318	0.913	-0.43
4/2/2021 12:06 PM	0.709	1.168	-0.299
4/2/2021 12:12 PM	0.697	1.143	-0.297
4/2/2021 12:18 PM	0.714	1.131	-0.286

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/2/2021 12:24 PM	0.713	1.143	-0.292
4/2/2021 12:30 PM	0.706	1.139	-0.299
4/2/2021 12:36 PM	0.724	1.153	-0.291
4/2/2021 12:42 PM	0.748	1.17	-0.283
4/2/2021 12:48 PM	0.759	1.17	-0.284
4/2/2021 12:54 PM	0.757	1.228	-0.283
4/2/2021 1:00 PM	0.761	1.202	-0.289
4/2/2021 1:06 PM	0.764	1.149	-0.294
4/2/2021 1:12 PM	0.783	1.16	-0.288
4/2/2021 1:18 PM	0.791	1.136	-0.291
4/2/2021 1:24 PM	0.773	1.103	-0.293
4/2/2021 1:30 PM	0.76	1.11	-0.282
4/2/2021 1:36 PM	0.765	1.1	-0.276
4/2/2021 1:42 PM	0.772	1.058	-0.272
4/2/2021 1:48 PM	0.777	1.026	-0.268
4/2/2021 1:54 PM	0.804	1.002	-0.265
4/2/2021 2:00 PM	0.802	1.015	-0.269
4/2/2021 2:06 PM	0.789	1.035	-0.269
4/2/2021 2:12 PM	0.78	1.052	-0.266
4/2/2021 2:18 PM	0.802	1.068	-0.272
4/2/2021 2:24 PM	0.822	1.087	-0.283
4/2/2021 2:30 PM	0.798	1.107	-0.281
4/2/2021 2:36 PM	0.773	1.095	-0.28
4/2/2021 2:42 PM	0.779	1.064	-0.27
4/2/2021 2:48 PM	0.805	1.077	-0.266
4/2/2021 2:54 PM	0.812	1.071	-0.275
4/2/2021 3:00 PM	0.839	1.045	-0.272
4/2/2021 3:06 PM	0.855	1.029	-0.262
4/2/2021 3:12 PM	0.837	1.032	-0.26
4/2/2021 3:18 PM	0.815	1.085	-0.26
4/2/2021 3:24 PM	0.819	1.108	-0.262
4/2/2021 3:30 PM	0.872	1.102	-0.265
4/2/2021 3:36 PM	0.888	1.066	-0.264
4/2/2021 3:42 PM	0.845	1.019	-0.265
4/2/2021 3:48 PM	0.854	0.99	-0.26
4/2/2021 3:54 PM	0.86	0.968	-0.253
4/2/2021 4:00 PM	0.877	0.976	-0.248
4/2/2021 4:06 PM	0.877	1.015	-0.246
4/2/2021 4:12 PM	0.848	1.032	-0.249
4/2/2021 4:18 PM	0.834	1.034	-0.248
4/2/2021 4:24 PM	0.881	1.087	-0.239
4/2/2021 4:30 PM	0.879	1.128	-0.238
4/2/2021 4:36 PM	0.863	1.072	-0.253
4/2/2021 4:42 PM	0.849	1.032	-0.255
4/2/2021 4:48 PM	0.852	1.024	-0.246
4/2/2021 4:54 PM	0.888	1.002	-0.243
4/2/2021 5:00 PM	0.894	1.012	-0.242
4/2/2021 5:06 PM	0.903	1.034	-0.247
4/2/2021 5:12 PM	0.934	1.046	-0.245
4/2/2021 5:18 PM	0.938	1.076	-0.234
4/2/2021 5:24 PM	0.944	1.15	-0.22
4/2/2021 5:30 PM	0.937	1.273	-0.207

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/2/2021 5:36 PM	0.961	1.329	-0.198
4/2/2021 5:42 PM	0.952	1.323	-0.196
4/2/2021 5:48 PM	0.951	1.332	-0.197
4/2/2021 5:54 PM	0.938	1.36	-0.191
4/2/2021 6:00 PM	0.922	1.356	-0.186
4/2/2021 6:06 PM	0.935	1.339	-0.183
4/2/2021 6:12 PM	0.902	1.313	-0.18
4/2/2021 6:18 PM	0.893	1.313	-0.182
4/2/2021 6:24 PM	0.891	1.311	-0.18
4/2/2021 6:30 PM	0.899	1.242	-0.184
4/2/2021 6:36 PM	0.912	1.226	-0.183
4/2/2021 6:42 PM	0.917	1.255	-0.184
4/2/2021 6:48 PM	0.906	1.272	-0.19
4/2/2021 6:54 PM	0.919	1.306	-0.192
4/2/2021 7:00 PM	0.93	1.294	-0.192
4/2/2021 7:06 PM	0.919	1.273	-0.191
4/2/2021 7:12 PM	0.915	1.266	-0.193
4/2/2021 7:18 PM	0.928	1.263	-0.203
4/2/2021 7:24 PM	1.012	1.241	-0.215
4/2/2021 7:30 PM	1.187	1.226	-0.215
4/2/2021 7:36 PM	1.341	1.238	-0.216
4/2/2021 7:42 PM	1.424	1.246	-0.211
4/2/2021 7:48 PM	1.473	1.241	-0.206
4/2/2021 7:54 PM	1.487	1.224	-0.204
4/2/2021 8:00 PM	1.509	1.239	-0.194
4/2/2021 8:06 PM	1.535	1.214	-0.185
4/2/2021 8:12 PM	1.531	1.178	-0.18
4/2/2021 8:18 PM	1.519	1.211	-0.173
4/2/2021 8:24 PM	1.536	1.207	-0.166
4/2/2021 8:30 PM	1.534	1.193	-0.163
4/2/2021 8:36 PM	1.524	1.195	-0.167
4/2/2021 8:42 PM	1.535	1.196	-0.166
4/2/2021 8:48 PM	1.504	1.156	-0.163
4/2/2021 8:54 PM	1.481	1.123	-0.161
4/2/2021 9:00 PM	1.466	1.131	-0.159
4/2/2021 9:06 PM	1.429	1.143	-0.154
4/2/2021 9:12 PM	1.393	1.152	-0.15
4/2/2021 9:18 PM	1.376	1.143	-0.151
4/2/2021 9:24 PM	1.341	1.144	-0.152
4/2/2021 9:30 PM	1.321	1.138	-0.149
4/2/2021 9:36 PM	1.368	1.131	-0.144
4/2/2021 9:42 PM	1.387	1.158	-0.148
4/2/2021 9:48 PM	1.366	1.183	-0.156
4/2/2021 9:54 PM	1.345	1.19	-0.158
4/2/2021 10:00 PM	1.325	1.211	-0.159
4/2/2021 10:06 PM	1.314	1.231	-0.159
4/2/2021 10:12 PM	1.285	1.19	-0.153
4/2/2021 10:18 PM	1.26	1.165	-0.148
4/2/2021 10:24 PM	1.252	1.15	-0.143
4/2/2021 10:30 PM	1.256	1.152	-0.144
4/2/2021 10:36 PM	1.266	1.14	-0.141
4/2/2021 10:42 PM	1.256	1.13	-0.135

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/2/2021 10:48 PM	1.257	1.139	-0.133
4/2/2021 10:54 PM	1.27	1.148	-0.133
4/2/2021 11:00 PM	1.27	1.118	-0.134
4/2/2021 11:06 PM	1.252	1.097	-0.134
4/2/2021 11:12 PM	1.208	1.126	-0.131
4/2/2021 11:18 PM	1.198	1.124	-0.131
4/2/2021 11:24 PM	1.214	1.12	-0.13
4/2/2021 11:30 PM	1.196	1.13	-0.128
4/2/2021 11:36 PM	1.173	1.123	-0.132
4/2/2021 11:42 PM	1.16	1.085	-0.134
4/2/2021 11:48 PM	1.163	1.096	-0.134
4/2/2021 11:54 PM	1.156	1.111	-0.132
4/3/2021 12:00 AM	1.149	1.121	-0.133
4/3/2021 12:06 AM	1.137	1.094	-0.131
4/3/2021 12:12 AM	0.885	1.543	-0.125
4/3/2021 12:18 AM	0.467	1.685	-0.126
4/3/2021 12:24 AM	0.276	1.424	-0.121
4/3/2021 12:30 AM	0.218	1.369	-0.121
4/3/2021 12:36 AM	0.235	1.276	-0.125
4/3/2021 12:42 AM	0.22	1.244	-0.128
4/3/2021 12:48 AM	0.2	1.249	-0.13
4/3/2021 12:54 AM	0.247	1.265	-0.126
4/3/2021 1:00 AM	0.296	1.273	-0.13
4/3/2021 1:06 AM	0.293	1.259	-0.13
4/3/2021 1:12 AM	0.325	1.235	-0.122
4/3/2021 1:18 AM	0.375	1.221	-0.119
4/3/2021 1:24 AM	0.369	1.419	-0.121
4/3/2021 1:30 AM	0.374	1.843	-0.122
4/3/2021 1:36 AM	0.4	1.76	-0.12
4/3/2021 1:42 AM	0.431	1.592	-0.115
4/3/2021 1:48 AM	0.424	1.545	-0.121
4/3/2021 1:54 AM	0.434	1.577	-0.126
4/3/2021 2:00 AM	0.464	1.533	-0.122
4/3/2021 2:06 AM	0.482	1.524	-0.122
4/3/2021 2:12 AM	0.48	1.545	-0.123
4/3/2021 2:18 AM	0.468	1.503	-0.118
4/3/2021 2:24 AM	0.484	1.451	-0.116
4/3/2021 2:30 AM	0.439	1.436	-0.12
4/3/2021 2:36 AM	0.472	1.475	-0.122
4/3/2021 2:42 AM	0.505	1.596	-0.123
4/3/2021 2:48 AM	0.49	1.569	-0.117
4/3/2021 2:54 AM	0.487	1.409	-0.112
4/3/2021 3:00 AM	0.514	1.374	-0.11
4/3/2021 3:06 AM	0.502	1.413	-0.107
4/3/2021 3:12 AM	0.504	1.39	-0.107
4/3/2021 3:18 AM	0.53	1.369	-0.111
4/3/2021 3:24 AM	0.554	1.363	-0.111
4/3/2021 3:30 AM	0.518	1.376	-0.116
4/3/2021 3:36 AM	0.543	1.37	-0.115
4/3/2021 3:42 AM	0.532	1.378	-0.115
4/3/2021 3:48 AM	0.49	1.426	-0.115
4/3/2021 3:54 AM	0.483	1.45	-0.118

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/3/2021 4:00 AM	0.54	1.453	-0.121
4/3/2021 4:06 AM	0.589	1.444	-0.126
4/3/2021 4:12 AM	0.577	1.433	-0.123
4/3/2021 4:18 AM	0.588	1.406	-0.113
4/3/2021 4:24 AM	0.595	1.397	-0.113
4/3/2021 4:30 AM	0.626	1.385	-0.113
4/3/2021 4:36 AM	0.638	1.373	-0.113
4/3/2021 4:42 AM	0.633	1.386	-0.111
4/3/2021 4:48 AM	0.64	1.391	-0.109
4/3/2021 4:54 AM	0.654	1.385	-0.108
4/3/2021 5:00 AM	0.653	1.399	-0.102
4/3/2021 5:06 AM	0.65	1.386	-0.103
4/3/2021 5:12 AM	0.636	1.226	-0.105
4/3/2021 5:18 AM	0.644	1.11	-0.103
4/3/2021 5:24 AM	0.673	1.145	-0.101
4/3/2021 5:30 AM	0.68	1.18	-0.102
4/3/2021 5:36 AM	0.668	1.193	-0.102
4/3/2021 5:42 AM	0.645	1.158	-0.099
4/3/2021 5:48 AM	0.659	1.21	-0.098
4/3/2021 5:54 AM	0.693	1.236	-0.101
4/3/2021 6:00 AM	0.707	1.252	-0.105
4/3/2021 6:06 AM	0.677	1.345	-0.106
4/3/2021 6:12 AM	0.706	1.428	-0.102
4/3/2021 6:18 AM	0.714	1.508	-0.105
4/3/2021 6:24 AM	0.747	1.584	-0.113
4/3/2021 6:30 AM	0.734	1.597	-0.125
4/3/2021 6:36 AM	0.73	1.583	-0.137
4/3/2021 6:42 AM	0.762	1.604	-0.142
4/3/2021 6:48 AM	0.761	1.601	-0.15
4/3/2021 6:54 AM	0.769	1.625	-0.157
4/3/2021 7:00 AM	0.823	1.663	-0.164
4/3/2021 7:06 AM	0.82	1.628	-0.171
4/3/2021 7:12 AM	0.823	1.644	-0.175
4/3/2021 7:18 AM	0.831	1.642	-0.183
4/3/2021 7:24 AM	0.882	1.676	-0.19
4/3/2021 7:30 AM	0.904	1.713	-0.196
4/3/2021 7:36 AM	0.866	1.791	-0.198
4/3/2021 7:42 AM	0.84	1.853	-0.205
4/3/2021 7:48 AM	0.808	1.762	-0.209
4/3/2021 7:54 AM	0.755	1.671	-0.212
4/3/2021 8:00 AM	0.725	1.794	-0.219
4/3/2021 8:06 AM	0.647	2	-0.225
4/3/2021 8:12 AM	0.608	1.981	-0.233
4/3/2021 8:18 AM	0.623	1.888	-0.241
4/3/2021 8:24 AM	0.638	1.758	-0.235
4/3/2021 8:30 AM	0.651	1.617	-0.22
4/3/2021 8:36 AM	0.732	1.559	-0.206
4/3/2021 8:42 AM	0.775	1.596	-0.196
4/3/2021 8:48 AM	0.786	1.583	-0.193
4/3/2021 8:54 AM	0.8	1.555	-0.199
4/3/2021 9:00 AM	1.388	1.557	-0.204
4/3/2021 9:06 AM	4.176	1.286	-0.205

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/3/2021 9:12 AM	4.005	0.848	-0.207
4/3/2021 9:18 AM	2.74	0.741	-0.213
4/3/2021 9:24 AM	1.896	0.777	-0.215
4/3/2021 9:30 AM	1.94	0.833	-0.209
4/3/2021 9:36 AM	2.107	0.95	-0.209
4/3/2021 9:42 AM	2.225	1.079	-0.212
4/3/2021 9:48 AM	2.32	1.211	-0.222
4/3/2021 9:54 AM	2.363	1.259	-0.232
4/3/2021 10:00 AM	2.361	1.247	-0.23
4/3/2021 10:06 AM	2.356	1.273	-0.218
4/3/2021 10:12 AM	2.299	1.284	-0.205
4/3/2021 10:18 AM	2.208	1.256	-0.193
4/3/2021 10:24 AM	2.119	1.213	-0.194
4/3/2021 10:30 AM	1.93	1.065	-0.197
4/3/2021 10:36 AM	1.661	0.97	-0.196
4/3/2021 10:42 AM	1.443	0.96	-0.197
4/3/2021 10:48 AM	1.309	1	-0.199
4/3/2021 10:54 AM	1.273	1.083	-0.204
4/3/2021 11:00 AM	1.337	1.126	-0.215
4/3/2021 11:06 AM	1.443	1.109	-0.225
4/3/2021 11:12 AM	1.553	1.113	-0.237
4/3/2021 11:18 AM	1.672	1.114	-0.245
4/3/2021 11:24 AM	1.734	1.112	-0.253
4/3/2021 11:30 AM	1.757	1.132	-0.257
4/3/2021 11:36 AM	1.797	1.178	-0.254
4/3/2021 11:42 AM	1.827	1.305	-0.241
4/3/2021 11:48 AM	1.813	1.338	-0.229
4/3/2021 11:54 AM	1.796	1.296	-0.223
4/3/2021 12:00 PM	1.786	1.3	-0.231
4/3/2021 12:06 PM	Calib	1.228	-0.264
4/3/2021 12:12 PM	1.4	1.198	-0.269
4/3/2021 12:18 PM	1.3	1.196	-0.276
4/3/2021 12:24 PM	1.3	1.241	-0.279
4/3/2021 12:30 PM	1.2	1.326	-0.271
4/3/2021 12:36 PM	1.2	1.384	-0.266
4/3/2021 12:42 PM	1.1	1.45	-0.273
4/3/2021 12:48 PM	1.1	1.503	-0.283
4/3/2021 12:54 PM	1.4	1.543	-0.288
4/3/2021 1:00 PM	1.5	1.518	-0.289
4/3/2021 1:06 PM	1.5	1.459	-0.298
4/3/2021 1:12 PM	1.5	1.416	-0.307
4/3/2021 1:18 PM	1.5	1.346	-0.32
4/3/2021 1:24 PM	1.5	1.252	-0.334
4/3/2021 1:30 PM	1.4	1.195	-0.35
4/3/2021 1:36 PM	1.4	1.134	-0.36
4/3/2021 1:42 PM	1.3	1.082	-0.362
4/3/2021 1:48 PM	1.3	1.095	-0.355
4/3/2021 1:54 PM	1.3	1.12	-0.335
4/3/2021 2:00 PM	1.3	1.124	-0.322
4/3/2021 2:06 PM	1.3	1.157	-0.315
4/3/2021 2:12 PM	1.3	1.206	-0.305
4/3/2021 2:18 PM	1.3	1.261	-0.299

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/3/2021 2:24 PM	1.2	1.275	-0.302
4/3/2021 2:30 PM	1.2	1.242	-0.308
4/3/2021 2:36 PM	1.2	1.187	-0.307
4/3/2021 2:42 PM	1.2	1.145	-0.307
4/3/2021 2:48 PM	1.1	1.147	-0.302
4/3/2021 2:54 PM	0.9	1.069	-0.299
4/3/2021 3:00 PM	0.9	0.958	-0.301
4/3/2021 3:06 PM	0.9	0.924	-0.3
4/3/2021 3:12 PM	0.9	0.943	-0.302
4/3/2021 3:18 PM	1	0.995	-0.309
4/3/2021 3:24 PM	1	1.09	-0.314
4/3/2021 3:30 PM	1	1.145	-0.314
4/3/2021 3:36 PM	1	1.207	-0.316
4/3/2021 3:42 PM	1	1.295	-0.315
4/3/2021 3:48 PM	1	1.363	-0.31
4/3/2021 3:54 PM	1.2	1.362	-0.322
4/3/2021 4:00 PM	1.3	1.318	-0.335
4/3/2021 4:06 PM	1.4	1.291	-0.337
4/3/2021 4:12 PM	1.5	1.249	-0.334
4/3/2021 4:18 PM	1.5	1.178	-0.326
4/3/2021 4:24 PM	1.5	1.115	-0.323
4/3/2021 4:30 PM	1.5	1.015	-0.327
4/3/2021 4:36 PM	1.5	0.903	-0.327
4/3/2021 4:42 PM	1.5	0.866	-0.325
4/3/2021 4:48 PM	1.5	0.869	-0.327
4/3/2021 4:54 PM	1.5	0.861	-0.325
4/3/2021 5:00 PM	1.5	0.87	-0.323
4/3/2021 5:06 PM	1.5	0.873	-0.323
4/3/2021 5:12 PM	1.5	0.889	-0.325
4/3/2021 5:18 PM	1.4	0.919	-0.326
4/3/2021 5:24 PM	1.5	0.965	-0.324
4/3/2021 5:30 PM	1.4	1.017	-0.321
4/3/2021 5:36 PM	1.4	1.102	-0.321
4/3/2021 5:42 PM	1.4	1.148	-0.323
4/3/2021 5:48 PM	1.4	1.165	-0.327
4/3/2021 5:54 PM	1.4	1.197	-0.328
4/3/2021 6:00 PM	1.4	1.236	-0.327
4/3/2021 6:06 PM	1.4	1.238	-0.324
4/3/2021 6:12 PM	1.4	1.218	-0.322
4/3/2021 6:18 PM	1.4	1.221	-0.322
4/3/2021 6:24 PM	1.4	1.2	-0.321
4/3/2021 6:30 PM	1.4	1.217	-0.315
4/3/2021 6:36 PM	1.5	1.246	-0.307
4/3/2021 6:42 PM	1.5	1.231	-0.306
4/3/2021 6:48 PM	1.5	1.22	-0.304
4/3/2021 6:54 PM	1.5	1.248	-0.298
4/3/2021 7:00 PM	1.4	1.269	-0.295
4/3/2021 7:06 PM	1.5	1.248	-0.295
4/3/2021 7:12 PM	1.5	1.247	-0.294
4/3/2021 7:18 PM	1.4	1.247	-0.294
4/3/2021 7:24 PM	1.4	1.236	-0.287
4/3/2021 7:30 PM	1.4	1.247	-0.277

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/3/2021 7:36 PM	1.4	1.228	-0.281
4/3/2021 7:42 PM	1.4	1.206	-0.282
4/3/2021 7:48 PM	1.4	1.244	-0.28
4/3/2021 7:54 PM	1.3	1.252	-0.28
4/3/2021 8:00 PM	1.3	1.268	-0.281
4/3/2021 8:06 PM	1.3	1.277	-0.281
4/3/2021 8:12 PM	1.3	1.275	-0.283
4/3/2021 8:18 PM	1.3	1.298	-0.285
4/3/2021 8:24 PM	1.3	1.294	-0.286
4/3/2021 8:30 PM	1.3	1.243	-0.285
4/3/2021 8:36 PM	1.3	1.197	-0.288
4/3/2021 8:42 PM	1.3	1.181	-0.29
4/3/2021 8:48 PM	1.3	1.16	-0.291
4/3/2021 8:54 PM	1.3	1.126	-0.291
4/3/2021 9:00 PM	1.3	1.102	-0.291
4/3/2021 9:06 PM	1.4	1.15	-0.288
4/3/2021 9:12 PM	1.4	1.176	-0.29
4/3/2021 9:18 PM	1.4	1.136	-0.292
4/3/2021 9:24 PM	1.3	1.104	-0.292
4/3/2021 9:30 PM	1.4	1.127	-0.292
4/3/2021 9:36 PM	1.4	1.139	-0.292
4/3/2021 9:42 PM	1.4	1.135	-0.292
4/3/2021 9:48 PM	1.4	1.114	-0.29
4/3/2021 9:54 PM	1.4	1.144	-0.288
4/3/2021 10:00 PM	1.4	1.159	-0.284
4/3/2021 10:06 PM	1.3	1.139	-0.281
4/3/2021 10:12 PM	1.3	1.127	-0.278
4/3/2021 10:18 PM	1.3	1.115	-0.279
4/3/2021 10:24 PM	1.3	1.104	-0.281
4/3/2021 10:30 PM	1.3	1.094	-0.282
4/3/2021 10:36 PM	1.3	1.09	-0.287
4/3/2021 10:42 PM	1.3	1.083	-0.292
4/3/2021 10:48 PM	1.3	1.083	-0.293
4/3/2021 10:54 PM	1.3	1.069	-0.29
4/3/2021 11:00 PM	1.3	1.043	-0.289
4/3/2021 11:06 PM	1.6	1.083	-0.289
4/3/2021 11:12 PM	2	0.891	-0.288
4/3/2021 11:18 PM	1.9	0.397	-0.287
4/3/2021 11:24 PM	1.9	0.208	-0.284
4/3/2021 11:30 PM	1.8	0.224	-0.28
4/3/2021 11:36 PM	1.7	0.242	-0.277
4/3/2021 11:42 PM	1.6	0.214	-0.277
4/3/2021 11:48 PM	1.5	0.167	-0.277
4/3/2021 11:54 PM	1.6	0.18	-0.278
4/4/2021 12:00 AM	1.7	0.189	-0.28
4/4/2021 12:06 AM	1.7	0.15	-0.281
4/4/2021 12:12 AM	1.6	0.158	-0.278
4/4/2021 12:18 AM	1.5	0.078	-0.275
4/4/2021 12:24 AM	1.5	0.067	-0.273
4/4/2021 12:30 AM	1.5	0.017	-0.27
4/4/2021 12:36 AM	1.5	-0.002	-0.268
4/4/2021 12:42 AM	1.4	0.032	-0.264

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/4/2021 12:48 AM	1.4	-0.016	-0.264
4/4/2021 12:54 AM	1.4	0.061	-0.261
4/4/2021 1:00 AM	1.4	0.019	-0.259
4/4/2021 1:06 AM	1.3	-0.023	-0.26
4/4/2021 1:12 AM	1.3	-0.005	-0.265
4/4/2021 1:18 AM	1.3	-0.007	-0.271
4/4/2021 1:24 AM	1.3	-0.011	-0.276
4/4/2021 1:30 AM	1.3	-0.037	-0.281
4/4/2021 1:36 AM	1.3	-0.015	-0.287
4/4/2021 1:42 AM	1.3	0.015	-0.292
4/4/2021 1:48 AM	1.3	0.008	-0.294
4/4/2021 1:54 AM	1.3	0.009	-0.294
4/4/2021 2:00 AM	1.3	0.049	-0.296
4/4/2021 2:06 AM	1.2	0.064	-0.298
4/4/2021 2:12 AM	1.2	0.042	-0.299
4/4/2021 2:18 AM	1.2	0.075	-0.297
4/4/2021 2:24 AM	1.2	0.051	-0.291
4/4/2021 2:30 AM	1.2	0.042	-0.284
4/4/2021 2:36 AM	1.1	0.029	-0.28
4/4/2021 2:42 AM	1.1	0.061	-0.283
4/4/2021 2:48 AM	1.2	0.114	-0.288
4/4/2021 2:54 AM	1.2	0.12	-0.293
4/4/2021 3:00 AM	1.2	0.115	-0.297
4/4/2021 3:06 AM	1.2	0.093	-0.297
4/4/2021 3:12 AM	1.1	0.083	-0.297
4/4/2021 3:18 AM	1.2	0.052	-0.303
4/4/2021 3:24 AM	1.2	0.096	-0.308
4/4/2021 3:30 AM	1.3	0.117	-0.314
4/4/2021 3:36 AM	1.4	0.073	-0.319
4/4/2021 3:42 AM	1.3	0.087	-0.319
4/4/2021 3:48 AM	1.3	0.098	-0.312
4/4/2021 3:54 AM	1.3	0.065	-0.303
4/4/2021 4:00 AM	1.4	0.078	-0.3
4/4/2021 4:06 AM	1.4	0.088	-0.303
4/4/2021 4:12 AM	1.4	0.07	-0.31
4/4/2021 4:18 AM	1.3	0.128	-0.313
4/4/2021 4:24 AM	1.3	0.148	-0.314
4/4/2021 4:30 AM	1.3	0.148	-0.317
4/4/2021 4:36 AM	1.3	0.169	-0.319
4/4/2021 4:42 AM	1.3	0.161	-0.318
4/4/2021 4:48 AM	1.4	0.161	-0.313
4/4/2021 4:54 AM	1.3	0.184	-0.308
4/4/2021 5:00 AM	1.1	0.191	-0.304
4/4/2021 5:06 AM	1.1	0.197	-0.302
4/4/2021 5:12 AM	1.1	0.19	-0.307
4/4/2021 5:18 AM	1.2	0.194	-0.31
4/4/2021 5:24 AM	1.2	0.22	-0.308
4/4/2021 5:30 AM	1.2	0.199	-0.299
4/4/2021 5:36 AM	1.2	0.2	-0.291
4/4/2021 5:42 AM	1.1	0.222	-0.291
4/4/2021 5:48 AM	1.1	0.215	-0.299
4/4/2021 5:54 AM	1.1	0.174	-0.305

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/4/2021 6:00 AM	1	0.147	-0.307
4/4/2021 6:06 AM	1.1	0.149	-0.308
4/4/2021 6:12 AM	1.1	0.206	-0.312
4/4/2021 6:18 AM	1.1	0.228	-0.316
4/4/2021 6:24 AM	1.1	0.216	-0.32
4/4/2021 6:30 AM	1.1	0.194	-0.321
4/4/2021 6:36 AM	1.1	0.19	-0.322
4/4/2021 6:42 AM	1.1	0.219	-0.324
4/4/2021 6:48 AM	1.1	0.223	-0.325
4/4/2021 6:54 AM	1.1	0.199	-0.326
4/4/2021 7:00 AM	1.1	0.228	-0.324
4/4/2021 7:06 AM	1.1	0.285	-0.32
4/4/2021 7:12 AM	1.1	0.251	-0.321
4/4/2021 7:18 AM	1.1	0.272	-0.317
4/4/2021 7:24 AM	1	0.279	-0.307
4/4/2021 7:30 AM	1	0.259	-0.305
4/4/2021 7:36 AM	1.1	0.28	-0.307
4/4/2021 7:42 AM	1.2	0.299	-0.303
4/4/2021 7:48 AM	1.3	0.298	-0.297
4/4/2021 7:54 AM	1.4	0.27	-0.295
4/4/2021 8:00 AM	1.4	0.289	-0.297
4/4/2021 8:06 AM	1.4	0.317	-0.304
4/4/2021 8:12 AM	1.3	0.284	-0.315
4/4/2021 8:18 AM	1.3	0.258	-0.317
4/4/2021 8:24 AM	1.3	0.287	-0.319
4/4/2021 8:30 AM	1.3	0.351	-0.32
4/4/2021 8:36 AM	1.3	0.336	-0.316
4/4/2021 8:42 AM	1.3	0.322	-0.312
4/4/2021 8:48 AM	1.3	0.347	-0.312
4/4/2021 8:54 AM	1.3	0.307	-0.32
4/4/2021 9:00 AM	1.3	0.31	-0.333
4/4/2021 9:06 AM	1.3	0.306	-0.338
4/4/2021 9:12 AM	1.5	0.317	-0.34
4/4/2021 9:18 AM	1.5	0.361	-0.351
4/4/2021 9:24 AM	1.5	0.333	-0.355
4/4/2021 9:30 AM	1.5	0.306	-0.348
4/4/2021 9:36 AM	1.5	0.303	-0.332
4/4/2021 9:42 AM	1.5	0.317	-0.325
4/4/2021 9:48 AM	1.4	0.315	-0.335
4/4/2021 9:54 AM	1.4	0.337	-0.342
4/4/2021 10:00 AM	1.4	0.375	-0.333
4/4/2021 10:06 AM	1.4	0.421	-0.319
4/4/2021 10:12 AM	1.4	0.4	-0.313
4/4/2021 10:18 AM	1.4	0.368	-0.314
4/4/2021 10:24 AM	1.4	0.345	4.061
4/4/2021 10:30 AM	1.3	0.351	7.201
4/4/2021 10:36 AM	1.3	0.383	3.265
4/4/2021 10:42 AM	1.4	0.38	2.7
4/4/2021 10:48 AM	1.5	0.375	2.858
4/4/2021 10:54 AM	1.6	0.367	2.224
4/4/2021 11:00 AM	1.6	0.378	1.479
4/4/2021 11:06 AM	1.7	0.392	1.211

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/4/2021 11:12 AM	1.7	0.408	1.109
4/4/2021 11:18 AM	1.7	0.42	1.061
4/4/2021 11:24 AM	1.7	0.439	1.064
4/4/2021 11:30 AM	1.7	0.449	1.083
4/4/2021 11:36 AM	1.7	0.451	1.05
4/4/2021 11:42 AM	1.6	0.429	1.028
4/4/2021 11:48 AM	1.6	0.445	1.027
4/4/2021 11:54 AM	1.6	0.457	1.057
4/4/2021 12:00 PM	Calib	0.486	1.086
4/4/2021 12:06 PM	1.324	0.493	1.111
4/4/2021 12:12 PM	1.327	0.49	1.134
4/4/2021 12:18 PM	1.372	0.5	1.138
4/4/2021 12:24 PM	1.44	0.53	1.147
4/4/2021 12:30 PM	1.455	0.556	1.15
4/4/2021 12:36 PM	1.457	0.577	1.146
4/4/2021 12:42 PM	1.509	0.59	1.127
4/4/2021 12:48 PM	1.552	0.614	1.097
4/4/2021 12:54 PM	1.555	0.624	1.064
4/4/2021 1:00 PM	1.565	0.592	1.053
4/4/2021 1:06 PM	1.591	0.589	1.061
4/4/2021 1:12 PM	1.604	0.594	1.047
4/4/2021 1:18 PM	1.602	0.586	1.004
4/4/2021 1:24 PM	1.596	0.559	0.959
4/4/2021 1:30 PM	1.591	0.526	0.916
4/4/2021 1:36 PM	1.556	0.493	0.858
4/4/2021 1:42 PM	1.55	0.515	0.836
4/4/2021 1:48 PM	1.547	0.532	0.819
4/4/2021 1:54 PM	1.534	0.523	0.79
4/4/2021 2:00 PM	1.513	0.539	0.788
4/4/2021 2:06 PM	1.497	0.586	0.778
4/4/2021 2:12 PM	1.533	0.608	0.781
4/4/2021 2:18 PM	1.563	0.63	0.769
4/4/2021 2:24 PM	1.569	0.626	0.776
4/4/2021 2:30 PM	1.586	0.633	0.772
4/4/2021 2:36 PM	1.573	0.673	0.757
4/4/2021 2:42 PM	1.528	0.673	0.755
4/4/2021 2:48 PM	1.468	0.648	0.747
4/4/2021 2:54 PM	1.432	0.646	0.746
4/4/2021 3:00 PM	1.455	0.628	0.796
4/4/2021 3:06 PM	1.461	0.629	0.797
4/4/2021 3:12 PM	1.457	0.644	0.752
4/4/2021 3:18 PM	1.451	0.662	0.736
4/4/2021 3:24 PM	1.459	0.704	0.735
4/4/2021 3:30 PM	1.502	0.771	0.726
4/4/2021 3:36 PM	1.52	0.806	0.715
4/4/2021 3:42 PM	1.524	0.803	0.716
4/4/2021 3:48 PM	1.541	0.805	0.724
4/4/2021 3:54 PM	1.555	0.775	0.736
4/4/2021 4:00 PM	1.579	0.763	0.732
4/4/2021 4:06 PM	1.587	0.782	0.715
4/4/2021 4:12 PM	1.573	0.799	0.719
4/4/2021 4:18 PM	1.569	0.822	0.74

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/4/2021 4:24 PM	1.582	0.836	0.75
4/4/2021 4:30 PM	1.566	0.847	0.723
4/4/2021 4:36 PM	1.567	0.889	0.685
4/4/2021 4:42 PM	1.566	0.911	0.709
4/4/2021 4:48 PM	1.578	0.918	0.714
4/4/2021 4:54 PM	1.596	0.875	0.692
4/4/2021 5:00 PM	1.573	0.923	0.689
4/4/2021 5:06 PM	1.598	0.993	0.697
4/4/2021 5:12 PM	1.604	0.983	0.717
4/4/2021 5:18 PM	1.58	0.965	0.713
4/4/2021 5:24 PM	1.588	0.98	0.728
4/4/2021 5:30 PM	1.597	0.991	0.731
4/4/2021 5:36 PM	1.624	0.967	0.739
4/4/2021 5:42 PM	1.633	0.962	0.735
4/4/2021 5:48 PM	1.651	0.985	0.722
4/4/2021 5:54 PM	1.644	1.025	0.7
4/4/2021 6:00 PM	1.62	1.021	0.709
4/4/2021 6:06 PM	1.602	0.949	0.716
4/4/2021 6:12 PM	1.599	0.888	0.712
4/4/2021 6:18 PM	1.629	0.844	0.718
4/4/2021 6:24 PM	1.628	0.823	0.744
4/4/2021 6:30 PM	1.653	0.811	0.758
4/4/2021 6:36 PM	1.674	0.837	0.753
4/4/2021 6:42 PM	1.652	0.855	0.751
4/4/2021 6:48 PM	1.625	0.839	0.762
4/4/2021 6:54 PM	1.611	0.804	0.767
4/4/2021 7:00 PM	1.611	0.789	0.769
4/4/2021 7:06 PM	1.611	0.8	0.749
4/4/2021 7:12 PM	1.589	0.796	0.754
4/4/2021 7:18 PM	1.583	0.805	0.751
4/4/2021 7:24 PM	1.574	0.817	0.72
4/4/2021 7:30 PM	1.573	0.816	0.748
4/4/2021 7:36 PM	1.597	0.807	0.753
4/4/2021 7:42 PM	1.594	0.818	0.756
4/4/2021 7:48 PM	1.586	0.819	0.751
4/4/2021 7:54 PM	1.601	0.787	0.771
4/4/2021 8:00 PM	1.607	0.777	0.768
4/4/2021 8:06 PM	1.579	0.791	0.741
4/4/2021 8:12 PM	1.575	0.818	0.748
4/4/2021 8:18 PM	1.586	0.839	0.744
4/4/2021 8:24 PM	1.571	0.851	0.744
4/4/2021 8:30 PM	1.573	0.888	0.742
4/4/2021 8:36 PM	1.578	0.9	0.735
4/4/2021 8:42 PM	1.594	0.879	0.726
4/4/2021 8:48 PM	1.613	0.89	0.71
4/4/2021 8:54 PM	1.61	0.885	0.745
4/4/2021 9:00 PM	1.596	0.879	0.769
4/4/2021 9:06 PM	1.583	0.89	0.771
4/4/2021 9:12 PM	1.564	0.897	0.773
4/4/2021 9:18 PM	1.545	0.905	0.75
4/4/2021 9:24 PM	1.53	0.908	0.743
4/4/2021 9:30 PM	1.528	0.917	0.728

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/4/2021 9:36 PM	1.524	0.916	0.751
4/4/2021 9:42 PM	1.502	0.917	0.766
4/4/2021 9:48 PM	1.487	0.93	0.781
4/4/2021 9:54 PM	1.471	0.946	0.796
4/4/2021 10:00 PM	1.466	0.934	0.76
4/4/2021 10:06 PM	1.473	0.926	0.742
4/4/2021 10:12 PM	1.476	0.941	0.705
4/4/2021 10:18 PM	1.455	0.945	0.566
4/4/2021 10:24 PM	1.398	0.945	0.534
4/4/2021 10:30 PM	1.371	0.949	0.564
4/4/2021 10:36 PM	1.392	0.982	0.59
4/4/2021 10:42 PM	1.392	1.003	0.593
4/4/2021 10:48 PM	1.359	1.013	0.585
4/4/2021 10:54 PM	1.329	1.003	0.608
4/4/2021 11:00 PM	1.313	1.021	0.62
4/4/2021 11:06 PM	1.317	1.011	0.623
4/4/2021 11:12 PM	1.342	1.004	0.628
4/4/2021 11:18 PM	1.302	1.001	0.642
4/4/2021 11:24 PM	1.299	1.023	0.661
4/4/2021 11:30 PM	1.301	1.048	0.666
4/4/2021 11:36 PM	1.283	1.053	0.667
4/4/2021 11:42 PM	1.105	1.05	0.906
4/4/2021 11:48 PM	0.686	1.054	1.057
4/4/2021 11:54 PM	0.285	1.057	0.895
4/5/2021 12:00 AM	0.028	1.079	0.907
4/5/2021 12:06 AM	-0.015	1.098	0.913
4/5/2021 12:12 AM	-0.006	1.086	0.912
4/5/2021 12:18 AM	0.012	1.088	0.957
4/5/2021 12:24 AM	0.04	1.076	0.958
4/5/2021 12:30 AM	0.087	1.062	0.916
4/5/2021 12:36 AM	0.139	1.08	0.915
4/5/2021 12:42 AM	0.172	1.095	0.927
4/5/2021 12:48 AM	0.209	1.103	0.925
4/5/2021 12:54 AM	0.245	1.11	0.935
4/5/2021 1:00 AM	0.262	1.114	0.925
4/5/2021 1:06 AM	0.254	1.104	0.95
4/5/2021 1:12 AM	0.276	1.096	0.987
4/5/2021 1:18 AM	0.319	1.109	0.966
4/5/2021 1:24 AM	0.313	1.123	0.936
4/5/2021 1:30 AM	0.331	1.119	0.926
4/5/2021 1:36 AM	0.334	1.106	0.932
4/5/2021 1:42 AM	0.341	1.119	0.93
4/5/2021 1:48 AM	0.37	1.144	0.908
4/5/2021 1:54 AM	0.4	1.153	0.895
4/5/2021 2:00 AM	0.458	1.166	0.912
4/5/2021 2:06 AM	0.453	1.167	0.945
4/5/2021 2:12 AM	0.432	1.157	0.948
4/5/2021 2:18 AM	0.438	1.17	0.977
4/5/2021 2:24 AM	0.487	1.19	0.951
4/5/2021 2:30 AM	0.516	1.185	0.916
4/5/2021 2:36 AM	0.51	1.18	0.938
4/5/2021 2:42 AM	0.504	1.225	0.985

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/5/2021 2:48 AM	0.524	1.24	0.991
4/5/2021 2:54 AM	0.57	1.252	0.991
4/5/2021 3:00 AM	0.605	1.284	0.976
4/5/2021 3:06 AM	0.587	1.341	0.958
4/5/2021 3:12 AM	0.594	1.364	0.976
4/5/2021 3:18 AM	0.624	1.395	1.005
4/5/2021 3:24 AM	0.621	1.406	0.991
4/5/2021 3:30 AM	0.606	1.409	0.945
4/5/2021 3:36 AM	0.629	1.43	0.928
4/5/2021 3:42 AM	0.631	1.444	0.924
4/5/2021 3:48 AM	0.648	1.444	0.917
4/5/2021 3:54 AM	0.666	1.422	0.974
4/5/2021 4:00 AM	0.645	1.41	1.016
4/5/2021 4:06 AM	0.645	1.417	0.976
4/5/2021 4:12 AM	0.647	1.44	0.965
4/5/2021 4:18 AM	0.635	1.453	0.98
4/5/2021 4:24 AM	0.631	1.468	1.005
4/5/2021 4:30 AM	0.626	1.482	1.007
4/5/2021 4:36 AM	0.639	1.514	0.997
4/5/2021 4:42 AM	0.634	1.516	1.017
4/5/2021 4:48 AM	0.605	1.495	1.07
4/5/2021 4:54 AM	0.616	1.501	1.068
4/5/2021 5:00 AM	0.628	1.529	1.013
4/5/2021 5:06 AM	0.613	1.524	1.014
4/5/2021 5:12 AM	0.626	1.531	1.007
4/5/2021 5:18 AM	0.655	1.539	0.974
4/5/2021 5:24 AM	0.651	1.522	0.983
4/5/2021 5:30 AM	0.672	1.529	0.988
4/5/2021 5:36 AM	0.71	1.537	0.976
4/5/2021 5:42 AM	0.707	1.541	0.996
4/5/2021 5:48 AM	0.689	1.596	1.023
4/5/2021 5:54 AM	0.709	1.716	1.063
4/5/2021 6:00 AM	0.714	1.831	1.053
4/5/2021 6:06 AM	0.722	1.82	1.033
4/5/2021 6:12 AM	0.719	1.803	1.054
4/5/2021 6:18 AM	0.709	1.806	1.055
4/5/2021 6:24 AM	0.725	1.714	1.045
4/5/2021 6:30 AM	0.75	1.6	1.078
4/5/2021 6:36 AM	0.777	1.511	1.089
4/5/2021 6:42 AM	0.804	1.376	1.06
4/5/2021 6:48 AM	0.835	1.299	1.035
4/5/2021 6:54 AM	0.859	1.208	1.008
4/5/2021 7:00 AM	0.885	1.138	0.993
4/5/2021 7:06 AM	0.891	1.09	0.978
4/5/2021 7:12 AM	0.877	1.04	1.005
4/5/2021 7:18 AM	0.866	1.059	1.048
4/5/2021 7:24 AM	0.909	1.092	1.043
4/5/2021 7:30 AM	0.9	1.131	1.047
4/5/2021 7:36 AM	0.873	1.16	1.025
4/5/2021 7:42 AM	0.852	1.201	1.008
4/5/2021 7:48 AM	2.958	1.254	0.981
4/5/2021 7:54 AM	3.963	1.355	0.843

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/5/2021 8:00 AM	2.5	1.443	0.779
4/5/2021 8:06 AM	2.295	1.505	0.773
4/5/2021 8:12 AM	2.213	1.566	0.789
4/5/2021 8:18 AM	2.139	1.683	0.841
4/5/2021 8:24 AM	2.02	1.774	0.872
4/5/2021 8:30 AM	1.942	1.773	0.889
4/5/2021 8:36 AM	1.889	1.707	0.908
4/5/2021 8:42 AM	1.786	1.662	0.944
4/5/2021 8:48 AM	1.599	1.737	0.977
4/5/2021 8:54 AM	1.349	1.818	1
4/5/2021 9:00 AM	1.188	1.856	1.018
4/5/2021 9:06 AM	1.249	1.868	1.037
4/5/2021 9:12 AM	1.414	1.882	1.042
4/5/2021 9:18 AM	1.521	1.879	1.043
4/5/2021 9:24 AM	1.565	1.73	1.056
4/5/2021 9:30 AM	1.54	1.54	1.065
4/5/2021 9:36 AM	1.525	1.421	1.075
4/5/2021 9:42 AM	1.471	1.322	1.125
4/5/2021 9:48 AM	1.409	1.268	1.162
4/5/2021 9:54 AM	1.257	1.276	1.081
4/5/2021 10:00 AM	1.158	1.383	1.012
4/5/2021 10:06 AM	1.04	1.555	0.96
4/5/2021 10:12 AM	0.912	1.729	1.036
4/5/2021 10:18 AM	0.851	1.842	1.113
4/5/2021 10:24 AM	0.866	1.906	1.104
4/5/2021 10:30 AM	0.877	1.939	1.084
4/5/2021 10:36 AM	0.869	1.939	1.097
4/5/2021 10:42 AM	0.869	1.963	1.107
4/5/2021 10:48 AM	0.866	2.002	1.145
4/5/2021 10:54 AM	0.9	2.032	1.183
4/5/2021 11:00 AM	0.914	2.067	1.243
4/5/2021 11:06 AM	0.947	2.068	1.215
4/5/2021 11:12 AM	0.987	2.06	1.178
4/5/2021 11:18 AM	0.977	2.09	1.189
4/5/2021 11:24 AM	0.99	2.045	1.067
4/5/2021 11:30 AM	1.02	1.928	0.965
4/5/2021 11:36 AM	1.032	1.833	0.966
4/5/2021 11:42 AM	1.061	1.811	1.008
4/5/2021 11:48 AM	1.093	1.838	1.026
4/5/2021 11:54 AM	1.169	1.896	1.025
4/5/2021 12:00 PM	1.209	8.104	1.037
4/5/2021 12:06 PM	1.312	18.598	1.051
4/5/2021 12:12 PM	1.314	13.639	1.04
4/5/2021 12:18 PM	1.316	18.167	1.053
4/5/2021 12:24 PM	1.337	16.594	1.059
4/5/2021 12:30 PM	1.353	3.702	1.039
4/5/2021 12:36 PM	1.393	3.261	1.08
4/5/2021 12:42 PM	1.438	2.972	1.102
4/5/2021 12:48 PM	1.483	2.524	1.125
4/5/2021 12:54 PM	1.537	2.099	1.127
4/5/2021 1:00 PM	1.563	2.03	1.143
4/5/2021 1:06 PM	1.597	2.094	1.149

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/5/2021 1:12 PM	1.635	2.16	1.106
4/5/2021 1:18 PM	1.667	2.183	1.103
4/5/2021 1:24 PM	1.622	2.217	1.087
4/5/2021 1:30 PM	1.083	2.175	0.653
4/5/2021 1:36 PM	0.577	2.105	-0.24
4/5/2021 1:42 PM	0.486	2.116	-0.629
4/5/2021 1:48 PM	0.49	1.993	-0.613
4/5/2021 1:54 PM	0.489	1.832	-0.601
4/5/2021 2:00 PM	0.46	1.708	-0.601
4/5/2021 2:06 PM	0.475	1.724	-0.604
4/5/2021 2:12 PM	0.538	1.822	-0.589
4/5/2021 2:18 PM	0.561	1.94	-0.583
4/5/2021 2:24 PM	0.592	2.043	-0.594
4/5/2021 2:30 PM	0.592	2.152	-0.596
4/5/2021 2:36 PM	0.624	2.269	-0.594
4/5/2021 2:42 PM	<Samp	<Samp	<Samp
4/5/2021 2:48 PM	---	---	---
4/5/2021 2:54 PM	---	---	---
4/5/2021 3:00 PM	<Samp	<Samp	<Samp
4/5/2021 3:06 PM	0.665	2.255	-0.62
4/5/2021 3:12 PM	0.646	2.126	-0.615
4/5/2021 3:18 PM	0.662	1.979	-0.602
4/5/2021 3:24 PM	0.722	1.983	-0.604
4/5/2021 3:30 PM	0.748	1.992	-0.621
4/5/2021 3:36 PM	0.805	2.099	-0.62
4/5/2021 3:42 PM	0.83	2.287	-0.606
4/5/2021 3:48 PM	0.833	2.452	-0.597
4/5/2021 3:54 PM	0.862	2.606	-0.601
4/5/2021 4:00 PM	0.912	2.755	-0.596
4/5/2021 4:06 PM	0.94	2.91	-0.589
4/5/2021 4:12 PM	0.928	3.012	-0.609
4/5/2021 4:18 PM	0.9	3.172	-0.626
4/5/2021 4:24 PM	0.98	3.27	-0.602
4/5/2021 4:30 PM	1.021	3.235	-0.6
4/5/2021 4:36 PM	0.983	3.289	-0.61
4/5/2021 4:42 PM	1	3.288	-0.607
4/5/2021 4:48 PM	1.029	3.187	-0.615
4/5/2021 4:54 PM	0.997	3.108	-0.604
4/5/2021 5:00 PM	0.992	3.015	-0.593
4/5/2021 5:06 PM	0.984	2.979	-0.6
4/5/2021 5:12 PM	0.982	3.031	-0.6
4/5/2021 5:18 PM	1.047	3.206	-0.593
4/5/2021 5:24 PM	1.025	3.241	-0.592
4/5/2021 5:30 PM	0.979	3.228	-0.586
4/5/2021 5:36 PM	0.961	3.251	-0.584
4/5/2021 5:42 PM	0.988	3.296	-0.588
4/5/2021 5:48 PM	1.018	3.37	-0.587
4/5/2021 5:54 PM	1.079	3.588	-0.588
4/5/2021 6:00 PM	1.081	3.576	-0.594
4/5/2021 6:06 PM	1.117	3.166	-0.592
4/5/2021 6:12 PM	1.148	2.802	-0.591
4/5/2021 6:18 PM	1.173	2.592	-0.585

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/5/2021 6:24 PM	1.129	2.381	-0.577
4/5/2021 6:30 PM	1.14	2.324	-0.565
4/5/2021 6:36 PM	1.169	2.332	-0.562
4/5/2021 6:42 PM	1.203	2.331	-0.564
4/5/2021 6:48 PM	1.167	2.324	-0.575
4/5/2021 6:54 PM	1.18	2.308	-0.577
4/5/2021 7:00 PM	1.233	2.301	-0.565
4/5/2021 7:06 PM	1.183	2.286	-0.566
4/5/2021 7:12 PM	1.157	2.288	-0.581
4/5/2021 7:18 PM	1.164	2.292	-0.59
4/5/2021 7:24 PM	1.191	2.268	-0.572
4/5/2021 7:30 PM	1.181	2.242	-0.563
4/5/2021 7:36 PM	1.16	2.226	-0.563
4/5/2021 7:42 PM	1.144	2.207	-0.562
4/5/2021 7:48 PM	1.107	2.18	-0.557
4/5/2021 7:54 PM	1.083	2.141	-0.555
4/5/2021 8:00 PM	1.119	2.108	-0.551
4/5/2021 8:06 PM	1.121	2.118	-0.549
4/5/2021 8:12 PM	1.065	2.17	-0.553
4/5/2021 8:18 PM	1.035	2.203	-0.556
4/5/2021 8:24 PM	1.027	2.168	-0.554
4/5/2021 8:30 PM	1.02	2.152	-0.553
4/5/2021 8:36 PM	1.036	2.134	-0.544
4/5/2021 8:42 PM	1.025	2.127	-0.545
4/5/2021 8:48 PM	1.032	2.165	-0.552
4/5/2021 8:54 PM	1.03	2.227	-0.544
4/5/2021 9:00 PM	1.018	2.222	-0.54
4/5/2021 9:06 PM	0.989	2.199	-0.534
4/5/2021 9:12 PM	0.996	2.204	-0.537
4/5/2021 9:18 PM	1.004	2.199	-0.539
4/5/2021 9:24 PM	1.015	2.161	-0.538
4/5/2021 9:30 PM	1.022	2.138	-0.532
4/5/2021 9:36 PM	1.025	2.117	-0.531
4/5/2021 9:42 PM	1.017	2.092	-0.54
4/5/2021 9:48 PM	0.969	2.099	-0.543
4/5/2021 9:54 PM	1.004	2.079	-0.54
4/5/2021 10:00 PM	1.011	2.04	-0.538
4/5/2021 10:06 PM	0.991	2.008	-0.535
4/5/2021 10:12 PM	0.99	1.967	-0.537
4/5/2021 10:18 PM	0.944	1.972	-0.534
4/5/2021 10:24 PM	0.905	2.01	-0.524
4/5/2021 10:30 PM	0.94	2.068	-0.523
4/5/2021 10:36 PM	0.929	2.093	-0.523
4/5/2021 10:42 PM	0.893	2.113	-0.518
4/5/2021 10:48 PM	0.916	2.132	-0.516
4/5/2021 10:54 PM	0.95	2.115	-0.512
4/5/2021 11:00 PM	0.951	2.079	-0.507
4/5/2021 11:06 PM	0.911	2.052	-0.511
4/5/2021 11:12 PM	0.898	2.031	-0.515
4/5/2021 11:18 PM	0.896	2.033	-0.523
4/5/2021 11:24 PM	0.884	2.049	-0.519
4/5/2021 11:30 PM	0.911	2.076	-0.515

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/5/2021 11:36 PM	0.922	2.115	-0.51
4/5/2021 11:42 PM	0.901	2.155	-0.512
4/5/2021 11:48 PM	0.909	2.21	-0.518
4/5/2021 11:54 PM	0.933	2.267	-0.525
4/6/2021 12:00 AM	0.933	2.308	-0.516
4/6/2021 12:06 AM	0.922	2.323	-0.517
4/6/2021 12:12 AM	0.894	2.332	-0.517
4/6/2021 12:18 AM	0.876	2.339	-0.507
4/6/2021 12:24 AM	0.894	2.347	-0.501
4/6/2021 12:30 AM	0.897	2.357	-0.508
4/6/2021 12:36 AM	0.933	2.364	-0.516
4/6/2021 12:42 AM	0.94	2.389	-0.521
4/6/2021 12:48 AM	0.898	2.414	-0.518
4/6/2021 12:54 AM	0.852	2.43	-0.519
4/6/2021 1:00 AM	0.877	2.436	-0.526
4/6/2021 1:06 AM	0.918	2.441	-0.525
4/6/2021 1:12 AM	0.899	2.439	-0.519
4/6/2021 1:18 AM	0.889	2.432	-0.518
4/6/2021 1:24 AM	0.915	2.423	-0.52
4/6/2021 1:30 AM	0.923	2.408	-0.52
4/6/2021 1:36 AM	0.881	2.389	-0.511
4/6/2021 1:42 AM	0.835	2.374	-0.518
4/6/2021 1:48 AM	0.846	2.376	-0.517
4/6/2021 1:54 AM	0.859	2.383	-0.507
4/6/2021 2:00 AM	0.893	2.386	-0.498
4/6/2021 2:06 AM	0.891	2.391	-0.497
4/6/2021 2:12 AM	0.899	2.393	-0.492
4/6/2021 2:18 AM	0.895	2.384	-0.5
4/6/2021 2:24 AM	0.869	2.375	-0.509
4/6/2021 2:30 AM	0.878	2.37	-0.506
4/6/2021 2:36 AM	0.868	2.36	-0.503
4/6/2021 2:42 AM	0.852	2.348	-0.505
4/6/2021 2:48 AM	0.841	2.343	-0.507
4/6/2021 2:54 AM	0.856	2.343	-0.503
4/6/2021 3:00 AM	0.885	2.344	-0.5
4/6/2021 3:06 AM	0.878	2.349	-0.492
4/6/2021 3:12 AM	0.846	2.36	-0.493
4/6/2021 3:18 AM	0.809	2.378	-0.494
4/6/2021 3:24 AM	0.812	2.389	-0.497
4/6/2021 3:30 AM	0.818	2.386	-0.493
4/6/2021 3:36 AM	0.82	2.378	-0.488
4/6/2021 3:42 AM	0.794	2.38	-0.491
4/6/2021 3:48 AM	0.808	2.38	-0.489
4/6/2021 3:54 AM	0.806	2.397	-0.477
4/6/2021 4:00 AM	0.805	2.406	-0.474
4/6/2021 4:06 AM	0.807	2.392	-0.479
4/6/2021 4:12 AM	0.792	2.383	-0.471
4/6/2021 4:18 AM	0.804	2.389	-0.467
4/6/2021 4:24 AM	0.839	2.393	-0.474
4/6/2021 4:30 AM	0.831	2.406	-0.473
4/6/2021 4:36 AM	0.799	2.416	-0.47
4/6/2021 4:42 AM	0.788	2.433	-0.48

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/6/2021 4:48 AM	0.783	2.45	-0.479
4/6/2021 4:54 AM	0.791	2.463	-0.473
4/6/2021 5:00 AM	0.785	2.462	-0.471
4/6/2021 5:06 AM	0.788	2.455	-0.469
4/6/2021 5:12 AM	0.782	2.461	-0.462
4/6/2021 5:18 AM	0.761	2.455	-0.462
4/6/2021 5:24 AM	0.754	2.446	-0.464
4/6/2021 5:30 AM	0.775	2.461	-0.466
4/6/2021 5:36 AM	0.763	2.484	-0.462
4/6/2021 5:42 AM	0.782	2.523	-0.459
4/6/2021 5:48 AM	0.786	2.623	-0.457
4/6/2021 5:54 AM	0.739	2.874	-0.458
4/6/2021 6:00 AM	0.713	3.093	-0.457
4/6/2021 6:06 AM	0.754	3.059	-0.453
4/6/2021 6:12 AM	0.77	2.942	-0.457
4/6/2021 6:18 AM	0.772	2.759	-0.463
4/6/2021 6:24 AM	0.797	2.565	-0.47
4/6/2021 6:30 AM	0.819	2.4	-0.476
4/6/2021 6:36 AM	0.863	2.238	-0.481
4/6/2021 6:42 AM	0.888	2.118	-0.488
4/6/2021 6:48 AM	0.919	2.019	-0.496
4/6/2021 6:54 AM	0.94	1.906	-0.499
4/6/2021 7:00 AM	0.964	1.802	-0.499
4/6/2021 7:06 AM	0.998	1.714	-0.499
4/6/2021 7:12 AM	1.022	1.694	-0.502
4/6/2021 7:18 AM	1.023	1.687	-0.502
4/6/2021 7:24 AM	1.047	1.679	-0.5
4/6/2021 7:30 AM	1.062	1.712	-0.5
4/6/2021 7:36 AM	1.042	1.734	-0.503
4/6/2021 7:42 AM	1.031	1.689	-0.505
4/6/2021 7:48 AM	0.985	1.568	-0.506
4/6/2021 7:54 AM	0.919	1.498	-0.506
4/6/2021 8:00 AM	0.815	1.44	-0.512
4/6/2021 8:06 AM	0.71	1.427	-0.509
4/6/2021 8:12 AM	0.63	1.47	-0.507
4/6/2021 8:18 AM	0.563	1.485	-0.514
4/6/2021 8:24 AM	0.556	1.504	-0.512
4/6/2021 8:30 AM	0.608	1.54	-0.498
4/6/2021 8:36 AM	0.642	1.591	-0.482
4/6/2021 8:42 AM	0.664	1.648	-0.463
4/6/2021 8:48 AM	3.046	1.64	-0.453
4/6/2021 8:54 AM	5.485	1.634	-0.45
4/6/2021 9:00 AM	4.129	1.734	-0.452
4/6/2021 9:06 AM	3.232	1.815	-0.453
4/6/2021 9:12 AM	3.394	1.831	-0.449
4/6/2021 9:18 AM	2.802	1.918	-0.446
4/6/2021 9:24 AM	1.925	1.797	-0.448
4/6/2021 9:30 AM	1.877	1.539	-0.452
4/6/2021 9:36 AM	1.956	1.356	-0.454
4/6/2021 9:42 AM	2.009	1.296	-0.454
4/6/2021 9:48 AM	2.04	1.323	-0.454
4/6/2021 9:54 AM	2.094	1.434	-0.449

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/6/2021 10:00 AM	2.047	1.517	-0.447
4/6/2021 10:06 AM	1.951	1.617	-0.442
4/6/2021 10:12 AM	1.856	1.728	-0.439
4/6/2021 10:18 AM	1.738	1.837	-0.438
4/6/2021 10:24 AM	1.54	1.934	-0.433
4/6/2021 10:30 AM	1.323	2.014	-0.431
4/6/2021 10:36 AM	1.231	2.036	-0.44
4/6/2021 10:42 AM	1.303	2.033	-0.445
4/6/2021 10:48 AM	1.49	2.046	-0.445
4/6/2021 10:54 AM	1.655	2.072	-0.45
4/6/2021 11:00 AM	1.709	2.113	-0.454
4/6/2021 11:06 AM	1.727	2.175	-0.455
4/6/2021 11:12 AM	1.714	2.196	-0.456
4/6/2021 11:18 AM	1.676	2.181	-0.454
4/6/2021 11:24 AM	1.637	2.059	-0.454
4/6/2021 11:30 AM	1.575	1.772	-0.46
4/6/2021 11:36 AM	1.48	1.544	-0.463
4/6/2021 11:42 AM	1.351	1.587	-0.46
4/6/2021 11:48 AM	1.225	1.752	-0.453
4/6/2021 11:54 AM	1.161	1.819	-0.452
4/6/2021 12:00 PM	1.15	1.809	-0.447
4/6/2021 12:06 PM	Calib	1.709	-0.441
4/6/2021 12:12 PM	1.1	1.589	-0.449
4/6/2021 12:18 PM	1.1	1.473	-0.453
4/6/2021 12:24 PM	1.2	1.517	-0.449
4/6/2021 12:30 PM	1.2	1.557	-0.445
4/6/2021 12:36 PM	1.2	1.549	-0.444
4/6/2021 12:42 PM	1.2	1.597	-0.444
4/6/2021 12:48 PM	1.1	1.687	-0.443
4/6/2021 12:54 PM	1.2	1.839	-0.446
4/6/2021 1:00 PM	1.2	2.04	-0.452
4/6/2021 1:06 PM	1.3	2.185	-0.457
4/6/2021 1:12 PM	1.3	2.277	-0.466
4/6/2021 1:18 PM	1.3	2.222	-0.474
4/6/2021 1:24 PM	1.4	2.07	-0.482
4/6/2021 1:30 PM	1.4	1.95	-0.49
4/6/2021 1:36 PM	1.4	1.863	-0.492
4/6/2021 1:42 PM	1.5	1.688	-0.482
4/6/2021 1:48 PM	1.4	1.692	-0.475
4/6/2021 1:54 PM	1.5	1.769	-0.464
4/6/2021 2:00 PM	1.5	1.8	-0.455
4/6/2021 2:06 PM	1.5	1.958	-0.45
4/6/2021 2:12 PM	1.6	2.207	-0.448
4/6/2021 2:18 PM	1.6	2.384	-0.455
4/6/2021 2:24 PM	1.5	2.535	-0.462
4/6/2021 2:30 PM	1.6	2.608	-0.464
4/6/2021 2:36 PM	1.6	2.663	-0.462
4/6/2021 2:42 PM	1.6	2.702	-0.46
4/6/2021 2:48 PM	1.6	2.691	-0.46
4/6/2021 2:54 PM	1.6	2.666	-0.464
4/6/2021 3:00 PM	1.6	2.613	-0.467
4/6/2021 3:06 PM	1.7	2.455	-0.466

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/6/2021 3:12 PM	1.7	2.157	-0.466
4/6/2021 3:18 PM	1.7	1.947	-0.47
4/6/2021 3:24 PM	1.8	1.928	-0.471
4/6/2021 3:30 PM	1.8	2.025	-0.468
4/6/2021 3:36 PM	1.8	2.223	-0.466
4/6/2021 3:42 PM	1.8	2.568	-0.468
4/6/2021 3:48 PM	1.8	2.881	-0.476
4/6/2021 3:54 PM	1.8	3.065	-0.474
4/6/2021 4:00 PM	1.8	3.21	-0.468
4/6/2021 4:06 PM	1.8	3.355	-0.467
4/6/2021 4:12 PM	1.8	3.47	3.838
4/6/2021 4:18 PM	1.3	3.484	6.613
4/6/2021 4:24 PM	0.8	3.39	3.081
4/6/2021 4:30 PM	0.5	3.224	3.039
4/6/2021 4:36 PM	0.4	3.019	2.919
4/6/2021 4:42 PM	0.4	2.797	2.025
4/6/2021 4:48 PM	0.4	2.641	1.808
4/6/2021 4:54 PM	0.5	2.456	1.506
4/6/2021 5:00 PM	0.5	2.367	1.231
4/6/2021 5:06 PM	0.5	2.315	1.19
4/6/2021 5:12 PM	0.5	2.318	1.19
4/6/2021 5:18 PM	0.5	2.219	1.188
4/6/2021 5:24 PM	0.5	2.134	1.23
4/6/2021 5:30 PM	0.6	2.203	1.315
4/6/2021 5:36 PM	0.6	2.287	1.379
4/6/2021 5:42 PM	0.7	2.403	1.394
4/6/2021 5:48 PM	0.7	2.603	1.369
4/6/2021 5:54 PM	0.7	2.889	1.345
4/6/2021 6:00 PM	0.8	3.102	1.331
4/6/2021 6:06 PM	0.8	3.352	1.293
4/6/2021 6:12 PM	0.8	3.646	1.223
4/6/2021 6:18 PM	0.8	3.838	1.201
4/6/2021 6:24 PM	0.8	3.835	1.159
4/6/2021 6:30 PM	0.8	3.668	1.115
4/6/2021 6:36 PM	0.8	3.533	1.057
4/6/2021 6:42 PM	0.8	3.435	0.98
4/6/2021 6:48 PM	0.8	3.366	0.943
4/6/2021 6:54 PM	0.8	3.315	0.909
4/6/2021 7:00 PM	0.9	3.279	0.872
4/6/2021 7:06 PM	0.9	3.245	0.842
4/6/2021 7:12 PM	0.9	3.231	0.804
4/6/2021 7:18 PM	0.9	3.207	0.745
4/6/2021 7:24 PM	0.9	3.173	0.733
4/6/2021 7:30 PM	0.9	3.148	0.698
4/6/2021 7:36 PM	0.9	3.123	0.663
4/6/2021 7:42 PM	0.9	3.109	0.663
4/6/2021 7:48 PM	1	3.094	0.674
4/6/2021 7:54 PM	1	3.079	0.658
4/6/2021 8:00 PM	1	3.069	0.615
4/6/2021 8:06 PM	0.9	3.044	0.597
4/6/2021 8:12 PM	0.9	3.018	0.597
4/6/2021 8:18 PM	0.9	2.989	0.61

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/6/2021 8:24 PM	0.9	2.988	0.63
4/6/2021 8:30 PM	0.9	3.013	0.637
4/6/2021 8:36 PM	0.9	3.033	0.646
4/6/2021 8:42 PM	0.9	3.061	0.669
4/6/2021 8:48 PM	0.9	3.071	0.667
4/6/2021 8:54 PM	0.9	3.068	0.638
4/6/2021 9:00 PM	0.9	3.088	0.616
4/6/2021 9:06 PM	0.9	3.119	0.625
4/6/2021 9:12 PM	0.9	3.153	0.631
4/6/2021 9:18 PM	0.9	3.179	0.628
4/6/2021 9:24 PM	0.9	3.172	0.61
4/6/2021 9:30 PM	0.9	3.148	0.605
4/6/2021 9:36 PM	0.9	3.129	0.601
4/6/2021 9:42 PM	0.9	3.111	0.598
4/6/2021 9:48 PM	0.9	3.105	0.575
4/6/2021 9:54 PM	0.9	3.097	0.565
4/6/2021 10:00 PM	0.9	3.1	0.594
4/6/2021 10:06 PM	0.9	3.09	0.606
4/6/2021 10:12 PM	0.9	3.071	0.581
4/6/2021 10:18 PM	0.9	3.063	0.59
4/6/2021 10:24 PM	0.9	3.059	0.587
4/6/2021 10:30 PM	0.9	3.061	0.588
4/6/2021 10:36 PM	0.9	3.075	0.616
4/6/2021 10:42 PM	1	3.112	0.623
4/6/2021 10:48 PM	1	3.142	0.632
4/6/2021 10:54 PM	0.9	3.153	0.623
4/6/2021 11:00 PM	0.9	3.156	1.042
4/6/2021 11:06 PM	1	3.162	1.237
4/6/2021 11:12 PM	1	3.174	1.33
4/6/2021 11:18 PM	0.9	3.177	1.265
4/6/2021 11:24 PM	0.9	3.151	1.171
4/6/2021 11:30 PM	0.9	3.119	1.728
4/6/2021 11:36 PM	0.9	3.103	2.103
4/6/2021 11:42 PM	0.9	3.128	1.925
4/6/2021 11:48 PM	0.9	3.175	1.795
4/6/2021 11:54 PM	0.9	3.174	1.772
4/7/2021 12:00 AM	0.9	3.183	1.815
4/7/2021 12:06 AM	0.9	3.241	1.772
4/7/2021 12:12 AM	0.8	3.29	1.723
4/7/2021 12:18 AM	0.8	3.337	1.735
4/7/2021 12:24 AM	0.8	3.349	1.802
4/7/2021 12:30 AM	0.8	3.343	1.855
4/7/2021 12:36 AM	0.8	3.347	1.857
4/7/2021 12:42 AM	0.8	3.348	1.866
4/7/2021 12:48 AM	0.7	3.354	1.751
4/7/2021 12:54 AM	0.7	3.374	1.819
4/7/2021 1:00 AM	0.7	3.415	2.041
4/7/2021 1:06 AM	0.8	3.463	2.016
4/7/2021 1:12 AM	0.8	3.494	1.988
4/7/2021 1:18 AM	0.8	3.508	1.769
4/7/2021 1:24 AM	0.8	3.547	1.547
4/7/2021 1:30 AM	0.8	3.605	1.605

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/7/2021 1:36 AM	0.8	3.629	1.661
4/7/2021 1:42 AM	0.8	3.597	1.645
4/7/2021 1:48 AM	0.7	3.545	1.63
4/7/2021 1:54 AM	0.7	3.517	1.614
4/7/2021 2:00 AM	0.7	3.536	1.66
4/7/2021 2:06 AM	0.7	3.584	1.693
4/7/2021 2:12 AM	0.7	3.614	1.758
4/7/2021 2:18 AM	0.7	3.647	1.777
4/7/2021 2:24 AM	0.7	3.7	1.646
4/7/2021 2:30 AM	0.7	3.727	1.664
4/7/2021 2:36 AM	0.8	3.732	1.683
4/7/2021 2:42 AM	0.7	3.736	1.666
4/7/2021 2:48 AM	0.7	3.74	1.674
4/7/2021 2:54 AM	0.7	3.74	1.663
4/7/2021 3:00 AM	0.7	3.735	1.643
4/7/2021 3:06 AM	0.8	3.722	1.682
4/7/2021 3:12 AM	0.8	3.705	1.625
4/7/2021 3:18 AM	0.7	3.673	1.568
4/7/2021 3:24 AM	0.7	3.66	1.609
4/7/2021 3:30 AM	0.8	3.672	1.645
4/7/2021 3:36 AM	0.8	3.688	1.635
4/7/2021 3:42 AM	0.8	3.704	1.625
4/7/2021 3:48 AM	0.7	3.738	1.64
4/7/2021 3:54 AM	0.8	3.757	1.606
4/7/2021 4:00 AM	0.8	3.775	1.558
4/7/2021 4:06 AM	0.8	3.782	1.536
4/7/2021 4:12 AM	0.8	3.784	1.592
4/7/2021 4:18 AM	0.8	3.778	1.643
4/7/2021 4:24 AM	0.8	3.759	1.63
4/7/2021 4:30 AM	0.8	3.797	1.638
4/7/2021 4:36 AM	0.8	3.851	1.667
4/7/2021 4:42 AM	0.8	3.852	1.674
4/7/2021 4:48 AM	0.8	3.836	1.474
4/7/2021 4:54 AM	0.8	3.833	1.254
4/7/2021 5:00 AM	0.8	3.84	1.271
4/7/2021 5:06 AM	0.8	3.86	1.293
4/7/2021 5:12 AM	0.8	3.85	1.313
4/7/2021 5:18 AM	0.8	3.842	1.287
4/7/2021 5:24 AM	0.8	3.872	1.26
4/7/2021 5:30 AM	0.8	3.901	1.304
4/7/2021 5:36 AM	0.8	3.922	1.301
4/7/2021 5:42 AM	0.8	3.933	1.281
4/7/2021 5:48 AM	0.8	3.939	1.247
4/7/2021 5:54 AM	0.8	3.936	1.201
4/7/2021 6:00 AM	0.8	3.958	1.195
4/7/2021 6:06 AM	0.8	4.115	1.184
4/7/2021 6:12 AM	0.8	4.291	1.162
4/7/2021 6:18 AM	0.8	4.308	1.221
4/7/2021 6:24 AM	0.8	4.259	1.231
4/7/2021 6:30 AM	0.8	4.187	1.058
4/7/2021 6:36 AM	0.8	4.102	0.958
4/7/2021 6:42 AM	0.8	4.023	0.993

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/7/2021 6:48 AM	0.8	3.927	0.994
4/7/2021 6:54 AM	0.8	3.954	1.027
4/7/2021 7:00 AM	0.8	4.16	1.011
4/7/2021 7:06 AM	0.8	4.302	0.941
4/7/2021 7:12 AM	0.8	4.281	0.947
4/7/2021 7:18 AM	0.8	4.235	1.003
4/7/2021 7:24 AM	0.8	4.216	0.982
4/7/2021 7:30 AM	0.9	4.152	0.984
4/7/2021 7:36 AM	0.8	4.098	0.975
4/7/2021 7:42 AM	0.8	4.225	1.191
4/7/2021 7:48 AM	0.8	4.224	1.617
4/7/2021 7:54 AM	0.8	3.976	2.104
4/7/2021 8:00 AM	0.8	3.731	1.794
4/7/2021 8:06 AM	0.8	3.501	1.324
4/7/2021 8:12 AM	0.8	3.255	1.287
4/7/2021 8:18 AM	0.7	3.113	1.259
4/7/2021 8:24 AM	0.7	11.617	1.259
4/7/2021 8:30 AM	Calib	20.95	1.299
4/7/2021 8:36 AM	0.883	13.742	1.26
4/7/2021 8:42 AM	0.881	10.395	1.176
4/7/2021 8:48 AM	0.875	8.983	1.194
4/7/2021 8:54 AM	0.876	6.316	1.221
4/7/2021 9:00 AM	0.883	5.386	1.242
4/7/2021 9:06 AM	0.906	5.055	1.255
4/7/2021 9:12 AM	0.92	4.791	1.183
4/7/2021 9:18 AM	0.947	4.419	1.07
4/7/2021 9:24 AM	0.943	3.849	1.053
4/7/2021 9:30 AM	0.963	3.077	1.032
4/7/2021 9:36 AM	0.964	2.506	1.009
4/7/2021 9:42 AM	0.923	2.177	1.02
4/7/2021 9:48 AM	0.887	1.905	1.045
4/7/2021 9:54 AM	0.87	1.842	1.054
4/7/2021 10:00 AM	0.875	1.722	1.097
4/7/2021 10:06 AM	0.878	1.546	1.119
4/7/2021 10:12 AM	0.873	1.45	1.132
4/7/2021 10:18 AM	0.881	1.391	1.135
4/7/2021 10:24 AM	0.883	1.337	1.138
4/7/2021 10:30 AM	0.886	1.286	1.153
4/7/2021 10:36 AM	0.929	1.243	1.164
4/7/2021 10:42 AM	0.945	1.215	1.178
4/7/2021 10:48 AM	0.962	1.184	1.154
4/7/2021 10:54 AM	0.979	1.134	1.153
4/7/2021 11:00 AM	1.01	1.132	1.182
4/7/2021 11:06 AM	1.015	1.169	1.197
4/7/2021 11:12 AM	0.992	1.173	1.198
4/7/2021 11:18 AM	0.956	1.128	1.205
4/7/2021 11:24 AM	0.899	1.178	1.212
4/7/2021 11:30 AM	0.863	1.217	1.223
4/7/2021 11:36 AM	0.892	1.278	1.215
4/7/2021 11:42 AM	0.91	1.327	1.167
4/7/2021 11:48 AM	0.96	1.294	1.15
4/7/2021 11:54 AM	0.996	1.276	1.149

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/7/2021 12:00 PM	0.974	1.354	1.16
4/7/2021 12:06 PM	0.875	1.296	1.155
4/7/2021 12:12 PM	0.904	1.217	1.144
4/7/2021 12:18 PM	0.928	1.202	1.135
4/7/2021 12:24 PM	0.928	1.258	1.125
4/7/2021 12:30 PM	0.936	1.365	1.147
4/7/2021 12:36 PM	0.931	1.416	1.168
4/7/2021 12:42 PM	0.913	1.427	1.155
4/7/2021 12:48 PM	0.899	1.423	1.201
4/7/2021 12:54 PM	0.89	1.385	1.265
4/7/2021 1:00 PM	0.884	1.303	1.305
4/7/2021 1:06 PM	0.892	1.224	1.275
4/7/2021 1:12 PM	0.896	1.156	1.247
4/7/2021 1:18 PM	0.9	1.086	1.246
4/7/2021 1:24 PM	0.897	1.032	1.237
4/7/2021 1:30 PM	0.925	1.033	1.211
4/7/2021 1:36 PM	0.937	1.052	1.221
4/7/2021 1:42 PM	0.957	1.04	1.231
4/7/2021 1:48 PM	0.998	1.028	1.205
4/7/2021 1:54 PM	1.029	1.052	1.208
4/7/2021 2:00 PM	1.022	1.102	1.239
4/7/2021 2:06 PM	1.006	1.161	1.23
4/7/2021 2:12 PM	1.009	1.221	1.225
4/7/2021 2:18 PM	0.995	1.236	1.223
4/7/2021 2:24 PM	0.958	1.173	1.231
4/7/2021 2:30 PM	0.908	1.123	1.194
4/7/2021 2:36 PM	0.837	1.125	1.202
4/7/2021 2:42 PM	0.805	1.116	1.205
4/7/2021 2:48 PM	0.783	1.129	1.203
4/7/2021 2:54 PM	0.772	1.108	1.133
4/7/2021 3:00 PM	0.778	1.093	0.956
4/7/2021 3:06 PM	0.791	1.078	0.877
4/7/2021 3:12 PM	0.797	1.082	0.874
4/7/2021 3:18 PM	0.782	1.127	0.88
4/7/2021 3:24 PM	0.787	1.182	0.907
4/7/2021 3:30 PM	0.821	1.229	0.909
4/7/2021 3:36 PM	0.844	1.291	0.948
4/7/2021 3:42 PM	0.868	1.397	0.953
4/7/2021 3:48 PM	0.906	1.411	0.946
4/7/2021 3:54 PM	0.926	1.341	0.938
4/7/2021 4:00 PM	0.949	1.288	0.937
4/7/2021 4:06 PM	0.957	1.212	0.94
4/7/2021 4:12 PM	0.965	1.158	0.948
4/7/2021 4:18 PM	1.016	1.104	0.939
4/7/2021 4:24 PM	1.065	1.025	0.955
4/7/2021 4:30 PM	1.053	0.984	0.945
4/7/2021 4:36 PM	1.048	0.937	0.94
4/7/2021 4:42 PM	1.034	0.919	0.946
4/7/2021 4:48 PM	0.996	0.927	0.946
4/7/2021 4:54 PM	0.98	0.919	0.933
4/7/2021 5:00 PM	0.989	0.904	0.937
4/7/2021 5:06 PM	1.003	0.931	0.947

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/7/2021 5:12 PM	0.998	0.948	0.94
4/7/2021 5:18 PM	1.013	0.948	0.936
4/7/2021 5:24 PM	1.015	0.969	0.945
4/7/2021 5:30 PM	1.035	0.978	0.955
4/7/2021 5:36 PM	1.022	0.971	0.93
4/7/2021 5:42 PM	1.011	0.989	0.945
4/7/2021 5:48 PM	1.04	1.009	0.963
4/7/2021 5:54 PM	1.034	1.019	0.955
4/7/2021 6:00 PM	1.049	0.986	0.95
4/7/2021 6:06 PM	1.049	0.986	0.968
4/7/2021 6:12 PM	1.047	1.009	0.98
4/7/2021 6:18 PM	1.053	1.031	0.957
4/7/2021 6:24 PM	1.062	1.045	0.971
4/7/2021 6:30 PM	1.06	1.043	0.996
4/7/2021 6:36 PM	1.026	1.037	0.992
4/7/2021 6:42 PM	1.009	1.039	1.004
4/7/2021 6:48 PM	1.012	1.051	0.993
4/7/2021 6:54 PM	1.002	1.063	0.992
4/7/2021 7:00 PM	0.975	1.06	0.995
4/7/2021 7:06 PM	0.936	1.071	0.984
4/7/2021 7:12 PM	0.913	1.06	0.999
4/7/2021 7:18 PM	0.9	1.065	1.01
4/7/2021 7:24 PM	0.897	1.095	1.006
4/7/2021 7:30 PM	0.892	1.136	0.981
4/7/2021 7:36 PM	0.882	1.14	0.973
4/7/2021 7:42 PM	0.878	1.058	0.978
4/7/2021 7:48 PM	0.884	1.013	1.009
4/7/2021 7:54 PM	0.871	1.018	1.037
4/7/2021 8:00 PM	0.846	1.028	1.044
4/7/2021 8:06 PM	0.848	1.047	1.042
4/7/2021 8:12 PM	0.849	1.038	1.026
4/7/2021 8:18 PM	0.857	1.04	1.04
4/7/2021 8:24 PM	0.862	1.054	1.092
4/7/2021 8:30 PM	0.856	1.064	1.233
4/7/2021 8:36 PM	0.853	1.078	1.294
4/7/2021 8:42 PM	0.846	1.097	1.267
4/7/2021 8:48 PM	0.862	1.088	1.255
4/7/2021 8:54 PM	0.858	1.06	1.251
4/7/2021 9:00 PM	0.845	1.064	1.243
4/7/2021 9:06 PM	0.839	1.099	1.242
4/7/2021 9:12 PM	0.832	1.059	1.232
4/7/2021 9:18 PM	0.825	1.032	1.238
4/7/2021 9:24 PM	0.814	1.025	1.246
4/7/2021 9:30 PM	0.819	1.029	1.238
4/7/2021 9:36 PM	0.82	1.008	1.222
4/7/2021 9:42 PM	0.795	0.997	1.222
4/7/2021 9:48 PM	0.787	1.01	1.219
4/7/2021 9:54 PM	0.805	1.017	1.227
4/7/2021 10:00 PM	0.806	1.032	1.227
4/7/2021 10:06 PM	0.81	1.059	1.263
4/7/2021 10:12 PM	0.811	1.025	1.281
4/7/2021 10:18 PM	0.794	0.976	1.25

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/7/2021 10:24 PM	0.805	0.947	1.247
4/7/2021 10:30 PM	0.814	0.973	1.279
4/7/2021 10:36 PM	0.811	1.023	1.282
4/7/2021 10:42 PM	0.793	1.054	1.262
4/7/2021 10:48 PM	0.764	1.074	1.251
4/7/2021 10:54 PM	0.759	1.079	1.289
4/7/2021 11:00 PM	0.756	1.085	1.3
4/7/2021 11:06 PM	0.756	1.069	1.315
4/7/2021 11:12 PM	0.756	1.033	1.513
4/7/2021 11:18 PM	0.77	0.702	1.638
4/7/2021 11:24 PM	0.764	0.364	1.66
4/7/2021 11:30 PM	0.749	0.373	1.656
4/7/2021 11:36 PM	0.738	0.33	1.639
4/7/2021 11:42 PM	0.728	0.29	1.608
4/7/2021 11:48 PM	0.732	0.335	1.603
4/7/2021 11:54 PM	0.733	0.334	1.593
4/8/2021 12:00 AM	0.725	0.27	1.578
4/8/2021 12:06 AM	0.739	0.209	1.574
4/8/2021 12:12 AM	0.75	0.215	1.575
4/8/2021 12:18 AM	0.737	0.196	1.514
4/8/2021 12:24 AM	0.721	0.191	1.477
4/8/2021 12:30 AM	0.732	0.219	1.492
4/8/2021 12:36 AM	0.752	0.228	1.48
4/8/2021 12:42 AM	0.754	0.235	1.498
4/8/2021 12:48 AM	0.753	0.206	1.492
4/8/2021 12:54 AM	0.748	0.186	1.498
4/8/2021 1:00 AM	0.753	0.178	1.466
4/8/2021 1:06 AM	0.762	0.224	1.438
4/8/2021 1:12 AM	0.762	0.271	1.429
4/8/2021 1:18 AM	0.769	0.215	1.453
4/8/2021 1:24 AM	0.755	0.199	1.461
4/8/2021 1:30 AM	0.744	0.233	1.445
4/8/2021 1:36 AM	0.748	0.253	1.465
4/8/2021 1:42 AM	0.757	0.253	1.455
4/8/2021 1:48 AM	0.755	0.225	1.46
4/8/2021 1:54 AM	0.745	0.228	1.482
4/8/2021 2:00 AM	0.731	0.183	1.492
4/8/2021 2:06 AM	0.719	0.186	1.502
4/8/2021 2:12 AM	0.714	0.202	1.496
4/8/2021 2:18 AM	0.713	0.219	1.493
4/8/2021 2:24 AM	0.719	0.211	1.493
4/8/2021 2:30 AM	0.708	0.228	1.478
4/8/2021 2:36 AM	0.692	0.305	1.486
4/8/2021 2:42 AM	0.695	0.267	1.505
4/8/2021 2:48 AM	0.699	0.288	1.498
4/8/2021 2:54 AM	0.694	0.302	1.472
4/8/2021 3:00 AM	0.686	0.288	1.498
4/8/2021 3:06 AM	0.686	0.297	1.46
4/8/2021 3:12 AM	0.688	0.291	1.443
4/8/2021 3:18 AM	0.686	0.219	1.446
4/8/2021 3:24 AM	0.684	0.195	1.463
4/8/2021 3:30 AM	0.685	0.237	1.454

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/8/2021 3:36 AM	0.679	0.237	1.463
4/8/2021 3:42 AM	0.679	0.212	1.475
4/8/2021 3:48 AM	0.684	0.262	1.479
4/8/2021 3:54 AM	0.686	0.309	1.495
4/8/2021 4:00 AM	0.688	0.339	1.488
4/8/2021 4:06 AM	0.692	0.331	1.565
4/8/2021 4:12 AM	0.694	0.307	1.757
4/8/2021 4:18 AM	0.699	0.325	1.818
4/8/2021 4:24 AM	0.702	0.321	1.797
4/8/2021 4:30 AM	0.698	0.287	1.808
4/8/2021 4:36 AM	0.692	0.284	1.824
4/8/2021 4:42 AM	0.688	0.303	1.805
4/8/2021 4:48 AM	0.698	0.327	1.784
4/8/2021 4:54 AM	0.691	0.33	1.804
4/8/2021 5:00 AM	0.691	0.343	1.815
4/8/2021 5:06 AM	0.7	0.313	1.811
4/8/2021 5:12 AM	0.693	0.314	1.8
4/8/2021 5:18 AM	0.693	0.367	1.634
4/8/2021 5:24 AM	0.706	0.365	1.532
4/8/2021 5:30 AM	0.706	0.358	1.526
4/8/2021 5:36 AM	0.701	0.384	1.537
4/8/2021 5:42 AM	0.699	0.405	1.551
4/8/2021 5:48 AM	0.683	0.432	1.542
4/8/2021 5:54 AM	0.662	0.434	1.576
4/8/2021 6:00 AM	0.658	0.422	1.56
4/8/2021 6:06 AM	0.661	0.44	1.551
4/8/2021 6:12 AM	0.662	0.433	1.545
4/8/2021 6:18 AM	0.662	0.419	1.532
4/8/2021 6:24 AM	0.684	0.479	1.492
4/8/2021 6:30 AM	0.7	0.469	1.5
4/8/2021 6:36 AM	0.703	0.396	1.527
4/8/2021 6:42 AM	0.712	0.424	1.534
4/8/2021 6:48 AM	0.714	0.408	1.543
4/8/2021 6:54 AM	0.74	0.382	1.534
4/8/2021 7:00 AM	0.759	0.442	1.547
4/8/2021 7:06 AM	0.766	0.469	1.549
4/8/2021 7:12 AM	0.786	0.445	1.518
4/8/2021 7:18 AM	0.82	0.439	1.521
4/8/2021 7:24 AM	0.841	0.399	1.534
4/8/2021 7:30 AM	0.857	0.416	1.524
4/8/2021 7:36 AM	0.868	1.728	1.511
4/8/2021 7:42 AM	0.856	7.389	1.505
4/8/2021 7:48 AM	0.834	6.252	1.309
4/8/2021 7:54 AM	0.774	3.899	1.16
4/8/2021 8:00 AM	0.673	3.383	1.17
4/8/2021 8:06 AM	0.58	3.327	1.176
4/8/2021 8:12 AM	0.512	3.019	1.177
4/8/2021 8:18 AM	0.438	2.582	1.197
4/8/2021 8:24 AM	0.394	2.086	1.215
4/8/2021 8:30 AM	0.393	1.715	1.259
4/8/2021 8:36 AM	0.418	1.512	1.302
4/8/2021 8:42 AM	0.448	1.391	1.312

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/8/2021 8:48 AM	0.484	1.432	1.315
4/8/2021 8:54 AM	0.525	1.41	1.342
4/8/2021 9:00 AM	0.554	1.382	1.346
4/8/2021 9:06 AM	0.593	1.418	1.34
4/8/2021 9:12 AM	0.624	1.38	1.351
4/8/2021 9:18 AM	0.639	1.317	1.36
4/8/2021 9:24 AM	0.633	1.351	1.379
4/8/2021 9:30 AM	0.619	1.58	1.583
4/8/2021 9:36 AM	0.606	1.604	1.751
4/8/2021 9:42 AM	0.572	1.578	1.727
4/8/2021 9:48 AM	0.552	1.576	1.701
4/8/2021 9:54 AM	0.546	1.531	1.715
4/8/2021 10:00 AM	0.542	1.508	1.717
4/8/2021 10:06 AM	0.533	1.521	1.71
4/8/2021 10:12 AM	0.542	1.486	1.714
4/8/2021 10:18 AM	0.577	1.464	1.725
4/8/2021 10:24 AM	0.613	1.469	1.734
4/8/2021 10:30 AM	0.642	1.444	1.756
4/8/2021 10:36 AM	0.674	1.357	1.748
4/8/2021 10:42 AM	0.699	1.231	1.746
4/8/2021 10:48 AM	0.725	1.213	1.749
4/8/2021 10:54 AM	0.76	1.224	1.732
4/8/2021 11:00 AM	0.793	1.225	1.744
4/8/2021 11:06 AM	0.813	1.262	1.756
4/8/2021 11:12 AM	0.82	1.247	1.755
4/8/2021 11:18 AM	0.789	1.212	1.707
4/8/2021 11:24 AM	0.738	1.198	1.678
4/8/2021 11:30 AM	0.697	1.168	1.68
4/8/2021 11:36 AM	0.688	1.164	1.629
4/8/2021 11:42 AM	0.693	1.212	1.637
4/8/2021 11:48 AM	0.689	1.293	1.66
4/8/2021 11:54 AM	5.832	1.349	1.624
4/8/2021 12:00 PM	11.735	1.33	1.523
4/8/2021 12:06 PM	Calib	1.269	1.118
4/8/2021 12:12 PM	1.6	1.294	1.117
4/8/2021 12:18 PM	1.6	1.317	1.092
4/8/2021 12:24 PM	1.6	1.378	1.096
4/8/2021 12:30 PM	1.5	1.48	1.113
4/8/2021 12:36 PM	1.4	1.54	1.114
4/8/2021 12:42 PM	1.3	1.578	1.126
4/8/2021 12:48 PM	1.2	1.549	1.124
4/8/2021 12:54 PM	1.1	1.499	1.126
4/8/2021 1:00 PM	1.1	1.463	1.111
4/8/2021 1:06 PM	1.1	1.437	1.112
4/8/2021 1:12 PM	1	1.405	1.135
4/8/2021 1:18 PM	1	1.364	1.141
4/8/2021 1:24 PM	0.9	1.332	1.157
4/8/2021 1:30 PM	0.9	1.34	1.19
4/8/2021 1:36 PM	0.9	1.369	1.186
4/8/2021 1:42 PM	0.9	1.382	1.161
4/8/2021 1:48 PM	0.9	1.394	1.16
4/8/2021 1:54 PM	0.9	1.431	1.188

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/8/2021 2:00 PM	0.8	1.42	1.213
4/8/2021 2:06 PM	0.8	1.406	1.217
4/8/2021 2:12 PM	0.8	1.415	1.185
4/8/2021 2:18 PM	0.8	1.411	1.178
4/8/2021 2:24 PM	0.7	1.347	1.19
4/8/2021 2:30 PM	0.7	1.313	1.187
4/8/2021 2:36 PM	0.6	1.312	1.17
4/8/2021 2:42 PM	0.6	1.281	1.159
4/8/2021 2:48 PM	0.5	1.285	1.161
4/8/2021 2:54 PM	0.5	1.286	1.164
4/8/2021 3:00 PM	0.5	1.312	1.165
4/8/2021 3:06 PM	0.5	1.33	1.182
4/8/2021 3:12 PM	0.5	1.364	1.2
4/8/2021 3:18 PM	0.5	1.452	1.196
4/8/2021 3:24 PM	0.6	1.453	1.187
4/8/2021 3:30 PM	0.6	1.495	1.265
4/8/2021 3:36 PM	0.6	1.513	1.42
4/8/2021 3:42 PM	0.6	1.539	1.439
4/8/2021 3:48 PM	0.6	1.502	1.383
4/8/2021 3:54 PM	0.6	1.454	1.387
4/8/2021 4:00 PM	0.6	1.424	1.419
4/8/2021 4:06 PM	0.6	1.364	1.443
4/8/2021 4:12 PM	0.7	1.318	1.452
4/8/2021 4:18 PM	0.7	1.282	1.46
4/8/2021 4:24 PM	0.7	1.247	1.471
4/8/2021 4:30 PM	0.7	1.253	1.484
4/8/2021 4:36 PM	0.7	1.261	1.494
4/8/2021 4:42 PM	0.7	1.208	1.494
4/8/2021 4:48 PM	0.7	1.19	1.492
4/8/2021 4:54 PM	Maintain	1.198	1.473
4/8/2021 5:00 PM	Zero	<Samp	<Samp
4/8/2021 5:06 PM	Calib	Maintain	Maintain
4/8/2021 5:12 PM	0.485	1.16	1.523
4/8/2021 5:18 PM	0.497	1.193	1.525
4/8/2021 5:24 PM	0.503	1.178	1.523
4/8/2021 5:30 PM	0.516	1.152	1.536
4/8/2021 5:36 PM	0.536	1.161	1.525
4/8/2021 5:42 PM	0.546	1.125	1.526
4/8/2021 5:48 PM	0.555	1.165	1.545
4/8/2021 5:54 PM	0.557	1.199	1.526
4/8/2021 6:00 PM	0.577	1.182	1.506
4/8/2021 6:06 PM	0.594	1.202	1.532
4/8/2021 6:12 PM	0.6	1.254	1.53
4/8/2021 6:18 PM	0.624	1.275	1.543
4/8/2021 6:24 PM	0.645	1.248	1.545
4/8/2021 6:30 PM	0.654	1.282	1.508
4/8/2021 6:36 PM	0.656	1.291	1.508
4/8/2021 6:42 PM	0.646	1.283	1.491
4/8/2021 6:48 PM	0.635	1.291	1.459
4/8/2021 6:54 PM	0.647	1.259	1.472
4/8/2021 7:00 PM	0.641	1.242	1.477
4/8/2021 7:06 PM	0.616	1.257	1.464

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/8/2021 7:12 PM	0.602	1.214	1.45
4/8/2021 7:18 PM	0.587	1.18	1.449
4/8/2021 7:24 PM	0.58	1.147	1.451
4/8/2021 7:30 PM	0.576	1.17	1.445
4/8/2021 7:36 PM	0.562	1.185	1.461
4/8/2021 7:42 PM	0.568	1.192	1.459
4/8/2021 7:48 PM	0.582	1.194	1.45
4/8/2021 7:54 PM	0.584	1.178	1.421
4/8/2021 8:00 PM	0.579	1.19	1.355
4/8/2021 8:06 PM	0.576	1.177	1.313
4/8/2021 8:12 PM	0.581	1.15	1.338
4/8/2021 8:18 PM	0.57	1.137	1.336
4/8/2021 8:24 PM	0.563	1.16	1.324
4/8/2021 8:30 PM	0.564	1.167	1.312
4/8/2021 8:36 PM	0.562	1.145	1.322
4/8/2021 8:42 PM	0.564	1.115	1.301
4/8/2021 8:48 PM	0.55	1.12	1.289
4/8/2021 8:54 PM	0.53	1.141	1.297
4/8/2021 9:00 PM	0.514	1.112	1.343
4/8/2021 9:06 PM	0.513	1.108	1.43
4/8/2021 9:12 PM	0.499	1.163	1.445
4/8/2021 9:18 PM	0.489	1.181	1.433
4/8/2021 9:24 PM	0.489	1.119	1.444
4/8/2021 9:30 PM	0.484	1.111	1.429
4/8/2021 9:36 PM	0.487	1.106	1.415
4/8/2021 9:42 PM	0.489	1.08	1.436
4/8/2021 9:48 PM	0.501	1.077	1.43
4/8/2021 9:54 PM	0.505	1.103	1.404
4/8/2021 10:00 PM	0.507	1.105	1.369
4/8/2021 10:06 PM	0.5	1.09	1.372
4/8/2021 10:12 PM	0.494	1.106	1.382
4/8/2021 10:18 PM	0.505	1.092	1.361
4/8/2021 10:24 PM	0.506	1.092	1.363
4/8/2021 10:30 PM	0.505	1.077	1.364
4/8/2021 10:36 PM	0.508	1.066	1.378
4/8/2021 10:42 PM	0.511	1.088	1.404
4/8/2021 10:48 PM	0.509	1.09	1.421
4/8/2021 10:54 PM	0.504	1.07	1.409
4/8/2021 11:00 PM	0.504	1.084	1.264
4/8/2021 11:06 PM	0.5	1.112	0.99
4/8/2021 11:12 PM	0.487	1.129	0.893
4/8/2021 11:18 PM	0.47	1.174	0.899
4/8/2021 11:24 PM	0.456	1.188	0.94
4/8/2021 11:30 PM	0.446	1.164	0.979
4/8/2021 11:36 PM	0.434	1.105	0.981
4/8/2021 11:42 PM	0.415	1.085	0.99
4/8/2021 11:48 PM	0.395	1.144	1.001
4/8/2021 11:54 PM	0.38	1.122	1
4/9/2021 12:00 AM	0.365	1.079	1.01
4/9/2021 12:06 AM	0.351	0.683	1.543
4/9/2021 12:12 AM	0.342	0.842	1.973
4/9/2021 12:18 AM	0.343	0.928	1.903

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/9/2021 12:24 AM	0.338	0.603	1.888
4/9/2021 12:30 AM	0.338	0.522	1.871
4/9/2021 12:36 AM	0.342	0.496	1.857
4/9/2021 12:42 AM	0.335	0.496	1.876
4/9/2021 12:48 AM	0.329	0.482	1.874
4/9/2021 12:54 AM	0.33	0.458	1.86
4/9/2021 1:00 AM	0.322	0.458	1.845
4/9/2021 1:06 AM	0.322	0.46	1.835
4/9/2021 1:12 AM	0.33	0.422	1.807
4/9/2021 1:18 AM	0.323	0.392	1.782
4/9/2021 1:24 AM	0.326	0.381	1.782
4/9/2021 1:30 AM	0.34	0.377	1.764
4/9/2021 1:36 AM	0.349	0.393	1.762
4/9/2021 1:42 AM	0.356	0.376	1.76
4/9/2021 1:48 AM	0.372	0.411	1.737
4/9/2021 1:54 AM	0.38	0.436	1.746
4/9/2021 2:00 AM	0.386	0.457	1.746
4/9/2021 2:06 AM	0.392	0.409	1.719
4/9/2021 2:12 AM	0.397	0.417	1.706
4/9/2021 2:18 AM	0.399	0.447	1.713
4/9/2021 2:24 AM	0.406	0.457	1.709
4/9/2021 2:30 AM	0.415	0.475	1.726
4/9/2021 2:36 AM	0.417	0.52	1.723
4/9/2021 2:42 AM	0.411	0.56	1.713
4/9/2021 2:48 AM	0.412	0.55	1.715
4/9/2021 2:54 AM	0.412	0.545	1.743
4/9/2021 3:00 AM	0.408	0.559	1.739
4/9/2021 3:06 AM	0.41	0.578	1.768
4/9/2021 3:12 AM	0.413	0.582	1.764
4/9/2021 3:18 AM	0.419	0.556	1.751
4/9/2021 3:24 AM	0.42	0.582	1.741
4/9/2021 3:30 AM	0.417	0.586	1.723
4/9/2021 3:36 AM	0.415	0.546	1.724
4/9/2021 3:42 AM	0.409	0.543	1.746
4/9/2021 3:48 AM	0.402	0.564	1.728
4/9/2021 3:54 AM	0.399	0.578	1.716
4/9/2021 4:00 AM	0.395	0.577	1.709
4/9/2021 4:06 AM	0.386	0.566	1.672
4/9/2021 4:12 AM	0.381	0.556	1.696
4/9/2021 4:18 AM	0.375	0.555	1.708
4/9/2021 4:24 AM	0.367	0.532	1.684
4/9/2021 4:30 AM	0.356	0.51	1.709
4/9/2021 4:36 AM	0.34	0.497	1.454
4/9/2021 4:42 AM	0.327	0.505	1.154
4/9/2021 4:48 AM	0.317	0.504	1.16
4/9/2021 4:54 AM	0.318	0.537	1.151
4/9/2021 5:00 AM	0.322	0.563	1.154
4/9/2021 5:06 AM	0.319	0.566	1.187
4/9/2021 5:12 AM	0.316	0.537	1.159
4/9/2021 5:18 AM	0.312	0.559	1.175
4/9/2021 5:24 AM	0.31	0.603	1.195
4/9/2021 5:30 AM	0.305	0.595	1.176

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/9/2021 5:36 AM	0.289	0.594	1.187
4/9/2021 5:42 AM	0.283	0.566	1.187
4/9/2021 5:48 AM	0.287	0.568	1.182
4/9/2021 5:54 AM	0.285	0.576	1.182
4/9/2021 6:00 AM	0.273	0.561	1.18
4/9/2021 6:06 AM	0.264	0.567	1.186
4/9/2021 6:12 AM	0.256	0.568	1.196
4/9/2021 6:18 AM	0.252	0.581	1.218
4/9/2021 6:24 AM	0.257	0.596	1.204
4/9/2021 6:30 AM	0.269	0.569	1.146
4/9/2021 6:36 AM	0.285	0.528	1.1
4/9/2021 6:42 AM	0.286	0.552	1.1
4/9/2021 6:48 AM	0.282	0.568	1.089
4/9/2021 6:54 AM	0.288	0.583	1.105
4/9/2021 7:00 AM	0.284	0.571	1.085
4/9/2021 7:06 AM	0.284	0.568	1.063
4/9/2021 7:12 AM	0.292	0.582	1.074
4/9/2021 7:18 AM	0.296	0.561	1.191
4/9/2021 7:24 AM	0.311	0.548	1.498
4/9/2021 7:30 AM	0.315	0.568	1.605
4/9/2021 7:36 AM	0.313	4.781	1.592
4/9/2021 7:42 AM	0.319	8.691	1.654
4/9/2021 7:48 AM	0.318	6.187	1.737
4/9/2021 7:54 AM	0.307	3.977	1.707
4/9/2021 8:00 AM	0.286	3.404	1.703
4/9/2021 8:06 AM	0.257	2.885	1.721
4/9/2021 8:12 AM	0.245	2.244	1.756
4/9/2021 8:18 AM	0.235	1.841	1.753
4/9/2021 8:24 AM	0.202	1.649	1.715
4/9/2021 8:30 AM	0.158	1.508	1.715
4/9/2021 8:36 AM	0.121	1.475	1.74
4/9/2021 8:42 AM	0.098	1.49	1.753
4/9/2021 8:48 AM	0.098	1.463	1.755
4/9/2021 8:54 AM	0.109	1.428	1.745
4/9/2021 9:00 AM	0.117	1.412	1.739
4/9/2021 9:06 AM	0.115	1.394	1.728
4/9/2021 9:12 AM	0.115	1.383	1.553
4/9/2021 9:18 AM	0.122	1.352	1.229
4/9/2021 9:24 AM	0.132	1.348	1.558
4/9/2021 9:30 AM	0.144	1.366	2.119
4/9/2021 9:36 AM	0.152	1.389	2.218
4/9/2021 9:42 AM	0.158	1.419	2.298
4/9/2021 9:48 AM	0.174	1.423	2.318
4/9/2021 9:54 AM	0.19	1.436	2.344
4/9/2021 10:00 AM	0.2	1.445	2.381
4/9/2021 10:06 AM	0.209	1.456	2.421
4/9/2021 10:12 AM	0.216	1.483	2.44
4/9/2021 10:18 AM	0.221	1.515	2.478
4/9/2021 10:24 AM	0.227	1.497	2.512
4/9/2021 10:30 AM	0.232	1.473	2.535
4/9/2021 10:36 AM	0.238	1.46	2.563
4/9/2021 10:42 AM	0.244	1.421	2.582

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/9/2021 10:48 AM	0.247	1.41	2.62
4/9/2021 10:54 AM	0.252	1.431	2.64
4/9/2021 11:00 AM	0.264	1.455	2.66
4/9/2021 11:06 AM	0.281	1.468	2.672
4/9/2021 11:12 AM	0.288	1.422	2.682
4/9/2021 11:18 AM	0.281	1.338	2.67
4/9/2021 11:24 AM	0.266	1.308	2.687
4/9/2021 11:30 AM	0.229	1.291	2.705
4/9/2021 11:36 AM	6.671	1.379	2.719
4/9/2021 11:42 AM	9.864	1.509	2.725
4/9/2021 11:48 AM	4.677	1.497	2.726
4/9/2021 11:54 AM	2.687	1.399	2.764
4/9/2021 12:00 PM	1.595	1.332	2.739
4/9/2021 12:06 PM	0.377	1.269	2.664
4/9/2021 12:12 PM	0.251	1.287	2.69
4/9/2021 12:18 PM	0.174	1.281	2.697
4/9/2021 12:24 PM	0.151	1.298	2.701
4/9/2021 12:30 PM	0.147	1.332	2.704
4/9/2021 12:36 PM	0.138	1.367	2.688
4/9/2021 12:42 PM	0.126	1.326	2.686
4/9/2021 12:48 PM	0.111	1.28	2.691
4/9/2021 12:54 PM	0.094	1.277	2.682
4/9/2021 1:00 PM	0.089	1.27	2.652
4/9/2021 1:06 PM	0.083	1.261	2.67
4/9/2021 1:12 PM	0.085	1.24	2.688
4/9/2021 1:18 PM	0.102	1.265	2.677
4/9/2021 1:24 PM	0.117	1.258	2.679
4/9/2021 1:30 PM	0.126	1.236	2.733
4/9/2021 1:36 PM	0.145	1.276	2.701
4/9/2021 1:42 PM	0.154	1.284	2.674
4/9/2021 1:48 PM	0.147	1.262	2.676
4/9/2021 1:54 PM	0.138	1.292	2.685
4/9/2021 2:00 PM	0.144	1.265	2.699
4/9/2021 2:06 PM	0.147	1.221	2.702
4/9/2021 2:12 PM	0.142	1.256	2.697
4/9/2021 2:18 PM	0.148	1.275	2.709
4/9/2021 2:24 PM	0.152	1.25	2.708
4/9/2021 2:30 PM	0.157	1.213	2.742
4/9/2021 2:36 PM	0.164	1.171	2.759
4/9/2021 2:42 PM	0.15	1.217	2.737
4/9/2021 2:48 PM	0.14	1.248	2.724
4/9/2021 2:54 PM	0.127	1.219	2.71
4/9/2021 3:00 PM	0.12	1.222	2.704
4/9/2021 3:06 PM	0.115	1.194	2.74
4/9/2021 3:12 PM	0.118	1.211	2.762
4/9/2021 3:18 PM	0.118	1.227	2.767
4/9/2021 3:24 PM	0.107	1.228	2.757
4/9/2021 3:30 PM	0.101	1.223	2.747
4/9/2021 3:36 PM	0.112	1.229	2.755
4/9/2021 3:42 PM	0.122	1.241	2.744
4/9/2021 3:48 PM	0.13	1.21	2.727
4/9/2021 3:54 PM	0.129	1.208	2.702

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/9/2021 4:00 PM	0.117	1.255	2.703
4/9/2021 4:06 PM	0.11	1.294	2.486
4/9/2021 4:12 PM	0.133	1.267	1.973
4/9/2021 4:18 PM	0.186	1.261	1.78
4/9/2021 4:24 PM	0.219	1.267	1.738
4/9/2021 4:30 PM	0.214	1.249	1.706
4/9/2021 4:36 PM	0.19	1.226	1.674
4/9/2021 4:42 PM	0.179	1.212	1.657
4/9/2021 4:48 PM	0.158	1.252	1.655
4/9/2021 4:54 PM	0.139	1.296	1.647
4/9/2021 5:00 PM	0.114	1.28	1.64
4/9/2021 5:06 PM	0.103	1.274	1.612
4/9/2021 5:12 PM	0.102	1.293	1.655
4/9/2021 5:18 PM	0.104	1.3	1.69
4/9/2021 5:24 PM	0.104	1.321	1.609
4/9/2021 5:30 PM	0.115	1.316	1.579
4/9/2021 5:36 PM	0.116	1.378	1.574
4/9/2021 5:42 PM	0.11	1.39	1.584
4/9/2021 5:48 PM	0.123	1.379	1.55
4/9/2021 5:54 PM	0.131	1.362	1.567
4/9/2021 6:00 PM	0.139	1.358	1.569
4/9/2021 6:06 PM	0.141	1.399	1.585
4/9/2021 6:12 PM	0.145	1.418	1.581
4/9/2021 6:18 PM	0.146	1.411	1.552
4/9/2021 6:24 PM	0.146	1.428	1.591
4/9/2021 6:30 PM	0.145	1.426	1.585
4/9/2021 6:36 PM	0.146	1.421	1.556
4/9/2021 6:42 PM	0.15	1.387	1.555
4/9/2021 6:48 PM	0.159	1.333	1.55
4/9/2021 6:54 PM	0.168	1.295	1.573
4/9/2021 7:00 PM	0.17	1.252	1.563
4/9/2021 7:06 PM	0.169	1.229	1.575
4/9/2021 7:12 PM	0.171	1.235	1.589
4/9/2021 7:18 PM	0.159	1.239	1.587
4/9/2021 7:24 PM	0.145	1.209	1.579
4/9/2021 7:30 PM	0.149	1.202	1.626
4/9/2021 7:36 PM	0.151	1.236	1.617
4/9/2021 7:42 PM	0.155	1.28	1.601
4/9/2021 7:48 PM	0.157	1.312	1.586
4/9/2021 7:54 PM	0.155	1.297	1.58
4/9/2021 8:00 PM	0.144	1.288	1.554
4/9/2021 8:06 PM	0.138	1.307	1.573
4/9/2021 8:12 PM	0.151	1.283	1.593
4/9/2021 8:18 PM	0.157	1.201	1.58
4/9/2021 8:24 PM	0.148	1.171	1.559
4/9/2021 8:30 PM	0.146	1.208	1.578
4/9/2021 8:36 PM	0.162	1.217	1.577
4/9/2021 8:42 PM	0.164	1.205	1.582
4/9/2021 8:48 PM	0.158	1.233	1.582
4/9/2021 8:54 PM	0.166	1.215	1.6
4/9/2021 9:00 PM	0.172	1.203	1.655
4/9/2021 9:06 PM	0.175	1.212	1.664

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/9/2021 9:12 PM	0.185	1.246	1.663
4/9/2021 9:18 PM	0.183	1.289	1.665
4/9/2021 9:24 PM	0.183	1.304	1.658
4/9/2021 9:30 PM	0.18	1.352	1.662
4/9/2021 9:36 PM	0.178	1.407	1.666
4/9/2021 9:42 PM	0.168	1.345	1.673
4/9/2021 9:48 PM	0.165	1.222	1.673
4/9/2021 9:54 PM	0.167	1.196	1.67
4/9/2021 10:00 PM	0.164	0.899	1.791
4/9/2021 10:06 PM	0.179	0.669	1.867
4/9/2021 10:12 PM	0.187	1.027	1.825
4/9/2021 10:18 PM	0.193	0.951	1.815
4/9/2021 10:24 PM	0.194	0.621	1.794
4/9/2021 10:30 PM	0.202	0.49	1.8
4/9/2021 10:36 PM	0.21	0.462	1.798
4/9/2021 10:42 PM	0.202	0.389	1.783
4/9/2021 10:48 PM	0.186	0.352	1.794
4/9/2021 10:54 PM	0.187	0.323	1.797
4/9/2021 11:00 PM	0.184	0.276	1.804
4/9/2021 11:06 PM	0.169	0.296	1.818
4/9/2021 11:12 PM	0.154	0.305	1.813
4/9/2021 11:18 PM	0.147	0.326	1.821
4/9/2021 11:24 PM	0.148	0.371	1.816
4/9/2021 11:30 PM	0.148	0.397	1.837
4/9/2021 11:36 PM	0.149	0.38	1.854
4/9/2021 11:42 PM	0.141	0.347	1.831
4/9/2021 11:48 PM	0.135	0.34	1.838
4/9/2021 11:54 PM	0.136	0.331	1.849
4/10/2021 12:00 AM	0.144	0.379	1.856
4/10/2021 12:06 AM	0.157	0.39	1.855
4/10/2021 12:12 AM	0.16	0.363	1.836
4/10/2021 12:18 AM	0.162	0.353	1.839
4/10/2021 12:24 AM	0.163	0.339	1.863
4/10/2021 12:30 AM	0.167	0.338	1.88
4/10/2021 12:36 AM	0.169	0.342	1.886
4/10/2021 12:42 AM	0.17	0.356	1.854
4/10/2021 12:48 AM	0.168	0.381	1.85
4/10/2021 12:54 AM	0.17	0.415	1.864
4/10/2021 1:00 AM	0.176	0.439	1.851
4/10/2021 1:06 AM	0.184	0.468	1.839
4/10/2021 1:12 AM	0.196	0.47	1.847
4/10/2021 1:18 AM	0.202	0.46	1.849
4/10/2021 1:24 AM	0.204	0.446	1.839
4/10/2021 1:30 AM	0.21	0.43	1.844
4/10/2021 1:36 AM	0.224	0.436	1.841
4/10/2021 1:42 AM	0.236	0.431	1.84
4/10/2021 1:48 AM	0.239	0.428	1.813
4/10/2021 1:54 AM	0.24	0.448	1.809
4/10/2021 2:00 AM	0.247	0.458	1.834
4/10/2021 2:06 AM	0.253	0.45	1.851
4/10/2021 2:12 AM	0.259	0.435	1.846
4/10/2021 2:18 AM	0.265	0.445	1.867

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/10/2021 2:24 AM	0.269	0.466	1.855
4/10/2021 2:30 AM	0.275	0.473	1.83
4/10/2021 2:36 AM	0.28	0.477	1.845
4/10/2021 2:42 AM	0.279	0.477	1.852
4/10/2021 2:48 AM	0.275	0.467	1.839
4/10/2021 2:54 AM	0.28	0.472	1.832
4/10/2021 3:00 AM	0.286	0.459	1.835
4/10/2021 3:06 AM	0.286	0.454	1.838
4/10/2021 3:12 AM	0.289	0.471	1.853
4/10/2021 3:18 AM	0.292	0.48	1.866
4/10/2021 3:24 AM	0.297	0.504	1.88
4/10/2021 3:30 AM	0.3	0.507	1.885
4/10/2021 3:36 AM	0.302	0.505	1.875
4/10/2021 3:42 AM	0.31	0.507	1.859
4/10/2021 3:48 AM	0.314	0.543	1.867
4/10/2021 3:54 AM	0.315	0.56	1.882
4/10/2021 4:00 AM	0.319	0.565	1.884
4/10/2021 4:06 AM	0.33	0.536	1.884
4/10/2021 4:12 AM	0.336	0.539	1.896
4/10/2021 4:18 AM	0.334	0.579	1.888
4/10/2021 4:24 AM	0.335	0.585	1.882
4/10/2021 4:30 AM	0.335	0.643	1.767
4/10/2021 4:36 AM	0.336	0.708	1.517
4/10/2021 4:42 AM	0.341	0.666	1.401
4/10/2021 4:48 AM	0.343	0.627	1.402
4/10/2021 4:54 AM	0.337	0.61	1.401
4/10/2021 5:00 AM	0.339	0.593	1.415
4/10/2021 5:06 AM	0.346	0.607	1.435
4/10/2021 5:12 AM	0.352	0.593	1.453
4/10/2021 5:18 AM	0.35	0.596	1.479
4/10/2021 5:24 AM	0.353	0.646	1.509
4/10/2021 5:30 AM	0.352	0.671	1.538
4/10/2021 5:36 AM	0.349	0.681	1.585
4/10/2021 5:42 AM	0.362	0.659	1.603
4/10/2021 5:48 AM	0.363	0.636	1.641
4/10/2021 5:54 AM	0.358	0.622	1.65
4/10/2021 6:00 AM	0.356	0.616	1.684
4/10/2021 6:06 AM	0.362	0.605	1.664
4/10/2021 6:12 AM	0.37	0.594	1.653
4/10/2021 6:18 AM	0.364	0.62	1.702
4/10/2021 6:24 AM	0.35	0.626	1.724
4/10/2021 6:30 AM	0.35	0.638	1.739
4/10/2021 6:36 AM	0.341	0.65	1.742
4/10/2021 6:42 AM	0.33	0.66	1.727
4/10/2021 6:48 AM	0.334	0.678	1.729
4/10/2021 6:54 AM	0.329	0.727	1.741
4/10/2021 7:00 AM	0.321	0.738	1.737
4/10/2021 7:06 AM	0.326	0.725	1.717
4/10/2021 7:12 AM	0.33	0.701	1.689
4/10/2021 7:18 AM	0.33	0.698	1.703
4/10/2021 7:24 AM	0.34	0.699	1.757
4/10/2021 7:30 AM	0.345	0.684	1.819

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/10/2021 7:36 AM	0.343	0.665	1.855
4/10/2021 7:42 AM	8.168	0.67	1.856
4/10/2021 7:48 AM	8.345	0.702	1.842
4/10/2021 7:54 AM	6.728	0.704	1.883
4/10/2021 8:00 AM	5.274	0.666	1.744
4/10/2021 8:06 AM	4.42	0.669	1.535
4/10/2021 8:12 AM	3.815	0.671	1.528
4/10/2021 8:18 AM	2.48	0.681	1.523
4/10/2021 8:24 AM	1.994	0.695	1.534
4/10/2021 8:30 AM	1.829	0.696	1.519
4/10/2021 8:36 AM	1.795	4.269	1.524
4/10/2021 8:42 AM	1.791	8.69	1.347
4/10/2021 8:48 AM	1.859	6.529	0.218
4/10/2021 8:54 AM	1.898	4.141	-0.67
4/10/2021 9:00 AM	1.878	3.477	-0.734
4/10/2021 9:06 AM	1.816	3.303	-0.731
4/10/2021 9:12 AM	1.728	2.931	-0.727
4/10/2021 9:18 AM	1.675	2.721	-0.726
4/10/2021 9:24 AM	1.569	2.487	-0.737
4/10/2021 9:30 AM	1.421	2.102	-0.75
4/10/2021 9:36 AM	1.241	1.866	-0.738
4/10/2021 9:42 AM	1.094	1.719	-0.735
4/10/2021 9:48 AM	1.069	1.582	-0.738
4/10/2021 9:54 AM	1.149	1.532	-0.733
4/10/2021 10:00 AM	1.366	1.504	-0.754
4/10/2021 10:06 AM	1.507	1.469	-0.752
4/10/2021 10:12 AM	1.572	1.452	-0.752
4/10/2021 10:18 AM	1.635	1.43	-0.76
4/10/2021 10:24 AM	1.689	1.448	-0.75
4/10/2021 10:30 AM	1.698	1.442	-0.724
4/10/2021 10:36 AM	1.71	1.373	-0.719
4/10/2021 10:42 AM	1.685	1.391	-0.731
4/10/2021 10:48 AM	1.628	1.392	-0.721
4/10/2021 10:54 AM	1.58	1.383	-0.733
4/10/2021 11:00 AM	1.495	1.383	-0.757
4/10/2021 11:06 AM	1.482	1.346	-0.757
4/10/2021 11:12 AM	1.48	1.363	-0.746
4/10/2021 11:18 AM	1.347	1.405	-0.732
4/10/2021 11:24 AM	1.228	1.365	-0.732
4/10/2021 11:30 AM	1.116	1.331	-0.738
4/10/2021 11:36 AM	0.993	1.325	-0.738
4/10/2021 11:42 AM	0.962	1.322	-0.753
4/10/2021 11:48 AM	0.95	1.348	-0.771
4/10/2021 11:54 AM	0.895	1.377	-0.76
4/10/2021 12:00 PM	0.822	1.349	-0.759
4/10/2021 12:06 PM	0.708	1.324	-0.785
4/10/2021 12:12 PM	0.718	1.354	-0.776
4/10/2021 12:18 PM	0.706	1.388	-0.761
4/10/2021 12:24 PM	0.673	1.41	-0.757
4/10/2021 12:30 PM	0.683	1.45	-0.761
4/10/2021 12:36 PM	0.703	1.428	-0.769
4/10/2021 12:42 PM	0.723	1.426	-0.771

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/10/2021 12:48 PM	0.773	1.419	-0.77
4/10/2021 12:54 PM	0.815	1.437	-0.781
4/10/2021 1:00 PM	0.859	1.402	-0.779
4/10/2021 1:06 PM	0.896	1.377	-0.763
4/10/2021 1:12 PM	0.922	1.337	-0.781
4/10/2021 1:18 PM	0.937	1.259	-0.794
4/10/2021 1:24 PM	0.904	1.271	-0.789
4/10/2021 1:30 PM	0.894	1.283	-0.797
4/10/2021 1:36 PM	0.894	1.236	-0.795
4/10/2021 1:42 PM	0.876	1.215	-0.778
4/10/2021 1:48 PM	0.876	1.192	-0.774
4/10/2021 1:54 PM	0.888	1.228	-0.775
4/10/2021 2:00 PM	0.923	1.302	-0.782
4/10/2021 2:06 PM	0.947	1.342	-0.791
4/10/2021 2:12 PM	0.965	1.383	-0.788
4/10/2021 2:18 PM	0.963	1.311	-0.784
4/10/2021 2:24 PM	0.945	1.252	-0.786
4/10/2021 2:30 PM	0.968	1.278	-0.778
4/10/2021 2:36 PM	0.975	1.237	-0.776
4/10/2021 2:42 PM	0.942	1.242	-0.794
4/10/2021 2:48 PM	0.942	1.249	-0.807
4/10/2021 2:54 PM	0.948	1.237	-0.798
4/10/2021 3:00 PM	0.973	1.26	-0.79
4/10/2021 3:06 PM	1.024	1.278	-0.792
4/10/2021 3:12 PM	1.006	1.267	-0.787
4/10/2021 3:18 PM	0.97	1.236	-0.778
4/10/2021 3:24 PM	0.949	1.183	-0.783
4/10/2021 3:30 PM	0.92	1.193	-0.782
4/10/2021 3:36 PM	0.965	1.212	-0.774
4/10/2021 3:42 PM	0.986	1.191	-0.766
4/10/2021 3:48 PM	1.002	1.193	-0.781
4/10/2021 3:54 PM	1.017	1.182	-0.772
4/10/2021 4:00 PM	0.994	1.166	-0.766
4/10/2021 4:06 PM	1.008	1.173	-0.77
4/10/2021 4:12 PM	0.956	1.152	-0.759
4/10/2021 4:18 PM	0.907	1.089	-0.752
4/10/2021 4:24 PM	0.886	1.113	-0.761
4/10/2021 4:30 PM	0.881	1.143	-0.769
4/10/2021 4:36 PM	0.929	1.131	-0.773
4/10/2021 4:42 PM	0.973	1.124	-0.781
4/10/2021 4:48 PM	1.003	1.105	-0.769
4/10/2021 4:54 PM	1.048	1.142	-0.75
4/10/2021 5:00 PM	1.038	1.212	-0.751
4/10/2021 5:06 PM	1.001	1.216	-0.762
4/10/2021 5:12 PM	0.985	1.182	-0.756
4/10/2021 5:18 PM	0.97	1.228	-0.758
4/10/2021 5:24 PM	0.96	1.238	-0.765
4/10/2021 5:30 PM	0.979	1.184	-0.756
4/10/2021 5:36 PM	1.128	1.113	-0.748
4/10/2021 5:42 PM	1.386	1.07	-0.754
4/10/2021 5:48 PM	1.521	1.067	-0.754
4/10/2021 5:54 PM	1.541	1.082	-0.744

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/10/2021 6:00 PM	1.516	1.081	-0.74
4/10/2021 6:06 PM	1.523	1.09	-0.739
4/10/2021 6:12 PM	1.487	1.104	-0.735
4/10/2021 6:18 PM	1.499	1.087	-0.732
4/10/2021 6:24 PM	1.535	1.068	-0.729
4/10/2021 6:30 PM	1.457	1.032	-0.726
4/10/2021 6:36 PM	1.353	1.021	-0.726
4/10/2021 6:42 PM	1.384	1.077	-0.728
4/10/2021 6:48 PM	1.429	1.114	-0.732
4/10/2021 6:54 PM	1.426	1.119	-0.729
4/10/2021 7:00 PM	1.378	1.144	-0.718
4/10/2021 7:06 PM	1.324	1.08	-0.715
4/10/2021 7:12 PM	1.312	1.043	-0.712
4/10/2021 7:18 PM	1.356	1.024	-0.704
4/10/2021 7:24 PM	1.372	1.012	-0.705
4/10/2021 7:30 PM	1.345	1.056	-0.702
4/10/2021 7:36 PM	1.303	1.09	-0.701
4/10/2021 7:42 PM	1.29	1.085	-0.697
4/10/2021 7:48 PM	1.262	1.054	-0.691
4/10/2021 7:54 PM	1.238	1.071	-0.69
4/10/2021 8:00 PM	1.249	1.094	-0.698
4/10/2021 8:06 PM	1.241	1.107	-0.7
4/10/2021 8:12 PM	1.22	1.164	-0.694
4/10/2021 8:18 PM	1.207	1.136	-0.692
4/10/2021 8:24 PM	1.231	1.128	-0.687
4/10/2021 8:30 PM	1.266	1.119	-0.677
4/10/2021 8:36 PM	1.238	1.111	-0.679
4/10/2021 8:42 PM	1.247	1.085	-0.678
4/10/2021 8:48 PM	1.265	1.144	-0.679
4/10/2021 8:54 PM	1.269	1.19	-0.686
4/10/2021 9:00 PM	1.32	1.114	-0.672
4/10/2021 9:06 PM	1.322	1.055	-0.675
4/10/2021 9:12 PM	1.275	1.056	-0.672
4/10/2021 9:18 PM	1.234	1.095	-0.674
4/10/2021 9:24 PM	1.14	1.103	-0.671
4/10/2021 9:30 PM	1.091	1.063	-0.667
4/10/2021 9:36 PM	1.07	1.076	-0.666
4/10/2021 9:42 PM	1.045	1.132	-0.664
4/10/2021 9:48 PM	1.049	1.161	-0.657
4/10/2021 9:54 PM	1.087	1.123	-0.654
4/10/2021 10:00 PM	1.106	1.089	-0.649
4/10/2021 10:06 PM	1.101	1.072	-0.641
4/10/2021 10:12 PM	1.104	1.06	-0.647
4/10/2021 10:18 PM	1.099	1.099	-0.651
4/10/2021 10:24 PM	1.061	1.098	-0.655
4/10/2021 10:30 PM	1.025	1.068	-0.65
4/10/2021 10:36 PM	1.056	1.08	-0.647
4/10/2021 10:42 PM	1.094	1.062	-0.647
4/10/2021 10:48 PM	1.102	1.089	-0.642
4/10/2021 10:54 PM	1.131	1.096	-0.647
4/10/2021 11:00 PM	1.128	1.049	-0.655
4/10/2021 11:06 PM	1.118	1.069	-0.654

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/10/2021 11:12 PM	1.117	1.059	-0.653
4/10/2021 11:18 PM	1.098	1.047	-0.65
4/10/2021 11:24 PM	1.109	1.097	-0.633
4/10/2021 11:30 PM	1.171	1.161	-0.634
4/10/2021 11:36 PM	1.222	1.093	-0.635
4/10/2021 11:42 PM	1.207	1.085	-0.636
4/10/2021 11:48 PM	1.034	1.474	-0.642
4/10/2021 11:54 PM	0.371	1.963	-0.64
4/11/2021 12:00 AM	-0.058	1.828	-0.64
4/11/2021 12:06 AM	-0.165	1.588	-0.631
4/11/2021 12:12 AM	-0.355	1.472	-0.623
4/11/2021 12:18 AM	-0.381	1.471	-0.629
4/11/2021 12:24 AM	-0.355	1.48	-0.619
4/11/2021 12:30 AM	-0.357	1.482	-0.61
4/11/2021 12:36 AM	-0.299	1.495	-0.606
4/11/2021 12:42 AM	-0.248	1.491	-0.607
4/11/2021 12:48 AM	-0.213	1.484	-0.612
4/11/2021 12:54 AM	-0.162	1.445	-0.61
4/11/2021 1:00 AM	-0.151	1.425	-0.611
4/11/2021 1:06 AM	-0.16	1.451	-0.599
4/11/2021 1:12 AM	-0.121	1.471	-0.581
4/11/2021 1:18 AM	-0.066	1.45	-0.566
4/11/2021 1:24 AM	-0.026	1.458	-0.548
4/11/2021 1:30 AM	-0.002	1.473	-0.538
4/11/2021 1:36 AM	-0.008	1.445	-0.542
4/11/2021 1:42 AM	-0.011	1.421	-0.544
4/11/2021 1:48 AM	-0.001	1.411	-0.549
4/11/2021 1:54 AM	0.016	1.351	-0.547
4/11/2021 2:00 AM	0.01	1.334	-0.538
4/11/2021 2:06 AM	0.03	1.37	-0.534
4/11/2021 2:12 AM	0.003	1.389	-0.535
4/11/2021 2:18 AM	0.043	1.408	-0.525
4/11/2021 2:24 AM	0.118	1.461	-0.508
4/11/2021 2:30 AM	0.097	1.447	-0.501
4/11/2021 2:36 AM	0.067	1.459	-0.507
4/11/2021 2:42 AM	0.076	1.441	-0.506
4/11/2021 2:48 AM	0.105	1.395	-0.504
4/11/2021 2:54 AM	0.102	1.444	-0.498
4/11/2021 3:00 AM	0.104	1.48	-0.502
4/11/2021 3:06 AM	0.149	1.458	-0.502
4/11/2021 3:12 AM	0.152	1.45	-0.508
4/11/2021 3:18 AM	0.157	1.462	-0.515
4/11/2021 3:24 AM	0.175	1.487	-0.513
4/11/2021 3:30 AM	0.169	1.48	-0.498
4/11/2021 3:36 AM	0.193	1.414	-0.499
4/11/2021 3:42 AM	0.2	1.363	-0.505
4/11/2021 3:48 AM	0.218	1.365	-0.519
4/11/2021 3:54 AM	0.241	1.411	-0.527
4/11/2021 4:00 AM	0.244	1.452	-0.523
4/11/2021 4:06 AM	0.245	1.458	-0.517
4/11/2021 4:12 AM	0.274	1.481	-0.511

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/11/2021 4:18 AM	0.281	1.496	-0.514
4/11/2021 4:24 AM	0.259	1.508	-0.508
4/11/2021 4:30 AM	0.272	1.538	-0.499
4/11/2021 4:36 AM	0.274	1.513	-0.494
4/11/2021 4:42 AM	0.28	1.473	-0.498
4/11/2021 4:48 AM	0.302	1.561	-0.496
4/11/2021 4:54 AM	0.307	1.698	3.201
4/11/2021 5:00 AM	0.31	1.704	3.737
4/11/2021 5:06 AM	0.279	1.619	0.058
4/11/2021 5:12 AM	0.269	1.623	-0.368
4/11/2021 5:18 AM	0.27	1.659	-0.482
4/11/2021 5:24 AM	0.269	1.676	-0.502
4/11/2021 5:30 AM	0.306	1.709	-0.503
4/11/2021 5:36 AM	0.318	1.708	-0.512
4/11/2021 5:42 AM	0.311	1.758	-0.517
4/11/2021 5:48 AM	0.313	1.746	-0.522
4/11/2021 5:54 AM	0.316	1.681	-0.529
4/11/2021 6:00 AM	0.311	1.65	-0.531
4/11/2021 6:06 AM	0.307	1.676	-0.526
4/11/2021 6:12 AM	0.334	1.697	-0.525
4/11/2021 6:18 AM	0.355	1.727	-0.523
4/11/2021 6:24 AM	0.363	1.739	-0.52
4/11/2021 6:30 AM	0.357	1.718	-0.515
4/11/2021 6:36 AM	0.34	1.706	-0.518
4/11/2021 6:42 AM	0.351	1.688	-0.519
4/11/2021 6:48 AM	0.372	1.713	-0.514
4/11/2021 6:54 AM	0.365	1.697	-0.512
4/11/2021 7:00 AM	0.36	1.615	-0.516
4/11/2021 7:06 AM	0.359	1.605	-0.518
4/11/2021 7:12 AM	0.369	1.625	-0.519
4/11/2021 7:18 AM	0.394	1.771	-0.513
4/11/2021 7:24 AM	0.409	1.78	-0.509
4/11/2021 7:30 AM	0.409	1.992	-0.509
4/11/2021 7:36 AM	0.399	3.002	-0.508
4/11/2021 7:42 AM	0.389	3.23	-0.504
4/11/2021 7:48 AM	0.41	2.855	-0.502
4/11/2021 7:54 AM	0.398	2.808	-0.504
4/11/2021 8:00 AM	0.385	2.837	-0.511
4/11/2021 8:06 AM	0.386	2.787	-0.515
4/11/2021 8:12 AM	0.398	2.804	-0.521
4/11/2021 8:18 AM	0.423	2.884	-0.519
4/11/2021 8:24 AM	0.419	2.925	-0.514
4/11/2021 8:30 AM	0.446	2.879	-0.5
4/11/2021 8:36 AM	0.474	3.308	-0.47
4/11/2021 8:42 AM	2.665	3.575	-0.44
4/11/2021 8:48 AM	3.895	2.937	-0.409
4/11/2021 8:54 AM	2.537	1.76	-0.387
4/11/2021 9:00 AM	2.237	1.378	-0.378
4/11/2021 9:06 AM	2.182	1.476	-0.378
4/11/2021 9:12 AM	2.188	1.534	-0.376
4/11/2021 9:18 AM	2.133	1.515	-0.363

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/11/2021 9:24 AM	2.055	1.505	-0.357
4/11/2021 9:30 AM	1.958	1.566	-0.362
4/11/2021 9:36 AM	1.815	1.612	-0.368
4/11/2021 9:42 AM	1.566	1.67	-0.371
4/11/2021 9:48 AM	1.309	1.678	-0.371
4/11/2021 9:54 AM	1.272	1.665	-0.366
4/11/2021 10:00 AM	1.421	1.696	-0.359
4/11/2021 10:06 AM	1.555	1.767	-0.356
4/11/2021 10:12 AM	1.573	1.78	-0.362
4/11/2021 10:18 AM	1.493	1.799	-0.367
4/11/2021 10:24 AM	1.286	1.811	-0.368
4/11/2021 10:30 AM	1.043	1.786	-0.372
4/11/2021 10:36 AM	0.954	1.86	-0.382
4/11/2021 10:42 AM	1.161	1.935	-0.396
4/11/2021 10:48 AM	1.367	1.976	-0.399
4/11/2021 10:54 AM	1.443	2.074	-0.396
4/11/2021 11:00 AM	1.43	2.076	-0.395
4/11/2021 11:06 AM	1.356	2.034	-0.393
4/11/2021 11:12 AM	1.272	1.99	-0.39
4/11/2021 11:18 AM	1.149	1.894	-0.393
4/11/2021 11:24 AM	0.91	1.658	-0.396
4/11/2021 11:30 AM	0.679	1.549	-0.386
4/11/2021 11:36 AM	0.565	1.529	-0.378
4/11/2021 11:42 AM	0.495	1.52	-0.367
4/11/2021 11:48 AM	0.458	1.583	-0.353
4/11/2021 11:54 AM	0.461	1.631	-0.35
4/11/2021 12:00 PM	0.386	1.701	-0.417
4/11/2021 12:06 PM	0.215	1.737	-0.554
4/11/2021 12:12 PM	0.236	1.64	-0.548
4/11/2021 12:18 PM	0.269	1.55	-0.539
4/11/2021 12:24 PM	0.282	1.529	-0.522
4/11/2021 12:30 PM	0.204	1.421	-0.514
4/11/2021 12:36 PM	0.148	1.385	-0.513
4/11/2021 12:42 PM	0.157	1.416	-0.518
4/11/2021 12:48 PM	0.154	1.448	-0.527
4/11/2021 12:54 PM	0.187	1.474	-0.536
4/11/2021 1:00 PM	0.362	1.937	-0.535
4/11/2021 1:06 PM	1.478	3.119	-0.53
4/11/2021 1:12 PM	2.078	3.889	-0.525
4/11/2021 1:18 PM	1.495	3.373	-0.529
4/11/2021 1:24 PM	1.265	3.032	-0.532
4/11/2021 1:30 PM	1.097	2.908	-0.53
4/11/2021 1:36 PM	0.911	2.891	-0.525
4/11/2021 1:42 PM	0.863	2.85	-0.526
4/11/2021 1:48 PM	0.915	2.886	-0.524
4/11/2021 1:54 PM	0.934	2.97	-0.515
4/11/2021 2:00 PM	1.083	3.058	-0.51
4/11/2021 2:06 PM	1.331	3.156	-0.509
4/11/2021 2:12 PM	1.261	3.179	-0.508
4/11/2021 2:18 PM	1.167	3.137	-0.498
4/11/2021 2:24 PM	1.116	3.066	-0.496
4/11/2021 2:30 PM	1.049	2.978	1.709
4/11/2021 2:36 PM	0.988	2.889	5.935
4/11/2021 2:42 PM	0.933	2.784	5.135

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/11/2021 2:48 PM	0.904	2.735	3.246
4/11/2021 2:54 PM	0.886	2.574	3.29
4/11/2021 3:00 PM	0.883	2.475	2.838
4/11/2021 3:06 PM	0.861	2.475	1.788
4/11/2021 3:12 PM	0.836	2.456	1.339
4/11/2021 3:18 PM	0.813	2.428	1.201
4/11/2021 3:24 PM	0.606	2.239	1.102
4/11/2021 3:30 PM	0.465	2.337	1.059
4/11/2021 3:36 PM	0.537	2.524	1.127
4/11/2021 3:42 PM	0.666	2.926	1.218
4/11/2021 3:48 PM	0.695	2.989	1.24
4/11/2021 3:54 PM	0.727	2.823	1.287
4/11/2021 4:00 PM	0.73	2.739	1.265
4/11/2021 4:06 PM	0.724	2.696	1.141
4/11/2021 4:12 PM	0.705	2.749	1.114
4/11/2021 4:18 PM	0.709	2.707	1.169
4/11/2021 4:24 PM	0.779	2.621	1.205
4/11/2021 4:30 PM	0.795	2.623	1.168
4/11/2021 4:36 PM	0.791	2.736	1.158
4/11/2021 4:42 PM	0.812	2.81	1.132
4/11/2021 4:48 PM	0.79	2.931	1.581
4/11/2021 4:54 PM	0.799	2.838	1.897
4/11/2021 5:00 PM	0.812	2.606	1.746
4/11/2021 5:06 PM	0.777	2.343	1.463
4/11/2021 5:12 PM	0.789	2.347	1.498
4/11/2021 5:18 PM	0.867	2.583	1.738
4/11/2021 5:24 PM	0.834	2.471	1.679
4/11/2021 5:30 PM	0.73	2.219	1.546
4/11/2021 5:36 PM	0.721	2.176	1.547
4/11/2021 5:42 PM	0.823	2.404	1.675
4/11/2021 5:48 PM	0.872	2.548	1.758
4/11/2021 5:54 PM	0.819	2.521	1.738
4/11/2021 6:00 PM	0.746	2.478	1.707
4/11/2021 6:06 PM	0.726	2.496	1.654
4/11/2021 6:12 PM	0.708	2.557	1.596
4/11/2021 6:18 PM	0.693	2.555	1.524
4/11/2021 6:24 PM	0.633	2.46	1.334
4/11/2021 6:30 PM	0.61	2.452	0.616
4/11/2021 6:36 PM	0.691	2.72	-0.258
4/11/2021 6:42 PM	0.701	2.86	-0.613
4/11/2021 6:48 PM	0.636	2.816	-0.608
4/11/2021 6:54 PM	0.63	2.75	-0.617
4/11/2021 7:00 PM	0.664	2.616	-0.63
4/11/2021 7:06 PM	0.683	2.569	-0.63
4/11/2021 7:12 PM	0.667	2.47	-0.627
4/11/2021 7:18 PM	0.641	2.416	-0.615
4/11/2021 7:24 PM	0.63	2.425	-0.634
4/11/2021 7:30 PM	0.606	2.468	-0.64
4/11/2021 7:36 PM	0.628	2.544	-0.622
4/11/2021 7:42 PM	0.621	2.583	-0.623
4/11/2021 7:48 PM	0.593	2.645	-0.625
4/11/2021 7:54 PM	0.75	3.085	-0.617
4/11/2021 8:00 PM	0.727	3.606	-0.619
4/11/2021 8:06 PM	0.313	3.473	-0.628

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/11/2021 8:12 PM	0.161	3.432	-0.613
4/11/2021 8:18 PM	0.088	3.309	-0.6
4/11/2021 8:24 PM	0.042	2.057	-0.597
4/11/2021 8:30 PM	0.053	1.125	-0.597
4/11/2021 8:36 PM	0.058	1.11	-0.598
4/11/2021 8:42 PM	0.027	1.195	-0.589
4/11/2021 8:48 PM	0.002	1.252	-0.589
4/11/2021 8:54 PM	0.017	1.256	-0.583
4/11/2021 9:00 PM	0.02	1.313	-0.579
4/11/2021 9:06 PM	-0.017	1.419	-0.586
4/11/2021 9:12 PM	0.021	1.406	-0.593
4/11/2021 9:18 PM	0.056	1.406	-0.597
4/11/2021 9:24 PM	0.023	1.377	-0.596
4/11/2021 9:30 PM	0.05	1.348	-0.582
4/11/2021 9:36 PM	0.228	1.8	-0.584
4/11/2021 9:42 PM	0.442	2.207	-0.574
4/11/2021 9:48 PM	0.766	3.181	-0.57
4/11/2021 9:54 PM	0.905	3.864	-0.568
4/11/2021 10:00 PM	0.82	3.533	-0.558
4/11/2021 10:06 PM	0.769	3.453	-0.556
4/11/2021 10:12 PM	0.772	3.494	-0.558
4/11/2021 10:18 PM	0.729	3.551	-0.571
4/11/2021 10:24 PM	0.665	3.44	-0.577
4/11/2021 10:30 PM	0.638	3.367	-0.576
4/11/2021 10:36 PM	0.607	3.368	-0.585
4/11/2021 10:42 PM	0.562	3.306	-0.557
4/11/2021 10:48 PM	0.552	3.254	-0.551
4/11/2021 10:54 PM	0.541	3.243	-0.567
4/11/2021 11:00 PM	0.58	3.25	-0.571
4/11/2021 11:06 PM	0.602	3.273	-0.566
4/11/2021 11:12 PM	0.544	2.632	-0.566
4/11/2021 11:18 PM	0.493	1.759	-0.57
4/11/2021 11:24 PM	0.457	1.504	-0.577
4/11/2021 11:30 PM	0.431	1.543	-0.567
4/11/2021 11:36 PM	0.175	1.741	-0.556
4/11/2021 11:42 PM	-0.061	1.761	-0.548
4/11/2021 11:48 PM	-0.122	1.697	-0.561
4/11/2021 11:54 PM	-0.207	1.741	-0.577
4/12/2021 12:00 AM	-0.242	1.709	-0.582
4/12/2021 12:06 AM	-0.134	1.546	-0.571
4/12/2021 12:12 AM	0.144	1.471	-0.574
4/12/2021 12:18 AM	0.368	1.458	-0.571
4/12/2021 12:24 AM	0.502	1.434	-0.565
4/12/2021 12:30 AM	0.611	1.437	-0.571
4/12/2021 12:36 AM	0.635	1.455	-0.57
4/12/2021 12:42 AM	0.691	1.473	-0.572
4/12/2021 12:48 AM	0.721	1.492	-0.565
4/12/2021 12:54 AM	0.732	1.526	-0.556
4/12/2021 1:00 AM	0.747	1.568	-0.572
4/12/2021 1:06 AM	0.738	1.552	-0.582
4/12/2021 1:12 AM	0.749	1.507	-0.579
4/12/2021 1:18 AM	0.763	1.422	-0.573
4/12/2021 1:24 AM	0.778	1.21	-0.569
4/12/2021 1:30 AM	0.765	1.04	-0.572

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/12/2021 1:36 AM	0.742	0.971	-0.585
4/12/2021 1:42 AM	0.726	0.905	-0.595
4/12/2021 1:48 AM	0.724	0.808	-0.605
4/12/2021 1:54 AM	0.742	0.83	-0.595
4/12/2021 2:00 AM	0.741	0.831	-0.582
4/12/2021 2:06 AM	0.726	0.864	-0.576
4/12/2021 2:12 AM	0.75	0.849	-0.568
4/12/2021 2:18 AM	0.763	0.864	-0.563
4/12/2021 2:24 AM	0.731	0.908	-0.546
4/12/2021 2:30 AM	0.712	1.029	-0.538
4/12/2021 2:36 AM	0.739	0.98	-0.573
4/12/2021 2:42 AM	0.75	0.65	-0.578
4/12/2021 2:48 AM	0.675	0.685	-0.573
4/12/2021 2:54 AM	0.6	0.635	-0.59
4/12/2021 3:00 AM	0.496	0.489	-0.591
4/12/2021 3:06 AM	0.383	0.414	-0.58
4/12/2021 3:12 AM	0.259	0.414	-0.578
4/12/2021 3:18 AM	0.161	0.416	-0.574
4/12/2021 3:24 AM	0.11	0.412	-0.555
4/12/2021 3:30 AM	0.116	0.394	-0.546
4/12/2021 3:36 AM	0.129	0.396	-0.554
4/12/2021 3:42 AM	0.154	0.373	-0.56
4/12/2021 3:48 AM	0.211	0.383	-0.56
4/12/2021 3:54 AM	0.263	0.363	-0.562
4/12/2021 4:00 AM	0.204	0.337	-0.581
4/12/2021 4:06 AM	0.11	0.266	-0.59
4/12/2021 4:12 AM	0.188	0.254	-0.604
4/12/2021 4:18 AM	0.3	0.253	-0.609
4/12/2021 4:24 AM	0.381	0.26	-0.611
4/12/2021 4:30 AM	0.453	0.284	-0.608
4/12/2021 4:36 AM	0.463	0.261	-0.609
4/12/2021 4:42 AM	0.474	0.183	-0.608
4/12/2021 4:48 AM	0.471	0.176	-0.606
4/12/2021 4:54 AM	0.445	0.175	-0.615
4/12/2021 5:00 AM	0.419	0.174	-0.638
4/12/2021 5:06 AM	0.435	0.192	-0.645
4/12/2021 5:12 AM	0.448	0.139	-0.639
4/12/2021 5:18 AM	0.437	0.124	-0.638
4/12/2021 5:24 AM	0.401	0.173	-0.652
4/12/2021 5:30 AM	0.382	0.168	-0.654
4/12/2021 5:36 AM	0.354	0.168	-0.647
4/12/2021 5:42 AM	0.307	0.19	-0.638
4/12/2021 5:48 AM	0.295	0.197	-0.645
4/12/2021 5:54 AM	0.3	0.168	-0.653
4/12/2021 6:00 AM	0.317	0.16	-0.664
4/12/2021 6:06 AM	0.319	0.189	-0.671
4/12/2021 6:12 AM	0.297	0.217	-0.675
4/12/2021 6:18 AM	0.277	0.212	-0.686
4/12/2021 6:24 AM	0.275	0.184	-0.683
4/12/2021 6:30 AM	0.255	0.161	-0.685
4/12/2021 6:36 AM	0.249	0.178	-0.697
4/12/2021 6:42 AM	0.271	0.191	-0.711
4/12/2021 6:48 AM	0.291	0.214	-0.716
4/12/2021 6:54 AM	0.301	0.213	-0.712

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/12/2021 7:00 AM	0.275	0.195	-0.716
4/12/2021 7:06 AM	0.22	0.166	-0.717
4/12/2021 7:12 AM	0.286	0.144	-0.717
4/12/2021 7:18 AM	0.479	0.178	-0.714
4/12/2021 7:24 AM	0.547	0.183	-0.714
4/12/2021 7:30 AM	0.524	0.183	2.957
4/12/2021 7:36 AM	0.482	0.165	4.644
4/12/2021 7:42 AM	0.112	0.196	3.56
4/12/2021 7:48 AM	-0.104	0.208	1.958
4/12/2021 7:54 AM	0.021	0.195	1.359
4/12/2021 8:00 AM	0.2	0.244	1.098
4/12/2021 8:06 AM	0.345	0.225	0.994
4/12/2021 8:12 AM	0.429	0.227	0.986
4/12/2021 8:18 AM	0.475	0.234	1.009
4/12/2021 8:24 AM	0.488	0.173	1.015
4/12/2021 8:30 AM	0.519	0.189	1.076
4/12/2021 8:36 AM	0.543	0.213	1.173
4/12/2021 8:42 AM	0.527	0.236	1.298
4/12/2021 8:48 AM	0.494	0.263	1.37
4/12/2021 8:54 AM	0.487	0.278	1.382
4/12/2021 9:00 AM	0.469	0.233	1.353
4/12/2021 9:06 AM	0.477	0.247	1.078
4/12/2021 9:12 AM	0.548	0.272	-0.081
4/12/2021 9:18 AM	0.331	0.252	0.945
4/12/2021 9:24 AM	0.148	0.233	1.476
4/12/2021 9:30 AM	0.258	0.226	1.324
4/12/2021 9:36 AM	0.343	0.222	1.29
4/12/2021 9:42 AM	0.39	0.255	1.31
4/12/2021 9:48 AM	0.419	0.296	1.271
4/12/2021 9:54 AM	0.434	0.276	1.224
4/12/2021 10:00 AM	0.423	0.247	1.194
4/12/2021 10:06 AM	0.412	0.267	1.142
4/12/2021 10:12 AM	0.415	0.258	1.09
4/12/2021 10:18 AM	0.412	0.242	1.031
4/12/2021 10:24 AM	0.392	0.269	0.973
4/12/2021 10:30 AM	0.376	0.272	0.965
4/12/2021 10:36 AM	0.378	0.304	0.899
4/12/2021 10:42 AM	0.468	0.305	0.732
4/12/2021 10:48 AM	0.609	0.254	0.643
4/12/2021 10:54 AM	0.667	0.268	0.607
4/12/2021 11:00 AM	0.664	0.28	0.586
4/12/2021 11:06 AM	0.668	0.279	0.588
4/12/2021 11:12 AM	0.709	0.296	0.608
4/12/2021 11:18 AM	0.724	0.29	0.648
4/12/2021 11:24 AM	0.654	0.285	1.6
4/12/2021 11:30 AM	0.183	0.292	2.581
4/12/2021 11:36 AM	-0.432	0.279	2.337
4/12/2021 11:42 AM	-0.704	0.274	2.201
4/12/2021 11:48 AM	-0.702	0.283	2.133
4/12/2021 11:54 AM	-0.715	0.295	2.274
4/12/2021 12:00 PM	-0.608	0.35	2.153
4/12/2021 12:06 PM	-0.086	0.506	1.22
4/12/2021 12:12 PM	-0.07	0.514	1.2
4/12/2021 12:18 PM	-0.035	0.502	1.209

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/12/2021 12:24 PM	-0.038	0.498	1.22
4/12/2021 12:30 PM	-0.006	0.466	1.214
4/12/2021 12:36 PM	0.047	0.472	1.227
4/12/2021 12:42 PM	0.06	0.503	1.22
4/12/2021 12:48 PM	0.057	0.493	1.189
4/12/2021 12:54 PM	0.087	0.48	1.174
4/12/2021 1:00 PM	0.117	0.504	1.235
4/12/2021 1:06 PM	0.134	0.517	1.279
4/12/2021 1:12 PM	0.176	0.52	1.269
4/12/2021 1:18 PM	0.197	0.534	1.215
4/12/2021 1:24 PM	0.186	0.542	1.24
4/12/2021 1:30 PM	0.204	0.528	1.281
4/12/2021 1:36 PM	0.226	0.534	1.255
4/12/2021 1:42 PM	0.222	0.517	1.162
4/12/2021 1:48 PM	0.258	0.524	1.112
4/12/2021 1:54 PM	0.321	0.521	1.109
4/12/2021 2:00 PM	0.345	0.512	1.111
4/12/2021 2:06 PM	0.34	0.512	1.142
4/12/2021 2:12 PM	0.335	0.531	1.162
4/12/2021 2:18 PM	0.357	0.554	1.157
4/12/2021 2:24 PM	0.406	0.563	1.174
4/12/2021 2:30 PM	0.414	0.561	1.194
4/12/2021 2:36 PM	0.41	0.567	1.198
4/12/2021 2:42 PM	0.41	0.552	1.192
4/12/2021 2:48 PM	0.385	0.534	1.169
4/12/2021 2:54 PM	0.413	0.545	0.949
4/12/2021 3:00 PM	0.432	0.544	0.775
4/12/2021 3:06 PM	0.394	0.541	0.773
4/12/2021 3:12 PM	0.39	0.548	0.801
4/12/2021 3:18 PM	0.418	0.577	0.837
4/12/2021 3:24 PM	0.433	0.575	0.893
4/12/2021 3:30 PM	0.442	0.549	0.884
4/12/2021 3:36 PM	0.432	0.522	0.894
4/12/2021 3:42 PM	0.384	0.508	0.941
4/12/2021 3:48 PM	0.357	0.525	0.947
4/12/2021 3:54 PM	0.348	0.563	0.932
4/12/2021 4:00 PM	0.356	0.578	0.945
4/12/2021 4:06 PM	0.34	0.605	0.99
4/12/2021 4:12 PM	0.352	0.604	1.002
4/12/2021 4:18 PM	0.369	0.612	1.019
4/12/2021 4:24 PM	0.387	0.626	1.021
4/12/2021 4:30 PM	0.435	0.648	1.024
4/12/2021 4:36 PM	0.468	0.643	1.17
4/12/2021 4:42 PM	0.478	0.634	1.143
4/12/2021 4:48 PM	0.477	0.642	1.057
4/12/2021 4:54 PM	0.493	0.671	1.158
4/12/2021 5:00 PM	0.509	0.658	1.186
4/12/2021 5:06 PM	0.506	0.645	1.139
4/12/2021 5:12 PM	0.496	0.645	1.185
4/12/2021 5:18 PM	0.517	0.633	1.201
4/12/2021 5:24 PM	0.545	0.663	1.236
4/12/2021 5:30 PM	0.549	0.693	1.337
4/12/2021 5:36 PM	0.547	0.69	1.374
4/12/2021 5:42 PM	0.521	0.67	1.295

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/12/2021 5:48 PM	0.478	0.663	1.284
4/12/2021 5:54 PM	0.47	0.682	1.337
4/12/2021 6:00 PM	0.453	0.683	1.339
4/12/2021 6:06 PM	0.474	0.692	1.299
4/12/2021 6:12 PM	0.492	0.698	1.289
4/12/2021 6:18 PM	0.494	0.708	1.321
4/12/2021 6:24 PM	0.548	0.717	1.318
4/12/2021 6:30 PM	0.574	0.683	1.368
4/12/2021 6:36 PM	0.558	0.691	1.46
4/12/2021 6:42 PM	0.566	0.693	1.471
4/12/2021 6:48 PM	0.595	0.716	1.466
4/12/2021 6:54 PM	0.638	0.724	1.631
4/12/2021 7:00 PM	0.7	14.621	2.493
4/12/2021 7:06 PM	0.679	18.847	2.623
4/12/2021 7:12 PM	0.627	7.113	2.398
4/12/2021 7:18 PM	0.625	4.747	2.46
4/12/2021 7:24 PM	0.622	3.534	2.458
4/12/2021 7:30 PM	0.621	5.062	2.411
4/12/2021 7:36 PM	2.448	6.399	2.418
4/12/2021 7:42 PM	3.971	5.009	2.409
4/12/2021 7:48 PM	3.027	4.337	2.397
4/12/2021 7:54 PM	2.437	4.157	2.376
4/12/2021 8:00 PM	2.267	4.022	2.398
4/12/2021 8:06 PM	2.105	3.98	2.423
4/12/2021 8:12 PM	1.609	3.96	2.394
4/12/2021 8:18 PM	1.447	4.003	2.334
4/12/2021 8:24 PM	1.417	4.043	2.346
4/12/2021 8:30 PM	1.166	3.979	2.402
4/12/2021 8:36 PM	0.893	3.79	2.41
4/12/2021 8:42 PM	0.723	2.967	2.473
4/12/2021 8:48 PM	0.627	2.448	2.554
4/12/2021 8:54 PM	0.579	2.726	2.528
4/12/2021 9:00 PM	0.584	2.49	2.522
4/12/2021 9:06 PM	0.583	2.452	2.479
4/12/2021 9:12 PM	0.571	2.474	2.468
4/12/2021 9:18 PM	0.585	2.466	2.51
4/12/2021 9:24 PM	0.579	2.395	2.47
4/12/2021 9:30 PM	0.578	2.193	2.421
4/12/2021 9:36 PM	0.565	2.245	2.422
4/12/2021 9:42 PM	0.554	2.286	2.407
4/12/2021 9:48 PM	0.645	2.283	1.703
4/12/2021 9:54 PM	0.899	2.316	0.625
4/12/2021 10:00 PM	1.148	2.261	0.421
4/12/2021 10:06 PM	1.389	2.094	0.439
4/12/2021 10:12 PM	1.49	2.113	0.457
4/12/2021 10:18 PM	1.53	2.202	0.209
4/12/2021 10:24 PM	1.541	2.203	-0.374
4/12/2021 10:30 PM	1.541	2.198	-0.607
4/12/2021 10:36 PM	1.534	2.233	-0.615
4/12/2021 10:42 PM	1.505	2.104	-0.627
4/12/2021 10:48 PM	1.477	2.023	-0.606
4/12/2021 10:54 PM	1.416	2.041	-0.605
4/12/2021 11:00 PM	1.386	2.011	-0.615
4/12/2021 11:06 PM	1.367	2.04	-0.612

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/12/2021 11:12 PM	1.343	2.04	-0.605
4/12/2021 11:18 PM	1.374	2.103	-0.617
4/12/2021 11:24 PM	1.166	2.261	-0.629
4/12/2021 11:30 PM	0.87	2.332	-0.616
4/12/2021 11:36 PM	0.827	2.328	-0.624
4/12/2021 11:42 PM	0.713	2.206	-0.608
4/12/2021 11:48 PM	0.638	2.193	-0.607
4/12/2021 11:54 PM	0.749	2.252	-0.609
4/13/2021 12:00 AM	0.831	2.148	-0.606
4/13/2021 12:06 AM	0.868	2.072	-0.614
4/13/2021 12:12 AM	0.865	2.115	-0.615
4/13/2021 12:18 AM	0.861	2.174	-0.624
4/13/2021 12:24 AM	0.84	2.227	-0.614
4/13/2021 12:30 AM	0.795	2.24	-0.578
4/13/2021 12:36 AM	0.745	2.183	-0.574
4/13/2021 12:42 AM	0.699	2.139	-0.598
4/13/2021 12:48 AM	0.628	2.017	-0.61
4/13/2021 12:54 AM	0.715	1.796	-0.601
4/13/2021 1:00 AM	0.905	1.682	-0.599
4/13/2021 1:06 AM	1.047	1.651	-0.608
4/13/2021 1:12 AM	1.143	1.628	-0.613
4/13/2021 1:18 AM	1.204	1.65	-0.604
4/13/2021 1:24 AM	1.239	1.711	-0.615
4/13/2021 1:30 AM	1.228	1.774	-0.617
4/13/2021 1:36 AM	1.182	1.864	-0.627
4/13/2021 1:42 AM	1.15	1.844	-0.642
4/13/2021 1:48 AM	1.163	1.781	-0.641
4/13/2021 1:54 AM	1.165	1.734	-0.637
4/13/2021 2:00 AM	1.165	1.722	-0.649
4/13/2021 2:06 AM	1.128	1.712	-0.664
4/13/2021 2:12 AM	1.093	1.685	-0.652
4/13/2021 2:18 AM	1.071	1.672	-0.65
4/13/2021 2:24 AM	1.038	1.675	-0.653
4/13/2021 2:30 AM	1.099	1.615	-0.654
4/13/2021 2:36 AM	1.215	1.569	-0.66
4/13/2021 2:42 AM	1.246	1.594	-0.675
4/13/2021 2:48 AM	1.255	1.649	-0.685
4/13/2021 2:54 AM	1.227	1.696	-0.683
4/13/2021 3:00 AM	1.187	1.622	-0.68
4/13/2021 3:06 AM	1.142	1.547	-0.664
4/13/2021 3:12 AM	1.108	1.51	-0.649
4/13/2021 3:18 AM	1.055	1.476	-0.659
4/13/2021 3:24 AM	0.946	1.441	-0.674
4/13/2021 3:30 AM	0.939	1.395	-0.691
4/13/2021 3:36 AM	1.059	1.456	-0.691
4/13/2021 3:42 AM	1.162	1.319	-0.685
4/13/2021 3:48 AM	1.207	1.055	-0.69
4/13/2021 3:54 AM	1.042	1.178	-0.692
4/13/2021 4:00 AM	0.414	1.447	-0.706
4/13/2021 4:06 AM	-0.044	1.49	-0.706
4/13/2021 4:12 AM	-0.078	1.515	-0.699
4/13/2021 4:18 AM	-0.143	1.5	-0.687
4/13/2021 4:24 AM	-0.156	1.478	-0.686
4/13/2021 4:30 AM	-0.126	1.466	-0.688

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/13/2021 4:36 AM	-0.068	1.449	-0.692
4/13/2021 4:42 AM	-0.062	1.429	-0.693
4/13/2021 4:48 AM	-0.065	1.449	-0.696
4/13/2021 4:54 AM	0.005	1.535	-0.675
4/13/2021 5:00 AM	-0.029	1.539	-0.654
4/13/2021 5:06 AM	0	1.538	-0.662
4/13/2021 5:12 AM	0.085	1.547	-0.669
4/13/2021 5:18 AM	0.085	1.573	-0.647
4/13/2021 5:24 AM	0.057	1.635	-0.641
4/13/2021 5:30 AM	0.058	1.597	-0.652
4/13/2021 5:36 AM	0.094	1.533	-0.636
4/13/2021 5:42 AM	0.089	1.505	-0.632
4/13/2021 5:48 AM	0.103	1.485	-0.648
4/13/2021 5:54 AM	0.133	1.524	-0.652
4/13/2021 6:00 AM	0.147	1.518	-0.662
4/13/2021 6:06 AM	0.111	1.488	-0.65
4/13/2021 6:12 AM	0.108	1.567	-0.646
4/13/2021 6:18 AM	0.131	1.548	-0.664
4/13/2021 6:24 AM	0.119	1.609	-0.686
4/13/2021 6:30 AM	0.105	2.404	-0.705
4/13/2021 6:36 AM	0.104	2.777	-0.709
4/13/2021 6:42 AM	0.16	2.523	-0.713
4/13/2021 6:48 AM	0.147	2.481	-0.727
4/13/2021 6:54 AM	0.16	2.432	-0.73
4/13/2021 7:00 AM	0.16	2.505	-0.739
4/13/2021 7:06 AM	0.159	2.564	-0.752
4/13/2021 7:12 AM	0.215	2.491	-0.766
4/13/2021 7:18 AM	0.24	2.572	-0.777
4/13/2021 7:24 AM	0.257	2.609	-0.775
4/13/2021 7:30 AM	0.279	2.543	-0.786
4/13/2021 7:36 AM	0.29	2.618	-0.792
4/13/2021 7:42 AM	0.279	2.613	-0.776
4/13/2021 7:48 AM	0.307	2.668	-0.784
4/13/2021 7:54 AM	0.314	2.797	-0.793
4/13/2021 8:00 AM	0.29	2.916	-0.808
4/13/2021 8:06 AM	0.293	2.986	-0.81
4/13/2021 8:12 AM	0.291	2.357	-0.819
4/13/2021 8:18 AM	0.331	1.559	-0.823
4/13/2021 8:24 AM	0.36	1.434	-0.82
4/13/2021 8:30 AM	0.352	1.442	-0.804
4/13/2021 8:36 AM	0.406	1.476	-0.798
4/13/2021 8:42 AM	0.432	1.459	-0.797
4/13/2021 8:48 AM	0.425	1.452	-0.782
4/13/2021 8:54 AM	0.445	1.42	-0.778
4/13/2021 9:00 AM	0.392	1.376	-0.787
4/13/2021 9:06 AM	0.325	1.378	-0.8
4/13/2021 9:12 AM	0.338	1.44	-0.813
4/13/2021 9:18 AM	0.375	1.454	-0.832
4/13/2021 9:24 AM	0.397	1.446	-0.845
4/13/2021 9:30 AM	0.41	1.442	-0.842
4/13/2021 9:36 AM	0.374	1.483	-0.836
4/13/2021 9:42 AM	0.42	1.476	-0.829
4/13/2021 9:48 AM	0.489	1.48	-0.83
4/13/2021 9:54 AM	0.47	1.475	-0.844

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/13/2021 10:00 AM	0.497	1.466	-0.841
4/13/2021 10:06 AM	0.528	1.456	-0.838
4/13/2021 10:12 AM	0.519	1.497	-0.837
4/13/2021 10:18 AM	0.506	1.495	-0.835
4/13/2021 10:24 AM	0.496	1.514	-0.833
4/13/2021 10:30 AM	0.483	1.507	-0.827
4/13/2021 10:36 AM	0.517	1.442	-0.823
4/13/2021 10:42 AM	0.574	1.373	-0.823
4/13/2021 10:48 AM	0.573	1.387	-0.834
4/13/2021 10:54 AM	0.547	1.439	-0.832
4/13/2021 11:00 AM	0.565	1.465	-0.824
4/13/2021 11:06 AM	0.594	1.474	-0.813
4/13/2021 11:12 AM	0.607	1.476	-0.789
4/13/2021 11:18 AM	0.61	1.485	-0.78
4/13/2021 11:24 AM	0.575	1.492	-0.785
4/13/2021 11:30 AM	0.531	1.433	-0.775
4/13/2021 11:36 AM	0.5	1.415	-0.768
4/13/2021 11:42 AM	0.509	1.413	-0.765
4/13/2021 11:48 AM	0.477	1.402	-0.761
4/13/2021 11:54 AM	0.485	1.419	-0.755
4/13/2021 12:00 PM	0.47	1.433	-0.743
4/13/2021 12:06 PM	Calib	1.438	-0.728
4/13/2021 12:12 PM	0.1	1.483	-0.737
4/13/2021 12:18 PM	0.1	1.57	-0.737
4/13/2021 12:24 PM	0.1	1.611	-0.725
4/13/2021 12:30 PM	0.1	1.638	-0.718
4/13/2021 12:36 PM	0.1	1.708	-0.722
4/13/2021 12:42 PM	0.2	1.712	-0.723
4/13/2021 12:48 PM	0.2	1.641	-0.723
4/13/2021 12:54 PM	0.2	1.596	-0.716
4/13/2021 1:00 PM	0.2	1.554	-0.711
4/13/2021 1:06 PM	0.2	1.485	-0.709
4/13/2021 1:12 PM	0.3	1.448	-0.715
4/13/2021 1:18 PM	0.3	1.446	-0.721
4/13/2021 1:24 PM	0.3	1.452	-0.722
4/13/2021 1:30 PM	0.3	1.49	-0.729
4/13/2021 1:36 PM	Calib	1.47	-0.734
4/13/2021 1:42 PM	0.382	1.409	-0.728
4/13/2021 1:48 PM	0.384	1.42	-0.712
4/13/2021 1:54 PM	0.362	1.498	-0.708
4/13/2021 2:00 PM	0.346	1.558	-0.699
4/13/2021 2:06 PM	0.346	1.627	-0.696
4/13/2021 2:12 PM	0.38	1.609	-0.691
4/13/2021 2:18 PM	0.331	1.576	-0.688
4/13/2021 2:24 PM	0.261	1.363	-0.689
4/13/2021 2:30 PM	0.232	0.781	-0.695
4/13/2021 2:36 PM	0.221	0.501	-0.706
4/13/2021 2:42 PM	0.216	0.581	-0.725
4/13/2021 2:48 PM	0.208	0.542	-0.739
4/13/2021 2:54 PM	0.21	0.459	-0.734
4/13/2021 3:00 PM	0.219	0.46	-0.721
4/13/2021 3:06 PM	0.251	0.474	-0.724
4/13/2021 3:12 PM	0.278	0.48	-0.738
4/13/2021 3:18 PM	0.307	0.465	-0.745

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/13/2021 3:24 PM	0.337	0.474	-0.748
4/13/2021 3:30 PM	0.325	0.463	-0.755
4/13/2021 3:36 PM	0.347	0.404	-0.774
4/13/2021 3:42 PM	0.38	0.372	-0.786
4/13/2021 3:48 PM	0.372	0.357	-0.783
4/13/2021 3:54 PM	0.389	0.327	-0.766
4/13/2021 4:00 PM	0.442	0.248	-0.763
4/13/2021 4:06 PM	0.506	0.172	-0.76
4/13/2021 4:12 PM	0.526	0.125	-0.753
4/13/2021 4:18 PM	0.503	0.093	-0.748
4/13/2021 4:24 PM	0.516	0.096	-0.745
4/13/2021 4:30 PM	0.523	0.066	-0.744
4/13/2021 4:36 PM	0.504	0.069	-0.741
4/13/2021 4:42 PM	0.468	0.101	-0.747
4/13/2021 4:48 PM	0.488	0.085	-0.75
4/13/2021 4:54 PM	0.477	0.117	-0.751
4/13/2021 5:00 PM	0.424	0.154	-0.745
4/13/2021 5:06 PM	0.451	0.093	-0.743
4/13/2021 5:12 PM	0.47	0.108	-0.747
4/13/2021 5:18 PM	0.463	0.152	-0.742
4/13/2021 5:24 PM	0.463	0.144	-0.74
4/13/2021 5:30 PM	0.466	0.123	-0.742
4/13/2021 5:36 PM	0.504	0.121	-0.742
4/13/2021 5:42 PM	0.541	0.132	-0.738
4/13/2021 5:48 PM	0.537	0.101	-0.733
4/13/2021 5:54 PM	0.533	0.107	-0.734
4/13/2021 6:00 PM	0.549	0.094	-0.732
4/13/2021 6:06 PM	0.562	0.063	-0.732
4/13/2021 6:12 PM	0.545	0.077	-0.739
4/13/2021 6:18 PM	0.564	0.132	-0.733
4/13/2021 6:24 PM	0.653	0.12	-0.729
4/13/2021 6:30 PM	0.657	0.11	-0.733
4/13/2021 6:36 PM	0.661	0.128	-0.737
4/13/2021 6:42 PM	0.689	0.168	-0.741
4/13/2021 6:48 PM	0.672	0.167	-0.739
4/13/2021 6:54 PM	0.67	0.16	-0.733
4/13/2021 7:00 PM	0.69	0.178	-0.735
4/13/2021 7:06 PM	0.702	0.161	-0.738
4/13/2021 7:12 PM	0.701	0.162	-0.734
4/13/2021 7:18 PM	0.74	0.192	-0.732
4/13/2021 7:24 PM	0.747	0.213	-0.739
4/13/2021 7:30 PM	0.741	0.186	-0.744
4/13/2021 7:36 PM	0.749	0.16	-0.743
4/13/2021 7:42 PM	0.741	0.099	-0.742
4/13/2021 7:48 PM	0.754	0.106	-0.744
4/13/2021 7:54 PM	0.786	0.181	-0.747
4/13/2021 8:00 PM	0.792	0.202	-0.747
4/13/2021 8:06 PM	0.817	0.145	-0.742
4/13/2021 8:12 PM	0.793	0.15	-0.739
4/13/2021 8:18 PM	0.761	0.141	-0.735
4/13/2021 8:24 PM	0.737	0.154	-0.729
4/13/2021 8:30 PM	0.74	0.148	-0.725
4/13/2021 8:36 PM	0.737	0.134	-0.719
4/13/2021 8:42 PM	0.704	0.148	-0.709

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/13/2021 8:48 PM	0.654	0.146	-0.695
4/13/2021 8:54 PM	0.657	0.149	-0.683
4/13/2021 9:00 PM	0.641	0.149	-0.678
4/13/2021 9:06 PM	0.625	0.146	-0.675
4/13/2021 9:12 PM	0.6	0.119	-0.672
4/13/2021 9:18 PM	0.562	0.099	-0.675
4/13/2021 9:24 PM	0.548	0.107	-0.666
4/13/2021 9:30 PM	0.516	0.114	-0.656
4/13/2021 9:36 PM	0.473	0.088	-0.651
4/13/2021 9:42 PM	0.447	0.083	-0.64
4/13/2021 9:48 PM	0.42	0.131	-0.64
4/13/2021 9:54 PM	0.38	0.109	-0.64
4/13/2021 10:00 PM	0.381	0.075	-0.641
4/13/2021 10:06 PM	0.374	0.079	-0.638
4/13/2021 10:12 PM	0.358	0.093	-0.633
4/13/2021 10:18 PM	0.363	0.102	-0.628
4/13/2021 10:24 PM	0.346	0.121	-0.633
4/13/2021 10:30 PM	0.307	0.176	-0.639
4/13/2021 10:36 PM	0.298	0.19	-0.639
4/13/2021 10:42 PM	0.292	0.203	-0.629
4/13/2021 10:48 PM	0.292	0.177	-0.617
4/13/2021 10:54 PM	0.277	0.098	-0.624
4/13/2021 11:00 PM	0.256	0.097	-0.629
4/13/2021 11:06 PM	0.239	0.134	-0.63
4/13/2021 11:12 PM	0.233	0.139	-0.631
4/13/2021 11:18 PM	0.198	0.141	-0.63
4/13/2021 11:24 PM	0.208	0.163	-0.631
4/13/2021 11:30 PM	0.233	0.131	-0.629
4/13/2021 11:36 PM	0.225	0.12	-0.623
4/13/2021 11:42 PM	0.223	0.153	-0.619
4/13/2021 11:48 PM	0.23	0.148	-0.62
4/13/2021 11:54 PM	0.199	0.117	-0.621
4/14/2021 12:00 AM	0.189	0.161	-0.622
4/14/2021 12:06 AM	0.207	0.162	-0.622
4/14/2021 12:12 AM	0.218	0.19	-0.621
4/14/2021 12:18 AM	0.24	0.176	-0.617
4/14/2021 12:24 AM	0.214	0.191	-0.616
4/14/2021 12:30 AM	0.195	0.195	-0.619
4/14/2021 12:36 AM	0.19	0.211	-0.616
4/14/2021 12:42 AM	0.203	0.215	-0.615
4/14/2021 12:48 AM	0.25	0.203	-0.621
4/14/2021 12:54 AM	0.234	0.214	-0.625
4/14/2021 1:00 AM	0.223	0.22	-0.629
4/14/2021 1:06 AM	0.219	0.215	-0.631
4/14/2021 1:12 AM	0.195	0.24	-0.635
4/14/2021 1:18 AM	0.213	0.263	-0.632
4/14/2021 1:24 AM	0.221	0.22	-0.637
4/14/2021 1:30 AM	0.224	0.19	-0.639
4/14/2021 1:36 AM	0.23	0.19	-0.632
4/14/2021 1:42 AM	0.247	0.234	-0.634
4/14/2021 1:48 AM	0.248	0.251	-0.632
4/14/2021 1:54 AM	0.225	0.238	-0.629
4/14/2021 2:00 AM	0.235	0.269	-0.628
4/14/2021 2:06 AM	0.245	0.276	-0.63

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/14/2021 2:12 AM	0.242	0.267	-0.631
4/14/2021 2:18 AM	0.249	0.259	-0.63
4/14/2021 2:24 AM	0.279	0.249	-0.634
4/14/2021 2:30 AM	0.292	0.262	-0.638
4/14/2021 2:36 AM	0.293	0.268	-0.645
4/14/2021 2:42 AM	0.301	0.255	-0.651
4/14/2021 2:48 AM	0.299	0.278	-0.65
4/14/2021 2:54 AM	0.29	0.304	-0.65
4/14/2021 3:00 AM	0.298	0.282	-0.647
4/14/2021 3:06 AM	0.295	0.294	-0.641
4/14/2021 3:12 AM	0.299	0.307	-0.638
4/14/2021 3:18 AM	0.322	0.323	-0.635
4/14/2021 3:24 AM	0.335	0.305	-0.631
4/14/2021 3:30 AM	0.329	0.265	-0.634
4/14/2021 3:36 AM	0.325	0.296	-0.627
4/14/2021 3:42 AM	0.313	0.311	-0.622
4/14/2021 3:48 AM	0.286	0.336	-0.628
4/14/2021 3:54 AM	0.289	0.321	-0.631
4/14/2021 4:00 AM	0.292	0.341	-0.636
4/14/2021 4:06 AM	0.298	0.354	-0.636
4/14/2021 4:12 AM	0.321	0.321	-0.631
4/14/2021 4:18 AM	0.341	0.313	-0.623
4/14/2021 4:24 AM	0.346	0.298	-0.614
4/14/2021 4:30 AM	0.329	0.302	-0.612
4/14/2021 4:36 AM	0.314	0.31	-0.608
4/14/2021 4:42 AM	0.321	0.319	-0.609
4/14/2021 4:48 AM	0.315	0.324	-0.603
4/14/2021 4:54 AM	0.317	0.359	-0.596
4/14/2021 5:00 AM	0.314	0.35	-0.594
4/14/2021 5:06 AM	0.306	0.324	-0.591
4/14/2021 5:12 AM	0.31	0.339	-0.588
4/14/2021 5:18 AM	0.287	0.321	-0.583
4/14/2021 5:24 AM	0.28	0.335	-0.583
4/14/2021 5:30 AM	0.273	0.367	-0.588
4/14/2021 5:36 AM	0.279	0.347	-0.592
4/14/2021 5:42 AM	0.27	0.348	-0.595
4/14/2021 5:48 AM	0.266	0.351	-0.595
4/14/2021 5:54 AM	0.283	0.344	-0.601
4/14/2021 6:00 AM	0.283	0.318	-0.609
4/14/2021 6:06 AM	0.3	0.312	-0.618
4/14/2021 6:12 AM	0.303	0.321	-0.62
4/14/2021 6:18 AM	0.317	0.334	-0.634
4/14/2021 6:24 AM	3.618	0.333	-0.647
4/14/2021 6:30 AM	5.49	0.336	-0.662
4/14/2021 6:36 AM	3.356	0.325	-0.672
4/14/2021 6:42 AM	2.943	0.326	-0.683
4/14/2021 6:48 AM	2.434	0.327	-0.693
4/14/2021 6:54 AM	2.376	0.339	-0.715
4/14/2021 7:00 AM	2.063	0.336	-0.727
4/14/2021 7:06 AM	1.544	0.312	-0.72
4/14/2021 7:12 AM	1.029	0.293	-0.721
4/14/2021 7:18 AM	1.111	0.323	-0.725
4/14/2021 7:24 AM	1.348	0.332	-0.729
4/14/2021 7:30 AM	1.56	0.352	-0.736

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/14/2021 7:36 AM	1.678	0.343	-0.741
4/14/2021 7:42 AM	1.727	0.339	-0.745
4/14/2021 7:48 AM	1.684	0.357	-0.75
4/14/2021 7:54 AM	1.617	0.374	-0.751
4/14/2021 8:00 AM	1.574	0.362	-0.752
4/14/2021 8:06 AM	1.502	0.35	-0.754
4/14/2021 8:12 AM	1.558	0.368	-0.762
4/14/2021 8:18 AM	1.201	0.41	-0.768
4/14/2021 8:24 AM	0.877	0.414	-0.771
4/14/2021 8:30 AM	0.982	0.45	-0.772
4/14/2021 8:36 AM	1.105	0.498	-0.764
4/14/2021 8:42 AM	1.256	0.498	-0.753
4/14/2021 8:48 AM	1.329	0.522	-0.74
4/14/2021 8:54 AM	1.321	0.546	-0.722
4/14/2021 9:00 AM	1.283	0.557	-0.711
4/14/2021 9:06 AM	1.377	0.561	-0.712
4/14/2021 9:12 AM	1.53	0.569	-0.709
4/14/2021 9:18 AM	1.593	0.589	0.525
4/14/2021 9:24 AM	1.589	0.587	2.967
4/14/2021 9:30 AM	1.545	0.6	4.378
4/14/2021 9:36 AM	1.504	0.585	2.455
4/14/2021 9:42 AM	1.419	0.543	0.582
4/14/2021 9:48 AM	1.281	0.497	-0.502
4/14/2021 9:54 AM	1.164	0.485	-0.641
4/14/2021 10:00 AM	1.138	0.504	-0.708
4/14/2021 10:06 AM	1.13	0.53	-0.745
4/14/2021 10:12 AM	1.136	0.562	-0.761
4/14/2021 10:18 AM	1.129	0.618	-0.759
4/14/2021 10:24 AM	1.097	0.653	-0.758
4/14/2021 10:30 AM	1.079	0.68	-0.757
4/14/2021 10:36 AM	1.069	0.699	-0.757
4/14/2021 10:42 AM	1.065	0.735	-0.769
4/14/2021 10:48 AM	1.056	0.765	-0.779
4/14/2021 10:54 AM	1.06	0.807	-0.786
4/14/2021 11:00 AM	1.054	0.873	-0.799
4/14/2021 11:06 AM	1.023	0.894	-0.803
4/14/2021 11:12 AM	1.011	0.889	-0.803
4/14/2021 11:18 AM	1.008	0.879	-0.802
4/14/2021 11:24 AM	0.97	0.844	-0.801
4/14/2021 11:30 AM	0.958	0.785	-0.799
4/14/2021 11:36 AM	0.947	0.794	-0.797
4/14/2021 11:42 AM	0.929	0.819	-0.791
4/14/2021 11:48 AM	0.917	0.828	-0.791
4/14/2021 11:54 AM	0.923	0.832	-0.795
4/14/2021 12:00 PM	0.935	0.842	-0.778
4/14/2021 12:06 PM	Calib	0.909	-0.722
4/14/2021 12:12 PM	0.7	0.935	-0.717
4/14/2021 12:18 PM	0.7	0.949	-0.712
4/14/2021 12:24 PM	0.8	0.974	-0.711
4/14/2021 12:30 PM	0.8	1.026	-0.71
4/14/2021 12:36 PM	0.8	1.08	-0.702
4/14/2021 12:42 PM	0.8	1.1	-0.695
4/14/2021 12:48 PM	0.8	1.138	-0.692
4/14/2021 12:54 PM	0.8	1.172	-0.688

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/14/2021 1:00 PM	0.8	1.215	-0.679
4/14/2021 1:06 PM	0.8	1.22	-0.672
4/14/2021 1:12 PM	0.6	1.216	-0.664
4/14/2021 1:18 PM	0.6	1.272	-0.661
4/14/2021 1:24 PM	0.6	1.311	-0.662
4/14/2021 1:30 PM	0.6	1.282	-0.666
4/14/2021 1:36 PM	0.6	1.296	-0.666
4/14/2021 1:42 PM	0.6	1.342	-0.666
4/14/2021 1:48 PM	0.7	1.406	-0.67
4/14/2021 1:54 PM	0.7	1.452	-0.667
4/14/2021 2:00 PM	0.7	1.442	-0.664
4/14/2021 2:06 PM	0.8	1.481	-0.664
4/14/2021 2:12 PM	0.8	1.529	-0.667
4/14/2021 2:18 PM	0.8	1.545	-0.664
4/14/2021 2:24 PM	0.8	1.566	-0.654
4/14/2021 2:30 PM	0.8	1.511	-0.649
4/14/2021 2:36 PM	0.8	1.476	-0.648
4/14/2021 2:42 PM	0.8	1.481	-0.648
4/14/2021 2:48 PM	0.8	1.464	-0.649
4/14/2021 2:54 PM	0.8	1.464	-0.651
4/14/2021 3:00 PM	0.8	1.451	-0.655
4/14/2021 3:06 PM	0.8	1.523	-0.66
4/14/2021 3:12 PM	0.8	1.605	-0.659
4/14/2021 3:18 PM	0.7	1.643	-0.654
4/14/2021 3:24 PM	0.4	1.658	-0.652
4/14/2021 3:30 PM	0.4	1.682	-0.649
4/14/2021 3:36 PM	0.5	1.695	-0.646
4/14/2021 3:42 PM	0.6	1.69	-0.643
4/14/2021 3:48 PM	0.8	1.671	-0.638
4/14/2021 3:54 PM	0.8	1.685	-0.637
4/14/2021 4:00 PM	0.8	1.648	-0.634
4/14/2021 4:06 PM	0.8	1.608	-0.631
4/14/2021 4:12 PM	0.8	1.578	-0.63
4/14/2021 4:18 PM	0.8	1.544	-0.634
4/14/2021 4:24 PM	0.8	1.537	-0.633
4/14/2021 4:30 PM	0.7	1.534	-0.632
4/14/2021 4:36 PM	0.7	1.497	-0.632
4/14/2021 4:42 PM	0.7	1.491	-0.63
4/14/2021 4:48 PM	0.7	1.511	-0.63
4/14/2021 4:54 PM	0.7	1.522	-0.631
4/14/2021 5:00 PM	0.6	1.526	-0.632
4/14/2021 5:06 PM	0.6	1.517	-0.632
4/14/2021 5:12 PM	0.6	1.501	-0.63
4/14/2021 5:18 PM	0.6	1.526	-0.626
4/14/2021 5:24 PM	0.6	1.557	-0.622
4/14/2021 5:30 PM	0.6	1.577	-0.623
4/14/2021 5:36 PM	0.5	1.593	-0.625
4/14/2021 5:42 PM	0.5	1.609	-0.625
4/14/2021 5:48 PM	0.5	1.631	-0.624
4/14/2021 5:54 PM	0.5	1.622	-0.622
4/14/2021 6:00 PM	0.6	1.624	-0.622
4/14/2021 6:06 PM	0.8	1.645	-0.622
4/14/2021 6:12 PM	0.8	1.638	-0.623
4/14/2021 6:18 PM	0.8	1.618	-0.623

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/14/2021 6:24 PM	0.8	1.647	-0.623
4/14/2021 6:30 PM	0.8	1.62	-0.623
4/14/2021 6:36 PM	0.8	1.614	-0.624
4/14/2021 6:42 PM	0.8	1.635	-0.623
4/14/2021 6:48 PM	0.8	1.635	-0.624
4/14/2021 6:54 PM	0.8	1.676	-0.623
4/14/2021 7:00 PM	0.8	1.685	-0.62
4/14/2021 7:06 PM	0.8	1.691	-0.617
4/14/2021 7:12 PM	0.8	1.716	-0.614
4/14/2021 7:18 PM	0.8	1.754	-0.614
4/14/2021 7:24 PM	0.7	1.773	-0.615
4/14/2021 7:30 PM	0.7	1.78	-0.615
4/14/2021 7:36 PM	0.8	1.804	-0.615
4/14/2021 7:42 PM	0.7	1.811	-0.617
4/14/2021 7:48 PM	0.7	1.825	-0.617
4/14/2021 7:54 PM	0.7	1.844	-0.614
4/14/2021 8:00 PM	0.7	1.841	-0.615
4/14/2021 8:06 PM	0.7	1.842	-0.619
4/14/2021 8:12 PM	0.7	1.855	-0.62
4/14/2021 8:18 PM	0.7	1.871	-0.618
4/14/2021 8:24 PM	0.6	1.864	-0.618
4/14/2021 8:30 PM	0.7	1.874	-0.62
4/14/2021 8:36 PM	0.7	1.894	-0.616
4/14/2021 8:42 PM	0.6	1.905	-0.613
4/14/2021 8:48 PM	0.6	1.912	-0.615
4/14/2021 8:54 PM	0.6	1.917	-0.615
4/14/2021 9:00 PM	0.7	1.912	-0.612
4/14/2021 9:06 PM	0.7	1.945	-0.606
4/14/2021 9:12 PM	0.7	1.994	-0.604
4/14/2021 9:18 PM	0.6	2.015	-0.607
4/14/2021 9:24 PM	0.6	2.036	-0.608
4/14/2021 9:30 PM	0.6	2.064	-0.608
4/14/2021 9:36 PM	0.6	2.046	-0.607
4/14/2021 9:42 PM	0.6	2.054	-0.605
4/14/2021 9:48 PM	0.6	2.071	-0.606
4/14/2021 9:54 PM	0.6	2.086	-0.606
4/14/2021 10:00 PM	0.6	2.102	-0.601
4/14/2021 10:06 PM	0.6	2.118	-0.597
4/14/2021 10:12 PM	0.6	2.148	-0.596
4/14/2021 10:18 PM	0.6	2.178	-0.597
4/14/2021 10:24 PM	0.6	2.192	-0.6
4/14/2021 10:30 PM	0.6	2.206	-0.601
4/14/2021 10:36 PM	0.6	2.212	-0.6
4/14/2021 10:42 PM	0.6	2.202	-0.603
4/14/2021 10:48 PM	0.6	2.203	-0.609
4/14/2021 10:54 PM	0.6	2.212	-0.615
4/14/2021 11:00 PM	0.6	2.217	-0.616
4/14/2021 11:06 PM	0.6	2.217	-0.615
4/14/2021 11:12 PM	0.6	2.235	-0.614
4/14/2021 11:18 PM	0.7	2.259	-0.613
4/14/2021 11:24 PM	0.7	2.289	-0.612
4/14/2021 11:30 PM	0.7	2.319	-0.611
4/14/2021 11:36 PM	0.7	2.324	-0.61
4/14/2021 11:42 PM	0.7	2.341	-0.611

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/14/2021 11:48 PM	0.7	2.352	-0.611
4/14/2021 11:54 PM	0.7	2.369	-0.611
4/15/2021 12:00 AM	0.6	2.387	-0.609
4/15/2021 12:06 AM	0.6	2.412	-0.608
4/15/2021 12:12 AM	0.7	2.435	-0.61
4/15/2021 12:18 AM	0.7	2.457	-0.61
4/15/2021 12:24 AM	0.7	2.46	-0.608
4/15/2021 12:30 AM	0.7	2.451	-0.606
4/15/2021 12:36 AM	0.7	2.442	-0.606
4/15/2021 12:42 AM	0.6	2.43	-0.606
4/15/2021 12:48 AM	0.7	2.432	-0.606
4/15/2021 12:54 AM	0.7	2.428	-0.607
4/15/2021 1:00 AM	0.7	2.437	-0.609
4/15/2021 1:06 AM	0.7	2.439	-0.612
4/15/2021 1:12 AM	0.7	2.455	-0.61
4/15/2021 1:18 AM	0.7	2.448	-0.612
4/15/2021 1:24 AM	0.7	2.428	-0.612
4/15/2021 1:30 AM	0.7	2.434	-0.608
4/15/2021 1:36 AM	0.7	2.452	-0.609
4/15/2021 1:42 AM	0.6	2.439	-0.616
4/15/2021 1:48 AM	0.6	2.419	-0.619
4/15/2021 1:54 AM	0.6	2.369	-0.612
4/15/2021 2:00 AM	0.6	2.338	-0.6
4/15/2021 2:06 AM	0.7	2.346	-0.587
4/15/2021 2:12 AM	0.7	2.323	-0.582
4/15/2021 2:18 AM	0.7	2.283	-0.578
4/15/2021 2:24 AM	0.7	2.272	-0.577
4/15/2021 2:30 AM	0.6	2.275	-0.584
4/15/2021 2:36 AM	0.7	2.272	-0.586
4/15/2021 2:42 AM	0.7	2.276	-0.582
4/15/2021 2:48 AM	0.7	2.281	-0.581
4/15/2021 2:54 AM	0.6	2.294	-0.58
4/15/2021 3:00 AM	0.6	2.305	-0.579
4/15/2021 3:06 AM	0.6	2.319	-0.578
4/15/2021 3:12 AM	0.6	2.343	-0.573
4/15/2021 3:18 AM	0.6	2.377	-0.569
4/15/2021 3:24 AM	0.5	2.381	-0.568
4/15/2021 3:30 AM	0.5	2.382	-0.57
4/15/2021 3:36 AM	0.4	2.412	-0.574
4/15/2021 3:42 AM	0.5	2.436	-0.573
4/15/2021 3:48 AM	0.5	2.435	-0.569
4/15/2021 3:54 AM	0.5	2.45	-0.567
4/15/2021 4:00 AM	0.5	2.471	-0.572
4/15/2021 4:06 AM	0.5	2.528	-0.577
4/15/2021 4:12 AM	0.5	2.564	-0.57
4/15/2021 4:18 AM	0.5	2.567	-0.568
4/15/2021 4:24 AM	0.3	2.579	-0.57
4/15/2021 4:30 AM	0	2.583	-0.571
4/15/2021 4:36 AM	0	2.61	-0.573
4/15/2021 4:42 AM	0	2.645	-0.57
4/15/2021 4:48 AM	0.1	2.669	-0.562
4/15/2021 4:54 AM	0.1	2.691	-0.555
4/15/2021 5:00 AM	0.1	2.711	-0.55
4/15/2021 5:06 AM	0.2	2.725	-0.547

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/15/2021 5:12 AM	0.5	10.331	-0.55
4/15/2021 5:18 AM	0.5	15.463	4.202
4/15/2021 5:24 AM	0.5	11.285	6.27
4/15/2021 5:30 AM	0.5	9.636	0.927
4/15/2021 5:36 AM	0.5	8.094	0.401
4/15/2021 5:42 AM	0.5	5.987	-0.089
4/15/2021 5:48 AM	0.5	4.654	-0.381
4/15/2021 5:54 AM	0.5	3.738	-0.485
4/15/2021 6:00 AM	0.5	3.27	-0.522
4/15/2021 6:06 AM	0.5	3.075	-0.537
4/15/2021 6:12 AM	0.4	2.998	-0.547
4/15/2021 6:18 AM	0.4	2.977	-0.556
4/15/2021 6:24 AM	0.5	2.984	-0.563
4/15/2021 6:30 AM	0.5	2.977	-0.57
4/15/2021 6:36 AM	0.6	2.994	-0.571
4/15/2021 6:42 AM	0.7	3.066	-0.568
4/15/2021 6:48 AM	0.8	3.123	-0.567
4/15/2021 6:54 AM	0.8	3.138	-0.564
4/15/2021 7:00 AM	0.8	3.138	-0.56
4/15/2021 7:06 AM	0.7	3.136	-0.556
4/15/2021 7:12 AM	0.7	3.122	-0.557
4/15/2021 7:18 AM	0.7	3.111	-0.561
4/15/2021 7:24 AM	0.6	3.115	-0.566
4/15/2021 7:30 AM	0.6	3.16	-0.568
4/15/2021 7:36 AM	0.6	3.216	-0.57
4/15/2021 7:42 AM	0.6	3.24	-0.567
4/15/2021 7:48 AM	0.6	3.274	-0.558
4/15/2021 7:54 AM	0.5	3.407	-0.557
4/15/2021 8:00 AM	0.5	3.558	-0.561
4/15/2021 8:06 AM	0.5	3.623	-0.568
4/15/2021 8:12 AM	0.5	3.664	-0.573
4/15/2021 8:18 AM	0.5	3.674	-0.579
4/15/2021 8:24 AM	0.5	3.706	-0.582
4/15/2021 8:30 AM	0.3	3.853	1.873
4/15/2021 8:36 AM	0.1	4.016	7.078
4/15/2021 8:42 AM	0	4.072	6.178
4/15/2021 8:48 AM	0	4.049	4.445
4/15/2021 8:54 AM	0	3.993	3.989
4/15/2021 9:00 AM	0	3.92	3.463
4/15/2021 9:06 AM	0	3.882	2.607
4/15/2021 9:12 AM	-0.1	3.856	1.727
4/15/2021 9:18 AM	-0.1	3.81	1.369
4/15/2021 9:24 AM	0	3.759	1.249
4/15/2021 9:30 AM	0	3.688	1.175
4/15/2021 9:36 AM	0.1	3.554	B
4/15/2021 9:42 AM	0.2	3.381	B
4/15/2021 9:48 AM	0.2	3.281	B
4/15/2021 9:54 AM	0.3	3.252	B
4/15/2021 10:00 AM	0.3	3.273	B
4/15/2021 10:06 AM	0.3	3.274	B
4/15/2021 10:12 AM	0.4	3.259	B
4/15/2021 10:18 AM	0.4	3.24	B
4/15/2021 10:24 AM	0.4	3.229	B
4/15/2021 10:30 AM	0.4	3.235	B

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/15/2021 10:36 AM	0.4	3.232	B
4/15/2021 10:42 AM	0.4	3.239	B
4/15/2021 10:48 AM	0.5	3.291	B
4/15/2021 10:54 AM	0.5	3.337	B
4/15/2021 11:00 AM	0.4	3.344	B
4/15/2021 11:06 AM	0.4	3.364	B
4/15/2021 11:12 AM	0.5	3.42	B
4/15/2021 11:18 AM	0.5	3.498	B
4/15/2021 11:24 AM	0.4	3.54	B
4/15/2021 11:30 AM	0.3	3.562	B
4/15/2021 11:36 AM	0.2	3.618	B
4/15/2021 11:42 AM	0.4	3.681	B
4/15/2021 11:48 AM	0.6	3.741	B
4/15/2021 11:54 AM	0.7	3.8	B
4/15/2021 12:00 PM	0.6	3.791	Calib
4/15/2021 12:06 PM	0.5	3.697	Calib
4/15/2021 12:12 PM	0.935	3.711	OutCal
4/15/2021 12:18 PM	0.916	3.74	OutCal
4/15/2021 12:24 PM	0.843	8.364	OutCal
4/15/2021 12:30 PM	0.748	29.594	OutCal
4/15/2021 12:36 PM	0.729	31.948	OutCal
4/15/2021 12:42 PM	0.706	14.028	OutCal
4/15/2021 12:48 PM	0.796	9.72	Calib
4/15/2021 12:54 PM	0.937	9.513	B
4/15/2021 1:00 PM	0.891	9.169	B
4/15/2021 1:06 PM	0.892	8.874	B
4/15/2021 1:12 PM	0.907	7.997	B
4/15/2021 1:18 PM	0.917	6.438	B
4/15/2021 1:24 PM	0.899	5.63	B
4/15/2021 1:30 PM	0.837	5.336	B
4/15/2021 1:36 PM	0.776	5.2	B
4/15/2021 1:42 PM	0.8	5.497	B
4/15/2021 1:48 PM	0.803	5.571	B
4/15/2021 1:54 PM	0.769	5.326	B
4/15/2021 2:00 PM	0.741	5.013	B
4/15/2021 2:06 PM	0.765	4.627	B
4/15/2021 2:12 PM	0.759	4.341	B
4/15/2021 2:18 PM	0.747	4.142	B
4/15/2021 2:24 PM	0.752	3.867	B
4/15/2021 2:30 PM	0.776	3.703	B
4/15/2021 2:36 PM	0.764	3.753	B
4/15/2021 2:42 PM	0.717	3.872	B
4/15/2021 2:48 PM	0.662	3.928	B
4/15/2021 2:54 PM	0.608	3.905	B
4/15/2021 3:00 PM	0.588	3.849	B
4/15/2021 3:06 PM	0.485	3.825	B
4/15/2021 3:12 PM	0.44	3.881	B
4/15/2021 3:18 PM	0.464	3.851	B
4/15/2021 3:24 PM	0.469	3.86	B
4/15/2021 3:30 PM	0.458	3.786	B
4/15/2021 3:36 PM	0.494	3.762	B
4/15/2021 3:42 PM	0.519	3.705	B
4/15/2021 3:48 PM	0.493	3.622	B
4/15/2021 3:54 PM	0.545	3.527	B

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/15/2021 4:00 PM	0.56	3.485	B
4/15/2021 4:06 PM	0.491	3.415	B
4/15/2021 4:12 PM	0.387	3.234	B
4/15/2021 4:18 PM	0.347	3.351	B
4/15/2021 4:24 PM	0.409	3.445	B
4/15/2021 4:30 PM	0.483	3.482	B
4/15/2021 4:36 PM	0.455	3.534	B
4/15/2021 4:42 PM	0.438	3.495	B
4/15/2021 4:48 PM	0.462	3.427	B
4/15/2021 4:54 PM	0.429	3.388	B
4/15/2021 5:00 PM	0.44	3.371	B
4/15/2021 5:06 PM	0.454	3.355	B
4/15/2021 5:12 PM	0.368	3.242	B
4/15/2021 5:18 PM	0.283	3.174	B
4/15/2021 5:24 PM	0.3	3	B
4/15/2021 5:30 PM	0.328	3.012	B
4/15/2021 5:36 PM	0.358	3.254	B
4/15/2021 5:42 PM	0.335	3.271	B
4/15/2021 5:48 PM	0.319	3.137	B
4/15/2021 5:54 PM	0.332	3.114	B
4/15/2021 6:00 PM	0.308	3.186	B
4/15/2021 6:06 PM	0.193	2.909	B
4/15/2021 6:12 PM	0.054	2.415	B
4/15/2021 6:18 PM	0.127	2.584	B
4/15/2021 6:24 PM	0.449	3.442	B
4/15/2021 6:30 PM	0.653	3.81	B
4/15/2021 6:36 PM	0.513	3.659	B
4/15/2021 6:42 PM	0.445	3.589	B
4/15/2021 6:48 PM	0.418	3.492	B
4/15/2021 6:54 PM	0.156	3.111	B
4/15/2021 7:00 PM	-0.125	2.678	B
4/15/2021 7:06 PM	-0.037	2.553	B
4/15/2021 7:12 PM	0.044	2.578	B
4/15/2021 7:18 PM	0.093	2.555	B
4/15/2021 7:24 PM	0.14	2.535	B
4/15/2021 7:30 PM	0.173	2.615	B
4/15/2021 7:36 PM	0.169	2.669	B
4/15/2021 7:42 PM	0.153	2.708	B
4/15/2021 7:48 PM	0.155	2.732	B
4/15/2021 7:54 PM	0.145	2.71	B
4/15/2021 8:00 PM	0.109	2.663	B
4/15/2021 8:06 PM	0.087	2.639	B
4/15/2021 8:12 PM	0.049	2.632	B
4/15/2021 8:18 PM	-0.017	2.58	B
4/15/2021 8:24 PM	-0.087	2.586	B
4/15/2021 8:30 PM	-0.168	2.569	B
4/15/2021 8:36 PM	-0.251	2.574	B
4/15/2021 8:42 PM	-0.292	2.586	B
4/15/2021 8:48 PM	-0.311	2.572	B
4/15/2021 8:54 PM	-0.298	2.527	B
4/15/2021 9:00 PM	-0.278	2.494	B
4/15/2021 9:06 PM	-0.275	2.521	B
4/15/2021 9:12 PM	-0.239	2.462	B
4/15/2021 9:18 PM	-0.176	2.401	B

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/15/2021 9:24 PM	-0.154	2.43	B
4/15/2021 9:30 PM	-0.107	2.477	B
4/15/2021 9:36 PM	-0.028	2.483	B
4/15/2021 9:42 PM	0.042	2.406	B
4/15/2021 9:48 PM	0.122	2.469	B
4/15/2021 9:54 PM	0.145	2.548	B
4/15/2021 10:00 PM	0.147	2.572	B
4/15/2021 10:06 PM	0.159	2.586	B
4/15/2021 10:12 PM	0.169	2.541	B
4/15/2021 10:18 PM	0.178	2.519	B
4/15/2021 10:24 PM	0.166	2.531	B
4/15/2021 10:30 PM	0.173	2.492	B
4/15/2021 10:36 PM	0.19	2.474	B
4/15/2021 10:42 PM	0.178	2.467	B
4/15/2021 10:48 PM	0.193	2.397	B
4/15/2021 10:54 PM	0.192	2.42	B
4/15/2021 11:00 PM	0.173	2.441	B
4/15/2021 11:06 PM	0.15	2.394	B
4/15/2021 11:12 PM	-0.1	2.5	B
4/15/2021 11:18 PM	-0.255	2.37	B
4/15/2021 11:24 PM	-0.073	2.044	B
4/15/2021 11:30 PM	0.059	1.914	B
4/15/2021 11:36 PM	-0.169	1.816	B
4/15/2021 11:42 PM	-0.702	1.778	B
4/15/2021 11:48 PM	-0.923	1.775	B
4/15/2021 11:54 PM	-0.93	1.767	B
4/16/2021 12:00 AM	-0.891	1.788	B
4/16/2021 12:06 AM	-0.908	1.764	B
4/16/2021 12:12 AM	-0.938	1.79	B
4/16/2021 12:18 AM	-0.92	1.797	B
4/16/2021 12:24 AM	-0.844	1.814	B
4/16/2021 12:30 AM	-0.867	1.846	B
4/16/2021 12:36 AM	-0.838	1.837	B
4/16/2021 12:42 AM	-0.773	1.835	B
4/16/2021 12:48 AM	-0.75	1.785	B
4/16/2021 12:54 AM	-0.748	1.802	B
4/16/2021 1:00 AM	-0.743	1.874	B
4/16/2021 1:06 AM	-0.737	2.125	B
4/16/2021 1:12 AM	-0.753	2.335	B
4/16/2021 1:18 AM	-0.721	2.248	B
4/16/2021 1:24 AM	-0.674	2.279	B
4/16/2021 1:30 AM	-0.636	2.278	B
4/16/2021 1:36 AM	-0.613	2.233	B
4/16/2021 1:42 AM	-0.61	2.931	B
4/16/2021 1:48 AM	-0.622	3.536	B
4/16/2021 1:54 AM	-0.627	3.395	B
4/16/2021 2:00 AM	-0.617	3.383	B
4/16/2021 2:06 AM	-0.59	3.259	B
4/16/2021 2:12 AM	-0.579	3.223	B
4/16/2021 2:18 AM	-0.569	3.126	B
4/16/2021 2:24 AM	-0.566	3.005	B
4/16/2021 2:30 AM	-0.562	3.022	B
4/16/2021 2:36 AM	-0.575	3.032	B
4/16/2021 2:42 AM	-0.546	3.019	B

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/16/2021 2:48 AM	-0.519	3.045	B
4/16/2021 2:54 AM	-0.525	2.996	B
4/16/2021 3:00 AM	-0.527	3.009	B
4/16/2021 3:06 AM	-0.519	3.103	B
4/16/2021 3:12 AM	-0.475	3.229	B
4/16/2021 3:18 AM	-0.519	3.175	B
4/16/2021 3:24 AM	-0.549	3.049	B
4/16/2021 3:30 AM	-0.536	3.032	B
4/16/2021 3:36 AM	-0.531	3.067	B
4/16/2021 3:42 AM	-0.511	3.033	B
4/16/2021 3:48 AM	-0.492	2.894	B
4/16/2021 3:54 AM	-0.474	2.876	B
4/16/2021 4:00 AM	-0.469	2.905	B
4/16/2021 4:06 AM	-0.462	2.95	B
4/16/2021 4:12 AM	-0.457	3.008	B
4/16/2021 4:18 AM	-0.462	3.037	B
4/16/2021 4:24 AM	-0.433	3.097	B
4/16/2021 4:30 AM	-0.44	3.145	B
4/16/2021 4:36 AM	-0.415	3.136	B
4/16/2021 4:42 AM	-0.443	3.121	B
4/16/2021 4:48 AM	-0.442	3.059	B
4/16/2021 4:54 AM	-0.436	3.157	B
4/16/2021 5:00 AM	-0.47	3.182	B
4/16/2021 5:06 AM	-0.473	3.162	B
4/16/2021 5:12 AM	-0.45	3.215	B
4/16/2021 5:18 AM	-0.446	3.258	B
4/16/2021 5:24 AM	-0.485	3.267	B
4/16/2021 5:30 AM	-0.458	2.632	B
4/16/2021 5:36 AM	-0.43	1.889	B
4/16/2021 5:42 AM	-0.417	1.955	B
4/16/2021 5:48 AM	-0.417	2.035	B
4/16/2021 5:54 AM	-0.423	2.097	B
4/16/2021 6:00 AM	-0.415	2.216	B
4/16/2021 6:06 AM	-0.407	2.242	B
4/16/2021 6:12 AM	-0.405	2.211	B
4/16/2021 6:18 AM	-0.4	2.229	B
4/16/2021 6:24 AM	-0.37	2.235	B
4/16/2021 6:30 AM	-0.352	2.33	B
4/16/2021 6:36 AM	-0.361	2.394	B
4/16/2021 6:42 AM	-0.312	2.485	B
4/16/2021 6:48 AM	-0.282	2.957	B
4/16/2021 6:54 AM	-0.258	3.216	B
4/16/2021 7:00 AM	-0.206	3.163	B
4/16/2021 7:06 AM	-0.187	3.109	B
4/16/2021 7:12 AM	-0.201	3.158	B
4/16/2021 7:18 AM	-0.193	3.131	B
4/16/2021 7:24 AM	-0.174	3.041	B
4/16/2021 7:30 AM	-0.146	3.09	B
4/16/2021 7:36 AM	-0.134	3.153	B
4/16/2021 7:42 AM	3.029	2.926	B
4/16/2021 7:48 AM	2.568	1.746	B
4/16/2021 7:54 AM	1.626	1.244	B
4/16/2021 8:00 AM	1.507	1.149	B
4/16/2021 8:06 AM	1.439	1.019	B

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/16/2021 8:12 AM	1.344	1.036	B
4/16/2021 8:18 AM	1.262	1.096	B
4/16/2021 8:24 AM	1.148	1.133	B
4/16/2021 8:30 AM	1.021	1.213	B
4/16/2021 8:36 AM	0.921	1.232	B
4/16/2021 8:42 AM	0.88	1.187	B
4/16/2021 8:48 AM	0.848	1.131	B
4/16/2021 8:54 AM	0.762	1.067	B
4/16/2021 9:00 AM	0.642	1.059	B
4/16/2021 9:06 AM	0.519	1.077	B
4/16/2021 9:12 AM	0.33	1.054	B
4/16/2021 9:18 AM	0.143	1.03	Maintain
4/16/2021 9:24 AM	0.064	1.049	Maintain
4/16/2021 9:30 AM	0.076	1.082	Maintain
4/16/2021 9:36 AM	0.206	1.087	Maintain
4/16/2021 9:42 AM	0.338	1.07	Maintain
4/16/2021 9:48 AM	0.384	1.041	Maintain
4/16/2021 9:54 AM	0.445	1.03	Maintain
4/16/2021 10:00 AM	0.469	1.017	Maintain
4/16/2021 10:06 AM	0.464	1.001	Maintain
4/16/2021 10:12 AM	0.46	0.979	Maintain
4/16/2021 10:18 AM	0.433	1.006	Maintain
4/16/2021 10:24 AM	0.39	1.015	Maintain
4/16/2021 10:30 AM	0.372	0.961	Maintain
4/16/2021 10:36 AM	0.364	0.966	Maintain
4/16/2021 10:42 AM	0.338	0.968	Maintain
4/16/2021 10:48 AM	0.311	0.991	Maintain
4/16/2021 10:54 AM	<Samp	<Samp	Maintain
4/16/2021 11:00 AM	Maintain	Maintain	Calib
4/16/2021 11:06 AM	Maintain	Maintain	0.356
4/16/2021 11:12 AM	Maintain	Maintain	0.368
4/16/2021 11:18 AM	<Samp	<Samp	0.389
4/16/2021 11:24 AM	0.018	0.995	0.414
4/16/2021 11:30 AM	-0.023	1.041	0.44
4/16/2021 11:36 AM	-0.059	1.044	0.438
4/16/2021 11:42 AM	-0.077	1.064	0.414
4/16/2021 11:48 AM	-0.103	1.096	0.397
4/16/2021 11:54 AM	-0.132	1.093	0.395
4/16/2021 12:00 PM	-0.126	1.098	0.407
4/16/2021 12:06 PM	Calib	1.057	0.435
4/16/2021 12:12 PM	0.6	1.087	0.436
4/16/2021 12:18 PM	0.5	1.131	0.439
4/16/2021 12:24 PM	0.5	1.147	0.44
4/16/2021 12:30 PM	0.6	1.177	0.441
4/16/2021 12:36 PM	Calib	1.186	0.61
4/16/2021 12:42 PM	0.532	1.193	5.851
4/16/2021 12:48 PM	0.538	1.164	3.906
4/16/2021 12:54 PM	0.565	1.153	1.332
4/16/2021 1:00 PM	0.581	1.156	0.702
4/16/2021 1:06 PM	0.561	1.149	0.511
4/16/2021 1:12 PM	0.56	1.15	0.451
4/16/2021 1:18 PM	0.55	1.064	0.42
4/16/2021 1:24 PM	0.552	1.002	0.398
4/16/2021 1:30 PM	0.561	1.037	0.383

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/16/2021 1:36 PM	0.581	1.107	0.384
4/16/2021 1:42 PM	0.588	1.245	0.414
4/16/2021 1:48 PM	0.585	1.394	0.454
4/16/2021 1:54 PM	0.576	1.425	0.47
4/16/2021 2:00 PM	0.561	1.395	0.458
4/16/2021 2:06 PM	0.547	1.336	0.44
4/16/2021 2:12 PM	0.527	1.285	0.427
4/16/2021 2:18 PM	0.518	1.249	0.415
4/16/2021 2:24 PM	0.546	1.216	0.406
4/16/2021 2:30 PM	0.554	1.198	0.399
4/16/2021 2:36 PM	0.549	1.191	0.404
4/16/2021 2:42 PM	0.557	1.231	0.422
4/16/2021 2:48 PM	0.541	1.276	0.445
4/16/2021 2:54 PM	0.526	1.336	0.465
4/16/2021 3:00 PM	0.541	1.365	0.465
4/16/2021 3:06 PM	0.546	1.336	0.454
4/16/2021 3:12 PM	0.564	1.29	0.44
4/16/2021 3:18 PM	0.566	1.262	0.429
4/16/2021 3:24 PM	0.552	1.234	0.424
4/16/2021 3:30 PM	0.556	1.191	0.425
4/16/2021 3:36 PM	0.537	1.197	0.43
4/16/2021 3:42 PM	0.515	1.219	0.427
4/16/2021 3:48 PM	0.504	1.207	0.426
4/16/2021 3:54 PM	0.469	1.21	0.427
4/16/2021 4:00 PM	0.464	1.221	0.431
4/16/2021 4:06 PM	0.472	1.279	0.459
4/16/2021 4:12 PM	0.484	1.299	0.503
4/16/2021 4:18 PM	0.485	1.255	0.523
4/16/2021 4:24 PM	0.452	1.229	0.508
4/16/2021 4:30 PM	0.492	1.22	0.489
4/16/2021 4:36 PM	0.642	1.222	0.481
4/16/2021 4:42 PM	0.794	1.215	0.483
4/16/2021 4:48 PM	0.855	1.218	0.487
4/16/2021 4:54 PM	0.86	1.169	0.479
4/16/2021 5:00 PM	0.869	1.141	0.467
4/16/2021 5:06 PM	0.885	1.155	0.455
4/16/2021 5:12 PM	0.883	1.188	0.452
4/16/2021 5:18 PM	0.882	1.169	0.475
4/16/2021 5:24 PM	0.849	1.154	0.519
4/16/2021 5:30 PM	0.812	1.168	0.555
4/16/2021 5:36 PM	0.792	1.112	0.567
4/16/2021 5:42 PM	0.765	1.103	0.563
4/16/2021 5:48 PM	0.755	1.191	0.558
4/16/2021 5:54 PM	0.745	1.25	0.549
4/16/2021 6:00 PM	0.738	1.381	0.545
4/16/2021 6:06 PM	0.743	1.421	0.541
4/16/2021 6:12 PM	0.705	1.327	0.528
4/16/2021 6:18 PM	0.7	1.304	0.516
4/16/2021 6:24 PM	0.697	1.289	0.51
4/16/2021 6:30 PM	0.645	1.307	0.505
4/16/2021 6:36 PM	0.643	1.283	0.503
4/16/2021 6:42 PM	0.654	1.251	0.502
4/16/2021 6:48 PM	0.654	1.302	0.504
4/16/2021 6:54 PM	0.65	1.339	0.512

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/16/2021 7:00 PM	0.649	1.309	0.514
4/16/2021 7:06 PM	0.66	1.237	0.519
4/16/2021 7:12 PM	0.669	1.22	0.52
4/16/2021 7:18 PM	0.676	1.242	0.523
4/16/2021 7:24 PM	0.683	1.237	0.524
4/16/2021 7:30 PM	0.719	1.195	0.517
4/16/2021 7:36 PM	0.719	1.17	0.519
4/16/2021 7:42 PM	0.661	1.161	0.519
4/16/2021 7:48 PM	0.661	1.162	0.513
4/16/2021 7:54 PM	0.651	1.196	0.507
4/16/2021 8:00 PM	0.643	1.215	0.511
4/16/2021 8:06 PM	0.651	1.263	0.517
4/16/2021 8:12 PM	0.659	1.27	0.514
4/16/2021 8:18 PM	0.661	1.212	0.514
4/16/2021 8:24 PM	0.668	1.253	0.517
4/16/2021 8:30 PM	0.668	1.238	0.518
4/16/2021 8:36 PM	0.665	1.207	0.519
4/16/2021 8:42 PM	0.693	1.223	0.514
4/16/2021 8:48 PM	0.697	1.253	0.513
4/16/2021 8:54 PM	0.716	1.246	0.515
4/16/2021 9:00 PM	0.724	1.231	0.515
4/16/2021 9:06 PM	0.71	1.238	0.515
4/16/2021 9:12 PM	0.688	1.274	0.513
4/16/2021 9:18 PM	0.689	1.254	0.508
4/16/2021 9:24 PM	0.779	1.132	0.506
4/16/2021 9:30 PM	0.947	0.971	0.507
4/16/2021 9:36 PM	1.038	0.907	0.511
4/16/2021 9:42 PM	1.09	0.931	0.52
4/16/2021 9:48 PM	1.147	0.931	0.521
4/16/2021 9:54 PM	1.179	0.946	0.52
4/16/2021 10:00 PM	1.181	0.938	0.522
4/16/2021 10:06 PM	1.189	0.942	0.523
4/16/2021 10:12 PM	1.2	0.977	0.52
4/16/2021 10:18 PM	1.194	0.983	0.521
4/16/2021 10:24 PM	1.187	0.99	0.528
4/16/2021 10:30 PM	1.173	0.98	0.539
4/16/2021 10:36 PM	1.144	0.976	0.539
4/16/2021 10:42 PM	1.114	0.988	0.534
4/16/2021 10:48 PM	1.113	1.009	0.525
4/16/2021 10:54 PM	1.13	1.006	0.518
4/16/2021 11:00 PM	1.131	0.987	0.521
4/16/2021 11:06 PM	1.107	1.042	0.522
4/16/2021 11:12 PM	1.092	1.013	0.52
4/16/2021 11:18 PM	1.193	0.995	0.517
4/16/2021 11:24 PM	1.021	0.542	0.519
4/16/2021 11:30 PM	0.774	0.3	0.519
4/16/2021 11:36 PM	0.769	0.365	0.517
4/16/2021 11:42 PM	0.867	0.337	0.518
4/16/2021 11:48 PM	0.953	0.265	0.512
4/16/2021 11:54 PM	1.01	0.249	0.508
4/17/2021 12:00 AM	1.04	0.26	0.515
4/17/2021 12:06 AM	1.095	0.202	0.527
4/17/2021 12:12 AM	1.089	0.208	0.531
4/17/2021 12:18 AM	1.069	0.228	0.532

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/17/2021 12:24 AM	1.051	0.135	0.531
4/17/2021 12:30 AM	0.984	0.057	0.52
4/17/2021 12:36 AM	0.95	0.069	0.516
4/17/2021 12:42 AM	0.913	0.1	0.514
4/17/2021 12:48 AM	0.892	0.109	0.519
4/17/2021 12:54 AM	0.84	0.088	0.529
4/17/2021 1:00 AM	0.809	0.021	0.535
4/17/2021 1:06 AM	0.783	-0.011	0.541
4/17/2021 1:12 AM	0.733	-0.007	0.546
4/17/2021 1:18 AM	0.707	0.004	0.544
4/17/2021 1:24 AM	0.693	-0.011	0.539
4/17/2021 1:30 AM	0.66	-0.016	0.535
4/17/2021 1:36 AM	0.612	0.007	0.537
4/17/2021 1:42 AM	0.609	-0.011	0.533
4/17/2021 1:48 AM	0.646	-0.013	0.527
4/17/2021 1:54 AM	0.624	0.018	0.531
4/17/2021 2:00 AM	0.558	0.052	0.537
4/17/2021 2:06 AM	0.549	0.017	0.541
4/17/2021 2:12 AM	0.574	-0.026	0.544
4/17/2021 2:18 AM	0.551	-0.019	0.543
4/17/2021 2:24 AM	0.508	-0.01	0.54
4/17/2021 2:30 AM	0.498	-0.022	0.536
4/17/2021 2:36 AM	0.472	-0.027	0.534
4/17/2021 2:42 AM	0.457	-0.046	0.533
4/17/2021 2:48 AM	0.463	-0.021	0.531
4/17/2021 2:54 AM	0.487	0.005	0.533
4/17/2021 3:00 AM	0.452	0.003	0.531
4/17/2021 3:06 AM	0.479	-0.06	0.529
4/17/2021 3:12 AM	0.545	-0.073	0.533
4/17/2021 3:18 AM	0.525	-0.076	0.532
4/17/2021 3:24 AM	0.447	-0.034	0.529
4/17/2021 3:30 AM	0.446	-0.04	0.529
4/17/2021 3:36 AM	0.441	-0.03	0.532
4/17/2021 3:42 AM	0.424	0.012	0.534
4/17/2021 3:48 AM	0.431	0.008	0.534
4/17/2021 3:54 AM	0.446	0.003	0.536
4/17/2021 4:00 AM	0.456	0.026	0.546
4/17/2021 4:06 AM	0.48	0.047	0.548
4/17/2021 4:12 AM	0.479	0.015	0.54
4/17/2021 4:18 AM	0.465	-0.023	0.537
4/17/2021 4:24 AM	0.48	-0.003	0.543
4/17/2021 4:30 AM	0.467	0.054	0.548
4/17/2021 4:36 AM	0.451	0.059	0.549
4/17/2021 4:42 AM	0.463	0.056	0.544
4/17/2021 4:48 AM	0.48	0.05	0.539
4/17/2021 4:54 AM	0.495	0.026	0.539
4/17/2021 5:00 AM	0.477	0.037	0.543
4/17/2021 5:06 AM	0.479	0.032	0.54
4/17/2021 5:12 AM	0.494	0.008	0.535
4/17/2021 5:18 AM	0.483	0.013	0.532
4/17/2021 5:24 AM	0.475	0.075	0.53
4/17/2021 5:30 AM	0.477	0.054	0.529
4/17/2021 5:36 AM	0.618	-0.002	0.526
4/17/2021 5:42 AM	0.916	-0.009	0.526

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/17/2021 5:48 AM	1.019	0.017	0.528
4/17/2021 5:54 AM	1.024	0.044	0.53
4/17/2021 6:00 AM	1.037	0.043	0.525
4/17/2021 6:06 AM	1.036	-0.015	0.517
4/17/2021 6:12 AM	1.001	0.025	0.515
4/17/2021 6:18 AM	1.008	0.025	0.521
4/17/2021 6:24 AM	1.022	0.007	0.523
4/17/2021 6:30 AM	0.771	0.011	0.518
4/17/2021 6:36 AM	0.605	0.032	0.506
4/17/2021 6:42 AM	0.66	0.048	0.498
4/17/2021 6:48 AM	0.727	0.042	0.497
4/17/2021 6:54 AM	0.748	0.02	0.495
4/17/2021 7:00 AM	0.726	0.036	0.488
4/17/2021 7:06 AM	0.716	0.059	0.48
4/17/2021 7:12 AM	0.688	0.061	0.471
4/17/2021 7:18 AM	0.674	0.07	0.473
4/17/2021 7:24 AM	0.662	0.1	0.489
4/17/2021 7:30 AM	0.667	0.115	0.502
4/17/2021 7:36 AM	0.662	0.086	0.513
4/17/2021 7:42 AM	0.653	0.059	0.519
4/17/2021 7:48 AM	0.682	0.099	0.523
4/17/2021 7:54 AM	0.665	0.115	0.524
4/17/2021 8:00 AM	0.66	0.085	0.513
4/17/2021 8:06 AM	0.662	0.082	0.503
4/17/2021 8:12 AM	0.672	0.102	0.496
4/17/2021 8:18 AM	0.676	0.086	0.485
4/17/2021 8:24 AM	0.67	0.032	0.471
4/17/2021 8:30 AM	0.69	0.039	0.454
4/17/2021 8:36 AM	0.792	0.035	0.45
4/17/2021 8:42 AM	1.095	0.039	0.457
4/17/2021 8:48 AM	1.21	0.075	0.468
4/17/2021 8:54 AM	1.164	0.073	0.48
4/17/2021 9:00 AM	1.163	0.075	0.486
4/17/2021 9:06 AM	1.144	0.075	0.494
4/17/2021 9:12 AM	1.112	0.125	0.498
4/17/2021 9:18 AM	0.966	0.157	8.11
4/17/2021 9:24 AM	0.762	0.163	12.338
4/17/2021 9:30 AM	0.761	0.18	5.669
4/17/2021 9:36 AM	0.818	0.178	5.5
4/17/2021 9:42 AM	0.893	0.163	5.182
4/17/2021 9:48 AM	0.97	0.148	3.796
4/17/2021 9:54 AM	0.982	0.152	2.765
4/17/2021 10:00 AM	0.988	0.171	2.453
4/17/2021 10:06 AM	1.013	0.167	2.261
4/17/2021 10:12 AM	1.014	0.17	2.234
4/17/2021 10:18 AM	1.006	0.168	2.25
4/17/2021 10:24 AM	0.98	0.186	2.336
4/17/2021 10:30 AM	0.969	0.213	2.466
4/17/2021 10:36 AM	0.966	0.227	2.536
4/17/2021 10:42 AM	0.964	0.173	2.531
4/17/2021 10:48 AM	0.945	0.187	2.3
4/17/2021 10:54 AM	0.919	0.194	2.108
4/17/2021 11:00 AM	0.898	0.17	2.133
4/17/2021 11:06 AM	0.869	0.19	2.219

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/17/2021 11:12 AM	0.834	0.193	2.321
4/17/2021 11:18 AM	0.822	0.203	2.349
4/17/2021 11:24 AM	0.802	0.198	2.406
4/17/2021 11:30 AM	0.798	0.199	2.403
4/17/2021 11:36 AM	0.801	0.174	2.369
4/17/2021 11:42 AM	0.784	0.171	2.361
4/17/2021 11:48 AM	0.774	0.192	2.358
4/17/2021 11:54 AM	0.76	0.223	2.374
4/17/2021 12:00 PM	0.702	0.236	2.35
4/17/2021 12:06 PM	0.626	0.223	2.344
4/17/2021 12:12 PM	0.631	0.249	2.319
4/17/2021 12:18 PM	0.651	0.241	2.281
4/17/2021 12:24 PM	0.646	0.221	2.3
4/17/2021 12:30 PM	0.61	0.206	2.299
4/17/2021 12:36 PM	0.626	0.196	2.252
4/17/2021 12:42 PM	0.652	0.198	2.22
4/17/2021 12:48 PM	0.647	0.194	2.221
4/17/2021 12:54 PM	0.639	0.241	2.196
4/17/2021 1:00 PM	0.626	0.282	2.152
4/17/2021 1:06 PM	0.629	0.304	2.178
4/17/2021 1:12 PM	0.616	0.325	2.2
4/17/2021 1:18 PM	0.601	0.343	2.249
4/17/2021 1:24 PM	0.617	0.318	2.096
4/17/2021 1:30 PM	0.591	0.304	1.75
4/17/2021 1:36 PM	0.591	0.305	1.741
4/17/2021 1:42 PM	0.615	0.338	1.737
4/17/2021 1:48 PM	0.649	0.39	1.758
4/17/2021 1:54 PM	0.664	0.399	1.786
4/17/2021 2:00 PM	0.66	0.405	1.819
4/17/2021 2:06 PM	0.668	0.43	1.859
4/17/2021 2:12 PM	0.673	0.391	1.867
4/17/2021 2:18 PM	0.661	0.395	1.86
4/17/2021 2:24 PM	0.676	0.439	1.64
4/17/2021 2:30 PM	0.664	0.464	1.563
4/17/2021 2:36 PM	0.633	0.468	1.579
4/17/2021 2:42 PM	0.615	0.468	1.585
4/17/2021 2:48 PM	0.603	0.483	1.612
4/17/2021 2:54 PM	0.577	0.476	1.626
4/17/2021 3:00 PM	0.601	0.487	1.605
4/17/2021 3:06 PM	0.625	0.493	1.592
4/17/2021 3:12 PM	0.649	0.472	1.628
4/17/2021 3:18 PM	0.663	0.483	1.646
4/17/2021 3:24 PM	0.661	0.51	1.675
4/17/2021 3:30 PM	0.646	0.511	1.684
4/17/2021 3:36 PM	0.634	0.51	1.672
4/17/2021 3:42 PM	0.712	0.527	1.677
4/17/2021 3:48 PM	0.9	0.539	1.677
4/17/2021 3:54 PM	1.023	0.564	1.675
4/17/2021 4:00 PM	1.08	0.568	1.679
4/17/2021 4:06 PM	1.092	0.562	1.698
4/17/2021 4:12 PM	1.107	0.549	1.688
4/17/2021 4:18 PM	1.08	0.568	1.676
4/17/2021 4:24 PM	1.045	0.564	1.674
4/17/2021 4:30 PM	1.056	0.567	1.648

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/17/2021 4:36 PM	1.037	0.607	1.643
4/17/2021 4:42 PM	1.011	0.625	1.635
4/17/2021 4:48 PM	1.038	0.607	1.654
4/17/2021 4:54 PM	1.068	0.614	1.652
4/17/2021 5:00 PM	1.092	0.645	1.648
4/17/2021 5:06 PM	1.082	0.697	1.645
4/17/2021 5:12 PM	1.058	0.702	1.637
4/17/2021 5:18 PM	1.052	0.676	1.66
4/17/2021 5:24 PM	1.021	0.64	1.659
4/17/2021 5:30 PM	1.008	0.6	1.666
4/17/2021 5:36 PM	1.011	0.625	1.683
4/17/2021 5:42 PM	0.992	0.645	1.662
4/17/2021 5:48 PM	0.983	0.643	1.646
4/17/2021 5:54 PM	0.978	0.655	1.675
4/17/2021 6:00 PM	0.993	0.655	1.694
4/17/2021 6:06 PM	0.999	0.663	1.696
4/17/2021 6:12 PM	1.052	0.662	1.683
4/17/2021 6:18 PM	1.204	0.677	1.659
4/17/2021 6:24 PM	1.296	0.7	1.681
4/17/2021 6:30 PM	1.372	0.709	1.692
4/17/2021 6:36 PM	1.399	0.697	1.658
4/17/2021 6:42 PM	1.397	0.697	1.673
4/17/2021 6:48 PM	1.4	0.709	1.679
4/17/2021 6:54 PM	1.42	0.735	1.676
4/17/2021 7:00 PM	1.423	0.724	1.703
4/17/2021 7:06 PM	1.399	0.749	1.703
4/17/2021 7:12 PM	1.356	0.769	1.676
4/17/2021 7:18 PM	1.341	0.775	1.681
4/17/2021 7:24 PM	1.344	0.792	1.662
4/17/2021 7:30 PM	1.327	0.798	1.648
4/17/2021 7:36 PM	1.303	0.813	1.635
4/17/2021 7:42 PM	1.307	0.821	1.634
4/17/2021 7:48 PM	1.334	0.79	1.652
4/17/2021 7:54 PM	1.346	0.781	1.642
4/17/2021 8:00 PM	1.331	0.804	1.646
4/17/2021 8:06 PM	1.299	0.826	1.649
4/17/2021 8:12 PM	1.448	0.848	1.635
4/17/2021 8:18 PM	1.48	0.848	1.651
4/17/2021 8:24 PM	1.32	0.832	1.628
4/17/2021 8:30 PM	1.283	0.828	1.599
4/17/2021 8:36 PM	1.288	0.848	1.619
4/17/2021 8:42 PM	1.315	0.851	1.63
4/17/2021 8:48 PM	1.33	0.845	1.63
4/17/2021 8:54 PM	1.342	0.839	1.636
4/17/2021 9:00 PM	1.322	0.855	1.621
4/17/2021 9:06 PM	1.3	0.855	1.624
4/17/2021 9:12 PM	1.285	0.867	1.633
4/17/2021 9:18 PM	1.257	0.867	1.655
4/17/2021 9:24 PM	1.248	0.878	1.674
4/17/2021 9:30 PM	1.258	0.886	1.643
4/17/2021 9:36 PM	1.243	0.895	1.621
4/17/2021 9:42 PM	1.198	0.893	1.624
4/17/2021 9:48 PM	1.155	0.872	1.618
4/17/2021 9:54 PM	1.112	0.895	1.632

Opacity Data Summary Report

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 North River Wastewater Resource Recovery Facility
 New York, NY 10031
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/17/2021 10:00 PM	1.121	0.923	1.643
4/17/2021 10:06 PM	1.122	0.934	1.647
4/17/2021 10:12 PM	1.138	0.938	1.645
4/17/2021 10:18 PM	1.166	0.942	1.66
4/17/2021 10:24 PM	1.19	0.956	1.654
4/17/2021 10:30 PM	1.184	0.962	1.651
4/17/2021 10:36 PM	1.151	0.967	1.63
4/17/2021 10:42 PM	1.135	0.988	1.617
4/17/2021 10:48 PM	1.122	1.01	1.609
4/17/2021 10:54 PM	1.11	1.051	1.603
4/17/2021 11:00 PM	1.111	1.061	1.593
4/17/2021 11:06 PM	1.125	1.057	1.599
4/17/2021 11:12 PM	1.129	1.085	1.628
4/17/2021 11:18 PM	1.139	1.079	1.651
4/17/2021 11:24 PM	1.136	1.089	1.668
4/17/2021 11:30 PM	1.118	1.119	1.662
4/17/2021 11:36 PM	1.15	1.125	1.639
4/17/2021 11:42 PM	1.206	1.142	1.687
4/17/2021 11:48 PM	1.201	1.149	1.692
4/17/2021 11:54 PM	1.16	1.156	1.65
4/18/2021 12:00 AM	1.15	1.157	1.634
4/18/2021 12:06 AM	1.14	1.198	1.622
4/18/2021 12:12 AM	1.111	1.217	1.631
4/18/2021 12:18 AM	1.099	1.246	1.618
4/18/2021 12:24 AM	1.126	1.252	1.611
4/18/2021 12:30 AM	1.124	1.223	1.612
4/18/2021 12:36 AM	1.129	1.262	1.623
4/18/2021 12:42 AM	1.062	1.274	1.802
4/18/2021 12:48 AM	0.759	1.285	2.271
4/18/2021 12:54 AM	0.075	1.296	2.224
4/18/2021 1:00 AM	-0.178	1.303	2.082
4/18/2021 1:06 AM	-0.224	1.338	2.061
4/18/2021 1:12 AM	-0.227	1.355	2.061
4/18/2021 1:18 AM	-0.174	1.374	2.009
4/18/2021 1:24 AM	-0.162	1.396	1.919
4/18/2021 1:30 AM	-0.143	1.368	1.922
4/18/2021 1:36 AM	-0.089	1.359	1.944
4/18/2021 1:42 AM	-0.078	1.384	1.989
4/18/2021 1:48 AM	-0.078	1.405	2.033
4/18/2021 1:54 AM	-0.044	1.428	2.106
4/18/2021 2:00 AM	-0.008	1.454	2.183
4/18/2021 2:06 AM	0.026	1.471	2.251
4/18/2021 2:12 AM	0.042	1.484	2.234
4/18/2021 2:18 AM	0.087	1.492	2.187
4/18/2021 2:24 AM	0.074	1.51	2.137
4/18/2021 2:30 AM	0.085	1.528	2.048
4/18/2021 2:36 AM	0.12	1.512	2.031
4/18/2021 2:42 AM	0.142	1.497	2.058
4/18/2021 2:48 AM	0.169	1.495	2.054
4/18/2021 2:54 AM	0.191	1.497	2.055
4/18/2021 3:00 AM	0.197	1.499	2.061
4/18/2021 3:06 AM	0.202	1.485	2.061
4/18/2021 3:12 AM	0.217	1.465	2.042
4/18/2021 3:18 AM	0.225	1.455	2.055

Opacity Data Summary Report

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 New York, NY 10031
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/18/2021 3:24 AM	0.263	1.462	2.073
4/18/2021 3:30 AM	0.283	1.462	2.062
4/18/2021 3:36 AM	0.312	1.465	2.017
4/18/2021 3:42 AM	0.32	1.477	2.019
4/18/2021 3:48 AM	0.303	1.49	1.996
4/18/2021 3:54 AM	0.331	1.495	1.998
4/18/2021 4:00 AM	0.354	1.498	2.003
4/18/2021 4:06 AM	0.376	1.522	2.09
4/18/2021 4:12 AM	0.392	1.561	2.153
4/18/2021 4:18 AM	0.395	1.595	2.189
4/18/2021 4:24 AM	0.385	1.618	2.188
4/18/2021 4:30 AM	0.368	1.636	2.169
4/18/2021 4:36 AM	0.395	1.648	2.156
4/18/2021 4:42 AM	0.405	1.663	2.124
4/18/2021 4:48 AM	0.427	1.671	2.138
4/18/2021 4:54 AM	0.438	1.673	2.138
4/18/2021 5:00 AM	0.429	1.688	2.156
4/18/2021 5:06 AM	0.438	1.691	2.123
4/18/2021 5:12 AM	0.451	1.697	1.973
4/18/2021 5:18 AM	0.463	1.726	1.918
4/18/2021 5:24 AM	0.437	1.776	1.974
4/18/2021 5:30 AM	0.463	1.826	2.003
4/18/2021 5:36 AM	0.464	1.862	2.059
4/18/2021 5:42 AM	0.482	1.928	2.042
4/18/2021 5:48 AM	0.495	2.009	2.03
4/18/2021 5:54 AM	0.466	2.1	2.084
4/18/2021 6:00 AM	0.462	2.225	2.089
4/18/2021 6:06 AM	0.462	2.353	2.061
4/18/2021 6:12 AM	0.464	2.433	2.055
4/18/2021 6:18 AM	0.469	2.378	2.089
4/18/2021 6:24 AM	0.464	2.226	2.098
4/18/2021 6:30 AM	0.474	2.086	2.106
4/18/2021 6:36 AM	0.487	1.994	2.121
4/18/2021 6:42 AM	0.523	1.999	2.155
4/18/2021 6:48 AM	0.531	2.123	2.188
4/18/2021 6:54 AM	0.508	2.34	2.175
4/18/2021 7:00 AM	0.499	2.426	2.132
4/18/2021 7:06 AM	0.516	2.425	2.147
4/18/2021 7:12 AM	0.533	2.412	2.181
4/18/2021 7:18 AM	0.528	2.34	2.144
4/18/2021 7:24 AM	0.565	2.295	2.128
4/18/2021 7:30 AM	0.581	2.229	2.08
4/18/2021 7:36 AM	0.59	2.119	2.053
4/18/2021 7:42 AM	0.632	2.059	2.049
4/18/2021 7:48 AM	0.66	2.018	2.018
4/18/2021 7:54 AM	0.669	1.926	2.049
4/18/2021 8:00 AM	0.706	1.937	2.159
4/18/2021 8:06 AM	0.663	1.978	2.121
4/18/2021 8:12 AM	0.609	1.903	1.985
4/18/2021 8:18 AM	0.57	1.805	1.97
4/18/2021 8:24 AM	0.503	1.666	1.951
4/18/2021 8:30 AM	0.45	1.601	1.899
4/18/2021 8:36 AM	0.384	1.54	1.833
4/18/2021 8:42 AM	0.37	1.444	1.913

Opacity Data Summary Report

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 North River Wastewater Resource Recovery Facility
 New York, NY 10031
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/18/2021 8:48 AM	0.364	1.403	1.934
4/18/2021 8:54 AM	0.361	1.411	1.881
4/18/2021 9:00 AM	0.41	1.442	1.863
4/18/2021 9:06 AM	0.438	1.45	1.93
4/18/2021 9:12 AM	0.454	1.465	1.995
4/18/2021 9:18 AM	0.46	1.464	1.999
4/18/2021 9:24 AM	0.467	1.434	2.02
4/18/2021 9:30 AM	2.106	1.444	1.945
4/18/2021 9:36 AM	3.754	1.405	1.633
4/18/2021 9:42 AM	2.821	1.316	1.466
4/18/2021 9:48 AM	2.268	1.272	1.533
4/18/2021 9:54 AM	2.188	1.279	1.582
4/18/2021 10:00 AM	2.166	1.395	1.573
4/18/2021 10:06 AM	2.149	1.535	1.584
4/18/2021 10:12 AM	2.101	1.651	1.62
4/18/2021 10:18 AM	2.069	1.823	1.62
4/18/2021 10:24 AM	1.993	1.975	1.648
4/18/2021 10:30 AM	1.825	2.088	1.681
4/18/2021 10:36 AM	1.627	2.191	1.658
4/18/2021 10:42 AM	1.402	2.244	1.669
4/18/2021 10:48 AM	1.236	2.281	1.684
4/18/2021 10:54 AM	1.218	2.307	1.706
4/18/2021 11:00 AM	1.324	2.33	1.703
4/18/2021 11:06 AM	1.595	2.352	1.739
4/18/2021 11:12 AM	1.682	2.348	1.735
4/18/2021 11:18 AM	1.659	2.343	1.751
4/18/2021 11:24 AM	1.659	2.32	1.803
4/18/2021 11:30 AM	1.608	2.289	1.842
4/18/2021 11:36 AM	1.573	2.224	1.847
4/18/2021 11:42 AM	1.503	2.091	1.839
4/18/2021 11:48 AM	1.381	1.969	1.82
4/18/2021 11:54 AM	1.248	1.963	1.84
4/18/2021 12:00 PM	1.12	1.974	1.853
4/18/2021 12:06 PM	0.854	1.921	1.892
4/18/2021 12:12 PM	0.903	1.803	1.91
4/18/2021 12:18 PM	0.929	1.756	1.868
4/18/2021 12:24 PM	0.879	1.925	1.843
4/18/2021 12:30 PM	0.85	2.104	1.854
4/18/2021 12:36 PM	0.854	2.295	1.884
4/18/2021 12:42 PM	0.86	2.483	1.916
4/18/2021 12:48 PM	1.161	2.643	1.935
4/18/2021 12:54 PM	1.393	2.757	1.942
4/18/2021 1:00 PM	1.325	2.878	1.918
4/18/2021 1:06 PM	1.392	2.99	1.918
4/18/2021 1:12 PM	1.413	3.07	1.91
4/18/2021 1:18 PM	1.373	3.138	1.885
4/18/2021 1:24 PM	1.376	3.198	1.858
4/18/2021 1:30 PM	1.344	3.222	1.872
4/18/2021 1:36 PM	1.268	3.238	1.912
4/18/2021 1:42 PM	1.235	3.218	1.947
4/18/2021 1:48 PM	1.216	3.144	1.928
4/18/2021 1:54 PM	1.28	3.065	1.908
4/18/2021 2:00 PM	1.309	2.981	1.956
4/18/2021 2:06 PM	1.291	2.902	2.037

Opacity Data Summary Report

Company: New York City D.E.P.
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 New York, NY 10031
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/18/2021 2:12 PM	1.219	2.869	2.091
4/18/2021 2:18 PM	1.146	2.899	2.05
4/18/2021 2:24 PM	1.13	2.946	1.994
4/18/2021 2:30 PM	1.202	2.967	1.96
4/18/2021 2:36 PM	1.257	2.951	1.882
4/18/2021 2:42 PM	1.244	2.91	1.819
4/18/2021 2:48 PM	1.203	2.829	1.804
4/18/2021 2:54 PM	1.17	2.756	1.811
4/18/2021 3:00 PM	1.122	2.708	1.863
4/18/2021 3:06 PM	1.087	2.718	1.84
4/18/2021 3:12 PM	1.05	2.751	1.837
4/18/2021 3:18 PM	1.058	2.779	1.768
4/18/2021 3:24 PM	1.052	2.775	1.483
4/18/2021 3:30 PM	1.018	2.766	1.359
4/18/2021 3:36 PM	0.991	2.752	1.386
4/18/2021 3:42 PM	1.004	2.723	1.415
4/18/2021 3:48 PM	1.03	2.696	1.487
4/18/2021 3:54 PM	0.984	2.678	1.515
4/18/2021 4:00 PM	0.968	2.665	1.533
4/18/2021 4:06 PM	0.849	2.649	1.562
4/18/2021 4:12 PM	0.776	2.613	1.59
4/18/2021 4:18 PM	0.93	2.545	1.627
4/18/2021 4:24 PM	1.089	2.486	1.622
4/18/2021 4:30 PM	1.219	2.443	1.628
4/18/2021 4:36 PM	1.301	2.418	1.645
4/18/2021 4:42 PM	1.327	2.424	1.651
4/18/2021 4:48 PM	1.318	2.436	1.646
4/18/2021 4:54 PM	1.298	2.445	1.639
4/18/2021 5:00 PM	1.283	2.435	1.616
4/18/2021 5:06 PM	1.291	2.428	1.623
4/18/2021 5:12 PM	1.269	2.436	1.631
4/18/2021 5:18 PM	1.24	2.434	1.631
4/18/2021 5:24 PM	1.226	2.418	1.665
4/18/2021 5:30 PM	1.225	2.393	1.653
4/18/2021 5:36 PM	1.217	2.376	1.607
4/18/2021 5:42 PM	1.183	2.359	1.613
4/18/2021 5:48 PM	1.114	2.338	1.637
4/18/2021 5:54 PM	1.116	2.343	1.655
4/18/2021 6:00 PM	1.152	2.349	1.667
4/18/2021 6:06 PM	1.152	2.348	1.665
4/18/2021 6:12 PM	1.149	2.338	1.629
4/18/2021 6:18 PM	1.138	2.318	1.662
4/18/2021 6:24 PM	1.085	2.279	1.715
4/18/2021 6:30 PM	1.056	2.246	1.697
4/18/2021 6:36 PM	1.074	2.23	1.652
4/18/2021 6:42 PM	1.069	2.205	1.647
4/18/2021 6:48 PM	1.04	2.182	1.682
4/18/2021 6:54 PM	1.013	2.17	1.699
4/18/2021 7:00 PM	1.064	2.173	1.686
4/18/2021 7:06 PM	1.104	2.177	1.685
4/18/2021 7:12 PM	1.079	2.165	1.673
4/18/2021 7:18 PM	1.103	2.159	1.657
4/18/2021 7:24 PM	1.145	2.164	1.655
4/18/2021 7:30 PM	1.167	2.163	1.66

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/18/2021 7:36 PM	1.143	2.149	1.687
4/18/2021 7:42 PM	1.089	2.14	1.698
4/18/2021 7:48 PM	1.024	2.139	1.714
4/18/2021 7:54 PM	1.005	2.145	1.714
4/18/2021 8:00 PM	1.022	2.156	1.747
4/18/2021 8:06 PM	1.031	2.155	1.788
4/18/2021 8:12 PM	1.046	2.155	1.767
4/18/2021 8:18 PM	1.038	2.162	1.777
4/18/2021 8:24 PM	1.008	2.172	1.794
4/18/2021 8:30 PM	1.011	2.185	1.747
4/18/2021 8:36 PM	1.004	2.209	1.748
4/18/2021 8:42 PM	1.001	2.225	1.765
4/18/2021 8:48 PM	0.999	2.22	1.744
4/18/2021 8:54 PM	1.001	2.188	1.715
4/18/2021 9:00 PM	1	2.127	1.705
4/18/2021 9:06 PM	0.994	2.058	1.697
4/18/2021 9:12 PM	0.993	2.009	1.691
4/18/2021 9:18 PM	0.992	1.976	1.711
4/18/2021 9:24 PM	0.977	1.936	1.722
4/18/2021 9:30 PM	0.947	1.902	1.712
4/18/2021 9:36 PM	0.926	1.884	1.684
4/18/2021 9:42 PM	0.925	1.882	1.693
4/18/2021 9:48 PM	0.921	1.901	1.735
4/18/2021 9:54 PM	0.909	1.923	1.768
4/18/2021 10:00 PM	0.906	1.927	1.761
4/18/2021 10:06 PM	0.899	1.948	1.708
4/18/2021 10:12 PM	0.901	1.98	1.673
4/18/2021 10:18 PM	0.92	2.003	1.683
4/18/2021 10:24 PM	0.92	2.021	1.649
4/18/2021 10:30 PM	0.922	2.034	1.63
4/18/2021 10:36 PM	0.936	2.041	1.619
4/18/2021 10:42 PM	0.938	2.046	1.602
4/18/2021 10:48 PM	0.938	2.048	1.613
4/18/2021 10:54 PM	0.922	2.07	1.624
4/18/2021 11:00 PM	0.895	2.092	1.613
4/18/2021 11:06 PM	0.862	2.107	1.619
4/18/2021 11:12 PM	0.852	2.111	1.594
4/18/2021 11:18 PM	0.855	2.099	1.594
4/18/2021 11:24 PM	0.87	2.084	1.611
4/18/2021 11:30 PM	0.88	2.069	1.603
4/18/2021 11:36 PM	0.86	2.06	1.574
4/18/2021 11:42 PM	0.865	2.063	1.587
4/18/2021 11:48 PM	0.87	2.079	1.56
4/18/2021 11:54 PM	0.889	2.106	1.546
4/19/2021 12:00 AM	0.9	2.136	1.565
4/19/2021 12:06 AM	0.994	2.177	1.554
4/19/2021 12:12 AM	1.078	2.237	0.759
4/19/2021 12:18 AM	0.949	2.292	0.071
4/19/2021 12:24 AM	0.82	2.334	0.076
4/19/2021 12:30 AM	0.732	2.361	0.095
4/19/2021 12:36 AM	0.705	2.377	0.091
4/19/2021 12:42 AM	0.71	2.382	0.09
4/19/2021 12:48 AM	0.718	2.391	0.087
4/19/2021 12:54 AM	0.76	2.4	0.096

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/19/2021 1:00 AM	0.832	2.419	0.093
4/19/2021 1:06 AM	0.848	2.448	0.084
4/19/2021 1:12 AM	0.895	2.479	0.087
4/19/2021 1:18 AM	1.003	2.508	0.083
4/19/2021 1:24 AM	1.053	2.533	0.071
4/19/2021 1:30 AM	1.065	2.562	0.083
4/19/2021 1:36 AM	1.084	2.552	0.087
4/19/2021 1:42 AM	1.136	2.548	0.074
4/19/2021 1:48 AM	1.205	2.551	0.067
4/19/2021 1:54 AM	1.225	2.551	0.07
4/19/2021 2:00 AM	1.193	2.566	0.069
4/19/2021 2:06 AM	1.204	2.573	0.078
4/19/2021 2:12 AM	1.21	2.586	0.091
4/19/2021 2:18 AM	1.166	2.591	0.09
4/19/2021 2:24 AM	1.132	2.59	0.093
4/19/2021 2:30 AM	1.141	2.608	0.099
4/19/2021 2:36 AM	1.195	2.641	0.111
4/19/2021 2:42 AM	1.225	2.664	0.121
4/19/2021 2:48 AM	1.215	2.67	0.133
4/19/2021 2:54 AM	1.178	2.676	0.132
4/19/2021 3:00 AM	1.147	2.684	0.124
4/19/2021 3:06 AM	1.126	2.692	0.126
4/19/2021 3:12 AM	1.143	2.706	0.127
4/19/2021 3:18 AM	1.147	2.678	0.128
4/19/2021 3:24 AM	1.142	2.628	0.139
4/19/2021 3:30 AM	1.159	2.561	0.141
4/19/2021 3:36 AM	1.166	2.504	0.147
4/19/2021 3:42 AM	1.15	2.477	0.138
4/19/2021 3:48 AM	1.194	2.505	0.143
4/19/2021 3:54 AM	1.213	2.564	0.146
4/19/2021 4:00 AM	1.207	2.607	0.133
4/19/2021 4:06 AM	1.079	2.638	0.134
4/19/2021 4:12 AM	0.636	2.691	0.136
4/19/2021 4:18 AM	0.463	2.719	0.145
4/19/2021 4:24 AM	0.514	2.73	0.162
4/19/2021 4:30 AM	0.551	2.734	0.144
4/19/2021 4:36 AM	0.578	2.743	0.137
4/19/2021 4:42 AM	0.574	2.73	0.137
4/19/2021 4:48 AM	0.582	2.702	0.128
4/19/2021 4:54 AM	0.589	2.688	0.121
4/19/2021 5:00 AM	0.608	2.65	0.135
4/19/2021 5:06 AM	0.601	2.565	0.148
4/19/2021 5:12 AM	0.611	2.502	0.148
4/19/2021 5:18 AM	0.615	2.429	0.154
4/19/2021 5:24 AM	0.586	2.399	0.158
4/19/2021 5:30 AM	0.567	2.414	0.164
4/19/2021 5:36 AM	0.589	2.44	0.181
4/19/2021 5:42 AM	0.571	2.538	0.17
4/19/2021 5:48 AM	0.57	2.929	0.166
4/19/2021 5:54 AM	0.581	3.33	0.162
4/19/2021 6:00 AM	0.7	3.382	0.16
4/19/2021 6:06 AM	0.742	3.367	0.162
4/19/2021 6:12 AM	0.711	3.354	0.161
4/19/2021 6:18 AM	0.724	3.184	0.177

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/19/2021 6:24 AM	0.706	3.125	0.188
4/19/2021 6:30 AM	0.723	3.126	0.186
4/19/2021 6:36 AM	0.74	2.943	0.183
4/19/2021 6:42 AM	0.718	2.753	0.167
4/19/2021 6:48 AM	0.69	2.581	0.154
4/19/2021 6:54 AM	0.91	2.418	0.144
4/19/2021 7:00 AM	1.294	2.264	0.137
4/19/2021 7:06 AM	1.403	2.177	0.131
4/19/2021 7:12 AM	1.395	2.127	0.127
4/19/2021 7:18 AM	1.411	2.065	0.129
4/19/2021 7:24 AM	1.407	2.026	0.14
4/19/2021 7:30 AM	1.382	2.011	0.13
4/19/2021 7:36 AM	1.344	2.004	0.109
4/19/2021 7:42 AM	1.308	2.013	0.1
4/19/2021 7:48 AM	1.337	2.033	0.089
4/19/2021 7:54 AM	1.353	2.065	0.085
4/19/2021 8:00 AM	1.307	2.059	1.295
4/19/2021 8:06 AM	1.161	1.923	5.123
4/19/2021 8:12 AM	0.979	1.745	4.307
4/19/2021 8:18 AM	1.028	1.634	2.902
4/19/2021 8:24 AM	1.06	1.588	2.47
4/19/2021 8:30 AM	1.026	1.595	2.235
4/19/2021 8:36 AM	1.001	1.642	2.196
4/19/2021 8:42 AM	0.982	1.68	2.178
4/19/2021 8:48 AM	1.004	1.707	2.184
4/19/2021 8:54 AM	0.937	1.735	2.26
4/19/2021 9:00 AM	0.772	1.739	2.406
4/19/2021 9:06 AM	0.719	1.736	2.53
4/19/2021 9:12 AM	0.714	1.739	2.608
4/19/2021 9:18 AM	0.678	1.745	2.593
4/19/2021 9:24 AM	0.683	1.754	2.53
4/19/2021 9:30 AM	0.704	1.758	2.476
4/19/2021 9:36 AM	0.703	1.741	2.431
4/19/2021 9:42 AM	0.685	1.706	2.353
4/19/2021 9:48 AM	0.713	1.62	2.277
4/19/2021 9:54 AM	0.789	1.499	2.216
4/19/2021 10:00 AM	0.845	1.504	2.179
4/19/2021 10:06 AM	0.876	1.59	2.119
4/19/2021 10:12 AM	0.87	1.693	2.026
4/19/2021 10:18 AM	0.887	1.764	1.99
4/19/2021 10:24 AM	0.924	1.896	1.956
4/19/2021 10:30 AM	0.927	2.104	1.904
4/19/2021 10:36 AM	0.943	2.266	1.878
4/19/2021 10:42 AM	0.985	2.364	1.87
4/19/2021 10:48 AM	1.039	2.474	1.804
4/19/2021 10:54 AM	1.087	2.557	1.765
4/19/2021 11:00 AM	1.137	2.6	1.758
4/19/2021 11:06 AM	1.19	2.626	1.742
4/19/2021 11:12 AM	1.198	2.661	1.685
4/19/2021 11:18 AM	1.164	2.673	1.666
4/19/2021 11:24 AM	1.101	2.643	1.68
4/19/2021 11:30 AM	1.056	2.58	1.66
4/19/2021 11:36 AM	1.074	2.552	1.657
4/19/2021 11:42 AM	1.088	2.576	1.681

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/19/2021 11:48 AM	1.127	2.63	1.692
4/19/2021 11:54 AM	1.126	2.692	1.702
4/19/2021 12:00 PM	1.132	2.726	1.688
4/19/2021 12:06 PM	1.208	2.715	1.732
4/19/2021 12:12 PM	1.164	2.694	1.705
4/19/2021 12:18 PM	1.117	2.678	1.663
4/19/2021 12:24 PM	1.153	2.635	1.705
4/19/2021 12:30 PM	1.18	2.592	1.793
4/19/2021 12:36 PM	1.193	2.601	1.837
4/19/2021 12:42 PM	1.172	2.644	1.805
4/19/2021 12:48 PM	1.113	2.694	1.765
4/19/2021 12:54 PM	1.085	2.731	1.701
4/19/2021 1:00 PM	1.105	2.762	1.674
4/19/2021 1:06 PM	1.127	2.844	1.683
4/19/2021 1:12 PM	1.082	2.945	1.691
4/19/2021 1:18 PM	1.066	3.001	1.689
4/19/2021 1:24 PM	1.121	3.029	1.653
4/19/2021 1:30 PM	1.166	3.066	1.642
4/19/2021 1:36 PM	1.137	3.12	1.662
4/19/2021 1:42 PM	1.114	3.156	1.693
4/19/2021 1:48 PM	1.123	3.137	1.684
4/19/2021 1:54 PM	1.124	3.106	1.655
4/19/2021 2:00 PM	1.118	3.074	1.613
4/19/2021 2:06 PM	1.112	3.033	1.608
4/19/2021 2:12 PM	1.115	2.945	1.628
4/19/2021 2:18 PM	1.124	2.85	1.67
4/19/2021 2:24 PM	1.211	2.803	1.661
4/19/2021 2:30 PM	1.248	2.774	1.629
4/19/2021 2:36 PM	1.218	2.755	1.624
4/19/2021 2:42 PM	1.194	2.716	1.668
4/19/2021 2:48 PM	1.203	2.723	1.68
4/19/2021 2:54 PM	1.218	2.771	1.69
4/19/2021 3:00 PM	1.154	2.798	1.713
4/19/2021 3:06 PM	1.109	2.771	1.691
4/19/2021 3:12 PM	1.066	2.706	1.705
4/19/2021 3:18 PM	1.069	2.642	1.703
4/19/2021 3:24 PM	1.05	2.623	1.718
4/19/2021 3:30 PM	1.034	2.686	1.729
4/19/2021 3:36 PM	1.077	2.753	1.712
4/19/2021 3:42 PM	1.107	2.758	1.691
4/19/2021 3:48 PM	1.095	2.717	1.653
4/19/2021 3:54 PM	1.09	2.693	1.642
4/19/2021 4:00 PM	1.069	2.665	1.677
4/19/2021 4:06 PM	1.077	2.555	1.727
4/19/2021 4:12 PM	1.145	2.455	1.723
4/19/2021 4:18 PM	1.185	2.338	1.718
4/19/2021 4:24 PM	0.865	2.262	1.692
4/19/2021 4:30 PM	0.637	2.198	1.651
4/19/2021 4:36 PM	0.776	2.166	1.652
4/19/2021 4:42 PM	0.89	2.168	1.671
4/19/2021 4:48 PM	0.98	2.165	1.676
4/19/2021 4:54 PM	1.054	2.159	1.689
4/19/2021 5:00 PM	1.066	2.155	1.673
4/19/2021 5:06 PM	1.073	2.14	1.692

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/19/2021 5:12 PM	1.093	2.164	1.687
4/19/2021 5:18 PM	1.093	2.274	1.672
4/19/2021 5:24 PM	1.06	2.263	1.705
4/19/2021 5:30 PM	0.996	2.169	1.705
4/19/2021 5:36 PM	0.972	2.168	1.709
4/19/2021 5:42 PM	1.02	2.22	1.716
4/19/2021 5:48 PM	1.067	2.375	1.712
4/19/2021 5:54 PM	1.023	2.594	1.765
4/19/2021 6:00 PM	0.995	2.756	1.755
4/19/2021 6:06 PM	0.944	2.875	1.718
4/19/2021 6:12 PM	0.974	2.994	1.731
4/19/2021 6:18 PM	1.007	3.1	1.729
4/19/2021 6:24 PM	0.984	3.196	1.758
4/19/2021 6:30 PM	0.96	3.312	1.796
4/19/2021 6:36 PM	0.918	3.385	1.727
4/19/2021 6:42 PM	0.892	3.425	1.665
4/19/2021 6:48 PM	0.936	3.423	1.67
4/19/2021 6:54 PM	0.952	3.419	1.709
4/19/2021 7:00 PM	0.858	3.457	1.703
4/19/2021 7:06 PM	0.773	3.598	1.7
4/19/2021 7:12 PM	0.755	3.545	1.748
4/19/2021 7:18 PM	0.772	3.41	1.802
4/19/2021 7:24 PM	0.796	3.408	1.803
4/19/2021 7:30 PM	0.794	3.407	1.765
4/19/2021 7:36 PM	0.801	3.403	1.766
4/19/2021 7:42 PM	0.854	3.413	1.718
4/19/2021 7:48 PM	0.873	3.418	1.643
4/19/2021 7:54 PM	0.933	3.394	1.651
4/19/2021 8:00 PM	0.974	3.35	1.7
4/19/2021 8:06 PM	0.933	3.279	1.722
4/19/2021 8:12 PM	0.915	3.204	1.73
4/19/2021 8:18 PM	0.942	3.13	1.721
4/19/2021 8:24 PM	0.933	3.06	1.718
4/19/2021 8:30 PM	0.896	3.001	1.727
4/19/2021 8:36 PM	0.887	2.953	1.735
4/19/2021 8:42 PM	0.89	2.932	1.701
4/19/2021 8:48 PM	0.869	2.931	1.672
4/19/2021 8:54 PM	0.819	2.909	1.727
4/19/2021 9:00 PM	0.789	2.91	1.707
4/19/2021 9:06 PM	0.803	2.921	1.655
4/19/2021 9:12 PM	0.783	2.916	1.644
4/19/2021 9:18 PM	0.746	2.909	1.658
4/19/2021 9:24 PM	0.767	2.9	1.695
4/19/2021 9:30 PM	0.734	2.894	1.714
4/19/2021 9:36 PM	0.705	2.89	1.704
4/19/2021 9:42 PM	0.694	2.888	1.726
4/19/2021 9:48 PM	0.667	2.873	1.706
4/19/2021 9:54 PM	0.697	2.851	1.684
4/19/2021 10:00 PM	0.698	2.825	1.738
4/19/2021 10:06 PM	0.689	2.788	1.771
4/19/2021 10:12 PM	0.692	2.758	1.729
4/19/2021 10:18 PM	0.654	2.741	1.691
4/19/2021 10:24 PM	0.616	2.724	1.691
4/19/2021 10:30 PM	0.58	2.703	1.706

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/19/2021 10:36 PM	0.581	2.673	1.697
4/19/2021 10:42 PM	0.593	2.646	1.718
4/19/2021 10:48 PM	0.639	2.638	1.738
4/19/2021 10:54 PM	0.703	2.628	1.749
4/19/2021 11:00 PM	0.691	2.623	1.754
4/19/2021 11:06 PM	0.641	2.661	1.742
4/19/2021 11:12 PM	0.642	2.716	1.776
4/19/2021 11:18 PM	0.638	2.766	1.792
4/19/2021 11:24 PM	0.634	2.789	1.77
4/19/2021 11:30 PM	0.649	2.808	1.776
4/19/2021 11:36 PM	0.762	2.836	1.766
4/19/2021 11:42 PM	0.924	2.865	1.719
4/19/2021 11:48 PM	1.033	2.905	1.678
4/19/2021 11:54 PM	1.056	2.936	1.684
4/20/2021 12:00 AM	1.053	2.95	1.697
4/20/2021 12:06 AM	1.08	2.953	1.695
4/20/2021 12:12 AM	1.12	2.959	1.734
4/20/2021 12:18 AM	1.157	2.973	1.738
4/20/2021 12:24 AM	1.174	2.998	1.737
4/20/2021 12:30 AM	1.165	3.023	1.752
4/20/2021 12:36 AM	1.153	3.028	1.762
4/20/2021 12:42 AM	1.128	3.039	1.698
4/20/2021 12:48 AM	1.099	3.056	1.638
4/20/2021 12:54 AM	1.058	3.054	1.657
4/20/2021 1:00 AM	1.026	3.053	1.694
4/20/2021 1:06 AM	1.004	3.058	1.671
4/20/2021 1:12 AM	0.994	3.074	1.597
4/20/2021 1:18 AM	0.988	3.093	1.591
4/20/2021 1:24 AM	0.982	3.094	1.612
4/20/2021 1:30 AM	0.977	3.086	1.662
4/20/2021 1:36 AM	0.95	3.087	1.708
4/20/2021 1:42 AM	0.589	3.102	2.086
4/20/2021 1:48 AM	-0.036	3.113	2.255
4/20/2021 1:54 AM	-0.251	3.11	2.184
4/20/2021 2:00 AM	-0.271	3.102	2.168
4/20/2021 2:06 AM	-0.253	3.114	2.182
4/20/2021 2:12 AM	-0.266	3.121	2.214
4/20/2021 2:18 AM	-0.223	3.119	2.293
4/20/2021 2:24 AM	-0.234	3.12	2.267
4/20/2021 2:30 AM	-0.207	3.122	2.267
4/20/2021 2:36 AM	-0.163	3.111	2.25
4/20/2021 2:42 AM	-0.128	3.105	2.181
4/20/2021 2:48 AM	-0.153	3.1	2.194
4/20/2021 2:54 AM	-0.113	3.089	2.188
4/20/2021 3:00 AM	-0.042	3.085	2.229
4/20/2021 3:06 AM	-0.041	3.08	2.219
4/20/2021 3:12 AM	-0.003	3.081	2.254
4/20/2021 3:18 AM	-0.021	3.092	2.251
4/20/2021 3:24 AM	-0.037	3.104	2.209
4/20/2021 3:30 AM	0.011	3.103	2.206
4/20/2021 3:36 AM	0.03	3.099	2.203
4/20/2021 3:42 AM	0.022	3.112	2.228
4/20/2021 3:48 AM	0.033	3.131	2.258
4/20/2021 3:54 AM	0.053	3.145	2.309

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/20/2021 4:00 AM	0.057	3.16	2.308
4/20/2021 4:06 AM	0.069	3.169	2.226
4/20/2021 4:12 AM	0.094	3.173	2.148
4/20/2021 4:18 AM	0.132	3.181	2.224
4/20/2021 4:24 AM	0.102	3.192	2.302
4/20/2021 4:30 AM	0.126	3.198	2.264
4/20/2021 4:36 AM	0.148	3.202	2.198
4/20/2021 4:42 AM	0.146	3.213	2.199
4/20/2021 4:48 AM	0.163	3.222	2.192
4/20/2021 4:54 AM	0.148	3.228	2.182
4/20/2021 5:00 AM	0.132	3.231	2.155
4/20/2021 5:06 AM	0.135	3.236	2.134
4/20/2021 5:12 AM	0.168	3.261	2.142
4/20/2021 5:18 AM	0.168	3.29	2.119
4/20/2021 5:24 AM	0.195	3.35	2.121
4/20/2021 5:30 AM	0.185	3.493	2.152
4/20/2021 5:36 AM	0.201	3.658	2.198
4/20/2021 5:42 AM	0.191	3.874	2.195
4/20/2021 5:48 AM	0.192	4.123	2.227
4/20/2021 5:54 AM	0.259	4.202	2.203
4/20/2021 6:00 AM	0.286	4.221	2.177
4/20/2021 6:06 AM	0.258	4.248	2.174
4/20/2021 6:12 AM	0.244	4.231	2.171
4/20/2021 6:18 AM	0.286	4.169	2.165
4/20/2021 6:24 AM	0.315	4.108	2.095
4/20/2021 6:30 AM	0.368	4.06	2.317
4/20/2021 6:36 AM	0.385	3.976	2.344
4/20/2021 6:42 AM	0.358	3.863	2.078
4/20/2021 6:48 AM	0.374	3.737	2.005
4/20/2021 6:54 AM	0.413	3.642	2.01
4/20/2021 7:00 AM	0.442	3.606	2.052
4/20/2021 7:06 AM	0.483	3.567	2.029
4/20/2021 7:12 AM	0.478	3.49	1.985
4/20/2021 7:18 AM	0.488	3.404	1.97
4/20/2021 7:24 AM	0.537	3.365	2.01
4/20/2021 7:30 AM	0.558	3.403	2.049
4/20/2021 7:36 AM	0.561	3.482	2.03
4/20/2021 7:42 AM	1.946	3.547	2.028
4/20/2021 7:48 AM	3.418	3.581	1.602
4/20/2021 7:54 AM	2.886	3.632	1.373
4/20/2021 8:00 AM	2.587	3.606	1.462
4/20/2021 8:06 AM	2.497	3.452	1.512
4/20/2021 8:12 AM	2.365	3.317	1.481
4/20/2021 8:18 AM	2.242	3.233	1.474
4/20/2021 8:24 AM	2.087	3.132	1.456
4/20/2021 8:30 AM	1.915	3.027	1.441
4/20/2021 8:36 AM	1.717	2.897	1.426
4/20/2021 8:42 AM	1.531	2.673	1.414
4/20/2021 8:48 AM	1.383	2.373	1.417
4/20/2021 8:54 AM	1.21	2.119	1.408
4/20/2021 9:00 AM	1	2.053	1.467
4/20/2021 9:06 AM	0.844	2.065	1.486
4/20/2021 9:12 AM	0.918	2.071	1.476
4/20/2021 9:18 AM	1.165	2.098	1.509

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/20/2021 9:24 AM	1.314	2.136	1.561
4/20/2021 9:30 AM	1.385	2.173	1.572
4/20/2021 9:36 AM	1.424	2.215	1.529
4/20/2021 9:42 AM	1.456	2.191	1.538
4/20/2021 9:48 AM	1.457	2.184	1.525
4/20/2021 9:54 AM	1.383	2.205	1.495
4/20/2021 10:00 AM	1.18	2.251	1.541
4/20/2021 10:06 AM	1.226	2.338	1.517
4/20/2021 10:12 AM	1.347	2.458	1.497
4/20/2021 10:18 AM	1.38	2.585	1.537
4/20/2021 10:24 AM	1.415	2.668	1.534
4/20/2021 10:30 AM	1.488	2.705	1.563
4/20/2021 10:36 AM	1.515	2.715	1.596
4/20/2021 10:42 AM	1.475	2.674	1.602
4/20/2021 10:48 AM	1.464	2.617	1.622
4/20/2021 10:54 AM	1.404	2.668	1.591
4/20/2021 11:00 AM	1.378	2.746	1.504
4/20/2021 11:06 AM	1.412	2.795	1.425
4/20/2021 11:12 AM	1.398	2.818	1.415
4/20/2021 11:18 AM	1.334	2.801	1.437
4/20/2021 11:24 AM	1.356	2.724	1.408
4/20/2021 11:30 AM	1.362	2.549	1.441
4/20/2021 11:36 AM	1.33	2.454	1.475
4/20/2021 11:42 AM	1.296	2.524	1.451
4/20/2021 11:48 AM	1.276	2.579	1.427
4/20/2021 11:54 AM	1.245	2.647	1.423
4/20/2021 12:00 PM	Calib	Calib	Calib
4/20/2021 12:06 PM	1.061	2.49	1.421
4/20/2021 12:12 PM	1.03	2.439	1.403
4/20/2021 12:18 PM	1.075	2.407	1.365
4/20/2021 12:24 PM	1.122	2.399	1.367
4/20/2021 12:30 PM	1.1	2.493	1.411
4/20/2021 12:36 PM	1.052	2.677	1.422
4/20/2021 12:42 PM	1.032	2.856	1.424
4/20/2021 12:48 PM	1.012	2.987	1.443
4/20/2021 12:54 PM	1.012	3.101	1.461
4/20/2021 1:00 PM	0.998	3.176	1.474
4/20/2021 1:06 PM	0.928	3.141	1.443
4/20/2021 1:12 PM	0.934	3.003	1.421
4/20/2021 1:18 PM	0.92	2.822	1.422
4/20/2021 1:24 PM	0.88	2.613	1.428
4/20/2021 1:30 PM	0.878	2.398	1.445
4/20/2021 1:36 PM	0.855	2.247	1.442
4/20/2021 1:42 PM	0.871	2.239	1.468
4/20/2021 1:48 PM	0.883	2.415	1.49
4/20/2021 1:54 PM	0.885	2.748	1.452
4/20/2021 2:00 PM	0.856	2.98	1.447
4/20/2021 2:06 PM	0.839	3.148	1.476
4/20/2021 2:12 PM	0.814	3.288	1.459
4/20/2021 2:18 PM	0.848	3.324	1.476
4/20/2021 2:24 PM	0.885	3.222	1.465
4/20/2021 2:30 PM	0.848	3.18	1.441
4/20/2021 2:36 PM	0.83	3.098	1.442
4/20/2021 2:42 PM	0.83	2.961	1.485

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/20/2021 2:48 PM	0.837	2.818	1.526
4/20/2021 2:54 PM	0.85	2.758	1.513
4/20/2021 3:00 PM	0.878	2.849	1.484
4/20/2021 3:06 PM	0.877	2.957	1.462
4/20/2021 3:12 PM	0.864	3.204	1.452
4/20/2021 3:18 PM	0.878	3.484	1.466
4/20/2021 3:24 PM	0.861	3.699	1.444
4/20/2021 3:30 PM	0.834	3.836	1.447
4/20/2021 3:36 PM	0.852	3.952	1.455
4/20/2021 3:42 PM	0.795	4.041	1.443
4/20/2021 3:48 PM	0.656	4.061	1.5
4/20/2021 3:54 PM	0.876	4.05	1.556
4/20/2021 4:00 PM	1.1	4.068	1.554
4/20/2021 4:06 PM	1.221	4.11	1.57
4/20/2021 4:12 PM	1.379	4.104	1.565
4/20/2021 4:18 PM	1.635	3.975	1.53
4/20/2021 4:24 PM	1.715	3.703	1.529
4/20/2021 4:30 PM	1.66	3.322	1.524
4/20/2021 4:36 PM	1.615	3.06	1.519
4/20/2021 4:42 PM	1.673	3.147	1.514
4/20/2021 4:48 PM	1.697	3.35	1.515
4/20/2021 4:54 PM	1.677	3.338	1.525
4/20/2021 5:00 PM	1.76	3.252	1.54
4/20/2021 5:06 PM	1.805	3.163	1.539
4/20/2021 5:12 PM	1.789	2.983	1.526
4/20/2021 5:18 PM	1.763	2.904	1.51
4/20/2021 5:24 PM	1.7	2.806	1.51
4/20/2021 5:30 PM	1.668	2.632	1.511
4/20/2021 5:36 PM	1.64	2.52	1.501
4/20/2021 5:42 PM	1.635	2.476	1.508
4/20/2021 5:48 PM	1.566	2.477	1.535
4/20/2021 5:54 PM	1.537	2.475	1.556
4/20/2021 6:00 PM	1.55	2.479	1.533
4/20/2021 6:06 PM	1.514	2.485	1.531
4/20/2021 6:12 PM	1.455	2.555	1.534
4/20/2021 6:18 PM	1.429	2.723	1.53
4/20/2021 6:24 PM	1.42	2.941	1.525
4/20/2021 6:30 PM	1.343	3.193	1.564
4/20/2021 6:36 PM	1.291	3.428	1.6
4/20/2021 6:42 PM	1.306	3.607	1.603
4/20/2021 6:48 PM	1.355	3.725	1.606
4/20/2021 6:54 PM	1.428	3.783	1.599
4/20/2021 7:00 PM	1.452	3.801	1.607
4/20/2021 7:06 PM	1.427	3.764	1.586
4/20/2021 7:12 PM	1.394	3.555	1.579
4/20/2021 7:18 PM	1.362	3.452	1.58
4/20/2021 7:24 PM	1.414	3.456	1.578
4/20/2021 7:30 PM	1.458	3.459	1.582
4/20/2021 7:36 PM	1.431	3.427	1.626
4/20/2021 7:42 PM	1.431	3.38	1.636
4/20/2021 7:48 PM	1.466	3.36	1.609
4/20/2021 7:54 PM	1.49	3.334	1.572
4/20/2021 8:00 PM	1.562	3.306	1.578
4/20/2021 8:06 PM	1.568	3.266	1.594

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/20/2021 8:12 PM	1.529	3.226	1.574
4/20/2021 8:18 PM	1.587	3.207	1.556
4/20/2021 8:24 PM	1.564	3.187	1.579
4/20/2021 8:30 PM	1.481	3.18	1.596
4/20/2021 8:36 PM	1.451	3.169	1.557
4/20/2021 8:42 PM	1.439	3.147	1.528
4/20/2021 8:48 PM	1.394	3.121	1.506
4/20/2021 8:54 PM	1.374	3.102	1.527
4/20/2021 9:00 PM	1.397	3.094	1.517
4/20/2021 9:06 PM	1.444	3.103	1.541
4/20/2021 9:12 PM	1.501	3.114	1.541
4/20/2021 9:18 PM	1.479	3.112	1.52
4/20/2021 9:24 PM	1.4	3.104	1.496
4/20/2021 9:30 PM	1.378	3.107	1.515
4/20/2021 9:36 PM	1.444	3.107	1.496
4/20/2021 9:42 PM	1.409	3.102	1.513
4/20/2021 9:48 PM	1.421	3.099	1.541
4/20/2021 9:54 PM	1.469	3.099	1.539
4/20/2021 10:00 PM	1.463	3.097	1.547
4/20/2021 10:06 PM	1.456	3.094	1.535
4/20/2021 10:12 PM	1.414	3.084	1.511
4/20/2021 10:18 PM	1.363	3.062	1.524
4/20/2021 10:24 PM	1.302	3.052	1.514
4/20/2021 10:30 PM	1.234	3.041	1.515
4/20/2021 10:36 PM	1.154	3.029	1.508
4/20/2021 10:42 PM	1.185	3.025	1.485
4/20/2021 10:48 PM	1.209	3.019	1.496
4/20/2021 10:54 PM	1.171	3.008	1.51
4/20/2021 11:00 PM	1.145	2.994	1.524
4/20/2021 11:06 PM	1.158	2.983	1.559
4/20/2021 11:12 PM	1.193	2.989	1.583
4/20/2021 11:18 PM	1.257	3.011	1.54
4/20/2021 11:24 PM	1.311	3.047	1.496
4/20/2021 11:30 PM	1.251	3.067	1.473
4/20/2021 11:36 PM	1.27	3.078	1.47
4/20/2021 11:42 PM	1.345	3.087	1.488
4/20/2021 11:48 PM	1.328	3.091	1.501
4/20/2021 11:54 PM	1.286	3.07	1.511
4/21/2021 12:00 AM	1.261	3.034	1.518
4/21/2021 12:06 AM	1.217	2.983	1.528
4/21/2021 12:12 AM	1.159	2.952	1.549
4/21/2021 12:18 AM	1.159	2.957	1.543
4/21/2021 12:24 AM	1.209	2.972	1.548
4/21/2021 12:30 AM	1.217	2.99	1.56
4/21/2021 12:36 AM	1.185	3.013	1.565
4/21/2021 12:42 AM	1.157	3.044	1.516
4/21/2021 12:48 AM	1.133	3.054	1.486
4/21/2021 12:54 AM	1.073	3.041	1.477
4/21/2021 1:00 AM	1.044	3.032	1.472
4/21/2021 1:06 AM	1.068	3.035	1.479
4/21/2021 1:12 AM	1.102	3.021	1.496
4/21/2021 1:18 AM	1.121	2.999	1.477
4/21/2021 1:24 AM	1.15	2.992	1.456
4/21/2021 1:30 AM	1.178	3.001	1.444

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/21/2021 1:36 AM	1.199	3.023	1.419
4/21/2021 1:42 AM	1.337	3.046	1.256
4/21/2021 1:48 AM	1.211	3.052	0.567
4/21/2021 1:54 AM	0.849	3.046	0.055
4/21/2021 2:00 AM	0.778	3.037	0.017
4/21/2021 2:06 AM	0.835	3.032	0.04
4/21/2021 2:12 AM	0.886	3.022	0.033
4/21/2021 2:18 AM	0.997	3.009	0.038
4/21/2021 2:24 AM	1.071	2.998	0.053
4/21/2021 2:30 AM	1.018	2.976	0.064
4/21/2021 2:36 AM	1.058	2.973	0.064
4/21/2021 2:42 AM	1.069	2.955	0.048
4/21/2021 2:48 AM	1.026	2.926	0.046
4/21/2021 2:54 AM	0.997	2.901	0.027
4/21/2021 3:00 AM	0.927	2.852	0.039
4/21/2021 3:06 AM	0.885	2.79	0.045
4/21/2021 3:12 AM	0.874	2.748	0.047
4/21/2021 3:18 AM	0.851	2.727	0.052
4/21/2021 3:24 AM	0.86	2.715	0.048
4/21/2021 3:30 AM	0.851	2.727	0.05
4/21/2021 3:36 AM	0.886	2.745	0.055
4/21/2021 3:42 AM	0.901	2.737	0.056
4/21/2021 3:48 AM	0.896	2.718	0.048
4/21/2021 3:54 AM	0.867	2.705	0.049
4/21/2021 4:00 AM	0.848	2.716	0.066
4/21/2021 4:06 AM	0.837	2.713	0.082
4/21/2021 4:12 AM	0.835	2.719	0.075
4/21/2021 4:18 AM	0.664	2.73	0.086
4/21/2021 4:24 AM	0.51	15.804	0.1
4/21/2021 4:30 AM	0.532	19.708	0.108
4/21/2021 4:36 AM	0.525	8.227	0.122
4/21/2021 4:42 AM	0.565	5.761	0.134
4/21/2021 4:48 AM	0.614	4.876	0.135
4/21/2021 4:54 AM	0.626	4.459	0.153
4/21/2021 5:00 AM	0.687	3.957	0.153
4/21/2021 5:06 AM	0.653	3.598	0.159
4/21/2021 5:12 AM	0.6	3.327	0.16
4/21/2021 5:18 AM	0.706	3.195	0.149
4/21/2021 5:24 AM	0.618	3.174	0.149
4/21/2021 5:30 AM	0.381	3.308	0.139
4/21/2021 5:36 AM	0.428	3.575	0.118
4/21/2021 5:42 AM	0.427	3.814	0.094
4/21/2021 5:48 AM	0.418	4.083	0.082
4/21/2021 5:54 AM	0.435	4.241	0.091
4/21/2021 6:00 AM	0.418	4.25	0.089
4/21/2021 6:06 AM	0.426	4.275	0.077
4/21/2021 6:12 AM	0.472	4.28	0.07
4/21/2021 6:18 AM	0.512	4.232	0.06
4/21/2021 6:24 AM	0.532	4.168	0.059
4/21/2021 6:30 AM	0.563	3.962	0.056
4/21/2021 6:36 AM	0.581	3.617	0.05
4/21/2021 6:42 AM	0.564	3.581	0.055
4/21/2021 6:48 AM	0.579	3.759	0.058
4/21/2021 6:54 AM	0.594	3.492	0.04

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/21/2021 7:00 AM	0.589	3.004	0.051
4/21/2021 7:06 AM	0.624	2.655	0.069
4/21/2021 7:12 AM	0.623	2.551	0.076
4/21/2021 7:18 AM	0.616	2.557	0.076
4/21/2021 7:24 AM	0.626	2.673	0.065
4/21/2021 7:30 AM	0.627	2.786	0.067
4/21/2021 7:36 AM	0.642	18.207	0.063
4/21/2021 7:42 AM	0.628	21.612	0.056
4/21/2021 7:48 AM	0.524	7.617	0.057
4/21/2021 7:54 AM	0.271	6.355	0.055
4/21/2021 8:00 AM	0.273	5.597	0.058
4/21/2021 8:06 AM	0.331	4.431	0.062
4/21/2021 8:12 AM	0.396	3.845	0.062
4/21/2021 8:18 AM	0.413	3.62	0.048
4/21/2021 8:24 AM	0.428	3.434	0.041
4/21/2021 8:30 AM	0.43	3.087	0.045
4/21/2021 8:36 AM	0.421	2.736	0.051
4/21/2021 8:42 AM	0.438	2.359	0.068
4/21/2021 8:48 AM	0.473	2.018	0.069
4/21/2021 8:54 AM	0.477	1.781	0.07
4/21/2021 9:00 AM	0.483	1.713	0.083
4/21/2021 9:06 AM	0.492	1.602	0.099
4/21/2021 9:12 AM	0.525	1.548	0.104
4/21/2021 9:18 AM	0.627	1.471	0.102
4/21/2021 9:24 AM	0.713	1.38	0.101
4/21/2021 9:30 AM	0.688	1.392	0.093
4/21/2021 9:36 AM	0.711	1.422	0.099
4/21/2021 9:42 AM	0.787	1.333	0.105
4/21/2021 9:48 AM	0.801	1.237	0.111
4/21/2021 9:54 AM	0.805	1.238	0.117
4/21/2021 10:00 AM	0.829	1.243	0.115
4/21/2021 10:06 AM	0.856	1.22	0.119
4/21/2021 10:12 AM	0.836	1.199	0.125
4/21/2021 10:18 AM	0.828	1.223	0.132
4/21/2021 10:24 AM	0.819	1.215	0.146
4/21/2021 10:30 AM	0.768	1.228	0.156
4/21/2021 10:36 AM	0.804	1.306	0.163
4/21/2021 10:42 AM	0.879	1.295	0.161
4/21/2021 10:48 AM	0.901	1.239	0.159
4/21/2021 10:54 AM	0.851	1.214	0.158
4/21/2021 11:00 AM	0.745	1.198	0.155
4/21/2021 11:06 AM	0.677	1.194	0.138
4/21/2021 11:12 AM	0.629	1.208	0.131
4/21/2021 11:18 AM	0.604	1.239	0.136
4/21/2021 11:24 AM	0.591	1.229	1.206
4/21/2021 11:30 AM	0.651	1.157	3.783
4/21/2021 11:36 AM	0.764	1.15	1.136
4/21/2021 11:42 AM	0.822	1.124	0.205
4/21/2021 11:48 AM	0.869	1.076	0.152
4/21/2021 11:54 AM	0.825	1.096	0.152
4/21/2021 12:00 PM	0.829	1.137	0.152
4/21/2021 12:06 PM	1.131	1.102	0.16
4/21/2021 12:12 PM	1.235	1.135	0.169
4/21/2021 12:18 PM	1.32	1.149	0.182

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/21/2021 12:24 PM	1.375	1.081	0.186
4/21/2021 12:30 PM	1.3	1.044	0.175
4/21/2021 12:36 PM	1.165	1.118	0.18
4/21/2021 12:42 PM	1.155	1.148	0.186
4/21/2021 12:48 PM	1.194	1.102	0.184
4/21/2021 12:54 PM	1.198	1.096	0.19
4/21/2021 1:00 PM	1.216	1.078	0.191
4/21/2021 1:06 PM	1.283	1.023	0.198
4/21/2021 1:12 PM	1.276	1.026	0.207
4/21/2021 1:18 PM	1.174	1.001	0.21
4/21/2021 1:24 PM	1.09	1.001	0.203
4/21/2021 1:30 PM	1.052	1.044	0.213
4/21/2021 1:36 PM	1.017	1.014	0.22
4/21/2021 1:42 PM	0.953	0.974	0.235
4/21/2021 1:48 PM	0.901	0.98	0.27
4/21/2021 1:54 PM	0.864	1.007	0.272
4/21/2021 2:00 PM	0.862	0.979	0.275
4/21/2021 2:06 PM	0.84	0.972	0.302
4/21/2021 2:12 PM	0.791	1.057	0.356
4/21/2021 2:18 PM	0.73	1.147	0.397
4/21/2021 2:24 PM	0.705	1.265	0.411
4/21/2021 2:30 PM	0.715	1.262	0.403
4/21/2021 2:36 PM	0.7	1.233	0.389
4/21/2021 2:42 PM	0.679	1.195	0.365
4/21/2021 2:48 PM	0.638	1.089	0.355
4/21/2021 2:54 PM	0.744	1.05	0.347
4/21/2021 3:00 PM	0.836	1.04	0.337
4/21/2021 3:06 PM	0.686	1.007	0.33
4/21/2021 3:12 PM	0.6	0.963	0.332
4/21/2021 3:18 PM	0.518	0.944	0.349
4/21/2021 3:24 PM	0.432	0.979	0.356
4/21/2021 3:30 PM	0.361	1	0.358
4/21/2021 3:36 PM	0.337	0.964	0.364
4/21/2021 3:42 PM	0.35	0.967	0.36
4/21/2021 3:48 PM	0.343	0.97	0.358
4/21/2021 3:54 PM	0.346	0.965	0.362
4/21/2021 4:00 PM	0.345	0.86	0.373
4/21/2021 4:06 PM	0.389	0.799	0.382
4/21/2021 4:12 PM	0.409	0.845	0.391
4/21/2021 4:18 PM	0.261	0.853	0.399
4/21/2021 4:24 PM	0.086	0.686	0.399
4/21/2021 4:30 PM	0.201	0.547	0.394
4/21/2021 4:36 PM	0.339	0.565	0.395
4/21/2021 4:42 PM	0.427	0.606	0.4
4/21/2021 4:48 PM	0.574	0.637	0.396
4/21/2021 4:54 PM	0.662	0.684	0.393
4/21/2021 5:00 PM	0.686	0.674	0.4
4/21/2021 5:06 PM	0.726	0.7	0.4
4/21/2021 5:12 PM	0.77	0.768	0.405
4/21/2021 5:18 PM	0.767	0.791	0.409
4/21/2021 5:24 PM	0.761	0.73	0.411
4/21/2021 5:30 PM	0.737	0.694	0.408
4/21/2021 5:36 PM	0.685	0.688	0.396
4/21/2021 5:42 PM	0.682	0.712	0.406

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/21/2021 5:48 PM	0.678	0.744	0.415
4/21/2021 5:54 PM	0.669	0.757	0.414
4/21/2021 6:00 PM	0.65	0.767	0.416
4/21/2021 6:06 PM	0.635	0.809	0.424
4/21/2021 6:12 PM	0.625	0.806	0.432
4/21/2021 6:18 PM	0.625	0.754	0.433
4/21/2021 6:24 PM	0.603	0.788	0.437
4/21/2021 6:30 PM	0.595	0.849	0.435
4/21/2021 6:36 PM	0.617	0.884	0.439
4/21/2021 6:42 PM	0.627	0.892	0.445
4/21/2021 6:48 PM	0.619	0.877	0.441
4/21/2021 6:54 PM	0.579	0.813	0.439
4/21/2021 7:00 PM	0.543	0.777	0.445
4/21/2021 7:06 PM	0.533	0.754	0.45
4/21/2021 7:12 PM	0.528	0.734	0.455
4/21/2021 7:18 PM	0.509	0.755	0.462
4/21/2021 7:24 PM	0.496	0.784	0.464
4/21/2021 7:30 PM	0.475	0.796	0.46
4/21/2021 7:36 PM	0.462	0.788	0.462
4/21/2021 7:42 PM	0.483	0.782	0.463
4/21/2021 7:48 PM	0.511	0.809	0.467
4/21/2021 7:54 PM	0.53	0.782	0.476
4/21/2021 8:00 PM	0.513	0.732	0.48
4/21/2021 8:06 PM	0.499	0.747	0.481
4/21/2021 8:12 PM	0.527	0.775	0.481
4/21/2021 8:18 PM	0.514	0.778	0.486
4/21/2021 8:24 PM	0.493	0.781	0.486
4/21/2021 8:30 PM	0.45	0.796	0.486
4/21/2021 8:36 PM	0.439	0.785	0.487
4/21/2021 8:42 PM	0.289	0.78	0.487
4/21/2021 8:48 PM	0.132	0.78	0.487
4/21/2021 8:54 PM	0.068	0.775	0.486
4/21/2021 9:00 PM	0.005	0.819	0.482
4/21/2021 9:06 PM	-0.029	0.77	0.483
4/21/2021 9:12 PM	0.043	0.805	0.484
4/21/2021 9:18 PM	0.023	0.78	0.484
4/21/2021 9:24 PM	-0.042	0.735	0.491
4/21/2021 9:30 PM	-0.025	0.752	0.495
4/21/2021 9:36 PM	0.003	0.783	0.496
4/21/2021 9:42 PM	0.01	0.771	0.494
4/21/2021 9:48 PM	-0.001	0.81	0.495
4/21/2021 9:54 PM	0.004	0.939	0.498
4/21/2021 10:00 PM	-0.01	0.931	0.509
4/21/2021 10:06 PM	-0.059	0.823	0.508
4/21/2021 10:12 PM	-0.075	0.812	0.506
4/21/2021 10:18 PM	-0.055	0.846	0.498
4/21/2021 10:24 PM	-0.071	0.822	0.499
4/21/2021 10:30 PM	-0.09	0.826	0.505
4/21/2021 10:36 PM	-0.089	0.819	0.509
4/21/2021 10:42 PM	-0.078	0.818	0.514
4/21/2021 10:48 PM	-0.046	0.769	0.518
4/21/2021 10:54 PM	-0.032	0.875	0.525
4/21/2021 11:00 PM	-0.039	0.896	0.526
4/21/2021 11:06 PM	-0.038	0.804	0.531

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/21/2021 11:12 PM	-0.064	0.86	0.531
4/21/2021 11:18 PM	-0.048	0.871	0.523
4/21/2021 11:24 PM	-0.015	0.841	0.522
4/21/2021 11:30 PM	0.093	0.884	0.528
4/21/2021 11:36 PM	0.221	0.932	0.525
4/21/2021 11:42 PM	0.32	0.875	0.53
4/21/2021 11:48 PM	0.359	0.838	0.535
4/21/2021 11:54 PM	0.358	0.873	0.543
4/22/2021 12:00 AM	0.379	0.852	0.543
4/22/2021 12:06 AM	0.116	1.685	0.539
4/22/2021 12:12 AM	-0.407	2.105	0.532
4/22/2021 12:18 AM	-0.628	1.435	0.537
4/22/2021 12:24 AM	-0.799	1.251	0.542
4/22/2021 12:30 AM	-0.926	1.176	0.54
4/22/2021 12:36 AM	-0.922	1.142	0.544
4/22/2021 12:42 AM	-0.871	1.114	0.546
4/22/2021 12:48 AM	-0.89	1.103	0.55
4/22/2021 12:54 AM	-0.901	1.108	0.557
4/22/2021 1:00 AM	-0.827	1.068	0.552
4/22/2021 1:06 AM	-0.817	1.088	0.549
4/22/2021 1:12 AM	-0.806	1.15	0.553
4/22/2021 1:18 AM	-0.746	1.128	0.555
4/22/2021 1:24 AM	-0.713	0.945	0.551
4/22/2021 1:30 AM	-0.704	0.881	0.551
4/22/2021 1:36 AM	-0.698	0.916	0.556
4/22/2021 1:42 AM	-0.713	0.944	0.554
4/22/2021 1:48 AM	-0.695	0.917	0.554
4/22/2021 1:54 AM	-0.632	0.905	0.554
4/22/2021 2:00 AM	-0.61	0.915	0.556
4/22/2021 2:06 AM	-0.604	0.897	0.556
4/22/2021 2:12 AM	-0.584	0.921	0.558
4/22/2021 2:18 AM	-0.566	0.918	0.559
4/22/2021 2:24 AM	-0.56	0.909	0.564
4/22/2021 2:30 AM	-0.544	0.945	0.56
4/22/2021 2:36 AM	-0.514	0.913	0.563
4/22/2021 2:42 AM	-0.505	0.897	0.563
4/22/2021 2:48 AM	-0.505	0.887	0.558
4/22/2021 2:54 AM	-0.523	0.883	0.559
4/22/2021 3:00 AM	-0.518	0.896	0.555
4/22/2021 3:06 AM	-0.501	0.808	0.557
4/22/2021 3:12 AM	-0.449	0.767	0.564
4/22/2021 3:18 AM	-0.399	0.816	0.564
4/22/2021 3:24 AM	-0.368	0.85	0.557
4/22/2021 3:30 AM	-0.352	0.864	0.559
4/22/2021 3:36 AM	-0.324	0.846	0.568
4/22/2021 3:42 AM	-0.319	0.828	0.572
4/22/2021 3:48 AM	-0.315	0.82	0.571
4/22/2021 3:54 AM	-0.302	0.814	0.571
4/22/2021 4:00 AM	-0.309	0.809	0.569
4/22/2021 4:06 AM	-0.347	0.822	0.569
4/22/2021 4:12 AM	-0.354	0.818	0.57
4/22/2021 4:18 AM	-0.338	0.827	0.566
4/22/2021 4:24 AM	-0.335	0.847	0.563
4/22/2021 4:30 AM	-0.331	0.868	0.561

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/22/2021 4:36 AM	-0.334	0.854	0.565
4/22/2021 4:42 AM	-0.301	0.804	0.561
4/22/2021 4:48 AM	-0.275	0.794	0.562
4/22/2021 4:54 AM	-0.268	0.829	0.562
4/22/2021 5:00 AM	-0.26	0.822	0.557
4/22/2021 5:06 AM	-0.251	0.779	0.558
4/22/2021 5:12 AM	-0.235	0.829	0.561
4/22/2021 5:18 AM	-0.231	0.856	0.561
4/22/2021 5:24 AM	-0.223	0.809	0.57
4/22/2021 5:30 AM	-0.241	0.78	0.569
4/22/2021 5:36 AM	-0.271	0.771	0.562
4/22/2021 5:42 AM	-0.274	0.773	0.564
4/22/2021 5:48 AM	-0.26	0.788	0.566
4/22/2021 5:54 AM	-0.244	0.798	0.572
4/22/2021 6:00 AM	-0.238	0.822	0.579
4/22/2021 6:06 AM	-0.275	0.866	0.577
4/22/2021 6:12 AM	-0.28	0.854	0.567
4/22/2021 6:18 AM	-0.256	0.908	0.56
4/22/2021 6:24 AM	-0.216	1.092	0.559
4/22/2021 6:30 AM	-0.202	1.203	0.55
4/22/2021 6:36 AM	-0.204	1.007	0.538
4/22/2021 6:42 AM	-0.193	0.927	0.529
4/22/2021 6:48 AM	-0.17	1.014	0.522
4/22/2021 6:54 AM	-0.151	1.064	0.518
4/22/2021 7:00 AM	-0.119	1.077	0.548
4/22/2021 7:06 AM	-0.106	1.05	0.564
4/22/2021 7:12 AM	-0.104	1.036	0.528
4/22/2021 7:18 AM	-0.067	1.069	0.514
4/22/2021 7:24 AM	-0.046	1.074	0.508
4/22/2021 7:30 AM	-0.04	1.074	0.506
4/22/2021 7:36 AM	-0.052	1.066	0.504
4/22/2021 7:42 AM	-0.047	1.062	0.501
4/22/2021 7:48 AM	-0.059	1.037	0.504
4/22/2021 7:54 AM	-0.042	0.98	0.498
4/22/2021 8:00 AM	-0.023	0.958	0.489
4/22/2021 8:06 AM	-0.074	0.932	0.485
4/22/2021 8:12 AM	-0.124	0.874	0.485
4/22/2021 8:18 AM	-0.167	0.814	0.489
4/22/2021 8:24 AM	-0.186	0.786	0.505
4/22/2021 8:30 AM	-0.218	0.771	0.515
4/22/2021 8:36 AM	-0.251	0.805	0.518
4/22/2021 8:42 AM	-0.275	0.849	0.525
4/22/2021 8:48 AM	-0.323	0.887	0.535
4/22/2021 8:54 AM	-0.387	0.869	0.54
4/22/2021 9:00 AM	-0.397	0.84	0.537
4/22/2021 9:06 AM	-0.404	0.928	0.537
4/22/2021 9:12 AM	-0.417	1.062	0.542
4/22/2021 9:18 AM	-0.432	1.061	0.544
4/22/2021 9:24 AM	-0.444	0.984	0.544
4/22/2021 9:30 AM	-0.435	0.905	0.552
4/22/2021 9:36 AM	-0.438	0.911	0.551
4/22/2021 9:42 AM	-0.422	0.958	0.55
4/22/2021 9:48 AM	-0.387	0.96	0.55
4/22/2021 9:54 AM	-0.332	0.985	0.545

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/22/2021 10:00 AM	-0.277	1.026	0.534
4/22/2021 10:06 AM	-0.252	1.03	0.53
4/22/2021 10:12 AM	-0.234	0.952	0.532
4/22/2021 10:18 AM	-0.215	0.88	0.532
4/22/2021 10:24 AM	-0.211	0.84	0.541
4/22/2021 10:30 AM	-0.163	0.852	0.543
4/22/2021 10:36 AM	-0.138	0.856	0.533
4/22/2021 10:42 AM	-0.118	0.875	0.528
4/22/2021 10:48 AM	-0.107	0.882	0.524
4/22/2021 10:54 AM	-0.11	0.861	0.523
4/22/2021 11:00 AM	-0.127	0.877	0.519
4/22/2021 11:06 AM	-0.12	0.865	0.521
4/22/2021 11:12 AM	-0.103	0.841	0.524
4/22/2021 11:18 AM	-0.061	0.837	0.522
4/22/2021 11:24 AM	-0.087	0.818	0.521
4/22/2021 11:30 AM	-0.129	0.808	0.52
4/22/2021 11:36 AM	-0.135	0.808	0.523
4/22/2021 11:42 AM	-0.153	0.803	0.525
4/22/2021 11:48 AM	-0.141	0.819	0.522
4/22/2021 11:54 AM	-0.1	0.822	0.521
4/22/2021 12:00 PM	0.013	0.825	0.528
4/22/2021 12:06 PM	0.387	0.845	0.551
4/22/2021 12:12 PM	0.354	0.867	0.546
4/22/2021 12:18 PM	0.331	0.899	0.541
4/22/2021 12:24 PM	0.33	0.885	0.545
4/22/2021 12:30 PM	0.311	0.879	0.551
4/22/2021 12:36 PM	0.327	0.968	0.551
4/22/2021 12:42 PM	0.354	0.985	0.55
4/22/2021 12:48 PM	0.372	0.922	0.553
4/22/2021 12:54 PM	0.365	0.921	0.555
4/22/2021 1:00 PM	0.379	0.949	0.549
4/22/2021 1:06 PM	0.426	0.963	0.546
4/22/2021 1:12 PM	0.44	0.983	0.544
4/22/2021 1:18 PM	0.423	0.967	0.549
4/22/2021 1:24 PM	0.436	0.949	0.557
4/22/2021 1:30 PM	0.454	0.98	0.558
4/22/2021 1:36 PM	0.463	1.024	0.552
4/22/2021 1:42 PM	0.468	1.035	0.552
4/22/2021 1:48 PM	0.48	1.157	0.557
4/22/2021 1:54 PM	0.476	1.311	0.557
4/22/2021 2:00 PM	0.428	1.274	0.556
4/22/2021 2:06 PM	0.382	1.207	0.56
4/22/2021 2:12 PM	0.342	1.203	0.558
4/22/2021 2:18 PM	0.34	1.194	0.554
4/22/2021 2:24 PM	0.35	1.243	0.55
4/22/2021 2:30 PM	0.345	1.181	0.548
4/22/2021 2:36 PM	0.357	1.02	0.552
4/22/2021 2:42 PM	0.367	1	0.558
4/22/2021 2:48 PM	0.367	1.06	0.558
4/22/2021 2:54 PM	0.405	1.132	0.56
4/22/2021 3:00 PM	0.453	1.097	0.561
4/22/2021 3:06 PM	0.485	1.076	0.561
4/22/2021 3:12 PM	0.477	1.105	0.551
4/22/2021 3:18 PM	0.465	1.062	0.534

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/22/2021 3:24 PM	0.478	1.031	0.535
4/22/2021 3:30 PM	0.507	1.023	0.545
4/22/2021 3:36 PM	0.537	0.977	0.556
4/22/2021 3:42 PM	0.558	1	0.558
4/22/2021 3:48 PM	0.555	1.001	0.559
4/22/2021 3:54 PM	0.546	0.974	0.556
4/22/2021 4:00 PM	0.536	0.964	0.556
4/22/2021 4:06 PM	0.523	1.003	0.558
4/22/2021 4:12 PM	0.509	1.01	0.562
4/22/2021 4:18 PM	0.506	0.928	0.566
4/22/2021 4:24 PM	0.52	0.941	0.567
4/22/2021 4:30 PM	0.535	0.957	0.567
4/22/2021 4:36 PM	0.509	0.926	0.569
4/22/2021 4:42 PM	0.499	1.001	0.57
4/22/2021 4:48 PM	0.51	1.008	0.566
4/22/2021 4:54 PM	0.501	0.918	0.568
4/22/2021 5:00 PM	0.508	0.923	0.572
4/22/2021 5:06 PM	0.52	0.944	0.576
4/22/2021 5:12 PM	0.542	0.934	0.576
4/22/2021 5:18 PM	0.565	0.951	0.577
4/22/2021 5:24 PM	0.562	0.988	0.578
4/22/2021 5:30 PM	0.555	0.921	0.579
4/22/2021 5:36 PM	0.568	0.873	0.586
4/22/2021 5:42 PM	0.577	0.956	0.589
4/22/2021 5:48 PM	0.561	1.024	0.591
4/22/2021 5:54 PM	0.547	0.949	0.595
4/22/2021 6:00 PM	0.552	0.896	0.6
4/22/2021 6:06 PM	0.575	0.904	0.598
4/22/2021 6:12 PM	0.595	0.923	0.595
4/22/2021 6:18 PM	0.615	0.956	0.591
4/22/2021 6:24 PM	0.617	0.983	0.587
4/22/2021 6:30 PM	0.621	1	0.59
4/22/2021 6:36 PM	0.626	1.008	0.593
4/22/2021 6:42 PM	0.639	1.026	0.597
4/22/2021 6:48 PM	0.644	1.001	0.601
4/22/2021 6:54 PM	0.634	0.988	0.602
4/22/2021 7:00 PM	0.635	1.032	0.603
4/22/2021 7:06 PM	0.634	1.007	0.601
4/22/2021 7:12 PM	0.635	0.987	0.598
4/22/2021 7:18 PM	0.626	0.99	0.596
4/22/2021 7:24 PM	0.632	0.92	0.595
4/22/2021 7:30 PM	0.607	0.904	0.598
4/22/2021 7:36 PM	0.605	0.962	0.604
4/22/2021 7:42 PM	0.585	1.002	0.607
4/22/2021 7:48 PM	0.559	0.994	0.61
4/22/2021 7:54 PM	0.564	1.018	0.616
4/22/2021 8:00 PM	0.568	1.083	0.617
4/22/2021 8:06 PM	0.587	1.109	0.618
4/22/2021 8:12 PM	0.602	1.143	0.617
4/22/2021 8:18 PM	0.59	1.141	0.613
4/22/2021 8:24 PM	0.601	1.124	0.613
4/22/2021 8:30 PM	0.607	1.105	0.615
4/22/2021 8:36 PM	0.614	1.108	0.615
4/22/2021 8:42 PM	0.618	1.121	0.614

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/22/2021 8:48 PM	0.61	1.128	0.613
4/22/2021 8:54 PM	0.596	1.135	0.615
4/22/2021 9:00 PM	0.589	1.16	0.617
4/22/2021 9:06 PM	0.575	1.233	0.619
4/22/2021 9:12 PM	0.573	1.236	0.621
4/22/2021 9:18 PM	0.591	1.313	0.623
4/22/2021 9:24 PM	0.599	1.46	0.624
4/22/2021 9:30 PM	0.591	1.467	0.624
4/22/2021 9:36 PM	0.586	1.39	0.622
4/22/2021 9:42 PM	0.592	1.343	0.623
4/22/2021 9:48 PM	0.592	1.407	0.617
4/22/2021 9:54 PM	0.585	1.445	0.617
4/22/2021 10:00 PM	0.581	1.449	0.62
4/22/2021 10:06 PM	0.591	1.398	0.621
4/22/2021 10:12 PM	0.593	1.279	0.624
4/22/2021 10:18 PM	0.589	1.139	0.627
4/22/2021 10:24 PM	0.588	1.101	0.634
4/22/2021 10:30 PM	0.587	1.083	0.635
4/22/2021 10:36 PM	0.573	1.09	0.63
4/22/2021 10:42 PM	0.573	1.057	0.63
4/22/2021 10:48 PM	0.575	1.047	0.632
4/22/2021 10:54 PM	0.561	1.092	0.626
4/22/2021 11:00 PM	0.543	1.149	0.625
4/22/2021 11:06 PM	0.536	1.188	0.627
4/22/2021 11:12 PM	0.551	1.199	0.623
4/22/2021 11:18 PM	0.537	1.182	0.621
4/22/2021 11:24 PM	0.528	1.15	0.621
4/22/2021 11:30 PM	0.531	1.079	0.615
4/22/2021 11:36 PM	0.526	0.529	0.612
4/22/2021 11:42 PM	0.522	0.135	0.606
4/22/2021 11:48 PM	0.521	0.151	0.605
4/22/2021 11:54 PM	0.528	0.152	0.613
4/23/2021 12:00 AM	0.512	0.173	0.615
4/23/2021 12:06 AM	0.488	0.141	0.617
4/23/2021 12:12 AM	0.484	0.113	0.622
4/23/2021 12:18 AM	0.488	0.045	0.629
4/23/2021 12:24 AM	0.488	0.015	0.633
4/23/2021 12:30 AM	0.505	0.036	0.635
4/23/2021 12:36 AM	0.501	0.026	0.633
4/23/2021 12:42 AM	0.486	0.008	0.632
4/23/2021 12:48 AM	0.484	0.01	0.633
4/23/2021 12:54 AM	0.476	0.033	0.634
4/23/2021 1:00 AM	0.471	0.065	0.633
4/23/2021 1:06 AM	0.478	0.101	0.634
4/23/2021 1:12 AM	0.471	0.102	0.632
4/23/2021 1:18 AM	0.478	0.046	0.624
4/23/2021 1:24 AM	0.481	0.038	0.624
4/23/2021 1:30 AM	0.485	0.018	0.619
4/23/2021 1:36 AM	0.475	0.013	0.616
4/23/2021 1:42 AM	0.465	0.054	0.617
4/23/2021 1:48 AM	0.462	0.015	0.616
4/23/2021 1:54 AM	0.464	0.067	0.61
4/23/2021 2:00 AM	0.447	0.039	0.613
4/23/2021 2:06 AM	0.426	6.789	0.62

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/23/2021 2:12 AM	0.431	7.401	0.623
4/23/2021 2:18 AM	0.442	3.881	0.628
4/23/2021 2:24 AM	0.439	2.963	0.632
4/23/2021 2:30 AM	0.419	2.841	0.637
4/23/2021 2:36 AM	0.407	2.774	0.646
4/23/2021 2:42 AM	0.416	2.566	0.651
4/23/2021 2:48 AM	0.432	2.069	0.651
4/23/2021 2:54 AM	0.425	1.768	0.648
4/23/2021 3:00 AM	0.405	1.62	0.646
4/23/2021 3:06 AM	0.405	1.6	0.65
4/23/2021 3:12 AM	0.402	1.611	0.651
4/23/2021 3:18 AM	0.406	1.518	0.651
4/23/2021 3:24 AM	0.418	1.545	0.651
4/23/2021 3:30 AM	0.417	1.575	0.648
4/23/2021 3:36 AM	0.414	1.571	0.646
4/23/2021 3:42 AM	0.421	1.565	0.646
4/23/2021 3:48 AM	0.402	1.571	0.645
4/23/2021 3:54 AM	3.952	1.602	0.644
4/23/2021 4:00 AM	6.027	1.656	0.639
4/23/2021 4:06 AM	3.439	1.626	0.641
4/23/2021 4:12 AM	2.954	1.623	0.647
4/23/2021 4:18 AM	2.969	1.66	0.647
4/23/2021 4:24 AM	2.13	1.605	0.647
4/23/2021 4:30 AM	1.481	1.553	0.654
4/23/2021 4:36 AM	1.548	1.578	0.652
4/23/2021 4:42 AM	1.61	1.604	0.65
4/23/2021 4:48 AM	1.7	1.605	0.648
4/23/2021 4:54 AM	1.728	1.56	0.649
4/23/2021 5:00 AM	1.678	1.467	0.652
4/23/2021 5:06 AM	1.586	1.475	0.652
4/23/2021 5:12 AM	1.48	1.468	0.651
4/23/2021 5:18 AM	1.301	1.135	0.654
4/23/2021 5:24 AM	1.113	0.864	0.657
4/23/2021 5:30 AM	0.918	0.751	0.654
4/23/2021 5:36 AM	0.719	0.686	0.653
4/23/2021 5:42 AM	0.702	0.68	0.654
4/23/2021 5:48 AM	0.84	0.673	0.653
4/23/2021 5:54 AM	1.032	0.66	0.648
4/23/2021 6:00 AM	1.194	0.706	0.643
4/23/2021 6:06 AM	1.224	0.729	0.639
4/23/2021 6:12 AM	1.252	0.717	0.628
4/23/2021 6:18 AM	1.203	0.723	0.623
4/23/2021 6:24 AM	1.135	0.756	0.617
4/23/2021 6:30 AM	1.059	0.786	0.612
4/23/2021 6:36 AM	0.895	0.916	0.603
4/23/2021 6:42 AM	0.764	1	0.589
4/23/2021 6:48 AM	0.685	0.914	0.581
4/23/2021 6:54 AM	0.602	0.849	0.579
4/23/2021 7:00 AM	0.498	0.863	0.583
4/23/2021 7:06 AM	0.448	0.923	0.578
4/23/2021 7:12 AM	0.418	0.987	0.571
4/23/2021 7:18 AM	0.406	1.06	0.564
4/23/2021 7:24 AM	0.401	1.115	0.558
4/23/2021 7:30 AM	0.412	1.12	0.556

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/23/2021 7:36 AM	0.403	1.111	0.552
4/23/2021 7:42 AM	0.433	1.113	0.546
4/23/2021 7:48 AM	0.458	1.138	0.541
4/23/2021 7:54 AM	0.493	1.141	0.54
4/23/2021 8:00 AM	0.515	1.104	0.544
4/23/2021 8:06 AM	0.548	1.052	0.544
4/23/2021 8:12 AM	0.547	1.024	0.542
4/23/2021 8:18 AM	0.535	0.981	0.539
4/23/2021 8:24 AM	0.558	0.958	0.537
4/23/2021 8:30 AM	0.547	0.936	0.533
4/23/2021 8:36 AM	0.554	0.931	0.531
4/23/2021 8:42 AM	0.565	0.932	0.531
4/23/2021 8:48 AM	0.591	0.921	0.541
4/23/2021 8:54 AM	0.631	0.926	0.557
4/23/2021 9:00 AM	0.663	0.925	0.565
4/23/2021 9:06 AM	0.697	0.921	0.57
4/23/2021 9:12 AM	0.771	0.907	0.569
4/23/2021 9:18 AM	0.827	0.922	0.565
4/23/2021 9:24 AM	0.845	0.961	0.567
4/23/2021 9:30 AM	0.865	1.015	0.565
4/23/2021 9:36 AM	0.888	1.035	0.563
4/23/2021 9:42 AM	0.897	1.005	0.562
4/23/2021 9:48 AM	0.891	1.032	0.561
4/23/2021 9:54 AM	0.871	1.024	0.564
4/23/2021 10:00 AM	0.864	1.006	0.57
4/23/2021 10:06 AM	0.916	1.053	0.56
4/23/2021 10:12 AM	0.917	1.046	0.555
4/23/2021 10:18 AM	0.904	1.017	0.553
4/23/2021 10:24 AM	0.907	1.014	0.547
4/23/2021 10:30 AM	0.953	1.043	0.548
4/23/2021 10:36 AM	0.995	1.057	0.552
4/23/2021 10:42 AM	0.966	1.051	0.556
4/23/2021 10:48 AM	0.953	1.067	0.556
4/23/2021 10:54 AM	1.032	1.08	0.557
4/23/2021 11:00 AM	1.112	1.066	0.561
4/23/2021 11:06 AM	1.099	1.056	0.559
4/23/2021 11:12 AM	1.043	1.033	0.552
4/23/2021 11:18 AM	1.017	1.006	0.547
4/23/2021 11:24 AM	1.068	1.001	0.54
4/23/2021 11:30 AM	1.132	1.05	0.537
4/23/2021 11:36 AM	1.185	1.103	0.536
4/23/2021 11:42 AM	1.237	1.13	0.536
4/23/2021 11:48 AM	1.283	1.177	0.543
4/23/2021 11:54 AM	1.215	1.16	0.547
4/23/2021 12:00 PM	1.109	1.135	0.544
4/23/2021 12:06 PM	0.956	1.115	0.537
4/23/2021 12:12 PM	<Samp	<Samp	0.538
4/23/2021 12:18 PM	Maintain	Maintain	<Samp
4/23/2021 12:24 PM	<Samp	<Samp	<Samp
4/23/2021 12:30 PM	1.2	1.266	0.532
4/23/2021 12:36 PM	1.233	1.259	0.533
4/23/2021 12:42 PM	1.293	1.186	0.535
4/23/2021 12:48 PM	1.292	1.122	0.536
4/23/2021 12:54 PM	1.2	1.077	0.535

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/23/2021 1:00 PM	1.098	1.021	0.528
4/23/2021 1:06 PM	1.07	0.984	0.517
4/23/2021 1:12 PM	1.091	0.985	0.507
4/23/2021 1:18 PM	1.101	0.979	0.503
4/23/2021 1:24 PM	1.094	0.977	0.507
4/23/2021 1:30 PM	1.097	0.929	0.517
4/23/2021 1:36 PM	1.11	0.937	0.519
4/23/2021 1:42 PM	1.197	1.02	0.521
4/23/2021 1:48 PM	1.235	1.054	0.527
4/23/2021 1:54 PM	1.265	1.097	0.533
4/23/2021 2:00 PM	1.251	1.116	0.532
4/23/2021 2:06 PM	1.216	1.11	0.526
4/23/2021 2:12 PM	1.241	1.078	0.527
4/23/2021 2:18 PM	1.17	0.948	0.528
4/23/2021 2:24 PM	1.15	0.838	0.526
4/23/2021 2:30 PM	1.174	0.773	0.525
4/23/2021 2:36 PM	1.127	0.747	0.526
4/23/2021 2:42 PM	1.129	0.754	0.522
4/23/2021 2:48 PM	1.136	0.793	0.519
4/23/2021 2:54 PM	1.139	0.841	0.519
4/23/2021 3:00 PM	1.25	0.854	0.521
4/23/2021 3:06 PM	1.386	0.884	0.526
4/23/2021 3:12 PM	1.313	0.909	0.523
4/23/2021 3:18 PM	1.271	0.917	0.509
4/23/2021 3:24 PM	1.266	0.904	0.498
4/23/2021 3:30 PM	1.178	0.869	0.507
4/23/2021 3:36 PM	1.171	0.843	0.518
4/23/2021 3:42 PM	1.258	0.836	0.521
4/23/2021 3:48 PM	1.311	0.844	0.527
4/23/2021 3:54 PM	1.314	0.825	0.532
4/23/2021 4:00 PM	1.302	0.819	0.532
4/23/2021 4:06 PM	1.279	0.852	0.529
4/23/2021 4:12 PM	1.267	0.887	0.53
4/23/2021 4:18 PM	1.212	0.834	0.53
4/23/2021 4:24 PM	1.147	0.822	0.528
4/23/2021 4:30 PM	1.128	0.812	0.526
4/23/2021 4:36 PM	1.132	0.795	0.522
4/23/2021 4:42 PM	1.144	0.83	0.521
4/23/2021 4:48 PM	1.154	0.846	0.521
4/23/2021 4:54 PM	1.153	0.887	0.522
4/23/2021 5:00 PM	1.133	0.89	0.523
4/23/2021 5:06 PM	1.135	0.869	0.523
4/23/2021 5:12 PM	1.133	0.851	0.521
4/23/2021 5:18 PM	1.122	0.845	0.521
4/23/2021 5:24 PM	1.111	0.858	0.52
4/23/2021 5:30 PM	1.105	0.901	0.519
4/23/2021 5:36 PM	1.123	0.938	0.519
4/23/2021 5:42 PM	1.15	0.957	0.521
4/23/2021 5:48 PM	1.188	1.004	0.524
4/23/2021 5:54 PM	1.223	1.026	0.527
4/23/2021 6:00 PM	1.288	1.051	0.53
4/23/2021 6:06 PM	1.305	1.05	0.531
4/23/2021 6:12 PM	1.317	1.064	0.532
4/23/2021 6:18 PM	1.312	1.098	0.533

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/23/2021 6:24 PM	1.301	1.046	0.533
4/23/2021 6:30 PM	1.276	1.005	0.535
4/23/2021 6:36 PM	1.219	1.051	0.536
4/23/2021 6:42 PM	1.21	1.063	0.535
4/23/2021 6:48 PM	1.224	1.047	0.535
4/23/2021 6:54 PM	1.246	1.009	0.537
4/23/2021 7:00 PM	1.233	0.975	0.541
4/23/2021 7:06 PM	1.206	0.976	0.543
4/23/2021 7:12 PM	1.171	0.999	0.541
4/23/2021 7:18 PM	1.161	1.031	0.539
4/23/2021 7:24 PM	1.182	1.022	0.54
4/23/2021 7:30 PM	1.182	0.944	0.536
4/23/2021 7:36 PM	1.169	0.927	0.531
4/23/2021 7:42 PM	1.162	0.913	0.53
4/23/2021 7:48 PM	1.162	0.878	0.528
4/23/2021 7:54 PM	1.149	0.87	0.528
4/23/2021 8:00 PM	1.138	0.848	0.526
4/23/2021 8:06 PM	1.133	0.858	0.525
4/23/2021 8:12 PM	1.126	0.893	0.523
4/23/2021 8:18 PM	1.122	0.927	0.522
4/23/2021 8:24 PM	1.111	0.983	0.526
4/23/2021 8:30 PM	1.096	0.991	0.529
4/23/2021 8:36 PM	1.099	0.93	0.532
4/23/2021 8:42 PM	1.095	0.851	0.531
4/23/2021 8:48 PM	1.093	0.828	0.528
4/23/2021 8:54 PM	1.086	0.855	0.528
4/23/2021 9:00 PM	1.069	0.915	0.531
4/23/2021 9:06 PM	1.068	0.891	0.536
4/23/2021 9:12 PM	1.078	0.878	0.538
4/23/2021 9:18 PM	1.097	0.859	0.539
4/23/2021 9:24 PM	1.1	0.835	0.542
4/23/2021 9:30 PM	1.078	0.847	0.543
4/23/2021 9:36 PM	1.084	0.855	0.544
4/23/2021 9:42 PM	1.097	0.85	0.546
4/23/2021 9:48 PM	1.086	0.871	0.546
4/23/2021 9:54 PM	1.095	0.872	0.547
4/23/2021 10:00 PM	1.118	0.846	0.548
4/23/2021 10:06 PM	1.093	0.824	0.55
4/23/2021 10:12 PM	1.097	0.784	0.548
4/23/2021 10:18 PM	1.129	0.781	0.547
4/23/2021 10:24 PM	1.133	0.815	0.546
4/23/2021 10:30 PM	1.105	0.836	0.547
4/23/2021 10:36 PM	1.082	0.878	0.55
4/23/2021 10:42 PM	1.086	0.865	0.549
4/23/2021 10:48 PM	1.093	0.791	0.548
4/23/2021 10:54 PM	1.083	0.752	0.547
4/23/2021 11:00 PM	1.07	0.789	0.546
4/23/2021 11:06 PM	1.262	0.901	0.547
4/23/2021 11:12 PM	1.184	0.649	0.547
4/23/2021 11:18 PM	0.863	0.293	0.547
4/23/2021 11:24 PM	0.793	0.31	0.548
4/23/2021 11:30 PM	0.716	0.243	0.547
4/23/2021 11:36 PM	0.761	0.192	0.545
4/23/2021 11:42 PM	0.865	0.183	0.542

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/23/2021 11:48 PM	0.936	0.151	0.541
4/23/2021 11:54 PM	0.972	0.158	0.541
4/24/2021 12:00 AM	0.999	0.139	0.541
4/24/2021 12:06 AM	1.055	0.151	0.54
4/24/2021 12:12 AM	1.059	0.184	0.539
4/24/2021 12:18 AM	1.06	0.128	0.539
4/24/2021 12:24 AM	1.035	0.08	0.54
4/24/2021 12:30 AM	0.985	0.091	0.541
4/24/2021 12:36 AM	0.967	0.151	0.54
4/24/2021 12:42 AM	0.935	0.128	0.539
4/24/2021 12:48 AM	0.896	0.099	0.539
4/24/2021 12:54 AM	0.886	0.08	0.539
4/24/2021 1:00 AM	0.888	0.069	0.539
4/24/2021 1:06 AM	0.845	0.075	0.542
4/24/2021 1:12 AM	0.823	0.1	0.546
4/24/2021 1:18 AM	0.825	0.073	0.548
4/24/2021 1:24 AM	0.797	0.077	0.548
4/24/2021 1:30 AM	0.784	0.109	0.548
4/24/2021 1:36 AM	0.766	0.088	0.551
4/24/2021 1:42 AM	0.713	0.096	0.553
4/24/2021 1:48 AM	0.702	0.073	0.555
4/24/2021 1:54 AM	0.692	0.059	0.558
4/24/2021 2:00 AM	0.713	0.088	0.559
4/24/2021 2:06 AM	0.713	0.069	0.559
4/24/2021 2:12 AM	0.691	0.081	0.558
4/24/2021 2:18 AM	0.679	0.113	0.557
4/24/2021 2:24 AM	0.675	0.104	0.555
4/24/2021 2:30 AM	0.661	0.098	0.554
4/24/2021 2:36 AM	0.633	0.096	0.555
4/24/2021 2:42 AM	0.624	0.069	0.556
4/24/2021 2:48 AM	0.599	0.062	0.557
4/24/2021 2:54 AM	0.601	0.097	0.556
4/24/2021 3:00 AM	0.594	0.112	0.552
4/24/2021 3:06 AM	0.59	0.115	0.549
4/24/2021 3:12 AM	0.591	0.119	0.55
4/24/2021 3:18 AM	0.607	0.14	0.551
4/24/2021 3:24 AM	0.614	0.143	0.554
4/24/2021 3:30 AM	0.6	0.117	0.555
4/24/2021 3:36 AM	0.607	0.116	0.554
4/24/2021 3:42 AM	0.621	0.113	0.552
4/24/2021 3:48 AM	0.607	0.135	0.552
4/24/2021 3:54 AM	0.578	0.146	0.552
4/24/2021 4:00 AM	0.598	0.146	0.55
4/24/2021 4:06 AM	0.621	0.13	0.548
4/24/2021 4:12 AM	0.605	0.137	0.547
4/24/2021 4:18 AM	0.573	0.148	0.547
4/24/2021 4:24 AM	0.576	0.147	0.546
4/24/2021 4:30 AM	0.577	0.151	0.548
4/24/2021 4:36 AM	0.57	0.195	0.548
4/24/2021 4:42 AM	0.588	0.151	0.548
4/24/2021 4:48 AM	0.602	0.188	2.381
4/24/2021 4:54 AM	0.612	0.177	18.896
4/24/2021 5:00 AM	0.599	0.151	23.419
4/24/2021 5:06 AM	0.609	0.176	9.046

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/24/2021 5:12 AM	0.607	0.209	3.632
4/24/2021 5:18 AM	0.589	0.179	1.989
4/24/2021 5:24 AM	0.496	0.146	1.466
4/24/2021 5:30 AM	0.304	0.157	1.156
4/24/2021 5:36 AM	0.295	0.188	1.009
4/24/2021 5:42 AM	0.393	0.195	1.032
4/24/2021 5:48 AM	0.469	0.218	0.968
4/24/2021 5:54 AM	0.48	0.166	0.836
4/24/2021 6:00 AM	0.495	0.136	0.708
4/24/2021 6:06 AM	0.493	0.146	0.611
4/24/2021 6:12 AM	0.487	0.142	0.549
4/24/2021 6:18 AM	0.493	0.13	0.526
4/24/2021 6:24 AM	0.483	0.146	0.519
4/24/2021 6:30 AM	0.467	0.181	0.511
4/24/2021 6:36 AM	0.44	0.159	0.502
4/24/2021 6:42 AM	0.432	0.193	0.493
4/24/2021 6:48 AM	0.456	0.21	0.487
4/24/2021 6:54 AM	0.471	0.188	0.48
4/24/2021 7:00 AM	0.464	0.183	0.472
4/24/2021 7:06 AM	0.444	0.202	0.461
4/24/2021 7:12 AM	0.441	0.217	0.452
4/24/2021 7:18 AM	0.461	0.181	0.444
4/24/2021 7:24 AM	0.481	0.188	0.44
4/24/2021 7:30 AM	0.536	0.201	0.434
4/24/2021 7:36 AM	0.642	0.159	0.431
4/24/2021 7:42 AM	0.791	0.164	0.43
4/24/2021 7:48 AM	0.85	0.226	0.427
4/24/2021 7:54 AM	0.897	0.242	0.424
4/24/2021 8:00 AM	0.928	0.26	0.42
4/24/2021 8:06 AM	0.937	0.25	0.42
4/24/2021 8:12 AM	0.904	0.239	0.418
4/24/2021 8:18 AM	0.872	0.281	0.412
4/24/2021 8:24 AM	0.827	0.309	0.409
4/24/2021 8:30 AM	0.813	0.273	0.41
4/24/2021 8:36 AM	0.82	0.282	0.41
4/24/2021 8:42 AM	0.794	0.293	0.414
4/24/2021 8:48 AM	0.785	0.294	0.425
4/24/2021 8:54 AM	0.76	0.295	0.442
4/24/2021 9:00 AM	0.762	6.152	0.457
4/24/2021 9:06 AM	0.694	13.75	0.463
4/24/2021 9:12 AM	0.722	6.463	0.463
4/24/2021 9:18 AM	0.812	3.087	0.463
4/24/2021 9:24 AM	0.867	2.879	0.459
4/24/2021 9:30 AM	0.898	2.99	0.456
4/24/2021 9:36 AM	0.92	2.897	0.458
4/24/2021 9:42 AM	0.902	2.477	0.459
4/24/2021 9:48 AM	0.851	1.968	0.456
4/24/2021 9:54 AM	0.817	1.648	0.451
4/24/2021 10:00 AM	0.769	1.481	0.452
4/24/2021 10:06 AM	0.731	1.415	0.456
4/24/2021 10:12 AM	0.71	1.367	0.465
4/24/2021 10:18 AM	0.677	1.307	0.472
4/24/2021 10:24 AM	0.665	1.305	0.475
4/24/2021 10:30 AM	0.658	1.277	0.481

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/24/2021 10:36 AM	0.633	1.263	0.486
4/24/2021 10:42 AM	0.636	1.259	0.489
4/24/2021 10:48 AM	0.615	1.301	0.491
4/24/2021 10:54 AM	0.604	1.31	0.493
4/24/2021 11:00 AM	0.614	1.269	0.495
4/24/2021 11:06 AM	0.603	1.249	0.498
4/24/2021 11:12 AM	0.599	1.236	0.498
4/24/2021 11:18 AM	0.614	1.169	0.494
4/24/2021 11:24 AM	0.623	1.143	0.489
4/24/2021 11:30 AM	0.632	1.131	0.488
4/24/2021 11:36 AM	0.636	1.153	0.49
4/24/2021 11:42 AM	0.649	1.174	0.494
4/24/2021 11:48 AM	0.648	1.158	0.497
4/24/2021 11:54 AM	0.649	1.161	0.497
4/24/2021 12:00 PM	0.619	1.166	0.502
4/24/2021 12:06 PM	0.502	1.152	0.527
4/24/2021 12:12 PM	0.541	1.143	0.529
4/24/2021 12:18 PM	0.561	1.191	0.531
4/24/2021 12:24 PM	0.531	1.256	0.532
4/24/2021 12:30 PM	0.513	1.248	0.534
4/24/2021 12:36 PM	0.537	1.288	0.536
4/24/2021 12:42 PM	0.568	1.314	0.538
4/24/2021 12:48 PM	0.569	1.247	0.536
4/24/2021 12:54 PM	0.545	1.158	0.532
4/24/2021 1:00 PM	0.521	1.15	0.527
4/24/2021 1:06 PM	0.572	1.249	0.519
4/24/2021 1:12 PM	0.764	1.261	0.513
4/24/2021 1:18 PM	1.053	1.21	0.512
4/24/2021 1:24 PM	1.195	1.237	0.516
4/24/2021 1:30 PM	1.267	1.23	0.52
4/24/2021 1:36 PM	1.349	1.189	0.526
4/24/2021 1:42 PM	1.438	1.212	0.529
4/24/2021 1:48 PM	1.429	1.228	0.533
4/24/2021 1:54 PM	1.378	1.264	0.535
4/24/2021 2:00 PM	1.379	1.297	0.533
4/24/2021 2:06 PM	1.418	1.303	0.535
4/24/2021 2:12 PM	1.447	1.263	0.541
4/24/2021 2:18 PM	1.458	1.253	0.543
4/24/2021 2:24 PM	1.545	1.299	0.544
4/24/2021 2:30 PM	1.611	1.302	0.548
4/24/2021 2:36 PM	1.448	1.262	0.548
4/24/2021 2:42 PM	1.261	1.229	0.543
4/24/2021 2:48 PM	1.173	1.192	0.539
4/24/2021 2:54 PM	1.062	1.16	0.537
4/24/2021 3:00 PM	1.038	1.191	0.538
4/24/2021 3:06 PM	1.106	1.187	0.539
4/24/2021 3:12 PM	1.163	1.157	0.538
4/24/2021 3:18 PM	1.107	1.173	0.538
4/24/2021 3:24 PM	1.042	1.187	0.541
4/24/2021 3:30 PM	1.038	1.158	0.543
4/24/2021 3:36 PM	0.972	1.178	0.543
4/24/2021 3:42 PM	0.913	1.172	0.546
4/24/2021 3:48 PM	0.897	1.133	0.549
4/24/2021 3:54 PM	0.889	1.119	0.552

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/24/2021 4:00 PM	0.872	1.134	0.55
4/24/2021 4:06 PM	0.9	1.197	0.548
4/24/2021 4:12 PM	0.865	1.166	0.552
4/24/2021 4:18 PM	0.872	1.137	0.552
4/24/2021 4:24 PM	0.839	1.131	0.55
4/24/2021 4:30 PM	0.807	1.15	0.548
4/24/2021 4:36 PM	0.818	1.227	0.545
4/24/2021 4:42 PM	0.844	1.244	0.543
4/24/2021 4:48 PM	0.862	1.173	0.542
4/24/2021 4:54 PM	0.827	1.125	0.539
4/24/2021 5:00 PM	0.813	1.181	0.537
4/24/2021 5:06 PM	0.819	1.203	0.538
4/24/2021 5:12 PM	0.828	1.132	0.537
4/24/2021 5:18 PM	0.824	1.14	0.537
4/24/2021 5:24 PM	0.828	1.159	0.54
4/24/2021 5:30 PM	0.869	1.116	0.539
4/24/2021 5:36 PM	0.907	1.069	0.536
4/24/2021 5:42 PM	0.868	1.067	0.535
4/24/2021 5:48 PM	0.856	1.084	0.537
4/24/2021 5:54 PM	0.879	1.107	0.538
4/24/2021 6:00 PM	0.898	1.036	6.207
4/24/2021 6:06 PM	0.88	1.07	11.457
4/24/2021 6:12 PM	0.88	1.142	5.759
4/24/2021 6:18 PM	0.874	1.124	2.328
4/24/2021 6:24 PM	0.844	1.148	1.681
4/24/2021 6:30 PM	0.846	1.108	1.259
4/24/2021 6:36 PM	0.866	1.111	0.967
4/24/2021 6:42 PM	0.883	1.14	0.76
4/24/2021 6:48 PM	0.91	1.101	0.655
4/24/2021 6:54 PM	0.932	1.035	0.6
4/24/2021 7:00 PM	0.961	1.022	0.575
4/24/2021 7:06 PM	0.965	1.147	0.564
4/24/2021 7:12 PM	0.971	1.234	0.558
4/24/2021 7:18 PM	1.026	1.218	0.552
4/24/2021 7:24 PM	1.062	1.22	0.555
4/24/2021 7:30 PM	1.054	1.199	0.559
4/24/2021 7:36 PM	1.036	1.191	0.56
4/24/2021 7:42 PM	1.03	1.163	0.557
4/24/2021 7:48 PM	0.993	1.128	0.551
4/24/2021 7:54 PM	0.978	1.131	0.546
4/24/2021 8:00 PM	0.974	1.151	0.542
4/24/2021 8:06 PM	0.936	1.14	0.541
4/24/2021 8:12 PM	0.926	1.153	0.539
4/24/2021 8:18 PM	0.945	1.175	0.538
4/24/2021 8:24 PM	0.949	1.157	0.538
4/24/2021 8:30 PM	0.937	1.159	0.538
4/24/2021 8:36 PM	0.965	1.167	0.539
4/24/2021 8:42 PM	0.986	1.147	0.539
4/24/2021 8:48 PM	0.965	1.148	0.542
4/24/2021 8:54 PM	0.955	1.16	0.545
4/24/2021 9:00 PM	0.986	1.196	0.545
4/24/2021 9:06 PM	0.95	1.19	0.545
4/24/2021 9:12 PM	0.948	1.127	0.544
4/24/2021 9:18 PM	0.953	1.108	0.543

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/24/2021 9:24 PM	0.917	1.151	0.542
4/24/2021 9:30 PM	0.873	1.141	0.54
4/24/2021 9:36 PM	0.853	1.107	0.537
4/24/2021 9:42 PM	1.236	1.082	0.536
4/24/2021 9:48 PM	1.85	1.018	0.534
4/24/2021 9:54 PM	1.66	0.635	0.532
4/24/2021 10:00 PM	1.392	0.318	0.53
4/24/2021 10:06 PM	1.233	0.367	0.529
4/24/2021 10:12 PM	1.165	0.376	0.529
4/24/2021 10:18 PM	1.105	0.405	0.528
4/24/2021 10:24 PM	1.02	0.348	0.525
4/24/2021 10:30 PM	0.977	0.297	0.523
4/24/2021 10:36 PM	0.955	0.315	0.521
4/24/2021 10:42 PM	0.949	0.232	0.518
4/24/2021 10:48 PM	0.923	0.188	0.516
4/24/2021 10:54 PM	0.886	0.187	0.513
4/24/2021 11:00 PM	0.893	0.2	0.51
4/24/2021 11:06 PM	0.93	0.163	0.504
4/24/2021 11:12 PM	0.915	0.177	0.505
4/24/2021 11:18 PM	0.899	0.21	0.509
4/24/2021 11:24 PM	0.907	0.171	0.513
4/24/2021 11:30 PM	0.91	0.111	0.514
4/24/2021 11:36 PM	0.834	0.105	0.514
4/24/2021 11:42 PM	0.768	0.138	0.516
4/24/2021 11:48 PM	0.75	0.115	0.52
4/24/2021 11:54 PM	0.745	0.107	0.518
4/25/2021 12:00 AM	0.773	0.141	0.516
4/25/2021 12:06 AM	0.795	0.13	0.516
4/25/2021 12:12 AM	0.828	0.091	0.517
4/25/2021 12:18 AM	0.834	0.133	0.519
4/25/2021 12:24 AM	0.823	0.196	0.523
4/25/2021 12:30 AM	0.855	0.19	0.525
4/25/2021 12:36 AM	0.74	0.156	0.525
4/25/2021 12:42 AM	0.628	0.129	0.524
4/25/2021 12:48 AM	0.641	0.133	0.52
4/25/2021 12:54 AM	0.643	0.143	0.517
4/25/2021 1:00 AM	0.66	0.106	0.518
4/25/2021 1:06 AM	0.646	0.126	0.523
4/25/2021 1:12 AM	0.646	0.188	0.532
4/25/2021 1:18 AM	0.643	0.204	0.541
4/25/2021 1:24 AM	0.619	0.2	0.546
4/25/2021 1:30 AM	0.584	0.175	0.545
4/25/2021 1:36 AM	0.582	0.143	0.541
4/25/2021 1:42 AM	0.589	0.146	0.544
4/25/2021 1:48 AM	0.559	0.111	0.551
4/25/2021 1:54 AM	0.522	0.158	0.554
4/25/2021 2:00 AM	0.47	0.201	0.565
4/25/2021 2:06 AM	0.455	0.214	0.574
4/25/2021 2:12 AM	0.412	0.226	0.573
4/25/2021 2:18 AM	0.318	0.148	0.574
4/25/2021 2:24 AM	0.207	0.123	0.579
4/25/2021 2:30 AM	0.201	0.125	0.583
4/25/2021 2:36 AM	0.263	0.113	0.586
4/25/2021 2:42 AM	0.294	0.073	0.594

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/25/2021 2:48 AM	0.311	0.062	0.601
4/25/2021 2:54 AM	0.295	0.07	0.6
4/25/2021 3:00 AM	0.262	0.104	0.589
4/25/2021 3:06 AM	0.262	0.115	0.588
4/25/2021 3:12 AM	0.235	0.062	0.593
4/25/2021 3:18 AM	0.199	0.076	0.594
4/25/2021 3:24 AM	0.257	0.099	0.593
4/25/2021 3:30 AM	0.385	0.138	0.598
4/25/2021 3:36 AM	0.535	0.12	0.609
4/25/2021 3:42 AM	0.82	0.119	0.621
4/25/2021 3:48 AM	0.854	0.125	0.624
4/25/2021 3:54 AM	0.742	0.152	0.626
4/25/2021 4:00 AM	0.868	0.17	0.635
4/25/2021 4:06 AM	1.021	0.202	0.642
4/25/2021 4:12 AM	0.969	0.199	0.643
4/25/2021 4:18 AM	0.919	0.222	0.645
4/25/2021 4:24 AM	0.863	0.237	0.639
4/25/2021 4:30 AM	0.489	9.642	0.64
4/25/2021 4:36 AM	0.084	8.234	0.648
4/25/2021 4:42 AM	0.075	3.338	0.645
4/25/2021 4:48 AM	0.01	2.813	0.635
4/25/2021 4:54 AM	-0.039	2.73	0.637
4/25/2021 5:00 AM	0.091	3.012	0.645
4/25/2021 5:06 AM	0.54	3.608	0.652
4/25/2021 5:12 AM	0.905	3.924	0.659
4/25/2021 5:18 AM	0.884	3.647	0.66
4/25/2021 5:24 AM	0.767	3.662	8.806
4/25/2021 5:30 AM	0.75	3.837	11.32
4/25/2021 5:36 AM	0.76	3.861	7.675
4/25/2021 5:42 AM	0.75	3.743	6.363
4/25/2021 5:48 AM	0.72	3.633	4.855
4/25/2021 5:54 AM	0.707	3.372	4.688
4/25/2021 6:00 AM	0.708	3.075	3.822
4/25/2021 6:06 AM	0.701	2.875	3.486
4/25/2021 6:12 AM	0.684	2.78	3.462
4/25/2021 6:18 AM	0.652	2.764	3.615
4/25/2021 6:24 AM	0.64	2.75	3.363
4/25/2021 6:30 AM	0.656	2.724	2.929
4/25/2021 6:36 AM	0.663	2.64	2.147
4/25/2021 6:42 AM	0.671	2.627	1.486
4/25/2021 6:48 AM	0.647	2.663	1.486
4/25/2021 6:54 AM	0.644	2.704	1.371
4/25/2021 7:00 AM	0.65	2.665	1.286
4/25/2021 7:06 AM	0.631	2.692	1.326
4/25/2021 7:12 AM	0.641	2.762	1.35
4/25/2021 7:18 AM	0.661	2.764	1.351
4/25/2021 7:24 AM	0.68	2.596	1.366
4/25/2021 7:30 AM	0.692	2.602	1.385
4/25/2021 7:36 AM	0.635	2.587	1.399
4/25/2021 7:42 AM	0.635	2.737	1.457
4/25/2021 7:48 AM	0.742	2.919	1.61
4/25/2021 7:54 AM	0.759	2.883	1.681
4/25/2021 8:00 AM	0.736	3.014	1.686
4/25/2021 8:06 AM	0.745	3.133	1.678

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/25/2021 8:12 AM	0.701	3.07	1.678
4/25/2021 8:18 AM	0.673	3.023	1.687
4/25/2021 8:24 AM	0.684	2.985	1.691
4/25/2021 8:30 AM	0.684	3.056	1.683
4/25/2021 8:36 AM	0.725	3.059	1.676
4/25/2021 8:42 AM	0.71	3.071	1.652
4/25/2021 8:48 AM	0.647	3.041	1.621
4/25/2021 8:54 AM	0.597	3.048	1.6
4/25/2021 9:00 AM	0.553	3.146	1.611
4/25/2021 9:06 AM	0.59	3.14	1.595
4/25/2021 9:12 AM	0.556	3.15	1.59
4/25/2021 9:18 AM	0.524	3.064	1.564
4/25/2021 9:24 AM	0.556	2.961	1.57
4/25/2021 9:30 AM	0.573	3.025	1.57
4/25/2021 9:36 AM	0.537	3.006	1.536
4/25/2021 9:42 AM	0.497	2.754	1.513
4/25/2021 9:48 AM	0.406	2.087	1.516
4/25/2021 9:54 AM	0.482	1.761	1.217
4/25/2021 10:00 AM	0.597	1.813	0.523
4/25/2021 10:06 AM	0.427	1.862	0.194
4/25/2021 10:12 AM	0.092	1.876	0.179
4/25/2021 10:18 AM	-0.043	1.855	0.141
4/25/2021 10:24 AM	-0.01	1.795	0.153
4/25/2021 10:30 AM	0.088	1.848	0.174
4/25/2021 10:36 AM	0.2	1.872	0.177
4/25/2021 10:42 AM	0.302	1.85	0.178
4/25/2021 10:48 AM	0.378	1.808	0.168
4/25/2021 10:54 AM	0.369	1.762	0.151
4/25/2021 11:00 AM	0.326	1.752	0.154
4/25/2021 11:06 AM	0.305	1.785	0.166
4/25/2021 11:12 AM	0.264	1.761	0.177
4/25/2021 11:18 AM	0.179	1.756	0.168
4/25/2021 11:24 AM	0.149	1.782	0.176
4/25/2021 11:30 AM	0.128	1.773	0.159
4/25/2021 11:36 AM	0.108	1.745	0.171
4/25/2021 11:42 AM	0.093	1.714	0.182
4/25/2021 11:48 AM	0.086	1.725	0.172
4/25/2021 11:54 AM	0.092	1.744	0.16
4/25/2021 12:00 PM	0.092	1.625	0.153
4/25/2021 12:06 PM	0.053	1.332	0.073
4/25/2021 12:12 PM	0.176	1.244	0.061
4/25/2021 12:18 PM	0.406	1.206	0.064
4/25/2021 12:24 PM	0.579	1.216	0.062
4/25/2021 12:30 PM	0.684	1.216	0.061
4/25/2021 12:36 PM	0.742	1.178	0.054
4/25/2021 12:42 PM	0.781	1.065	0.048
4/25/2021 12:48 PM	0.796	0.912	0.048
4/25/2021 12:54 PM	0.801	0.797	0.067
4/25/2021 1:00 PM	0.79	0.755	0.076
4/25/2021 1:06 PM	0.786	0.738	0.059
4/25/2021 1:12 PM	0.794	0.734	0.035
4/25/2021 1:18 PM	0.793	0.756	0.026
4/25/2021 1:24 PM	0.783	0.779	0.028
4/25/2021 1:30 PM	0.784	0.747	0.034

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/25/2021 1:36 PM	0.815	0.733	0.034
4/25/2021 1:42 PM	0.808	0.759	0.026
4/25/2021 1:48 PM	0.747	0.801	0.016
4/25/2021 1:54 PM	0.735	0.864	0.02
4/25/2021 2:00 PM	0.742	0.918	0.044
4/25/2021 2:06 PM	0.738	0.943	0.032
4/25/2021 2:12 PM	0.74	0.987	0.023
4/25/2021 2:18 PM	0.735	0.967	0.037
4/25/2021 2:24 PM	0.729	0.916	0.038
4/25/2021 2:30 PM	0.731	0.894	0.035
4/25/2021 2:36 PM	0.724	0.896	0.031
4/25/2021 2:42 PM	0.693	0.901	0.01
4/25/2021 2:48 PM	0.658	0.926	-0.007
4/25/2021 2:54 PM	0.62	0.929	-0.001
4/25/2021 3:00 PM	0.592	0.924	0.01
4/25/2021 3:06 PM	0.595	0.918	0.011
4/25/2021 3:12 PM	0.594	0.906	0.02
4/25/2021 3:18 PM	0.62	0.884	0.024
4/25/2021 3:24 PM	0.749	0.806	0.005
4/25/2021 3:30 PM	0.879	0.724	0.018
4/25/2021 3:36 PM	0.956	0.716	0.021
4/25/2021 3:42 PM	0.986	0.703	0.003
4/25/2021 3:48 PM	0.993	0.676	0.008
4/25/2021 3:54 PM	1.019	0.667	0.01
4/25/2021 4:00 PM	1.024	0.7	0.015
4/25/2021 4:06 PM	1.027	0.754	0.014
4/25/2021 4:12 PM	1.016	0.752	0.009
4/25/2021 4:18 PM	0.986	0.715	0.019
4/25/2021 4:24 PM	0.983	0.719	0.026
4/25/2021 4:30 PM	0.982	0.746	0.017
4/25/2021 4:36 PM	0.989	0.772	0.015
4/25/2021 4:42 PM	1.009	0.787	0.01
4/25/2021 4:48 PM	1.009	0.783	0.011
4/25/2021 4:54 PM	1.017	0.778	0.018
4/25/2021 5:00 PM	1.073	0.798	0.014
4/25/2021 5:06 PM	1.084	0.813	0.016
4/25/2021 5:12 PM	1.046	0.792	0.013
4/25/2021 5:18 PM	1.056	0.815	0.018
4/25/2021 5:24 PM	1.047	0.783	0.017
4/25/2021 5:30 PM	1.047	0.79	0.013
4/25/2021 5:36 PM	1.045	0.841	0.014
4/25/2021 5:42 PM	1.043	0.836	0.012
4/25/2021 5:48 PM	1.041	0.763	0.009
4/25/2021 5:54 PM	1.031	0.665	0.01
4/25/2021 6:00 PM	1.025	0.662	0.012
4/25/2021 6:06 PM	1.033	0.668	0.023
4/25/2021 6:12 PM	1.04	0.724	0.03
4/25/2021 6:18 PM	1.042	0.747	0.031
4/25/2021 6:24 PM	1.033	0.762	0.035
4/25/2021 6:30 PM	1.04	0.781	0.039
4/25/2021 6:36 PM	1.039	0.813	0.047
4/25/2021 6:42 PM	1.025	0.802	0.049
4/25/2021 6:48 PM	1.048	0.784	0.052
4/25/2021 6:54 PM	1.062	0.765	0.057

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/25/2021 7:00 PM	1.055	0.76	0.047
4/25/2021 7:06 PM	1.06	0.783	0.048
4/25/2021 7:12 PM	1.067	0.823	0.052
4/25/2021 7:18 PM	1.048	0.866	0.06
4/25/2021 7:24 PM	1.045	0.866	0.065
4/25/2021 7:30 PM	1.03	0.79	0.068
4/25/2021 7:36 PM	1.033	0.757	0.069
4/25/2021 7:42 PM	1.059	0.784	0.067
4/25/2021 7:48 PM	1.051	0.761	0.077
4/25/2021 7:54 PM	1.058	0.752	0.082
4/25/2021 8:00 PM	1.049	0.761	0.094
4/25/2021 8:06 PM	1.011	0.817	0.106
4/25/2021 8:12 PM	0.99	0.832	0.108
4/25/2021 8:18 PM	0.977	0.843	0.108
4/25/2021 8:24 PM	0.981	0.885	0.113
4/25/2021 8:30 PM	0.989	0.856	0.121
4/25/2021 8:36 PM	0.985	0.835	0.127
4/25/2021 8:42 PM	0.989	0.804	0.132
4/25/2021 8:48 PM	0.993	0.781	0.135
4/25/2021 8:54 PM	1.02	0.791	0.147
4/25/2021 9:00 PM	1.03	0.788	0.16
4/25/2021 9:06 PM	1.001	0.738	0.164
4/25/2021 9:12 PM	0.982	0.7	0.168
4/25/2021 9:18 PM	0.988	0.719	0.173
4/25/2021 9:24 PM	0.99	0.834	0.173
4/25/2021 9:30 PM	0.956	0.943	0.187
4/25/2021 9:36 PM	0.927	1.029	0.188
4/25/2021 9:42 PM	0.915	1.021	0.185
4/25/2021 9:48 PM	0.918	0.938	0.187
4/25/2021 9:54 PM	0.924	0.9	0.189
4/25/2021 10:00 PM	0.917	0.93	0.199
4/25/2021 10:06 PM	0.895	0.937	0.208
4/25/2021 10:12 PM	0.884	0.935	0.22
4/25/2021 10:18 PM	0.907	0.907	0.213
4/25/2021 10:24 PM	0.903	0.915	0.214
4/25/2021 10:30 PM	0.879	0.916	0.218
4/25/2021 10:36 PM	0.866	0.935	0.225
4/25/2021 10:42 PM	0.834	0.966	0.225
4/25/2021 10:48 PM	0.821	0.974	0.231
4/25/2021 10:54 PM	0.853	0.954	0.244
4/25/2021 11:00 PM	0.864	0.943	0.249
4/25/2021 11:06 PM	0.857	0.953	0.255
4/25/2021 11:12 PM	0.852	0.876	0.26
4/25/2021 11:18 PM	0.855	0.771	0.261
4/25/2021 11:24 PM	0.888	0.754	0.269
4/25/2021 11:30 PM	0.882	0.741	0.279
4/25/2021 11:36 PM	0.847	0.734	0.284
4/25/2021 11:42 PM	0.842	0.697	0.28
4/25/2021 11:48 PM	1.21	0.37	0.28
4/25/2021 11:54 PM	1.254	0.57	0.28
4/26/2021 12:00 AM	1.113	0.628	0.281
4/26/2021 12:06 AM	1.078	0.383	0.287
4/26/2021 12:12 AM	0.986	0.36	0.299
4/26/2021 12:18 AM	0.918	0.298	0.304

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/26/2021 12:24 AM	0.873	0.291	0.303
4/26/2021 12:30 AM	0.831	0.335	0.307
4/26/2021 12:36 AM	0.828	0.32	0.32
4/26/2021 12:42 AM	0.818	0.24	0.326
4/26/2021 12:48 AM	0.744	0.248	0.331
4/26/2021 12:54 AM	0.637	0.251	0.331
4/26/2021 1:00 AM	0.604	0.25	0.328
4/26/2021 1:06 AM	0.604	0.246	0.332
4/26/2021 1:12 AM	0.592	0.225	0.338
4/26/2021 1:18 AM	0.57	0.251	0.351
4/26/2021 1:24 AM	0.504	0.245	0.36
4/26/2021 1:30 AM	0.458	0.231	0.362
4/26/2021 1:36 AM	0.45	0.193	0.365
4/26/2021 1:42 AM	0.42	0.181	0.366
4/26/2021 1:48 AM	0.409	0.197	0.37
4/26/2021 1:54 AM	0.407	0.181	0.377
4/26/2021 2:00 AM	0.391	0.127	0.378
4/26/2021 2:06 AM	0.353	0.14	0.389
4/26/2021 2:12 AM	0.34	0.12	0.403
4/26/2021 2:18 AM	0.324	0.12	0.407
4/26/2021 2:24 AM	0.332	0.156	0.406
4/26/2021 2:30 AM	0.334	0.142	0.412
4/26/2021 2:36 AM	0.312	0.138	0.411
4/26/2021 2:42 AM	0.289	0.176	0.411
4/26/2021 2:48 AM	0.27	0.198	0.41
4/26/2021 2:54 AM	0.237	0.18	0.408
4/26/2021 3:00 AM	0.218	0.155	0.411
4/26/2021 3:06 AM	0.227	0.117	0.417
4/26/2021 3:12 AM	0.239	0.111	0.417
4/26/2021 3:18 AM	0.229	0.144	0.425
4/26/2021 3:24 AM	0.213	0.198	0.431
4/26/2021 3:30 AM	0.215	0.202	0.432
4/26/2021 3:36 AM	0.2	0.147	0.424
4/26/2021 3:42 AM	0.155	0.177	0.425
4/26/2021 3:48 AM	0.145	0.2	0.433
4/26/2021 3:54 AM	0.164	0.199	0.438
4/26/2021 4:00 AM	0.195	0.222	0.437
4/26/2021 4:06 AM	0.222	0.226	0.441
4/26/2021 4:12 AM	0.221	0.215	0.452
4/26/2021 4:18 AM	0.063	0.195	0.455
4/26/2021 4:24 AM	-0.069	0.181	0.458
4/26/2021 4:30 AM	-0.131	0.206	0.469
4/26/2021 4:36 AM	-0.211	0.172	0.469
4/26/2021 4:42 AM	-0.257	0.161	0.461
4/26/2021 4:48 AM	-0.299	0.159	0.456
4/26/2021 4:54 AM	-0.337	0.139	0.464
4/26/2021 5:00 AM	-0.34	0.172	0.47
4/26/2021 5:06 AM	-0.328	0.189	0.468
4/26/2021 5:12 AM	-0.312	0.196	0.464
4/26/2021 5:18 AM	-0.285	0.215	0.464
4/26/2021 5:24 AM	-0.282	0.185	0.465
4/26/2021 5:30 AM	-0.272	0.158	0.464
4/26/2021 5:36 AM	-0.241	0.191	0.469
4/26/2021 5:42 AM	-0.198	0.191	0.463

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/26/2021 5:48 AM	-0.168	0.169	0.451
4/26/2021 5:54 AM	-0.145	0.181	0.449
4/26/2021 6:00 AM	-0.108	0.17	0.44
4/26/2021 6:06 AM	-0.056	0.161	0.438
4/26/2021 6:12 AM	-0.04	0.163	0.44
4/26/2021 6:18 AM	-0.039	0.139	0.434
4/26/2021 6:24 AM	-0.05	0.159	0.429
4/26/2021 6:30 AM	0.013	0.158	0.429
4/26/2021 6:36 AM	0.063	0.138	0.425
4/26/2021 6:42 AM	0.096	0.138	0.415
4/26/2021 6:48 AM	0.129	0.133	0.408
4/26/2021 6:54 AM	0.146	0.113	0.406
4/26/2021 7:00 AM	0.174	0.023	0.407
4/26/2021 7:06 AM	0.198	-0.038	0.407
4/26/2021 7:12 AM	0.211	0.012	0.401
4/26/2021 7:18 AM	0.21	0.015	0.395
4/26/2021 7:24 AM	0.218	0.026	0.398
4/26/2021 7:30 AM	0.214	0.031	0.404
4/26/2021 7:36 AM	0.221	-0.044	0.399
4/26/2021 7:42 AM	0.238	-0.039	0.39
4/26/2021 7:48 AM	0.254	-0.02	0.382
4/26/2021 7:54 AM	0.257	-0.042	0.387
4/26/2021 8:00 AM	0.272	-0.034	0.388
4/26/2021 8:06 AM	0.304	-0.025	0.39
4/26/2021 8:12 AM	0.329	-0.037	0.399
4/26/2021 8:18 AM	0.357	-0.071	0.403
4/26/2021 8:24 AM	0.39	-0.055	0.393
4/26/2021 8:30 AM	0.426	-0.039	0.391
4/26/2021 8:36 AM	0.453	-0.079	0.392
4/26/2021 8:42 AM	0.475	-0.091	0.391
4/26/2021 8:48 AM	0.496	-0.075	0.39
4/26/2021 8:54 AM	0.488	-0.058	0.398
4/26/2021 9:00 AM	0.5	-0.064	0.405
4/26/2021 9:06 AM	0.537	-0.084	0.412
4/26/2021 9:12 AM	0.549	-0.086	0.415
4/26/2021 9:18 AM	0.592	-0.055	0.419
4/26/2021 9:24 AM	0.634	-0.052	0.419
4/26/2021 9:30 AM	0.624	-0.033	0.42
4/26/2021 9:36 AM	0.599	0.025	0.425
4/26/2021 9:42 AM	0.569	0.046	0.428
4/26/2021 9:48 AM	0.556	0.021	0.43
4/26/2021 9:54 AM	0.542	-0.004	0.427
4/26/2021 10:00 AM	0.505	0.015	0.424
4/26/2021 10:06 AM	0.476	0.073	0.422
4/26/2021 10:12 AM	0.474	0.099	0.419
4/26/2021 10:18 AM	0.514	0.106	0.42
4/26/2021 10:24 AM	0.543	0.097	0.416
4/26/2021 10:30 AM	0.52	0.071	0.409
4/26/2021 10:36 AM	0.51	0.068	0.409
4/26/2021 10:42 AM	0.531	0.079	0.414
4/26/2021 10:48 AM	0.517	0.045	0.426
4/26/2021 10:54 AM	0.532	0.068	0.433
4/26/2021 11:00 AM	0.543	0.119	0.432
4/26/2021 11:06 AM	0.544	0.115	0.427

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/26/2021 11:12 AM	0.558	0.096	0.421
4/26/2021 11:18 AM	0.55	0.102	0.42
4/26/2021 11:24 AM	0.576	0.139	0.409
4/26/2021 11:30 AM	0.634	0.152	0.391
4/26/2021 11:36 AM	0.632	0.135	0.381
4/26/2021 11:42 AM	0.643	0.141	0.382
4/26/2021 11:48 AM	0.676	0.138	0.391
4/26/2021 11:54 AM	0.701	0.145	0.397
4/26/2021 12:00 PM	0.719	0.181	0.415
4/26/2021 12:06 PM	Calib	0.257	0.454
4/26/2021 12:12 PM	0.3	0.285	0.455
4/26/2021 12:18 PM	0.3	0.277	0.454
4/26/2021 12:24 PM	0.3	0.271	0.453
4/26/2021 12:30 PM	0.3	0.293	0.448
4/26/2021 12:36 PM	0.4	0.316	0.443
4/26/2021 12:42 PM	0.3	0.297	0.441
4/26/2021 12:48 PM	0.3	0.299	0.444
4/26/2021 12:54 PM	0.3	0.289	0.442
4/26/2021 1:00 PM	0.3	0.288	0.436
4/26/2021 1:06 PM	0.3	0.284	0.424
4/26/2021 1:12 PM	0.3	0.3	0.41
4/26/2021 1:18 PM	0.3	0.308	0.407
4/26/2021 1:24 PM	0.3	0.32	0.413
4/26/2021 1:30 PM	0.3	0.304	0.422
4/26/2021 1:36 PM	0.3	0.28	0.433
4/26/2021 1:42 PM	0.3	0.317	0.448
4/26/2021 1:48 PM	0.3	0.33	0.459
4/26/2021 1:54 PM	0.3	0.324	0.459
4/26/2021 2:00 PM	0.3	0.339	0.456
4/26/2021 2:06 PM	0.3	0.352	0.451
4/26/2021 2:12 PM	0.3	0.307	0.447
4/26/2021 2:18 PM	0.3	0.292	0.447
4/26/2021 2:24 PM	0.4	0.279	0.448
4/26/2021 2:30 PM	0.6	0.265	0.448
4/26/2021 2:36 PM	0.8	0.254	0.444
4/26/2021 2:42 PM	0.9	0.301	0.444
4/26/2021 2:48 PM	0.9	0.351	0.447
4/26/2021 2:54 PM	1	0.415	0.446
4/26/2021 3:00 PM	1	0.453	0.449
4/26/2021 3:06 PM	1	0.468	0.441
4/26/2021 3:12 PM	1	0.504	0.416
4/26/2021 3:18 PM	1	0.547	0.395
4/26/2021 3:24 PM	1.1	0.59	0.396
4/26/2021 3:30 PM	1.1	0.652	0.413
4/26/2021 3:36 PM	1.1	0.707	0.429
4/26/2021 3:42 PM	1.1	0.731	0.438
4/26/2021 3:48 PM	1.1	0.771	0.44
4/26/2021 3:54 PM	1.1	0.788	0.441
4/26/2021 4:00 PM	1	0.87	0.444
4/26/2021 4:06 PM	1	0.979	0.445
4/26/2021 4:12 PM	1	1.038	0.447
4/26/2021 4:18 PM	1	1.046	0.446
4/26/2021 4:24 PM	1	0.961	0.445
4/26/2021 4:30 PM	0.9	0.992	0.445

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/26/2021 4:36 PM	0.9	1.014	0.442
4/26/2021 4:42 PM	1	0.99	0.445
4/26/2021 4:48 PM	1	1.026	0.449
4/26/2021 4:54 PM	1	1.053	0.451
4/26/2021 5:00 PM	1	1.096	0.45
4/26/2021 5:06 PM	1	1.145	0.451
4/26/2021 5:12 PM	1	1.193	0.455
4/26/2021 5:18 PM	1	1.198	0.458
4/26/2021 5:24 PM	1	1.186	0.46
4/26/2021 5:30 PM	1	1.119	0.457
4/26/2021 5:36 PM	1	1.066	0.451
4/26/2021 5:42 PM	1	1.065	0.447
4/26/2021 5:48 PM	1	0.992	0.446
4/26/2021 5:54 PM	1	0.891	0.448
4/26/2021 6:00 PM	1	0.81	0.453
4/26/2021 6:06 PM	1	0.761	0.456
4/26/2021 6:12 PM	1	0.723	0.458
4/26/2021 6:18 PM	1.1	0.669	0.46
4/26/2021 6:24 PM	1.1	0.63	0.463
4/26/2021 6:30 PM	1.1	0.611	0.467
4/26/2021 6:36 PM	1.1	0.631	0.469
4/26/2021 6:42 PM	1.1	0.665	0.47
4/26/2021 6:48 PM	1.1	0.657	0.471
4/26/2021 6:54 PM	1.1	0.627	0.471
4/26/2021 7:00 PM	1.1	0.635	0.473
4/26/2021 7:06 PM	1.3	0.652	0.473
4/26/2021 7:12 PM	1.4	0.604	0.475
4/26/2021 7:18 PM	1.1	0.578	0.48
4/26/2021 7:24 PM	1	0.574	0.484
4/26/2021 7:30 PM	0.9	0.623	0.486
4/26/2021 7:36 PM	0.9	0.664	0.487
4/26/2021 7:42 PM	0.8	0.643	0.487
4/26/2021 7:48 PM	0.7	0.66	0.488
4/26/2021 7:54 PM	0.7	0.699	0.488
4/26/2021 8:00 PM	0.6	0.698	0.487
4/26/2021 8:06 PM	0.5	0.708	0.484
4/26/2021 8:12 PM	0.4	0.696	0.481
4/26/2021 8:18 PM	0.4	0.694	0.482
4/26/2021 8:24 PM	0.4	0.698	0.482
4/26/2021 8:30 PM	0.4	0.711	0.486
4/26/2021 8:36 PM	0.3	0.737	0.492
4/26/2021 8:42 PM	0.3	0.749	0.494
4/26/2021 8:48 PM	0.3	0.762	0.494
4/26/2021 8:54 PM	0.3	0.769	0.495
4/26/2021 9:00 PM	0.3	0.783	0.494
4/26/2021 9:06 PM	0.3	0.772	0.493
4/26/2021 9:12 PM	0.3	0.767	0.493
4/26/2021 9:18 PM	0.3	0.782	0.493
4/26/2021 9:24 PM	0.3	0.777	0.491
4/26/2021 9:30 PM	0.3	0.785	0.493
4/26/2021 9:36 PM	0.3	0.788	0.494
4/26/2021 9:42 PM	0.2	0.781	0.496
4/26/2021 9:48 PM	0.2	0.808	0.502
4/26/2021 9:54 PM	0.3	0.842	0.506

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/26/2021 10:00 PM	0.3	0.856	0.51
4/26/2021 10:06 PM	0.6	0.863	0.513
4/26/2021 10:12 PM	0.8	0.849	0.517
4/26/2021 10:18 PM	0.8	0.836	0.517
4/26/2021 10:24 PM	0.8	0.848	0.519
4/26/2021 10:30 PM	0.8	0.855	0.52
4/26/2021 10:36 PM	0.7	0.85	0.521
4/26/2021 10:42 PM	0.7	0.838	0.526
4/26/2021 10:48 PM	0.7	0.837	0.528
4/26/2021 10:54 PM	0.7	0.866	0.526
4/26/2021 11:00 PM	0.7	0.924	0.523
4/26/2021 11:06 PM	0.6	0.973	0.524
4/26/2021 11:12 PM	0.6	1.002	0.525
4/26/2021 11:18 PM	0.6	1.016	0.526
4/26/2021 11:24 PM	0.6	1.015	0.523
4/26/2021 11:30 PM	0.6	0.996	0.521
4/26/2021 11:36 PM	0.5	0.982	0.521
4/26/2021 11:42 PM	0.5	0.97	0.524
4/26/2021 11:48 PM	0.5	0.992	0.524
4/26/2021 11:54 PM	0.4	0.991	0.526
4/27/2021 12:00 AM	0.4	0.978	0.528
4/27/2021 12:06 AM	0.4	0.985	0.53
4/27/2021 12:12 AM	0.5	1.005	0.532
4/27/2021 12:18 AM	0.5	1.026	0.531
4/27/2021 12:24 AM	0.4	1.032	0.532
4/27/2021 12:30 AM	0.4	1.029	0.533
4/27/2021 12:36 AM	0.4	1.013	0.528
4/27/2021 12:42 AM	0.4	1.017	0.526
4/27/2021 12:48 AM	0.5	1.049	0.524
4/27/2021 12:54 AM	0.5	1.083	0.523
4/27/2021 1:00 AM	0.4	1.102	0.525
4/27/2021 1:06 AM	-0.2	1.137	0.531
4/27/2021 1:12 AM	-0.6	1.131	0.532
4/27/2021 1:18 AM	-0.6	1.15	0.525
4/27/2021 1:24 AM	-0.6	1.189	0.519
4/27/2021 1:30 AM	-0.5	1.203	0.523
4/27/2021 1:36 AM	-0.5	1.239	0.524
4/27/2021 1:42 AM	-0.5	1.274	0.524
4/27/2021 1:48 AM	-0.5	1.302	0.521
4/27/2021 1:54 AM	-0.5	1.329	0.516
4/27/2021 2:00 AM	-0.5	1.346	0.516
4/27/2021 2:06 AM	-0.4	1.352	0.519
4/27/2021 2:12 AM	-0.4	1.354	0.521
4/27/2021 2:18 AM	-0.4	1.356	0.521
4/27/2021 2:24 AM	-0.4	1.391	0.522
4/27/2021 2:30 AM	-0.4	1.417	0.518
4/27/2021 2:36 AM	-0.4	1.452	0.515
4/27/2021 2:42 AM	-0.4	1.48	0.518
4/27/2021 2:48 AM	-0.3	1.52	0.518
4/27/2021 2:54 AM	-0.3	1.537	0.517
4/27/2021 3:00 AM	-0.3	1.56	0.516
4/27/2021 3:06 AM	-0.3	1.583	0.514
4/27/2021 3:12 AM	-0.3	1.615	0.507
4/27/2021 3:18 AM	-0.3	1.627	0.508

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/27/2021 3:24 AM	-0.3	1.656	0.51
4/27/2021 3:30 AM	-0.3	1.747	0.513
4/27/2021 3:36 AM	-0.3	1.769	0.519
4/27/2021 3:42 AM	-0.2	1.744	0.533
4/27/2021 3:48 AM	-0.2	1.71	0.543
4/27/2021 3:54 AM	-0.2	1.706	0.534
4/27/2021 4:00 AM	-0.2	1.706	0.525
4/27/2021 4:06 AM	-0.2	1.663	0.535
4/27/2021 4:12 AM	-0.2	1.594	0.554
4/27/2021 4:18 AM	-0.2	1.574	0.561
4/27/2021 4:24 AM	-0.2	1.588	0.551
4/27/2021 4:30 AM	-0.2	1.586	0.541
4/27/2021 4:36 AM	-0.1	1.642	0.532
4/27/2021 4:42 AM	-0.1	1.706	0.523
4/27/2021 4:48 AM	-0.1	1.708	0.519
4/27/2021 4:54 AM	0	1.717	0.512
4/27/2021 5:00 AM	0	1.739	0.503
4/27/2021 5:06 AM	0	1.738	0.498
4/27/2021 5:12 AM	0	1.739	0.491
4/27/2021 5:18 AM	-0.1	1.761	0.489
4/27/2021 5:24 AM	-0.1	1.787	0.492
4/27/2021 5:30 AM	-0.1	1.804	0.495
4/27/2021 5:36 AM	-0.1	1.789	0.495
4/27/2021 5:42 AM	-0.1	1.802	0.499
4/27/2021 5:48 AM	0	1.852	0.493
4/27/2021 5:54 AM	0	1.869	0.484
4/27/2021 6:00 AM	-0.1	1.886	0.481
4/27/2021 6:06 AM	-0.1	1.904	0.481
4/27/2021 6:12 AM	-0.1	1.931	0.483
4/27/2021 6:18 AM	0	2.016	0.486
4/27/2021 6:24 AM	0	2.277	0.483
4/27/2021 6:30 AM	0	2.476	0.477
4/27/2021 6:36 AM	0	2.412	0.473
4/27/2021 6:42 AM	0	2.327	0.47
4/27/2021 6:48 AM	0	2.268	0.468
4/27/2021 6:54 AM	0	2.184	0.471
4/27/2021 7:00 AM	0.1	2.112	0.471
4/27/2021 7:06 AM	0	2.042	0.472
4/27/2021 7:12 AM	0	1.991	0.469
4/27/2021 7:18 AM	1.4	1.986	0.469
4/27/2021 7:24 AM	2.8	2.006	0.468
4/27/2021 7:30 AM	2	2.061	0.465
4/27/2021 7:36 AM	1.5	2.117	0.462
4/27/2021 7:42 AM	1.5	2.16	0.457
4/27/2021 7:48 AM	1.5	2.208	0.45
4/27/2021 7:54 AM	1.4	2.252	0.448
4/27/2021 8:00 AM	1.3	2.322	0.445
4/27/2021 8:06 AM	1.3	2.433	0.443
4/27/2021 8:12 AM	1.2	2.488	0.444
4/27/2021 8:18 AM	1.2	2.544	0.445
4/27/2021 8:24 AM	1.2	2.591	0.443
4/27/2021 8:30 AM	1.1	2.626	0.443
4/27/2021 8:36 AM	1.1	2.644	0.441
4/27/2021 8:42 AM	1	2.661	0.439

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/27/2021 8:48 AM	0.9	2.696	0.437
4/27/2021 8:54 AM	0.9	2.733	0.436
4/27/2021 9:00 AM	1	2.767	0.432
4/27/2021 9:06 AM	1.1	2.762	0.436
4/27/2021 9:12 AM	1	2.77	0.441
4/27/2021 9:18 AM	0.8	2.82	0.442
4/27/2021 9:24 AM	0.8	2.841	0.442
4/27/2021 9:30 AM	0.7	2.835	0.444
4/27/2021 9:36 AM	0.6	2.865	0.444
4/27/2021 9:42 AM	0.6	2.959	0.437
4/27/2021 9:48 AM	0.5	3.058	0.428
4/27/2021 9:54 AM	0.4	3.183	0.422
4/27/2021 10:00 AM	0.4	3.312	0.419
4/27/2021 10:06 AM	0.4	3.441	0.41
4/27/2021 10:12 AM	0.4	3.566	0.398
4/27/2021 10:18 AM	0.3	3.654	0.391
4/27/2021 10:24 AM	0.3	3.754	0.388
4/27/2021 10:30 AM	0.3	3.823	0.385
4/27/2021 10:36 AM	0.3	3.862	0.383
4/27/2021 10:42 AM	0.3	3.844	0.386
4/27/2021 10:48 AM	0.3	3.797	0.392
4/27/2021 10:54 AM	0.3	3.754	0.394
4/27/2021 11:00 AM	0.3	3.725	0.396
4/27/2021 11:06 AM	0.3	3.689	0.394
4/27/2021 11:12 AM	0.4	3.647	0.394
4/27/2021 11:18 AM	0.4	3.617	0.393
4/27/2021 11:24 AM	0.4	3.55	0.388
4/27/2021 11:30 AM	0.4	3.452	0.389
4/27/2021 11:36 AM	0.4	3.349	0.392
4/27/2021 11:42 AM	0.4	3.227	0.397
4/27/2021 11:48 AM	0.4	3.079	0.406
4/27/2021 11:54 AM	0.4	2.885	0.41
4/27/2021 12:00 PM	Calib	2.71	0.418
4/27/2021 12:06 PM	0.486	2.282	0.445
4/27/2021 12:12 PM	0.498	2.104	0.445
4/27/2021 12:18 PM	0.539	1.881	0.448
4/27/2021 12:24 PM	<Samp	<Samp	<Samp
4/27/2021 12:30 PM	0.524	1.7	0.453
4/27/2021 12:36 PM	0.503	1.722	0.464
4/27/2021 12:42 PM	0.508	1.77	0.469
4/27/2021 12:48 PM	0.526	1.848	0.472
4/27/2021 12:54 PM	0.527	1.915	0.472
4/27/2021 1:00 PM	0.519	1.917	0.465
4/27/2021 1:06 PM	0.499	1.892	0.451
4/27/2021 1:12 PM	0.482	1.795	0.437
4/27/2021 1:18 PM	0.457	1.729	0.436
4/27/2021 1:24 PM	0.439	1.687	0.446
4/27/2021 1:30 PM	0.501	1.635	0.455
4/27/2021 1:36 PM	0.64	1.716	0.458
4/27/2021 1:42 PM	0.76	1.842	0.459
4/27/2021 1:48 PM	0.822	1.967	0.46
4/27/2021 1:54 PM	0.849	2.148	0.456
4/27/2021 2:00 PM	0.8	2.296	0.455
4/27/2021 2:06 PM	0.775	2.411	0.453

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/27/2021 2:12 PM	0.796	2.458	0.449
4/27/2021 2:18 PM	0.814	2.456	0.447
4/27/2021 2:24 PM	0.799	2.469	0.442
4/27/2021 2:30 PM	0.808	2.469	0.437
4/27/2021 2:36 PM	0.823	2.385	0.437
4/27/2021 2:42 PM	0.846	2.253	0.441
4/27/2021 2:48 PM	0.844	2.196	0.448
4/27/2021 2:54 PM	0.811	2.298	0.45
4/27/2021 3:00 PM	0.805	2.505	0.448
4/27/2021 3:06 PM	0.825	2.761	0.438
4/27/2021 3:12 PM	0.794	3.021	0.423
4/27/2021 3:18 PM	0.745	3.294	0.417
4/27/2021 3:24 PM	0.758	3.564	0.423
4/27/2021 3:30 PM	0.789	3.727	0.432
4/27/2021 3:36 PM	0.784	3.787	0.442
4/27/2021 3:42 PM	0.756	3.799	0.45
4/27/2021 3:48 PM	0.757	3.756	0.456
4/27/2021 3:54 PM	0.781	3.619	0.461
4/27/2021 4:00 PM	0.774	3.473	0.462
4/27/2021 4:06 PM	0.769	3.255	0.46
4/27/2021 4:12 PM	0.782	3.033	0.456
4/27/2021 4:18 PM	0.793	2.766	0.454
4/27/2021 4:24 PM	0.825	2.51	0.455
4/27/2021 4:30 PM	0.86	2.365	0.456
4/27/2021 4:36 PM	0.861	2.286	0.457
4/27/2021 4:42 PM	0.863	2.268	0.461
4/27/2021 4:48 PM	0.855	2.267	0.468
4/27/2021 4:54 PM	0.845	2.269	0.472
4/27/2021 5:00 PM	0.84	2.297	0.472
4/27/2021 5:06 PM	0.875	2.347	0.473
4/27/2021 5:12 PM	1.28	2.414	0.475
4/27/2021 5:18 PM	1.397	2.472	0.478
4/27/2021 5:24 PM	1.146	2.591	0.477
4/27/2021 5:30 PM	1.05	2.986	0.477
4/27/2021 5:36 PM	0.891	3.464	0.48
4/27/2021 5:42 PM	0.777	3.803	0.483
4/27/2021 5:48 PM	0.668	4.115	0.483
4/27/2021 5:54 PM	0.596	4.364	0.48
4/27/2021 6:00 PM	0.533	4.475	0.475
4/27/2021 6:06 PM	0.456	4.444	0.472
4/27/2021 6:12 PM	0.452	4.26	0.469
4/27/2021 6:18 PM	0.413	4.132	0.465
4/27/2021 6:24 PM	0.335	4.08	0.461
4/27/2021 6:30 PM	0.35	4.003	0.46
4/27/2021 6:36 PM	0.484	3.914	0.46
4/27/2021 6:42 PM	0.643	3.849	0.463
4/27/2021 6:48 PM	0.721	3.799	0.465
4/27/2021 6:54 PM	0.728	3.748	0.465
4/27/2021 7:00 PM	0.709	3.704	0.467
4/27/2021 7:06 PM	0.636	3.653	0.469
4/27/2021 7:12 PM	0.572	3.599	0.472
4/27/2021 7:18 PM	0.544	3.566	0.472
4/27/2021 7:24 PM	0.494	3.535	0.471
4/27/2021 7:30 PM	0.409	3.52	0.472

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/27/2021 7:36 PM	0.392	3.499	0.472
4/27/2021 7:42 PM	0.409	3.47	0.476
4/27/2021 7:48 PM	0.392	3.453	0.48
4/27/2021 7:54 PM	0.36	3.452	0.481
4/27/2021 8:00 PM	0.314	3.443	0.482
4/27/2021 8:06 PM	0.282	3.438	0.485
4/27/2021 8:12 PM	0.286	3.43	0.489
4/27/2021 8:18 PM	0.283	3.433	0.493
4/27/2021 8:24 PM	0.242	3.448	0.492
4/27/2021 8:30 PM	0.236	3.462	0.489
4/27/2021 8:36 PM	0.264	3.48	0.486
4/27/2021 8:42 PM	0.249	3.506	0.483
4/27/2021 8:48 PM	0.241	3.534	0.481
4/27/2021 8:54 PM	0.251	3.555	0.482
4/27/2021 9:00 PM	0.227	3.568	0.484
4/27/2021 9:06 PM	0.207	3.581	0.485
4/27/2021 9:12 PM	0.218	3.614	0.482
4/27/2021 9:18 PM	0.222	3.656	0.479
4/27/2021 9:24 PM	0.244	3.674	0.482
4/27/2021 9:30 PM	0.247	3.681	0.481
4/27/2021 9:36 PM	0.221	3.676	0.479
4/27/2021 9:42 PM	0.244	3.666	0.479
4/27/2021 9:48 PM	0.297	3.66	0.478
4/27/2021 9:54 PM	0.279	3.651	0.476
4/27/2021 10:00 PM	0.268	3.65	0.476
4/27/2021 10:06 PM	0.281	3.641	0.478
4/27/2021 10:12 PM	0.281	3.628	0.48
4/27/2021 10:18 PM	0.309	3.605	0.483
4/27/2021 10:24 PM	0.32	3.578	0.485
4/27/2021 10:30 PM	0.316	3.564	0.484
4/27/2021 10:36 PM	0.326	3.538	0.483
4/27/2021 10:42 PM	0.319	3.494	0.481
4/27/2021 10:48 PM	0.35	3.473	0.478
4/27/2021 10:54 PM	0.421	3.476	0.476
4/27/2021 11:00 PM	0.473	3.475	0.476
4/27/2021 11:06 PM	0.556	3.477	0.477
4/27/2021 11:12 PM	0.61	3.487	0.477
4/27/2021 11:18 PM	0.652	3.483	0.476
4/27/2021 11:24 PM	0.693	3.482	0.475
4/27/2021 11:30 PM	0.679	3.486	0.476
4/27/2021 11:36 PM	0.703	3.493	0.475
4/27/2021 11:42 PM	0.708	3.506	0.477
4/27/2021 11:48 PM	0.703	3.502	0.481
4/27/2021 11:54 PM	0.717	3.472	0.482
4/28/2021 12:00 AM	0.704	3.456	0.48
4/28/2021 12:06 AM	0.7	3.444	0.477
4/28/2021 12:12 AM	0.66	3.429	0.474
4/28/2021 12:18 AM	0.635	3.407	0.473
4/28/2021 12:24 AM	0.639	3.411	0.473
4/28/2021 12:30 AM	0.658	3.43	0.477
4/28/2021 12:36 AM	0.506	3.428	0.481
4/28/2021 12:42 AM	0.255	3.434	0.482
4/28/2021 12:48 AM	0.123	3.439	0.485
4/28/2021 12:54 AM	0.116	3.44	0.488

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/28/2021 1:00 AM	0.157	3.447	0.491
4/28/2021 1:06 AM	0.21	3.435	0.493
4/28/2021 1:12 AM	0.286	3.429	0.494
4/28/2021 1:18 AM	0.344	3.43	0.496
4/28/2021 1:24 AM	0.401	3.414	0.497
4/28/2021 1:30 AM	0.473	3.413	0.496
4/28/2021 1:36 AM	0.516	3.43	0.499
4/28/2021 1:42 AM	0.505	3.423	0.498
4/28/2021 1:48 AM	0.488	3.402	0.494
4/28/2021 1:54 AM	0.543	3.372	0.487
4/28/2021 2:00 AM	0.579	3.331	0.484
4/28/2021 2:06 AM	0.586	3.258	0.487
4/28/2021 2:12 AM	0.602	3.177	0.495
4/28/2021 2:18 AM	0.676	3.087	0.504
4/28/2021 2:24 AM	0.724	3.031	0.511
4/28/2021 2:30 AM	0.723	2.987	0.513
4/28/2021 2:36 AM	0.691	2.957	0.512
4/28/2021 2:42 AM	0.696	2.934	0.51
4/28/2021 2:48 AM	0.729	2.919	0.512
4/28/2021 2:54 AM	0.713	2.909	0.512
4/28/2021 3:00 AM	0.691	2.898	0.512
4/28/2021 3:06 AM	0.669	2.905	0.512
4/28/2021 3:12 AM	0.671	2.904	0.512
4/28/2021 3:18 AM	0.67	2.885	0.514
4/28/2021 3:24 AM	0.682	2.868	0.519
4/28/2021 3:30 AM	0.712	2.867	0.525
4/28/2021 3:36 AM	0.718	2.876	0.526
4/28/2021 3:42 AM	0.729	2.893	0.527
4/28/2021 3:48 AM	0.735	2.921	0.53
4/28/2021 3:54 AM	0.73	2.961	0.53
4/28/2021 4:00 AM	0.767	3.003	0.529
4/28/2021 4:06 AM	0.767	3.048	0.526
4/28/2021 4:12 AM	0.718	3.072	0.526
4/28/2021 4:18 AM	0.654	3.119	0.529
4/28/2021 4:24 AM	0.651	3.156	0.539
4/28/2021 4:30 AM	0.664	3.173	0.554
4/28/2021 4:36 AM	0.599	3.198	0.567
4/28/2021 4:42 AM	0.265	3.226	0.576
4/28/2021 4:48 AM	0.136	3.256	0.581
4/28/2021 4:54 AM	0.275	3.277	0.575
4/28/2021 5:00 AM	0.354	3.299	0.567
4/28/2021 5:06 AM	0.39	3.354	0.554
4/28/2021 5:12 AM	0.419	3.433	0.541
4/28/2021 5:18 AM	0.426	3.511	0.533
4/28/2021 5:24 AM	0.426	3.662	0.525
4/28/2021 5:30 AM	0.408	3.82	0.519
4/28/2021 5:36 AM	0.355	3.95	0.512
4/28/2021 5:42 AM	0.317	3.981	0.506
4/28/2021 5:48 AM	0.296	3.978	0.503
4/28/2021 5:54 AM	0.277	3.978	0.499
4/28/2021 6:00 AM	0.263	3.969	0.492
4/28/2021 6:06 AM	0.259	3.945	0.489
4/28/2021 6:12 AM	0.265	3.913	0.487
4/28/2021 6:18 AM	0.258	3.862	0.486

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/28/2021 6:24 AM	0.235	3.809	0.484
4/28/2021 6:30 AM	0.224	3.729	0.476
4/28/2021 6:36 AM	0.202	14.816	0.463
4/28/2021 6:42 AM	-0.103	20.303	0.457
4/28/2021 6:48 AM	-0.266	8.883	0.458
4/28/2021 6:54 AM	-0.302	6.463	0.46
4/28/2021 7:00 AM	-0.444	5.836	0.462
4/28/2021 7:06 AM	-0.426	5.206	0.459
4/28/2021 7:12 AM	-0.416	3.993	0.454
4/28/2021 7:18 AM	-0.406	3.472	0.449
4/28/2021 7:24 AM	-0.331	3.366	0.442
4/28/2021 7:30 AM	-0.276	3.13	0.433
4/28/2021 7:36 AM	-0.243	2.769	0.425
4/28/2021 7:42 AM	-0.159	2.424	0.426
4/28/2021 7:48 AM	-0.127	2.181	0.429
4/28/2021 7:54 AM	-0.118	1.833	0.431
4/28/2021 8:00 AM	-0.092	1.59	0.431
4/28/2021 8:06 AM	-0.03	1.415	0.43
4/28/2021 8:12 AM	0.013	1.277	0.431
4/28/2021 8:18 AM	-0.002	1.177	0.431
4/28/2021 8:24 AM	0.006	1.148	0.867
4/28/2021 8:30 AM	0.051	1.124	5.808
4/28/2021 8:36 AM	0.077	0.771	9.365
4/28/2021 8:42 AM	0.114	0.343	5.788
4/28/2021 8:48 AM	0.129	0.229	3.74
4/28/2021 8:54 AM	0.108	0.223	3.693
4/28/2021 9:00 AM	0.104	0.207	3.885
4/28/2021 9:06 AM	0.096	0.145	3.392
4/28/2021 9:12 AM	0.085	0.121	2.761
4/28/2021 9:18 AM	0.088	0.132	2.436
4/28/2021 9:24 AM	0.108	0.124	2.298
4/28/2021 9:30 AM	0.112	0.085	2.259
4/28/2021 9:36 AM	0.13	0.041	2.187
4/28/2021 9:42 AM	0.162	0.067	2.081
4/28/2021 9:48 AM	0.161	0.193	2.035
4/28/2021 9:54 AM	0.172	0.173	2.12
4/28/2021 10:00 AM	0.205	0.138	2.21
4/28/2021 10:06 AM	0.239	0.104	2.252
4/28/2021 10:12 AM	0.283	0.072	2.284
4/28/2021 10:18 AM	0.314	0.096	2.352
4/28/2021 10:24 AM	0.339	0.133	2.384
4/28/2021 10:30 AM	0.37	0.152	2.395
4/28/2021 10:36 AM	0.413	0.15	2.394
4/28/2021 10:42 AM	0.428	0.102	2.39
4/28/2021 10:48 AM	0.454	0.136	2.407
4/28/2021 10:54 AM	0.467	0.171	2.403
4/28/2021 11:00 AM	0.501	0.173	2.405
4/28/2021 11:06 AM	1.678	0.167	2.417
4/28/2021 11:12 AM	2.138	0.187	2.39
4/28/2021 11:18 AM	0.991	0.222	2.369
4/28/2021 11:24 AM	0.651	0.213	2.323
4/28/2021 11:30 AM	0.631	0.212	2.191
4/28/2021 11:36 AM	0.676	0.218	2.01
4/28/2021 11:42 AM	0.635	0.187	1.925

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/28/2021 11:48 AM	0.582	0.216	1.919
4/28/2021 11:54 AM	0.582	0.231	1.939
4/28/2021 12:00 PM	0.523	0.255	1.973
4/28/2021 12:06 PM	0.354	0.274	1.967
4/28/2021 12:12 PM	0.318	0.26	1.985
4/28/2021 12:18 PM	0.298	0.243	1.99
4/28/2021 12:24 PM	0.342	0.245	1.978
4/28/2021 12:30 PM	0.382	0.299	1.981
4/28/2021 12:36 PM	0.427	0.288	1.987
4/28/2021 12:42 PM	0.451	0.288	1.99
4/28/2021 12:48 PM	0.478	0.288	1.996
4/28/2021 12:54 PM	0.492	0.299	2.004
4/28/2021 1:00 PM	0.515	0.295	2.02
4/28/2021 1:06 PM	0.533	0.284	2.027
4/28/2021 1:12 PM	0.586	0.295	2.011
4/28/2021 1:18 PM	0.678	0.309	1.987
4/28/2021 1:24 PM	0.677	0.283	2.005
4/28/2021 1:30 PM	0.613	0.289	2.014
4/28/2021 1:36 PM	0.624	0.353	1.994
4/28/2021 1:42 PM	0.665	0.381	1.967
4/28/2021 1:48 PM	0.681	0.345	1.959
4/28/2021 1:54 PM	0.682	0.339	1.956
4/28/2021 2:00 PM	0.629	0.345	1.958
4/28/2021 2:06 PM	0.567	0.334	1.943
4/28/2021 2:12 PM	0.523	0.349	1.973
4/28/2021 2:18 PM	0.481	0.345	1.999
4/28/2021 2:24 PM	0.423	0.312	2.012
4/28/2021 2:30 PM	0.402	0.301	2.008
4/28/2021 2:36 PM	0.453	0.296	2.013
4/28/2021 2:42 PM	0.477	0.362	2.031
4/28/2021 2:48 PM	0.456	0.417	2.014
4/28/2021 2:54 PM	0.48	0.436	2.01
4/28/2021 3:00 PM	0.495	0.444	2.007
4/28/2021 3:06 PM	0.498	0.459	2.011
4/28/2021 3:12 PM	0.451	0.523	2.02
4/28/2021 3:18 PM	0.437	0.581	2.019
4/28/2021 3:24 PM	0.424	0.58	2.006
4/28/2021 3:30 PM	0.367	0.569	2.02
4/28/2021 3:36 PM	0.389	0.563	2.025
4/28/2021 3:42 PM	0.385	0.62	2.01
4/28/2021 3:48 PM	0.385	0.699	2.008
4/28/2021 3:54 PM	0.416	0.698	2.025
4/28/2021 4:00 PM	0.396	0.645	2.02
4/28/2021 4:06 PM	0.337	0.624	2.043
4/28/2021 4:12 PM	0.35	0.671	2.032
4/28/2021 4:18 PM	0.354	0.713	2.009
4/28/2021 4:24 PM	0.332	0.723	2.034
4/28/2021 4:30 PM	0.315	0.729	2.055
4/28/2021 4:36 PM	0.311	0.74	2.045
4/28/2021 4:42 PM	0.331	0.777	2.051
4/28/2021 4:48 PM	0.322	0.816	2.067
4/28/2021 4:54 PM	0.33	0.871	2.099
4/28/2021 5:00 PM	0.366	0.985	2.071
4/28/2021 5:06 PM	0.4	1.026	2.08

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/28/2021 5:12 PM	0.41	0.96	2.1
4/28/2021 5:18 PM	0.419	0.887	2.103
4/28/2021 5:24 PM	0.45	0.836	2.078
4/28/2021 5:30 PM	0.48	0.806	2.08
4/28/2021 5:36 PM	0.478	0.792	2.088
4/28/2021 5:42 PM	0.486	0.737	2.105
4/28/2021 5:48 PM	0.51	0.698	2.093
4/28/2021 5:54 PM	0.544	0.673	2.097
4/28/2021 6:00 PM	0.547	0.655	2.092
4/28/2021 6:06 PM	0.54	0.652	2.1
4/28/2021 6:12 PM	0.542	0.619	2.124
4/28/2021 6:18 PM	0.547	0.622	2.129
4/28/2021 6:24 PM	0.552	0.652	2.098
4/28/2021 6:30 PM	0.553	0.628	2.091
4/28/2021 6:36 PM	0.556	0.6	2.106
4/28/2021 6:42 PM	0.539	0.594	2.101
4/28/2021 6:48 PM	0.538	0.564	2.12
4/28/2021 6:54 PM	0.522	0.584	2.135
4/28/2021 7:00 PM	0.54	0.603	2.134
4/28/2021 7:06 PM	0.57	0.583	2.137
4/28/2021 7:12 PM	0.571	0.56	2.136
4/28/2021 7:18 PM	0.546	0.587	2.137
4/28/2021 7:24 PM	0.534	0.619	2.143
4/28/2021 7:30 PM	0.536	0.631	2.143
4/28/2021 7:36 PM	0.556	0.631	2.146
4/28/2021 7:42 PM	0.578	0.611	2.16
4/28/2021 7:48 PM	0.531	0.618	2.168
4/28/2021 7:54 PM	0.468	0.664	2.29
4/28/2021 8:00 PM	0.419	0.674	2.529
4/28/2021 8:06 PM	0.38	0.66	2.592
4/28/2021 8:12 PM	0.38	0.706	2.584
4/28/2021 8:18 PM	0.36	0.735	2.581
4/28/2021 8:24 PM	0.337	0.757	2.579
4/28/2021 8:30 PM	0.254	0.637	2.632
4/28/2021 8:36 PM	0.144	0.554	2.728
4/28/2021 8:42 PM	0.15	0.596	2.738
4/28/2021 8:48 PM	0.138	0.638	2.726
4/28/2021 8:54 PM	0.151	0.701	2.72
4/28/2021 9:00 PM	0.163	0.747	2.668
4/28/2021 9:06 PM	0.203	0.794	2.575
4/28/2021 9:12 PM	0.223	0.829	2.556
4/28/2021 9:18 PM	0.232	0.81	2.549
4/28/2021 9:24 PM	0.223	0.788	2.548
4/28/2021 9:30 PM	0.201	0.782	2.549
4/28/2021 9:36 PM	0.213	0.786	2.559
4/28/2021 9:42 PM	0.247	0.806	2.57
4/28/2021 9:48 PM	0.243	0.813	2.573
4/28/2021 9:54 PM	0.241	0.791	2.606
4/28/2021 10:00 PM	0.23	0.792	2.595
4/28/2021 10:06 PM	0.233	0.817	2.587
4/28/2021 10:12 PM	0.216	0.84	2.593
4/28/2021 10:18 PM	0.203	0.837	2.6
4/28/2021 10:24 PM	0.226	0.849	2.627
4/28/2021 10:30 PM	0.259	0.859	2.584

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/28/2021 10:36 PM	0.264	0.879	2.441
4/28/2021 10:42 PM	0.256	0.903	2.368
4/28/2021 10:48 PM	0.251	0.928	2.386
4/28/2021 10:54 PM	0.271	0.935	2.571
4/28/2021 11:00 PM	0.268	0.934	2.658
4/28/2021 11:06 PM	0.271	0.953	2.679
4/28/2021 11:12 PM	0.282	0.96	2.706
4/28/2021 11:18 PM	0.304	0.978	2.708
4/28/2021 11:24 PM	0.327	0.959	2.706
4/28/2021 11:30 PM	0.319	0.97	2.702
4/28/2021 11:36 PM	0.332	1	2.667
4/28/2021 11:42 PM	0.359	1.008	2.685
4/28/2021 11:48 PM	0.356	0.992	2.681
4/28/2021 11:54 PM	0.334	0.977	2.689
4/29/2021 12:00 AM	0.322	1	2.71
4/29/2021 12:06 AM	0.323	0.993	2.694
4/29/2021 12:12 AM	0.331	0.967	2.673
4/29/2021 12:18 AM	0.342	0.973	2.677
4/29/2021 12:24 AM	0.33	0.982	2.697
4/29/2021 12:30 AM	0.344	0.997	2.689
4/29/2021 12:36 AM	0.323	0.986	2.685
4/29/2021 12:42 AM	0.283	0.976	2.679
4/29/2021 12:48 AM	0.294	0.972	2.215
4/29/2021 12:54 AM	0.337	1.01	0.798
4/29/2021 1:00 AM	0.329	1.04	0.072
4/29/2021 1:06 AM	0.361	1.057	0.065
4/29/2021 1:12 AM	0.357	1.085	0.049
4/29/2021 1:18 AM	0.341	1.11	0.057
4/29/2021 1:24 AM	0.327	1.1	0.073
4/29/2021 1:30 AM	0.308	1.098	0.088
4/29/2021 1:36 AM	0.306	1.076	0.092
4/29/2021 1:42 AM	0.289	1.087	0.085
4/29/2021 1:48 AM	0.266	1.12	0.066
4/29/2021 1:54 AM	0.279	1.123	0.07
4/29/2021 2:00 AM	0.297	1.131	0.072
4/29/2021 2:06 AM	0.295	1.155	0.071
4/29/2021 2:12 AM	0.286	1.175	0.064
4/29/2021 2:18 AM	0.27	1.181	0.053
4/29/2021 2:24 AM	0.257	1.183	0.05
4/29/2021 2:30 AM	0.252	1.204	0.057
4/29/2021 2:36 AM	0.253	1.247	0.063
4/29/2021 2:42 AM	0.256	1.253	0.058
4/29/2021 2:48 AM	0.273	1.248	0.056
4/29/2021 2:54 AM	0.249	1.252	0.065
4/29/2021 3:00 AM	0.2	1.295	0.094
4/29/2021 3:06 AM	0.187	1.351	0.097
4/29/2021 3:12 AM	0.146	1.403	0.089
4/29/2021 3:18 AM	0.123	1.445	0.101
4/29/2021 3:24 AM	0.151	1.468	0.098
4/29/2021 3:30 AM	0.153	1.506	0.079
4/29/2021 3:36 AM	0.128	1.502	0.082
4/29/2021 3:42 AM	0.134	1.481	0.097
4/29/2021 3:48 AM	0.125	1.492	0.084
4/29/2021 3:54 AM	0.145	1.491	0.079

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/29/2021 4:00 AM	0.144	1.495	0.09
4/29/2021 4:06 AM	0.144	1.51	0.082
4/29/2021 4:12 AM	0.159	1.54	0.063
4/29/2021 4:18 AM	0.17	1.541	0.063
4/29/2021 4:24 AM	0.169	1.531	0.067
4/29/2021 4:30 AM	0.164	1.539	0.059
4/29/2021 4:36 AM	0.167	1.545	0.059
4/29/2021 4:42 AM	0.196	1.54	0.062
4/29/2021 4:48 AM	0.209	1.571	0.066
4/29/2021 4:54 AM	0.19	1.594	0.074
4/29/2021 5:00 AM	0.178	1.613	0.066
4/29/2021 5:06 AM	0.188	1.637	0.067
4/29/2021 5:12 AM	0.196	1.635	0.073
4/29/2021 5:18 AM	0.198	1.621	0.069
4/29/2021 5:24 AM	0.21	1.657	0.058
4/29/2021 5:30 AM	0.216	1.7	0.058
4/29/2021 5:36 AM	0.221	1.728	0.063
4/29/2021 5:42 AM	0.217	1.755	0.077
4/29/2021 5:48 AM	0.227	1.803	0.064
4/29/2021 5:54 AM	0.227	1.839	0.07
4/29/2021 6:00 AM	0.243	1.841	0.084
4/29/2021 6:06 AM	0.237	1.877	0.081
4/29/2021 6:12 AM	0.223	1.867	0.073
4/29/2021 6:18 AM	0.214	1.825	0.067
4/29/2021 6:24 AM	0.22	1.837	0.066
4/29/2021 6:30 AM	0.237	1.875	0.235
4/29/2021 6:36 AM	0.244	1.903	0.247
4/29/2021 6:42 AM	0.245	1.932	0.086
4/29/2021 6:48 AM	0.254	1.956	0.1
4/29/2021 6:54 AM	0.273	1.952	0.108
4/29/2021 7:00 AM	0.276	1.971	0.096
4/29/2021 7:06 AM	0.278	2.024	0.078
4/29/2021 7:12 AM	0.294	2.124	0.065
4/29/2021 7:18 AM	0.281	2.196	0.053
4/29/2021 7:24 AM	0.248	2.228	0.05
4/29/2021 7:30 AM	0.234	2.221	0.057
4/29/2021 7:36 AM	0.253	2.192	0.051
4/29/2021 7:42 AM	0.272	2.173	0.057
4/29/2021 7:48 AM	0.294	2.216	0.059
4/29/2021 7:54 AM	0.307	2.277	0.051
4/29/2021 8:00 AM	0.289	2.325	0.08
4/29/2021 8:06 AM	0.278	2.357	0.095
4/29/2021 8:12 AM	0.3	2.412	0.125
4/29/2021 8:18 AM	0.301	2.444	1.837
4/29/2021 8:24 AM	0.311	2.464	3.858
4/29/2021 8:30 AM	0.321	2.442	2.912
4/29/2021 8:36 AM	0.349	2.4	1.968
4/29/2021 8:42 AM	0.353	2.384	1.748
4/29/2021 8:48 AM	0.344	2.383	1.664
4/29/2021 8:54 AM	0.328	2.383	1.637
4/29/2021 9:00 AM	0.327	2.396	1.63
4/29/2021 9:06 AM	0.347	2.382	1.672
4/29/2021 9:12 AM	0.329	2.368	1.723
4/29/2021 9:18 AM	0.339	2.389	1.732

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/29/2021 9:24 AM	0.356	2.419	1.677
4/29/2021 9:30 AM	0.334	2.454	1.639
4/29/2021 9:36 AM	0.301	2.525	1.635
4/29/2021 9:42 AM	0.305	2.623	1.694
4/29/2021 9:48 AM	0.325	2.666	1.791
4/29/2021 9:54 AM	0.324	2.67	2.466
4/29/2021 10:00 AM	0.336	2.673	3.061
4/29/2021 10:06 AM	0.353	2.727	2.904
4/29/2021 10:12 AM	0.349	2.8	2.849
4/29/2021 10:18 AM	0.34	2.841	2.861
4/29/2021 10:24 AM	0.336	2.888	2.848
4/29/2021 10:30 AM	0.341	2.949	2.811
4/29/2021 10:36 AM	0.343	2.963	2.764
4/29/2021 10:42 AM	0.345	2.962	2.723
4/29/2021 10:48 AM	0.354	2.942	2.733
4/29/2021 10:54 AM	0.381	2.948	2.747
4/29/2021 11:00 AM	0.396	3.055	2.726
4/29/2021 11:06 AM	0.372	3.127	2.705
4/29/2021 11:12 AM	0.358	3.109	2.596
4/29/2021 11:18 AM	0.369	3.097	2.424
4/29/2021 11:24 AM	0.381	3.075	2.407
4/29/2021 11:30 AM	0.361	3.021	2.416
4/29/2021 11:36 AM	0.332	2.936	2.391
4/29/2021 11:42 AM	0.329	2.88	2.359
4/29/2021 11:48 AM	0.339	2.86	2.348
4/29/2021 11:54 AM	0.348	2.878	2.291
4/29/2021 12:00 PM	0.379	2.888	2.251
4/29/2021 12:06 PM	0.447	4.01	2.194
4/29/2021 12:12 PM	4.419	15.806	2.185
4/29/2021 12:18 PM	9.415	14.603	2.173
4/29/2021 12:24 PM	7.513	9.724	2.17
4/29/2021 12:30 PM	3.738	6.579	2.171
4/29/2021 12:36 PM	1.757	4.599	2.165
4/29/2021 12:42 PM	1.211	3.825	2.136
4/29/2021 12:48 PM	0.921	3.563	2.148
4/29/2021 12:54 PM	0.732	3.391	2.151
4/29/2021 1:00 PM	0.672	3.359	2.132
4/29/2021 1:06 PM	0.641	3.343	2.111
4/29/2021 1:12 PM	0.619	3.326	2.079
4/29/2021 1:18 PM	0.602	3.301	2.089
4/29/2021 1:24 PM	0.596	3.257	2.111
4/29/2021 1:30 PM	0.61	3.236	2.093
4/29/2021 1:36 PM	0.611	3.231	2.073
4/29/2021 1:42 PM	0.616	3.166	2.033
4/29/2021 1:48 PM	0.631	3.084	2.019
4/29/2021 1:54 PM	0.657	3.032	2.028
4/29/2021 2:00 PM	0.672	3.015	2.067
4/29/2021 2:06 PM	0.658	3.141	2.076
4/29/2021 2:12 PM	0.649	3.285	2.079
4/29/2021 2:18 PM	0.656	3.342	2.095
4/29/2021 2:24 PM	0.656	3.39	2.087
4/29/2021 2:30 PM	0.668	3.363	2.088
4/29/2021 2:36 PM	0.67	3.243	2.123
4/29/2021 2:42 PM	0.661	3.155	2.111

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/29/2021 2:48 PM	0.663	3.084	2.07
4/29/2021 2:54 PM	0.663	3.024	2.045
4/29/2021 3:00 PM	0.662	2.993	2.045
4/29/2021 3:06 PM	0.67	3.007	2.048
4/29/2021 3:12 PM	0.656	3.056	2.051
4/29/2021 3:18 PM	0.647	3.058	2.041
4/29/2021 3:24 PM	0.665	3.011	2.068
4/29/2021 3:30 PM	0.67	2.979	2.081
4/29/2021 3:36 PM	0.665	2.926	2.091
4/29/2021 3:42 PM	0.639	2.828	2.108
4/29/2021 3:48 PM	0.634	2.732	2.129
4/29/2021 3:54 PM	0.624	2.684	2.123
4/29/2021 4:00 PM	0.626	2.685	2.114
4/29/2021 4:06 PM	0.631	2.697	2.103
4/29/2021 4:12 PM	0.635	2.676	2.117
4/29/2021 4:18 PM	0.611	2.64	2.121
4/29/2021 4:24 PM	0.606	2.687	2.106
4/29/2021 4:30 PM	0.603	2.763	2.101
4/29/2021 4:36 PM	0.606	2.796	2.131
4/29/2021 4:42 PM	0.59	2.755	2.148
4/29/2021 4:48 PM	0.573	2.709	2.133
4/29/2021 4:54 PM	0.587	2.715	2.135
4/29/2021 5:00 PM	0.573	2.714	2.143
4/29/2021 5:06 PM	0.549	2.681	2.155
4/29/2021 5:12 PM	0.57	2.634	2.132
4/29/2021 5:18 PM	0.576	2.609	2.114
4/29/2021 5:24 PM	0.576	2.632	2.1
4/29/2021 5:30 PM	0.583	2.642	2.081
4/29/2021 5:36 PM	0.579	2.643	2.053
4/29/2021 5:42 PM	0.584	2.645	2.071
4/29/2021 5:48 PM	0.595	2.648	2.102
4/29/2021 5:54 PM	0.593	2.648	2.099
4/29/2021 6:00 PM	0.588	2.653	2.082
4/29/2021 6:06 PM	0.608	2.682	2.074
4/29/2021 6:12 PM	0.628	2.717	2.109
4/29/2021 6:18 PM	0.624	2.728	2.094
4/29/2021 6:24 PM	0.634	2.752	2.076
4/29/2021 6:30 PM	0.65	2.819	2.092
4/29/2021 6:36 PM	0.648	2.847	2.11
4/29/2021 6:42 PM	0.625	2.826	2.083
4/29/2021 6:48 PM	0.613	2.799	2.083
4/29/2021 6:54 PM	0.593	2.757	2.095
4/29/2021 7:00 PM	0.605	2.728	2.085
4/29/2021 7:06 PM	0.637	2.716	2.109
4/29/2021 7:12 PM	0.641	2.689	2.138
4/29/2021 7:18 PM	0.638	2.633	2.14
4/29/2021 7:24 PM	0.617	2.586	2.123
4/29/2021 7:30 PM	0.609	2.607	2.112
4/29/2021 7:36 PM	0.61	2.648	2.142
4/29/2021 7:42 PM	0.631	2.714	2.14
4/29/2021 7:48 PM	0.662	2.826	2.118
4/29/2021 7:54 PM	0.633	2.874	2.108
4/29/2021 8:00 PM	0.622	2.872	2.12
4/29/2021 8:06 PM	0.606	2.845	2.103

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/29/2021 8:12 PM	0.581	2.811	2.109
4/29/2021 8:18 PM	0.567	2.811	2.121
4/29/2021 8:24 PM	0.541	2.821	2.17
4/29/2021 8:30 PM	0.511	2.821	2.16
4/29/2021 8:36 PM	0.486	2.806	2.129
4/29/2021 8:42 PM	0.463	2.736	2.139
4/29/2021 8:48 PM	0.425	2.7	2.152
4/29/2021 8:54 PM	0.402	2.725	2.142
4/29/2021 9:00 PM	0.389	2.731	2.129
4/29/2021 9:06 PM	0.385	2.754	2.175
4/29/2021 9:12 PM	0.404	2.796	2.187
4/29/2021 9:18 PM	0.389	2.797	2.156
4/29/2021 9:24 PM	0.364	2.817	2.168
4/29/2021 9:30 PM	0.367	2.843	2.188
4/29/2021 9:36 PM	0.371	2.862	2.172
4/29/2021 9:42 PM	0.373	2.91	2.167
4/29/2021 9:48 PM	0.373	2.938	2.149
4/29/2021 9:54 PM	0.356	2.952	2.157
4/29/2021 10:00 PM	0.36	2.951	2.138
4/29/2021 10:06 PM	0.364	2.947	2.107
4/29/2021 10:12 PM	0.368	2.945	2.122
4/29/2021 10:18 PM	0.377	2.943	2.115
4/29/2021 10:24 PM	0.378	2.938	2.092
4/29/2021 10:30 PM	0.381	2.944	2.1
4/29/2021 10:36 PM	0.369	2.957	2.085
4/29/2021 10:42 PM	0.367	2.961	2.09
4/29/2021 10:48 PM	0.38	2.985	2.116
4/29/2021 10:54 PM	0.379	3.023	2.096
4/29/2021 11:00 PM	0.381	3.035	2.102
4/29/2021 11:06 PM	0.393	3.04	2.075
4/29/2021 11:12 PM	0.39	3.036	2.088
4/29/2021 11:18 PM	0.394	3.023	2.08
4/29/2021 11:24 PM	0.386	2.993	2.065
4/29/2021 11:30 PM	0.388	2.999	2.085
4/29/2021 11:36 PM	0.4	3.016	2.116
4/29/2021 11:42 PM	0.398	3.019	2.142
4/29/2021 11:48 PM	0.394	3.022	2.122
4/29/2021 11:54 PM	0.391	3.047	2.138
4/30/2021 12:00 AM	0.405	3.049	2.134
4/30/2021 12:06 AM	0.434	3.027	2.154
4/30/2021 12:12 AM	0.438	3.01	2.171
4/30/2021 12:18 AM	0.437	3.017	2.154
4/30/2021 12:24 AM	0.448	3.013	2.132
4/30/2021 12:30 AM	0.439	3.023	2.145
4/30/2021 12:36 AM	0.437	3.04	2.131
4/30/2021 12:42 AM	0.448	3.05	2.164
4/30/2021 12:48 AM	0.471	3.044	2.323
4/30/2021 12:54 AM	0.482	3.009	2.387
4/30/2021 1:00 AM	0.49	2.98	2.38
4/30/2021 1:06 AM	0.488	2.952	2.384
4/30/2021 1:12 AM	0.483	2.883	2.387
4/30/2021 1:18 AM	0.485	2.798	2.369
4/30/2021 1:24 AM	0.492	2.747	2.377
4/30/2021 1:30 AM	0.492	2.702	2.383

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/30/2021 1:36 AM	0.477	2.644	2.38
4/30/2021 1:42 AM	0.475	2.572	2.374
4/30/2021 1:48 AM	0.478	2.515	2.356
4/30/2021 1:54 AM	0.473	2.479	2.348
4/30/2021 2:00 AM	0.461	2.454	2.365
4/30/2021 2:06 AM	0.44	2.482	2.402
4/30/2021 2:12 AM	0.429	2.497	2.403
4/30/2021 2:18 AM	0.427	2.493	2.371
4/30/2021 2:24 AM	0.399	2.601	2.371
4/30/2021 2:30 AM	0.385	2.597	2.357
4/30/2021 2:36 AM	0.396	2.572	2.345
4/30/2021 2:42 AM	0.396	2.573	2.342
4/30/2021 2:48 AM	0.376	2.572	2.346
4/30/2021 2:54 AM	0.367	2.619	2.358
4/30/2021 3:00 AM	0.359	2.644	2.35
4/30/2021 3:06 AM	0.34	2.716	2.35
4/30/2021 3:12 AM	0.323	2.713	2.369
4/30/2021 3:18 AM	0.314	2.669	2.363
4/30/2021 3:24 AM	0.299	2.65	2.346
4/30/2021 3:30 AM	0.29	2.618	2.343
4/30/2021 3:36 AM	0.264	2.544	2.353
4/30/2021 3:42 AM	0.245	2.56	2.381
4/30/2021 3:48 AM	0.239	2.548	2.392
4/30/2021 3:54 AM	0.229	2.514	2.389
4/30/2021 4:00 AM	0.213	2.458	2.356
4/30/2021 4:06 AM	0.192	2.434	2.353
4/30/2021 4:12 AM	0.183	2.443	2.368
4/30/2021 4:18 AM	0.178	2.466	2.367
4/30/2021 4:24 AM	0.174	2.471	2.35
4/30/2021 4:30 AM	0.18	2.485	2.359
4/30/2021 4:36 AM	0.185	2.525	2.376
4/30/2021 4:42 AM	0.185	2.57	2.378
4/30/2021 4:48 AM	0.175	2.56	2.389
4/30/2021 4:54 AM	0.157	2.509	2.388
4/30/2021 5:00 AM	0.155	2.583	2.36
4/30/2021 5:06 AM	0.147	2.631	2.348
4/30/2021 5:12 AM	0.157	2.635	2.35
4/30/2021 5:18 AM	0.167	2.629	2.344
4/30/2021 5:24 AM	0.167	2.665	2.378
4/30/2021 5:30 AM	0.164	2.717	2.355
4/30/2021 5:36 AM	0.161	2.706	2.326
4/30/2021 5:42 AM	0.143	2.666	2.347
4/30/2021 5:48 AM	0.126	2.652	2.339
4/30/2021 5:54 AM	0.131	2.724	2.335
4/30/2021 6:00 AM	0.139	3.002	2.336
4/30/2021 6:06 AM	0.14	3.018	2.361
4/30/2021 6:12 AM	0.138	2.729	2.371
4/30/2021 6:18 AM	0.137	2.633	2.351
4/30/2021 6:24 AM	0.137	2.62	2.369
4/30/2021 6:30 AM	0.147	2.595	2.367
4/30/2021 6:36 AM	0.141	2.618	2.357
4/30/2021 6:42 AM	0.125	11.319	2.149
4/30/2021 6:48 AM	0.112	19.244	1.836
4/30/2021 6:54 AM	0.113	10.285	1.778

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/30/2021 7:00 AM	0.113	6.573	1.882
4/30/2021 7:06 AM	0.136	5.599	1.977
4/30/2021 7:12 AM	0.164	4.626	1.858
4/30/2021 7:18 AM	0.199	3.9	1.713
4/30/2021 7:24 AM	0.208	3.689	1.666
4/30/2021 7:30 AM	0.192	3.368	1.691
4/30/2021 7:36 AM	0.198	2.808	1.715
4/30/2021 7:42 AM	0.214	2.29	1.699
4/30/2021 7:48 AM	0.244	1.967	1.717
4/30/2021 7:54 AM	0.252	1.865	1.723
4/30/2021 8:00 AM	0.251	1.888	1.723
4/30/2021 8:06 AM	0.245	1.884	1.733
4/30/2021 8:12 AM	0.234	1.681	1.738
4/30/2021 8:18 AM	0.213	1.556	1.722
4/30/2021 8:24 AM	0.161	1.476	1.72
4/30/2021 8:30 AM	0.103	1.422	1.72
4/30/2021 8:36 AM	0.054	1.438	1.739
4/30/2021 8:42 AM	0.01	1.457	1.746
4/30/2021 8:48 AM	-0.033	1.418	1.737
4/30/2021 8:54 AM	-0.074	1.375	1.735
4/30/2021 9:00 AM	-0.111	1.413	1.735
4/30/2021 9:06 AM	-0.13	1.393	1.732
4/30/2021 9:12 AM	-0.121	1.417	1.733
4/30/2021 9:18 AM	-0.13	1.414	1.747
4/30/2021 9:24 AM	-0.135	1.256	1.753
4/30/2021 9:30 AM	-0.128	0.65	1.626
4/30/2021 9:36 AM	-0.114	0.57	0.715
4/30/2021 9:42 AM	-0.109	0.651	0.034
4/30/2021 9:48 AM	-0.103	0.545	0.034
4/30/2021 9:54 AM	-0.091	0.455	0.026
4/30/2021 10:00 AM	-0.053	0.464	0.046
4/30/2021 10:06 AM	-0.022	0.473	0.038
4/30/2021 10:12 AM	0.023	0.45	0.026
4/30/2021 10:18 AM	0.062	0.425	0.018
4/30/2021 10:24 AM	0.09	0.413	0.022
4/30/2021 10:30 AM	0.112	0.425	0.027
4/30/2021 10:36 AM	0.135	0.428	0.019
4/30/2021 10:42 AM	0.145	0.433	0.02
4/30/2021 10:48 AM	0.145	0.423	0.029
4/30/2021 10:54 AM	0.142	0.438	0.016
4/30/2021 11:00 AM	0.148	0.439	0.023
4/30/2021 11:06 AM	0.151	0.423	0.04
4/30/2021 11:12 AM	0.143	0.451	0.024
4/30/2021 11:18 AM	0.14	0.458	0.014
4/30/2021 11:24 AM	0.162	0.439	0.008
4/30/2021 11:30 AM	0.168	0.432	0.074
4/30/2021 11:36 AM	0.159	0.46	0.741
4/30/2021 11:42 AM	0.151	0.485	0.354
4/30/2021 11:48 AM	0.132	0.495	0.034
4/30/2021 11:54 AM	0.129	0.472	0.029
4/30/2021 12:00 PM	0.188	0.475	0.03
4/30/2021 12:06 PM	0.399	0.537	0.079
4/30/2021 12:12 PM	0.398	0.515	0.075
4/30/2021 12:18 PM	0.401	0.529	0.073

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/30/2021 12:24 PM	0.389	0.521	0.059
4/30/2021 12:30 PM	0.363	0.505	0.053
4/30/2021 12:36 PM	0.363	0.527	0.334
4/30/2021 12:42 PM	0.374	0.553	5.138
4/30/2021 12:48 PM	0.398	0.558	5.602
4/30/2021 12:54 PM	0.418	0.549	2.036
4/30/2021 1:00 PM	0.447	0.529	1.55
4/30/2021 1:06 PM	0.43	0.512	1.473
4/30/2021 1:12 PM	0.407	0.525	1.5
4/30/2021 1:18 PM	0.439	0.515	1.502
4/30/2021 1:24 PM	0.463	0.51	1.482
4/30/2021 1:30 PM	0.458	0.479	1.52
4/30/2021 1:36 PM	0.428	0.495	1.596
4/30/2021 1:42 PM	0.399	0.545	1.676
4/30/2021 1:48 PM	0.374	0.561	1.74
4/30/2021 1:54 PM	0.344	0.554	1.8
4/30/2021 2:00 PM	0.306	0.558	1.834
4/30/2021 2:06 PM	0.247	0.552	1.844
4/30/2021 2:12 PM	0.189	0.576	1.853
4/30/2021 2:18 PM	0.165	0.601	1.871
4/30/2021 2:24 PM	0.179	0.634	1.861
4/30/2021 2:30 PM	0.226	0.639	1.843
4/30/2021 2:36 PM	0.278	0.608	1.812
4/30/2021 2:42 PM	0.32	0.59	1.827
4/30/2021 2:48 PM	0.363	0.601	1.855
4/30/2021 2:54 PM	0.381	0.632	1.844
4/30/2021 3:00 PM	0.375	0.605	1.838
4/30/2021 3:06 PM	0.41	0.578	1.843
4/30/2021 3:12 PM	0.412	0.62	1.789
4/30/2021 3:18 PM	0.375	0.69	1.797
4/30/2021 3:24 PM	0.37	0.696	1.812
4/30/2021 3:30 PM	0.392	0.689	1.809
4/30/2021 3:36 PM	0.43	0.673	1.816
4/30/2021 3:42 PM	0.45	0.656	1.796
4/30/2021 3:48 PM	0.468	0.629	1.763
4/30/2021 3:54 PM	0.492	0.611	1.792
4/30/2021 4:00 PM	0.506	0.647	1.78
4/30/2021 4:06 PM	0.498	0.667	1.718
4/30/2021 4:12 PM	0.482	0.637	1.687
4/30/2021 4:18 PM	0.476	0.639	1.689
4/30/2021 4:24 PM	0.469	0.607	1.718
4/30/2021 4:30 PM	0.478	0.594	1.738
4/30/2021 4:36 PM	0.49	0.586	1.724
4/30/2021 4:42 PM	0.504	0.578	1.72
4/30/2021 4:48 PM	0.522	0.587	1.728
4/30/2021 4:54 PM	0.53	0.586	1.702
4/30/2021 5:00 PM	0.525	0.573	1.711
4/30/2021 5:06 PM	0.505	0.58	1.732
4/30/2021 5:12 PM	0.472	0.623	1.683
4/30/2021 5:18 PM	0.424	0.632	1.696
4/30/2021 5:24 PM	0.394	0.619	1.694
4/30/2021 5:30 PM	0.385	0.623	1.728
4/30/2021 5:36 PM	0.406	0.621	1.735
4/30/2021 5:42 PM	0.423	0.623	1.727

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/30/2021 5:48 PM	0.438	0.645	1.716
4/30/2021 5:54 PM	0.447	0.645	1.693
4/30/2021 6:00 PM	0.439	0.64	1.661
4/30/2021 6:06 PM	0.434	0.604	1.66
4/30/2021 6:12 PM	0.43	0.573	1.657
4/30/2021 6:18 PM	0.408	0.592	1.571
4/30/2021 6:24 PM	0.365	0.579	1.488
4/30/2021 6:30 PM	0.353	0.564	1.491
4/30/2021 6:36 PM	0.348	0.596	1.455
4/30/2021 6:42 PM	0.328	0.631	1.455
4/30/2021 6:48 PM	0.31	0.632	1.489
4/30/2021 6:54 PM	0.307	0.646	1.54
4/30/2021 7:00 PM	0.293	0.62	1.55
4/30/2021 7:06 PM	0.259	0.565	1.545
4/30/2021 7:12 PM	0.248	0.568	1.565
4/30/2021 7:18 PM	0.248	0.608	1.556
4/30/2021 7:24 PM	0.234	0.612	1.543
4/30/2021 7:30 PM	0.215	0.578	1.574
4/30/2021 7:36 PM	0.2	0.588	1.588
4/30/2021 7:42 PM	0.185	0.595	1.605
4/30/2021 7:48 PM	0.165	0.596	1.604
4/30/2021 7:54 PM	0.147	0.612	1.595
4/30/2021 8:00 PM	0.135	0.618	1.598
4/30/2021 8:06 PM	0.124	0.625	1.61
4/30/2021 8:12 PM	0.117	0.61	1.623
4/30/2021 8:18 PM	0.103	0.605	1.635
4/30/2021 8:24 PM	0.08	0.616	1.607
4/30/2021 8:30 PM	0.066	0.596	1.597
4/30/2021 8:36 PM	0.054	0.591	1.595
4/30/2021 8:42 PM	0.031	0.609	1.59
4/30/2021 8:48 PM	0.026	0.574	1.575
4/30/2021 8:54 PM	0.018	0.562	1.572
4/30/2021 9:00 PM	0.015	0.58	1.557
4/30/2021 9:06 PM	0.014	0.575	1.554
4/30/2021 9:12 PM	-0.001	0.565	1.56
4/30/2021 9:18 PM	-0.006	0.571	1.567
4/30/2021 9:24 PM	-0.005	0.618	1.555
4/30/2021 9:30 PM	-0.015	0.621	1.531
4/30/2021 9:36 PM	-0.005	0.627	1.53
4/30/2021 9:42 PM	-0.008	0.637	1.519
4/30/2021 9:48 PM	-0.033	0.594	1.516
4/30/2021 9:54 PM	-0.044	0.57	1.559
4/30/2021 10:00 PM	-0.053	0.611	1.565
4/30/2021 10:06 PM	-0.073	0.642	1.524
4/30/2021 10:12 PM	-0.088	0.658	1.496
4/30/2021 10:18 PM	-0.098	0.621	1.515
4/30/2021 10:24 PM	-0.105	0.623	1.544
4/30/2021 10:30 PM	-0.109	0.622	1.576
4/30/2021 10:36 PM	-0.114	0.626	1.612
4/30/2021 10:42 PM	-0.124	0.635	1.627
4/30/2021 10:48 PM	-0.118	0.652	1.628
4/30/2021 10:54 PM	-0.119	0.665	1.665
4/30/2021 11:00 PM	-0.117	0.658	1.655
4/30/2021 11:06 PM	-0.117	0.677	1.673

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
4/30/2021 11:12 PM	-0.125	0.691	1.726
4/30/2021 11:18 PM	-0.126	0.676	1.738
4/30/2021 11:24 PM	-0.126	0.674	1.739
4/30/2021 11:30 PM	-0.135	0.669	1.746
4/30/2021 11:36 PM	-0.148	0.652	1.768
4/30/2021 11:42 PM	-0.146	0.676	1.792
4/30/2021 11:48 PM	-0.156	0.687	1.807
4/30/2021 11:54 PM	-0.174	0.682	1.811
5/1/2021 12:00 AM	-0.186	0.674	1.776
5/1/2021 12:06 AM	-0.183	0.684	1.795
5/1/2021 12:12 AM	-0.182	0.678	1.828
5/1/2021 12:18 AM	-0.202	0.688	1.831
5/1/2021 12:24 AM	-0.214	0.703	1.796
5/1/2021 12:30 AM	-0.213	0.704	1.749
5/1/2021 12:36 AM	-0.21	0.716	1.615
5/1/2021 12:42 AM	-0.214	0.713	1.512
5/1/2021 12:48 AM	-0.216	0.714	1.509
5/1/2021 12:54 AM	-0.222	0.73	1.488
5/1/2021 1:00 AM	-0.229	0.714	1.477
5/1/2021 1:06 AM	-0.225	0.714	1.49
5/1/2021 1:12 AM	-0.233	0.775	1.502
5/1/2021 1:18 AM	-0.234	0.785	1.482
5/1/2021 1:24 AM	-0.243	0.784	1.474
5/1/2021 1:30 AM	-0.249	0.768	1.522
5/1/2021 1:36 AM	-0.254	0.751	1.845
5/1/2021 1:42 AM	-0.256	0.781	1.959
5/1/2021 1:48 AM	-0.259	0.8	1.859
5/1/2021 1:54 AM	-0.276	0.803	1.828
5/1/2021 2:00 AM	-0.276	0.789	1.819
5/1/2021 2:06 AM	-0.278	0.776	1.793
5/1/2021 2:12 AM	-0.28	0.779	1.793
5/1/2021 2:18 AM	-0.28	0.776	1.79
5/1/2021 2:24 AM	-0.283	0.782	1.8
5/1/2021 2:30 AM	-0.28	0.826	1.819
5/1/2021 2:36 AM	-0.274	0.824	1.78
5/1/2021 2:42 AM	-0.275	0.827	1.747
5/1/2021 2:48 AM	-0.286	0.823	1.755
5/1/2021 2:54 AM	-0.288	0.829	1.754
5/1/2021 3:00 AM	-0.291	0.817	1.742
5/1/2021 3:06 AM	-0.293	0.823	1.767
5/1/2021 3:12 AM	-0.292	0.83	1.75
5/1/2021 3:18 AM	-0.298	0.827	1.767
5/1/2021 3:24 AM	-0.287	0.845	1.805
5/1/2021 3:30 AM	-0.284	0.876	1.813
5/1/2021 3:36 AM	-0.294	0.881	1.82
5/1/2021 3:42 AM	-0.3	0.884	1.793
5/1/2021 3:48 AM	-0.294	0.888	1.757
5/1/2021 3:54 AM	-0.298	0.911	1.745
5/1/2021 4:00 AM	-0.305	0.921	1.731
5/1/2021 4:06 AM	-0.31	0.929	1.66
5/1/2021 4:12 AM	-0.307	0.915	1.528
5/1/2021 4:18 AM	-0.301	0.937	1.52
5/1/2021 4:24 AM	-0.301	0.954	1.518
5/1/2021 4:30 AM	-0.314	0.94	1.52

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/1/2021 4:36 AM	-0.319	0.922	1.517
5/1/2021 4:42 AM	-0.32	0.908	1.52
5/1/2021 4:48 AM	-0.323	0.927	1.534
5/1/2021 4:54 AM	-0.319	0.938	1.472
5/1/2021 5:00 AM	-0.315	0.912	1.387
5/1/2021 5:06 AM	-0.322	0.916	1.391
5/1/2021 5:12 AM	-0.323	0.927	1.456
5/1/2021 5:18 AM	-0.328	0.946	1.518
5/1/2021 5:24 AM	-0.327	0.962	1.522
5/1/2021 5:30 AM	-0.318	0.987	1.538
5/1/2021 5:36 AM	-0.308	0.992	1.558
5/1/2021 5:42 AM	-0.289	1.027	1.61
5/1/2021 5:48 AM	-0.286	1.043	1.634
5/1/2021 5:54 AM	-0.294	1.004	1.655
5/1/2021 6:00 AM	-0.295	0.992	1.69
5/1/2021 6:06 AM	-0.291	0.955	1.698
5/1/2021 6:12 AM	-0.284	0.87	1.69
5/1/2021 6:18 AM	-0.279	0.887	1.715
5/1/2021 6:24 AM	-0.261	0.899	1.696
5/1/2021 6:30 AM	-0.247	0.858	1.694
5/1/2021 6:36 AM	-0.241	0.827	1.713
5/1/2021 6:42 AM	-0.226	0.797	1.713
5/1/2021 6:48 AM	-0.218	0.764	1.719
5/1/2021 6:54 AM	-0.208	0.737	2.174
5/1/2021 7:00 AM	-0.189	0.729	3.236
5/1/2021 7:06 AM	-0.172	0.748	3.661
5/1/2021 7:12 AM	-0.154	0.742	3.64
5/1/2021 7:18 AM	-0.145	0.714	3.625
5/1/2021 7:24 AM	-0.131	0.7	3.585
5/1/2021 7:30 AM	-0.11	0.681	3.57
5/1/2021 7:36 AM	-0.105	0.673	3.591
5/1/2021 7:42 AM	-0.109	0.687	3.619
5/1/2021 7:48 AM	-0.11	0.716	3.603
5/1/2021 7:54 AM	-0.102	6.09	3.558
5/1/2021 8:00 AM	-0.105	12.124	3.199
5/1/2021 8:06 AM	-0.1	9.585	2.513
5/1/2021 8:12 AM	-0.095	6.113	2.093
5/1/2021 8:18 AM	-0.096	4.588	2.068
5/1/2021 8:24 AM	-0.128	4.272	2.076
5/1/2021 8:30 AM	-0.167	4.107	2.096
5/1/2021 8:36 AM	-0.205	4.007	2.061
5/1/2021 8:42 AM	-0.236	3.544	2.073
5/1/2021 8:48 AM	-0.267	2.858	2.072
5/1/2021 8:54 AM	-0.294	2.292	2.044
5/1/2021 9:00 AM	-0.315	2.004	2.032
5/1/2021 9:06 AM	-0.32	1.862	2.07
5/1/2021 9:12 AM	-0.309	1.689	2.062
5/1/2021 9:18 AM	-0.29	1.595	2.027
5/1/2021 9:24 AM	-0.279	1.533	2.05
5/1/2021 9:30 AM	-0.263	1.466	2.062
5/1/2021 9:36 AM	-0.254	1.33	2.053
5/1/2021 9:42 AM	-0.251	1.208	2.044
5/1/2021 9:48 AM	-0.241	1.114	2.037
5/1/2021 9:54 AM	-0.237	1.077	2.047

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/1/2021 10:00 AM	-0.214	1.045	2.041
5/1/2021 10:06 AM	-0.18	0.99	2.044
5/1/2021 10:12 AM	-0.14	0.957	2.062
5/1/2021 10:18 AM	-0.105	0.965	2.07
5/1/2021 10:24 AM	-0.081	0.985	2.061
5/1/2021 10:30 AM	-0.062	0.948	2.075
5/1/2021 10:36 AM	-0.05	0.93	2.101
5/1/2021 10:42 AM	-0.041	0.922	2.097
5/1/2021 10:48 AM	-0.035	0.944	2.09
5/1/2021 10:54 AM	-0.027	0.951	2.1
5/1/2021 11:00 AM	-0.009	0.922	2.091
5/1/2021 11:06 AM	0.012	0.885	2.091
5/1/2021 11:12 AM	0.027	0.883	2.088
5/1/2021 11:18 AM	0.02	1.027	2.116
5/1/2021 11:24 AM	-0.013	1.063	2.134
5/1/2021 11:30 AM	-0.05	1.07	2.148
5/1/2021 11:36 AM	-0.074	1.153	2.099
5/1/2021 11:42 AM	-0.083	1.131	2.077
5/1/2021 11:48 AM	-0.086	1.116	2.099
5/1/2021 11:54 AM	-0.088	1.077	2.111
5/1/2021 12:00 PM	-0.071	1.018	2.135
5/1/2021 12:06 PM	-0.014	1.014	2.149
5/1/2021 12:12 PM	-0.004	1.021	2.168
5/1/2021 12:18 PM	0.009	1.203	2.394
5/1/2021 12:24 PM	0.028	1.314	2.603
5/1/2021 12:30 PM	0.058	1.233	2.577
5/1/2021 12:36 PM	0.098	1.219	2.588
5/1/2021 12:42 PM	0.134	1.21	2.579
5/1/2021 12:48 PM	0.162	1.189	2.549
5/1/2021 12:54 PM	0.192	1.173	2.515
5/1/2021 1:00 PM	0.217	1.224	2.515
5/1/2021 1:06 PM	0.232	1.188	2.483
5/1/2021 1:12 PM	0.25	1.054	2.455
5/1/2021 1:18 PM	0.276	1.055	2.441
5/1/2021 1:24 PM	0.302	1.088	2.436
5/1/2021 1:30 PM	0.323	1.096	2.418
5/1/2021 1:36 PM	0.319	1.167	2.451
5/1/2021 1:42 PM	0.316	1.19	2.463
5/1/2021 1:48 PM	0.315	1.147	2.432
5/1/2021 1:54 PM	0.299	1.125	2.414
5/1/2021 2:00 PM	0.252	1.077	2.436
5/1/2021 2:06 PM	0.199	1.022	2.45
5/1/2021 2:12 PM	0.175	0.991	2.465
5/1/2021 2:18 PM	0.161	0.982	2.489
5/1/2021 2:24 PM	0.152	0.998	2.475
5/1/2021 2:30 PM	0.153	1.028	2.481
5/1/2021 2:36 PM	0.165	1.072	2.51
5/1/2021 2:42 PM	0.185	1.122	2.511
5/1/2021 2:48 PM	0.209	1.117	2.401
5/1/2021 2:54 PM	0.234	1.121	2.148
5/1/2021 3:00 PM	0.249	1.17	2.05
5/1/2021 3:06 PM	0.259	1.169	2.075
5/1/2021 3:12 PM	0.268	1.141	2.068
5/1/2021 3:18 PM	0.277	1.088	2.072

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/1/2021 3:24 PM	0.297	1.006	2.108
5/1/2021 3:30 PM	0.328	0.922	2.114
5/1/2021 3:36 PM	0.362	0.847	2.116
5/1/2021 3:42 PM	0.383	0.812	2.117
5/1/2021 3:48 PM	0.384	0.788	2.132
5/1/2021 3:54 PM	0.373	0.767	2.153
5/1/2021 4:00 PM	0.363	0.786	2.17
5/1/2021 4:06 PM	0.357	0.809	2.171
5/1/2021 4:12 PM	0.349	0.788	2.167
5/1/2021 4:18 PM	0.34	0.791	2.16
5/1/2021 4:24 PM	0.339	0.81	2.136
5/1/2021 4:30 PM	0.336	0.785	2.115
5/1/2021 4:36 PM	0.337	0.746	2.116
5/1/2021 4:42 PM	0.334	0.765	2.115
5/1/2021 4:48 PM	0.331	0.742	2.119
5/1/2021 4:54 PM	0.336	0.728	2.144
5/1/2021 5:00 PM	0.338	0.808	2.146
5/1/2021 5:06 PM	0.344	0.776	2.152
5/1/2021 5:12 PM	0.352	0.764	2.146
5/1/2021 5:18 PM	0.36	0.798	2.144
5/1/2021 5:24 PM	0.374	0.818	2.172
5/1/2021 5:30 PM	0.392	0.873	2.19
5/1/2021 5:36 PM	0.414	0.946	2.185
5/1/2021 5:42 PM	0.436	0.973	2.182
5/1/2021 5:48 PM	0.452	0.95	2.172
5/1/2021 5:54 PM	0.459	0.986	2.166
5/1/2021 6:00 PM	0.467	1.006	2.199
5/1/2021 6:06 PM	0.486	1.103	2.221
5/1/2021 6:12 PM	0.513	1.17	2.234
5/1/2021 6:18 PM	0.539	1.183	2.213
5/1/2021 6:24 PM	0.563	1.216	2.167
5/1/2021 6:30 PM	0.595	1.201	2.185
5/1/2021 6:36 PM	0.62	1.159	2.192
5/1/2021 6:42 PM	0.641	1.109	2.171
5/1/2021 6:48 PM	0.659	1.088	2.183
5/1/2021 6:54 PM	0.672	1.066	2.209
5/1/2021 7:00 PM	0.679	1.044	2.199
5/1/2021 7:06 PM	0.684	1.057	2.205
5/1/2021 7:12 PM	0.684	1.091	2.203
5/1/2021 7:18 PM	0.688	1.106	2.193
5/1/2021 7:24 PM	0.692	1.082	2.19
5/1/2021 7:30 PM	0.698	1.053	2.199
5/1/2021 7:36 PM	0.701	1.025	2.192
5/1/2021 7:42 PM	0.69	0.999	2.163
5/1/2021 7:48 PM	0.679	1.006	2.154
5/1/2021 7:54 PM	0.673	1.058	2.154
5/1/2021 8:00 PM	0.673	1.028	2.158
5/1/2021 8:06 PM	0.667	0.987	2.155
5/1/2021 8:12 PM	0.656	0.993	2.145
5/1/2021 8:18 PM	0.635	1.053	2.145
5/1/2021 8:24 PM	0.621	1.065	2.137
5/1/2021 8:30 PM	0.614	1.026	2.133
5/1/2021 8:36 PM	0.606	1.022	2.141
5/1/2021 8:42 PM	0.589	1.004	2.138

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/1/2021 8:48 PM	0.575	0.989	2.155
5/1/2021 8:54 PM	0.567	1.011	2.133
5/1/2021 9:00 PM	0.562	0.901	2.119
5/1/2021 9:06 PM	0.556	0.77	2.131
5/1/2021 9:12 PM	0.551	0.717	2.139
5/1/2021 9:18 PM	0.549	0.674	2.154
5/1/2021 9:24 PM	0.544	0.68	2.1
5/1/2021 9:30 PM	0.54	0.696	2.102
5/1/2021 9:36 PM	0.539	0.708	2.109
5/1/2021 9:42 PM	0.533	0.686	2.105
5/1/2021 9:48 PM	0.528	0.713	2.11
5/1/2021 9:54 PM	0.521	0.753	2.133
5/1/2021 10:00 PM	0.507	0.753	2.127
5/1/2021 10:06 PM	0.497	0.808	2.111
5/1/2021 10:12 PM	0.49	0.853	2.104
5/1/2021 10:18 PM	0.48	0.904	2.106
5/1/2021 10:24 PM	0.477	0.957	2.101
5/1/2021 10:30 PM	0.477	0.952	2.096
5/1/2021 10:36 PM	0.469	0.917	2.074
5/1/2021 10:42 PM	0.466	0.894	2.065
5/1/2021 10:48 PM	0.459	0.874	2.085
5/1/2021 10:54 PM	0.447	0.856	2.092
5/1/2021 11:00 PM	0.437	0.841	2.077
5/1/2021 11:06 PM	0.426	0.839	2.067
5/1/2021 11:12 PM	0.416	0.857	2.092
5/1/2021 11:18 PM	0.409	0.861	2.085
5/1/2021 11:24 PM	0.405	0.889	2.186
5/1/2021 11:30 PM	0.396	1.026	2.562
5/1/2021 11:36 PM	0.383	0.751	2.59
5/1/2021 11:42 PM	0.372	0.204	2.431
5/1/2021 11:48 PM	0.369	0.218	2.453
5/1/2021 11:54 PM	0.373	0.174	2.492
5/2/2021 12:00 AM	0.371	0.154	2.492
5/2/2021 12:06 AM	0.36	0.115	2.509
5/2/2021 12:12 AM	0.357	0.148	2.553
5/2/2021 12:18 AM	0.361	0.166	2.561
5/2/2021 12:24 AM	0.354	0.181	2.574
5/2/2021 12:30 AM	0.348	0.154	2.596
5/2/2021 12:36 AM	0.345	0.104	2.598
5/2/2021 12:42 AM	0.342	0.129	2.61
5/2/2021 12:48 AM	0.339	0.094	2.6
5/2/2021 12:54 AM	0.336	0.08	2.603
5/2/2021 1:00 AM	0.333	0.085	2.561
5/2/2021 1:06 AM	0.335	0.042	2.547
5/2/2021 1:12 AM	0.338	0.006	2.548
5/2/2021 1:18 AM	0.344	0.038	2.474
5/2/2021 1:24 AM	0.35	0.066	2.431
5/2/2021 1:30 AM	0.353	0.014	2.441
5/2/2021 1:36 AM	0.357	0.021	2.438
5/2/2021 1:42 AM	0.363	-0.007	2.42
5/2/2021 1:48 AM	0.368	0.003	2.432
5/2/2021 1:54 AM	0.371	0.017	2.44
5/2/2021 2:00 AM	0.374	0.008	2.453
5/2/2021 2:06 AM	0.379	0.086	2.442

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/2/2021 2:12 AM	0.387	0.153	2.454
5/2/2021 2:18 AM	0.39	0.093	2.463
5/2/2021 2:24 AM	0.389	0.009	2.435
5/2/2021 2:30 AM	0.385	-0.018	2.438
5/2/2021 2:36 AM	0.383	-0.016	2.432
5/2/2021 2:42 AM	0.386	0.02	2.426
5/2/2021 2:48 AM	0.395	0.029	2.442
5/2/2021 2:54 AM	0.395	0.087	2.454
5/2/2021 3:00 AM	0.387	0.14	2.441
5/2/2021 3:06 AM	0.384	0.113	2.442
5/2/2021 3:12 AM	0.383	0.076	2.445
5/2/2021 3:18 AM	0.382	0.055	2.439
5/2/2021 3:24 AM	0.376	0.063	2.463
5/2/2021 3:30 AM	0.375	0.032	2.489
5/2/2021 3:36 AM	0.373	0.001	2.47
5/2/2021 3:42 AM	0.37	0.033	2.474
5/2/2021 3:48 AM	0.367	0.044	2.471
5/2/2021 3:54 AM	0.368	0.036	2.466
5/2/2021 4:00 AM	0.367	0.062	2.474
5/2/2021 4:06 AM	0.365	0.023	2.471
5/2/2021 4:12 AM	0.373	0.019	2.463
5/2/2021 4:18 AM	0.375	0.049	2.479
5/2/2021 4:24 AM	0.375	0.075	2.47
5/2/2021 4:30 AM	0.378	0.086	2.459
5/2/2021 4:36 AM	0.38	0.062	2.441
5/2/2021 4:42 AM	0.381	0.062	2.439
5/2/2021 4:48 AM	0.374	0.048	2.423
5/2/2021 4:54 AM	0.373	0.033	2.423
5/2/2021 5:00 AM	0.372	0.046	2.438
5/2/2021 5:06 AM	0.369	0.037	2.456
5/2/2021 5:12 AM	0.366	0.019	2.448
5/2/2021 5:18 AM	0.369	0.047	2.42
5/2/2021 5:24 AM	0.377	0.067	2.424
5/2/2021 5:30 AM	0.38	0.083	2.438
5/2/2021 5:36 AM	0.388	0.096	2.438
5/2/2021 5:42 AM	0.388	0.107	2.438
5/2/2021 5:48 AM	0.385	0.082	2.436
5/2/2021 5:54 AM	0.393	0.063	2.455
5/2/2021 6:00 AM	0.396	0.058	2.458
5/2/2021 6:06 AM	0.395	0.013	2.442
5/2/2021 6:12 AM	0.401	-0.001	2.421
5/2/2021 6:18 AM	0.4	0.042	2.318
5/2/2021 6:24 AM	0.399	0.056	2.244
5/2/2021 6:30 AM	0.405	0.045	2.239
5/2/2021 6:36 AM	0.411	0.07	2.236
5/2/2021 6:42 AM	0.412	0.062	2.216
5/2/2021 6:48 AM	0.413	0.058	2.33
5/2/2021 6:54 AM	0.415	0.083	2.709
5/2/2021 7:00 AM	0.416	0.091	2.871
5/2/2021 7:06 AM	0.416	0.091	2.839
5/2/2021 7:12 AM	0.42	0.097	2.854
5/2/2021 7:18 AM	0.421	0.066	2.861
5/2/2021 7:24 AM	0.423	0.051	2.859
5/2/2021 7:30 AM	0.429	0.07	2.853

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/2/2021 7:36 AM	0.434	0.071	2.861
5/2/2021 7:42 AM	0.458	0.075	2.859
5/2/2021 7:48 AM	0.49	0.083	2.86
5/2/2021 7:54 AM	0.523	0.069	2.859
5/2/2021 8:00 AM	0.552	0.083	2.845
5/2/2021 8:06 AM	0.573	0.098	2.856
5/2/2021 8:12 AM	0.586	0.114	2.873
5/2/2021 8:18 AM	0.584	0.115	2.869
5/2/2021 8:24 AM	0.567	11.23	2.623
5/2/2021 8:30 AM	0.541	8.728	2.264
5/2/2021 8:36 AM	0.504	3.219	2.192
5/2/2021 8:42 AM	0.464	2.775	2.193
5/2/2021 8:48 AM	0.461	2.866	2.199
5/2/2021 8:54 AM	0.491	2.801	2.226
5/2/2021 9:00 AM	0.527	2.418	2.246
5/2/2021 9:06 AM	0.549	1.968	2.251
5/2/2021 9:12 AM	0.567	1.639	2.272
5/2/2021 9:18 AM	0.581	1.427	2.292
5/2/2021 9:24 AM	0.588	1.259	2.288
5/2/2021 9:30 AM	0.596	1.155	2.31
5/2/2021 9:36 AM	0.612	1.128	2.337
5/2/2021 9:42 AM	0.621	1.115	2.331
5/2/2021 9:48 AM	0.625	1.033	2.321
5/2/2021 9:54 AM	0.634	0.931	2.284
5/2/2021 10:00 AM	0.639	0.925	2.277
5/2/2021 10:06 AM	0.64	0.94	2.269
5/2/2021 10:12 AM	0.649	0.953	2.296
5/2/2021 10:18 AM	0.644	0.969	2.296
5/2/2021 10:24 AM	0.628	1.006	2.29
5/2/2021 10:30 AM	0.613	1.082	2.31
5/2/2021 10:36 AM	0.602	1.094	2.328
5/2/2021 10:42 AM	0.585	1.043	2.331
5/2/2021 10:48 AM	0.573	1.067	2.333
5/2/2021 10:54 AM	0.567	1.175	2.337
5/2/2021 11:00 AM	0.555	1.213	2.323
5/2/2021 11:06 AM	0.539	1.208	2.32
5/2/2021 11:12 AM	0.53	1.14	2.332
5/2/2021 11:18 AM	0.521	1.109	2.336
5/2/2021 11:24 AM	0.507	1.092	2.322
5/2/2021 11:30 AM	0.498	1.073	2.302
5/2/2021 11:36 AM	0.49	1.066	2.118
5/2/2021 11:42 AM	0.494	1.064	1.995
5/2/2021 11:48 AM	0.506	1.078	2.163
5/2/2021 11:54 AM	0.52	1.277	2.518
5/2/2021 12:00 PM	0.53	1.353	2.625
5/2/2021 12:06 PM	Calib	1.22	2.593
5/2/2021 12:12 PM	0.4	1.185	2.569
5/2/2021 12:18 PM	0.4	1.137	2.53
5/2/2021 12:24 PM	0.4	1.14	2.502
5/2/2021 12:30 PM	0.4	1.143	2.432
5/2/2021 12:36 PM	0.5	1.127	2.33
5/2/2021 12:42 PM	0.5	1.135	2.304
5/2/2021 12:48 PM	0.5	1.129	2.287
5/2/2021 12:54 PM	0.6	1.163	2.249

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/2/2021 1:00 PM	0.6	1.177	2.224
5/2/2021 1:06 PM	0.6	1.143	2.19
5/2/2021 1:12 PM	0.6	1.089	2.145
5/2/2021 1:18 PM	0.7	1.049	2.118
5/2/2021 1:24 PM	0.7	1.146	2.083
5/2/2021 1:30 PM	0.7	1.267	2.056
5/2/2021 1:36 PM	0.7	1.253	2.028
5/2/2021 1:42 PM	0.7	1.251	2.009
5/2/2021 1:48 PM	0.7	1.286	1.998
5/2/2021 1:54 PM	0.7	1.306	1.993
5/2/2021 2:00 PM	0.7	1.335	1.977
5/2/2021 2:06 PM	0.7	1.332	1.971
5/2/2021 2:12 PM	0.7	1.31	1.96
5/2/2021 2:18 PM	0.7	1.271	1.93
5/2/2021 2:24 PM	0.7	1.241	1.928
5/2/2021 2:30 PM	0.7	1.219	1.916
5/2/2021 2:36 PM	0.7	1.239	1.885
5/2/2021 2:42 PM	0.7	1.274	1.887
5/2/2021 2:48 PM	0.7	1.247	1.868
5/2/2021 2:54 PM	0.7	1.258	1.86
5/2/2021 3:00 PM	0.7	1.263	1.845
5/2/2021 3:06 PM	0.7	1.273	1.848
5/2/2021 3:12 PM	0.7	1.289	1.86
5/2/2021 3:18 PM	0.7	1.276	1.859
5/2/2021 3:24 PM	0.7	1.211	1.87
5/2/2021 3:30 PM	0.7	1.126	1.894
5/2/2021 3:36 PM	0.7	1.089	1.923
5/2/2021 3:42 PM	0.7	1.099	1.948
5/2/2021 3:48 PM	0.7	1.129	1.96
5/2/2021 3:54 PM	0.7	1.153	1.93
5/2/2021 4:00 PM	0.7	1.161	1.909
5/2/2021 4:06 PM	0.7	1.169	1.937
5/2/2021 4:12 PM	0.7	1.194	1.953
5/2/2021 4:18 PM	0.7	1.312	1.963
5/2/2021 4:24 PM	0.7	1.316	1.966
5/2/2021 4:30 PM	0.7	1.241	1.954
5/2/2021 4:36 PM	0.7	1.27	1.963
5/2/2021 4:42 PM	0.7	1.313	1.967
5/2/2021 4:48 PM	0.7	1.367	1.971
5/2/2021 4:54 PM	0.7	1.417	1.993
5/2/2021 5:00 PM	0.8	1.307	2.002
5/2/2021 5:06 PM	0.8	1.245	2.002
5/2/2021 5:12 PM	0.8	1.279	1.995
5/2/2021 5:18 PM	0.8	1.277	2.018
5/2/2021 5:24 PM	0.8	1.246	2.015
5/2/2021 5:30 PM	0.8	1.212	2.001
5/2/2021 5:36 PM	0.8	1.217	1.986
5/2/2021 5:42 PM	0.8	1.238	1.986
5/2/2021 5:48 PM	0.8	1.224	1.997
5/2/2021 5:54 PM	0.8	1.155	2.001
5/2/2021 6:00 PM	0.8	1.058	2.022
5/2/2021 6:06 PM	0.9	1.063	2.035
5/2/2021 6:12 PM	0.9	1.072	2.026
5/2/2021 6:18 PM	0.9	1.037	2.035

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/2/2021 6:24 PM	0.9	0.978	2.056
5/2/2021 6:30 PM	0.9	1.058	2.061
5/2/2021 6:36 PM	0.9	1.164	2.047
5/2/2021 6:42 PM	0.9	1.221	2.086
5/2/2021 6:48 PM	0.9	1.269	1.791
5/2/2021 6:54 PM	0.8	1.254	1.485
5/2/2021 7:00 PM	0.8	1.284	1.509
5/2/2021 7:06 PM	0.7	1.291	1.556
5/2/2021 7:12 PM	0.7	1.293	1.572
5/2/2021 7:18 PM	0.6	1.302	1.575
5/2/2021 7:24 PM	0.6	1.237	1.578
5/2/2021 7:30 PM	0.6	1.186	1.616
5/2/2021 7:36 PM	0.5	1.232	1.653
5/2/2021 7:42 PM	0.5	1.236	1.674
5/2/2021 7:48 PM	0.5	1.231	1.681
5/2/2021 7:54 PM	0.5	1.246	1.652
5/2/2021 8:00 PM	0.4	1.252	1.667
5/2/2021 8:06 PM	0.4	1.251	1.713
5/2/2021 8:12 PM	0.4	1.241	1.746
5/2/2021 8:18 PM	0.4	1.21	1.753
5/2/2021 8:24 PM	0.4	1.203	1.772
5/2/2021 8:30 PM	0.4	1.198	1.763
5/2/2021 8:36 PM	0.5	1.183	1.764
5/2/2021 8:42 PM	0.5	1.223	1.735
5/2/2021 8:48 PM	0.5	1.221	1.728
5/2/2021 8:54 PM	0.5	1.232	1.734
5/2/2021 9:00 PM	0.4	1.251	1.725
5/2/2021 9:06 PM	0.4	1.23	1.753
5/2/2021 9:12 PM	0.4	1.251	1.777
5/2/2021 9:18 PM	0.4	1.253	1.767
5/2/2021 9:24 PM	0.4	1.232	1.742
5/2/2021 9:30 PM	0.4	1.223	1.745
5/2/2021 9:36 PM	0.4	1.247	1.746
5/2/2021 9:42 PM	0.4	1.238	1.78
5/2/2021 9:48 PM	0.4	1.228	1.785
5/2/2021 9:54 PM	0.4	1.242	1.79
5/2/2021 10:00 PM	0.4	1.236	1.778
5/2/2021 10:06 PM	0.4	1.232	1.747
5/2/2021 10:12 PM	0.4	1.212	1.793
5/2/2021 10:18 PM	0.4	1.228	1.832
5/2/2021 10:24 PM	0.4	1.299	1.837
5/2/2021 10:30 PM	0.4	1.354	1.83
5/2/2021 10:36 PM	0.4	1.34	1.83
5/2/2021 10:42 PM	0.4	1.32	1.805
5/2/2021 10:48 PM	0.4	1.296	1.757
5/2/2021 10:54 PM	0.3	1.312	1.746
5/2/2021 11:00 PM	0.3	1.277	1.731
5/2/2021 11:06 PM	0.3	1.274	1.719
5/2/2021 11:12 PM	0.3	1.281	1.427
5/2/2021 11:18 PM	0.3	1.282	1.204
5/2/2021 11:24 PM	0.3	1.338	1.233
5/2/2021 11:30 PM	0.3	1.366	1.237
5/2/2021 11:36 PM	0.3	1.303	1.251
5/2/2021 11:42 PM	0.3	1.338	1.26

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/2/2021 11:48 PM	0.3	1.342	1.275
5/2/2021 11:54 PM	0.3	1.353	1.287
5/3/2021 12:00 AM	0.3	1.391	1.324
5/3/2021 12:06 AM	0.3	1.347	1.184
5/3/2021 12:12 AM	0.3	0.821	0.483
5/3/2021 12:18 AM	0.3	0.4	0.102
5/3/2021 12:24 AM	0.3	0.364	0.119
5/3/2021 12:30 AM	0.3	0.356	0.14
5/3/2021 12:36 AM	0.2	0.351	0.147
5/3/2021 12:42 AM	0.2	0.343	0.147
5/3/2021 12:48 AM	0.2	0.396	0.141
5/3/2021 12:54 AM	0.2	0.359	0.124
5/3/2021 1:00 AM	0.2	0.325	0.118
5/3/2021 1:06 AM	0.3	<Samp	<Samp
5/3/2021 1:12 AM	0.1	---	---
5/3/2021 1:18 AM	0.1	---	---
5/3/2021 1:24 AM	0.1	---	---
5/3/2021 1:30 AM	0.1	---	---
5/3/2021 1:36 AM	0.1	Calib	Calib
5/3/2021 1:42 AM	0.1	0.398	0.158
5/3/2021 1:48 AM	0.1	0.313	0.153
5/3/2021 1:54 AM	0.1	0.229	0.122
5/3/2021 2:00 AM	0.1	9.75	0.117
5/3/2021 2:06 AM	0.1	14.576	0.122
5/3/2021 2:12 AM	0.1	6.288	0.125
5/3/2021 2:18 AM	0.1	4.862	0.127
5/3/2021 2:24 AM	0.1	4.009	0.138
5/3/2021 2:30 AM	0.1	3.716	0.139
5/3/2021 2:36 AM	0.1	3.714	0.136
5/3/2021 2:42 AM	0.1	3.509	0.123
5/3/2021 2:48 AM	0.2	3.314	0.126
5/3/2021 2:54 AM	0.2	3.048	0.138
5/3/2021 3:00 AM	0.2	2.797	0.121
5/3/2021 3:06 AM	0.2	2.152	0.118
5/3/2021 3:12 AM	0.2	0.789	0.153
5/3/2021 3:18 AM	0.2	0.383	0.151
5/3/2021 3:24 AM	0.2	<Samp	<Samp
5/3/2021 3:30 AM	0.2	---	---
5/3/2021 3:36 AM	0.2	---	---
5/3/2021 3:42 AM	0.2	---	---
5/3/2021 3:48 AM	0.2	---	---
5/3/2021 3:54 AM	0.2	---	---
5/3/2021 4:00 AM	0.2	---	---
5/3/2021 4:06 AM	0.2	---	---
5/3/2021 4:12 AM	0.2	---	---
5/3/2021 4:18 AM	0.2	Calib	---
5/3/2021 4:24 AM	0.3	0.561	---
5/3/2021 4:30 AM	5	0.538	---
5/3/2021 4:36 AM	15.3	0.478	---
5/3/2021 4:42 AM	20	2.945	---
5/3/2021 4:48 AM	8.4	10.738	---
5/3/2021 4:54 AM	5.4	8.298	---
5/3/2021 5:00 AM	4.4	3.671	---
5/3/2021 5:06 AM	3.7	2.934	---

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/3/2021 5:12 AM	3	2.474	---
5/3/2021 5:18 AM	2	2.233	---
5/3/2021 5:24 AM	1.4	2.23	---
5/3/2021 5:30 AM	1.2	2.173	---
5/3/2021 5:36 AM	1	2.127	---
5/3/2021 5:42 AM	1	2.089	---
5/3/2021 5:48 AM	0.8	2.07	---
5/3/2021 5:54 AM	0.8	2.041	---
5/3/2021 6:00 AM	0.8	2.074	---
5/3/2021 6:06 AM	0.6	2.1	---
5/3/2021 6:12 AM	0.5	2.059	---
5/3/2021 6:18 AM	0.4	2.069	---
5/3/2021 6:24 AM	0.4	1.701	---
5/3/2021 6:30 AM	0.4	1.228	---
5/3/2021 6:36 AM	0.4	1.15	---
5/3/2021 6:42 AM	0.4	1.115	---
5/3/2021 6:48 AM	0.4	1.147	---
5/3/2021 6:54 AM	0.2	1.165	---
5/3/2021 7:00 AM	0.2	1.161	---
5/3/2021 7:06 AM	0.2	1.156	---
5/3/2021 7:12 AM	0.2	1.188	---
5/3/2021 7:18 AM	0.2	1.2	---
5/3/2021 7:24 AM	0.2	1.163	---
5/3/2021 7:30 AM	0.2	1.176	---
5/3/2021 7:36 AM	0.2	1.185	---
5/3/2021 7:42 AM	0.3	1.192	---
5/3/2021 7:48 AM	5	1.096	---
5/3/2021 7:54 AM	15.3	1.034	---
5/3/2021 8:00 AM	20	0.999	---
5/3/2021 8:06 AM	8.4	0.896	---
5/3/2021 8:12 AM	5.4	0.948	---
5/3/2021 8:18 AM	4.4	1.008	---
5/3/2021 8:24 AM	3.7	1.01	---
5/3/2021 8:30 AM	3	1.039	---
5/3/2021 8:36 AM	2	1.065	---
5/3/2021 8:42 AM	1.4	1.071	---
5/3/2021 8:48 AM	1.2	1.074	---
5/3/2021 8:54 AM	1	1.103	---
5/3/2021 9:00 AM	1	1.122	---
5/3/2021 9:06 AM	0.8	1.088	---
5/3/2021 9:12 AM	0.8	1.113	---
5/3/2021 9:18 AM	0.8	1.116	---
5/3/2021 9:24 AM	0.6	1.115	---
5/3/2021 9:30 AM	0.5	1.092	---
5/3/2021 9:36 AM	0.4	1.014	---
5/3/2021 9:42 AM	0.4	0.708	---
5/3/2021 9:48 AM	0.4	0.41	---
5/3/2021 9:54 AM	0.4	0.331	---
5/3/2021 10:00 AM	0.4	0.377	---
5/3/2021 10:06 AM	0.4	0.403	---
5/3/2021 10:12 AM	Zero	0.416	---
5/3/2021 10:18 AM	<Samp	0.347	---
5/3/2021 10:24 AM	0.435	0.348	<Samp
5/3/2021 10:30 AM	0.433	0.303	1.265

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
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23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/3/2021 10:36 AM	0.432	0.217	1.293
5/3/2021 10:42 AM	0.445	0.163	2.001
5/3/2021 10:48 AM	0.451	0.159	2.898
5/3/2021 10:54 AM	0.452	0.178	2.929
5/3/2021 11:00 AM	0.448	0.173	2.909
5/3/2021 11:06 AM	0.453	0.119	2.716
5/3/2021 11:12 AM	0.454	0.107	2.238
5/3/2021 11:18 AM	0.444	0.088	1.96
5/3/2021 11:24 AM	0.441	0.056	1.956
5/3/2021 11:30 AM	0.435	0.068	1.956
5/3/2021 11:36 AM	0.419	0.083	1.941
5/3/2021 11:42 AM	0.401	0.057	1.918
5/3/2021 11:48 AM	0.396	0.026	1.887
5/3/2021 11:54 AM	0.397	0.012	1.891
5/3/2021 12:00 PM	0.385	0.082	1.906
5/3/2021 12:06 PM	0.34	0.179	1.909
5/3/2021 12:12 PM	0.34	0.154	1.908
5/3/2021 12:18 PM	0.338	0.168	1.896
5/3/2021 12:24 PM	0.326	0.181	1.876
5/3/2021 12:30 PM	0.307	0.133	1.878
5/3/2021 12:36 PM	0.287	0.107	1.861
5/3/2021 12:42 PM	0.274	0.16	1.866
5/3/2021 12:48 PM	0.274	0.172	1.865
5/3/2021 12:54 PM	0.275	0.155	1.854
5/3/2021 1:00 PM	0.277	0.146	1.864
5/3/2021 1:06 PM	0.284	0.118	1.867
5/3/2021 1:12 PM	0.29	0.099	1.859
5/3/2021 1:18 PM	0.3	0.118	1.868
5/3/2021 1:24 PM	0.309	0.164	1.887
5/3/2021 1:30 PM	0.315	0.172	1.915
5/3/2021 1:36 PM	0.322	0.173	1.921
5/3/2021 1:42 PM	0.325	0.113	1.898
5/3/2021 1:48 PM	0.33	0.152	1.907
5/3/2021 1:54 PM	0.335	0.181	1.912
5/3/2021 2:00 PM	0.335	0.188	1.917
5/3/2021 2:06 PM	0.334	0.19	1.946
5/3/2021 2:12 PM	0.333	0.199	1.934
5/3/2021 2:18 PM	0.339	0.254	1.934
5/3/2021 2:24 PM	2.505	0.254	1.939
5/3/2021 2:30 PM	7.011	0.222	1.926
5/3/2021 2:36 PM	6.025	0.174	1.926
5/3/2021 2:42 PM	6.12	0.165	1.934
5/3/2021 2:48 PM	5.442	0.185	1.922
5/3/2021 2:54 PM	4.356	0.211	1.923
5/3/2021 3:00 PM	3.806	0.243	1.925
5/3/2021 3:06 PM	2.697	0.194	1.916
5/3/2021 3:12 PM	1.6	0.219	1.919
5/3/2021 3:18 PM	1.458	0.248	1.935
5/3/2021 3:24 PM	1.491	0.205	1.933
5/3/2021 3:30 PM	1.636	0.181	1.936
5/3/2021 3:36 PM	1.707	0.202	1.961
5/3/2021 3:42 PM	1.63	0.23	1.963
5/3/2021 3:48 PM	1.527	0.231	1.967
5/3/2021 3:54 PM	1.4	0.215	1.965

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/3/2021 4:00 PM	1.238	0.226	1.96
5/3/2021 4:06 PM	1.008	0.207	1.975
5/3/2021 4:12 PM	0.794	0.229	1.96
5/3/2021 4:18 PM	0.727	0.269	1.956
5/3/2021 4:24 PM	0.956	0.255	1.93
5/3/2021 4:30 PM	1.164	0.217	1.95
5/3/2021 4:36 PM	1.324	0.241	1.955
5/3/2021 4:42 PM	1.387	0.304	1.945
5/3/2021 4:48 PM	1.345	0.262	1.957
5/3/2021 4:54 PM	1.322	0.218	1.98
5/3/2021 5:00 PM	1.221	0.237	1.983
5/3/2021 5:06 PM	1.078	0.25	1.979
5/3/2021 5:12 PM	0.905	0.274	1.995
5/3/2021 5:18 PM	0.714	0.289	1.996
5/3/2021 5:24 PM	0.566	0.219	2.013
5/3/2021 5:30 PM	0.484	0.187	2.004
5/3/2021 5:36 PM	0.454	0.215	1.987
5/3/2021 5:42 PM	0.438	0.27	1.984
5/3/2021 5:48 PM	0.432	0.314	1.981
5/3/2021 5:54 PM	0.429	0.313	1.971
5/3/2021 6:00 PM	0.441	0.324	1.956
5/3/2021 6:06 PM	0.455	0.323	1.959
5/3/2021 6:12 PM	0.498	0.3	1.974
5/3/2021 6:18 PM	0.528	0.246	1.991
5/3/2021 6:24 PM	0.545	0.238	1.994
5/3/2021 6:30 PM	0.546	0.271	1.988
5/3/2021 6:36 PM	0.565	0.291	1.976
5/3/2021 6:42 PM	0.588	0.25	1.983
5/3/2021 6:48 PM	0.586	0.243	2.002
5/3/2021 6:54 PM	0.581	0.263	2.002
5/3/2021 7:00 PM	0.652	0.297	1.979
5/3/2021 7:06 PM	0.697	0.296	1.973
5/3/2021 7:12 PM	0.726	0.281	1.989
5/3/2021 7:18 PM	0.748	0.299	2
5/3/2021 7:24 PM	0.72	0.314	2.003
5/3/2021 7:30 PM	0.746	0.326	1.991
5/3/2021 7:36 PM	0.824	0.389	2.002
5/3/2021 7:42 PM	0.853	0.365	2.005
5/3/2021 7:48 PM	0.851	0.316	2.004
5/3/2021 7:54 PM	0.82	0.298	2.018
5/3/2021 8:00 PM	0.833	0.345	2.009
5/3/2021 8:06 PM	0.843	0.421	1.992
5/3/2021 8:12 PM	0.854	0.41	2.006
5/3/2021 8:18 PM	0.889	0.357	2.027
5/3/2021 8:24 PM	0.867	0.357	2.038
5/3/2021 8:30 PM	0.821	0.396	2.038
5/3/2021 8:36 PM	0.847	0.445	2.058
5/3/2021 8:42 PM	1.502	0.512	2.166
5/3/2021 8:48 PM	1.579	0.526	2.645
5/3/2021 8:54 PM	1.361	0.514	2.655
5/3/2021 9:00 PM	1.299	0.552	2.567
5/3/2021 9:06 PM	1.171	0.639	2.576
5/3/2021 9:12 PM	1.022	0.663	2.579
5/3/2021 9:18 PM	0.895	0.672	2.573

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/3/2021 9:24 PM	0.645	0.689	2.604
5/3/2021 9:30 PM	0.419	0.664	2.598
5/3/2021 9:36 PM	0.342	0.626	2.578
5/3/2021 9:42 PM	0.326	0.623	2.588
5/3/2021 9:48 PM	0.304	0.586	2.595
5/3/2021 9:54 PM	0.299	0.567	2.588
5/3/2021 10:00 PM	0.308	0.59	2.608
5/3/2021 10:06 PM	0.309	0.593	2.621
5/3/2021 10:12 PM	0.36	0.609	2.599
5/3/2021 10:18 PM	0.562	0.614	2.586
5/3/2021 10:24 PM	1.057	0.632	2.602
5/3/2021 10:30 PM	1.496	0.602	2.851
5/3/2021 10:36 PM	1.429	5.792	3.121
5/3/2021 10:42 PM	1.164	13.658	3.128
5/3/2021 10:48 PM	0.961	11.76	3.076
5/3/2021 10:54 PM	0.73	6.133	3.028
5/3/2021 11:00 PM	0.42	5.334	3.048
5/3/2021 11:06 PM	0.424	4.481	2.962
5/3/2021 11:12 PM	0.591	3.357	3.696
5/3/2021 11:18 PM	1.181	3.543	3.403
5/3/2021 11:24 PM	1.048	3.609	3.342
5/3/2021 11:30 PM	0.588	3.341	3.368
5/3/2021 11:36 PM	0.653	2.929	3.415
5/3/2021 11:42 PM	0.745	2.414	3.366
5/3/2021 11:48 PM	0.826	1.512	2.785
5/3/2021 11:54 PM	0.988	1.649	2.185
5/4/2021 12:00 AM	0.994	2.551	2.613
5/4/2021 12:06 AM	0.903	2.534	2.728
5/4/2021 12:12 AM	0.867	2.087	2.59
5/4/2021 12:18 AM	0.834	1.872	2.353
5/4/2021 12:24 AM	0.887	1.731	2.293
5/4/2021 12:30 AM	0.951	1.472	2.281
5/4/2021 12:36 AM	1.003	1.154	2.173
5/4/2021 12:42 AM	1.064	1.474	2.127
5/4/2021 12:48 AM	1.327	2.193	2.145
5/4/2021 12:54 AM	1.356	2.142	2.143
5/4/2021 1:00 AM	1.441	2.781	2.172
5/4/2021 1:06 AM	1.395	3.638	2.356
5/4/2021 1:12 AM	0.951	2.993	2.326
5/4/2021 1:18 AM	0.86	2.432	2.19
5/4/2021 1:24 AM	0.96	1.646	2.163
5/4/2021 1:30 AM	0.838	0.897	2.19
5/4/2021 1:36 AM	1.104	1.803	2.301
5/4/2021 1:42 AM	1.615	3.521	2.59
5/4/2021 1:48 AM	1.601	3.64	2.713
5/4/2021 1:54 AM	1.317	3.458	2.652
5/4/2021 2:00 AM	0.988	3.287	2.634
5/4/2021 2:06 AM	0.85	2.984	2.636
5/4/2021 2:12 AM	0.858	2.954	2.624
5/4/2021 2:18 AM	0.984	3.036	2.63
5/4/2021 2:24 AM	0.918	2.82	2.668
5/4/2021 2:30 AM	0.799	2.568	2.652
5/4/2021 2:36 AM	0.65	1.869	2.478
5/4/2021 2:42 AM	0.608	1.022	2.178

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/4/2021 2:48 AM	1.089	2.309	2.443
5/4/2021 2:54 AM	1.31	3.731	2.866
5/4/2021 3:00 AM	1.092	3.428	2.867
5/4/2021 3:06 AM	1.098	3.286	2.827
5/4/2021 3:12 AM	0.789	3.066	2.778
5/4/2021 3:18 AM	0.601	2.762	2.741
5/4/2021 3:24 AM	0.624	2.801	2.753
5/4/2021 3:30 AM	0.468	2.782	2.758
5/4/2021 3:36 AM	0.466	2.664	2.734
5/4/2021 3:42 AM	0.539	2.542	2.717
5/4/2021 3:48 AM	0.607	2.475	2.726
5/4/2021 3:54 AM	0.675	2.422	2.72
5/4/2021 4:00 AM	0.664	2.074	2.699
5/4/2021 4:06 AM	0.461	1.696	2.718
5/4/2021 4:12 AM	0.316	1.76	2.729
5/4/2021 4:18 AM	0.319	1.756	2.723
5/4/2021 4:24 AM	0.326	1.651	2.717
5/4/2021 4:30 AM	0.346	1.651	2.59
5/4/2021 4:36 AM	0.442	1.463	2.267
5/4/2021 4:42 AM	0.508	1.351	2.181
5/4/2021 4:48 AM	0.513	1.382	2.342
5/4/2021 4:54 AM	0.57	1.291	2.259
5/4/2021 5:00 AM	0.599	1.355	2.136
5/4/2021 5:06 AM	0.573	1.41	2.178
5/4/2021 5:12 AM	0.591	1.289	2.53
5/4/2021 5:18 AM	0.573	1.247	2.763
5/4/2021 5:24 AM	0.275	1.265	2.722
5/4/2021 5:30 AM	0.219	1.244	2.696
5/4/2021 5:36 AM	0.456	1.24	2.664
5/4/2021 5:42 AM	0.673	1.22	2.552
5/4/2021 5:48 AM	0.853	1.176	2.328
5/4/2021 5:54 AM	0.629	1.345	2.255
5/4/2021 6:00 AM	0.035	1.629	2.236
5/4/2021 6:06 AM	-0.321	1.674	2.202
5/4/2021 6:12 AM	-0.452	1.67	2.189
5/4/2021 6:18 AM	-0.449	1.675	2.185
5/4/2021 6:24 AM	-0.439	1.698	2.173
5/4/2021 6:30 AM	-0.421	1.773	2.135
5/4/2021 6:36 AM	-0.384	1.745	2.131
5/4/2021 6:42 AM	-0.337	1.502	2.051
5/4/2021 6:48 AM	-0.279	1.172	1.978
5/4/2021 6:54 AM	-0.264	1.072	2.011
5/4/2021 7:00 AM	-0.201	1.051	2.026
5/4/2021 7:06 AM	-0.192	1.057	2.027
5/4/2021 7:12 AM	-0.189	1.094	2.037
5/4/2021 7:18 AM	-0.169	1.28	2.044
5/4/2021 7:24 AM	-0.095	1.531	2.399
5/4/2021 7:30 AM	-0.058	1.641	2.671
5/4/2021 7:36 AM	-0.057	1.692	2.586
5/4/2021 7:42 AM	-0.031	1.797	2.575
5/4/2021 7:48 AM	-0.009	1.832	2.571
5/4/2021 7:54 AM	-0.019	1.827	2.578
5/4/2021 8:00 AM	0.065	1.878	2.591
5/4/2021 8:06 AM	0.064	1.81	2.611

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/4/2021 8:12 AM	0.067	1.743	2.576
5/4/2021 8:18 AM	0.108	1.752	2.591
5/4/2021 8:24 AM	0.143	1.765	2.61
5/4/2021 8:30 AM	0.138	1.85	2.577
5/4/2021 8:36 AM	0.159	1.873	2.575
5/4/2021 8:42 AM	0.211	1.814	2.554
5/4/2021 8:48 AM	0.236	1.787	2.526
5/4/2021 8:54 AM	0.278	1.819	2.54
5/4/2021 9:00 AM	0.278	1.832	2.579
5/4/2021 9:06 AM	0.272	1.83	2.571
5/4/2021 9:12 AM	0.28	1.855	2.541
5/4/2021 9:18 AM	0.272	1.885	2.538
5/4/2021 9:24 AM	0.299	1.895	2.538
5/4/2021 9:30 AM	0.294	1.855	2.551
5/4/2021 9:36 AM	0.294	1.776	2.553
5/4/2021 9:42 AM	0.32	2.06	2.548
5/4/2021 9:48 AM	0.299	2.226	2.535
5/4/2021 9:54 AM	0.315	2.188	2.527
5/4/2021 10:00 AM	0.348	2.151	2.525
5/4/2021 10:06 AM	0.353	2.157	2.53
5/4/2021 10:12 AM	0.325	2.198	2.538
5/4/2021 10:18 AM	0.356	2.204	2.566
5/4/2021 10:24 AM	0.365	2.155	2.58
5/4/2021 10:30 AM	0.383	2.057	2.559
5/4/2021 10:36 AM	0.41	2.007	2.554
5/4/2021 10:42 AM	0.437	1.97	2.571
5/4/2021 10:48 AM	0.451	1.904	2.548
5/4/2021 10:54 AM	0.407	1.836	2.533
5/4/2021 11:00 AM	0.414	1.928	2.54
5/4/2021 11:06 AM	0.429	2.004	2.556
5/4/2021 11:12 AM	0.429	2.049	2.565
5/4/2021 11:18 AM	0.434	2.108	2.579
5/4/2021 11:24 AM	0.39	2.062	2.57
5/4/2021 11:30 AM	0.352	1.995	2.559
5/4/2021 11:36 AM	0.347	2.01	2.583
5/4/2021 11:42 AM	0.36	2.132	2.593
5/4/2021 11:48 AM	0.394	2.065	2.55
5/4/2021 11:54 AM	0.448	1.942	2.555
5/4/2021 12:00 PM	0.443	1.843	2.556
5/4/2021 12:06 PM	2.778	1.49	2.28
5/4/2021 12:12 PM	2.809	1.204	1.986
5/4/2021 12:18 PM	1.562	1	1.821
5/4/2021 12:24 PM	0.813	0.936	1.835
5/4/2021 12:30 PM	0.393	0.878	1.843
5/4/2021 12:36 PM	0.323	0.998	1.844
5/4/2021 12:42 PM	0.306	1.027	1.857
5/4/2021 12:48 PM	0.327	1.016	1.861
5/4/2021 12:54 PM	0.353	1.005	1.887
5/4/2021 1:00 PM	0.35	0.984	1.892
5/4/2021 1:06 PM	0.359	0.974	1.88
5/4/2021 1:12 PM	0.386	1.013	1.866
5/4/2021 1:18 PM	0.374	1.052	1.857
5/4/2021 1:24 PM	0.378	1.063	1.861
5/4/2021 1:30 PM	0.423	1.043	1.872

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/4/2021 1:36 PM	0.459	1.049	1.842
5/4/2021 1:42 PM	0.457	1.12	1.821
5/4/2021 1:48 PM	0.442	1.099	1.829
5/4/2021 1:54 PM	0.398	1.055	1.841
5/4/2021 2:00 PM	0.36	1.077	1.838
5/4/2021 2:06 PM	0.385	1.099	1.837
5/4/2021 2:12 PM	0.421	1.137	1.837
5/4/2021 2:18 PM	0.458	1.117	1.832
5/4/2021 2:24 PM	0.484	1.082	1.837
5/4/2021 2:30 PM	0.493	1.091	1.829
5/4/2021 2:36 PM	0.45	1.086	1.816
5/4/2021 2:42 PM	0.467	1.093	1.83
5/4/2021 2:48 PM	0.468	1.135	1.838
5/4/2021 2:54 PM	0.483	1.173	1.837
5/4/2021 3:00 PM	0.526	1.235	1.849
5/4/2021 3:06 PM	0.512	1.297	1.841
5/4/2021 3:12 PM	0.476	1.293	1.838
5/4/2021 3:18 PM	0.483	1.287	1.864
5/4/2021 3:24 PM	0.531	1.286	1.86
5/4/2021 3:30 PM	0.597	1.258	1.867
5/4/2021 3:36 PM	0.587	1.306	1.886
5/4/2021 3:42 PM	0.567	1.382	1.862
5/4/2021 3:48 PM	0.585	1.353	1.856
5/4/2021 3:54 PM	0.564	1.341	1.862
5/4/2021 4:00 PM	0.54	1.365	1.861
5/4/2021 4:06 PM	0.492	0.917	2.192
5/4/2021 4:12 PM	0.486	0.931	2.526
5/4/2021 4:18 PM	0.477	0.821	2.407
5/4/2021 4:24 PM	0.459	0.478	2.404
5/4/2021 4:30 PM	0.461	0.39	2.48
5/4/2021 4:36 PM	0.487	0.411	2.458
5/4/2021 4:42 PM	0.498	0.37	2.42
5/4/2021 4:48 PM	0.463	4.795	2.426
5/4/2021 4:54 PM	0.431	6.321	2.44
5/4/2021 5:00 PM	0.408	2.187	2.473
5/4/2021 5:06 PM	0.392	1.623	2.487
5/4/2021 5:12 PM	0.413	1.563	2.518
5/4/2021 5:18 PM	0.432	1.646	2.216
5/4/2021 5:24 PM	0.42	1.757	1.854
5/4/2021 5:30 PM	0.417	1.712	1.879
5/4/2021 5:36 PM	0.426	1.545	1.883
5/4/2021 5:42 PM	0.438	1.496	1.88
5/4/2021 5:48 PM	0.463	1.481	1.888
5/4/2021 5:54 PM	0.444	1.433	1.898
5/4/2021 6:00 PM	0.432	1.397	1.889
5/4/2021 6:06 PM	0.423	1.383	1.874
5/4/2021 6:12 PM	0.421	1.436	1.895
5/4/2021 6:18 PM	0.433	1.462	1.915
5/4/2021 6:24 PM	0.405	1.423	1.928
5/4/2021 6:30 PM	0.373	1.447	1.921
5/4/2021 6:36 PM	0.384	1.587	1.924
5/4/2021 6:42 PM	0.411	1.567	1.921
5/4/2021 6:48 PM	0.389	1.547	2.24
5/4/2021 6:54 PM	0.361	1.631	2.666

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/4/2021 7:00 PM	0.366	1.648	2.651
5/4/2021 7:06 PM	0.383	1.674	2.614
5/4/2021 7:12 PM	0.376	1.677	2.593
5/4/2021 7:18 PM	0.308	1.692	2.553
5/4/2021 7:24 PM	0.296	1.613	2.55
5/4/2021 7:30 PM	0.301	1.487	2.563
5/4/2021 7:36 PM	0.282	1.491	2.56
5/4/2021 7:42 PM	0.26	1.55	2.538
5/4/2021 7:48 PM	0.25	1.608	2.507
5/4/2021 7:54 PM	0.244	1.911	2.498
5/4/2021 8:00 PM	0.239	2.224	2.487
5/4/2021 8:06 PM	0.233	2.074	2.474
5/4/2021 8:12 PM	0.248	1.999	2.475
5/4/2021 8:18 PM	0.205	1.964	2.541
5/4/2021 8:24 PM	0.203	1.992	2.658
5/4/2021 8:30 PM	0.222	2.347	2.709
5/4/2021 8:36 PM	0.199	2.673	2.692
5/4/2021 8:42 PM	0.224	2.512	2.684
5/4/2021 8:48 PM	0.233	2.368	2.686
5/4/2021 8:54 PM	0.217	2.323	2.671
5/4/2021 9:00 PM	0.188	2.31	2.673
5/4/2021 9:06 PM	0.189	2.246	2.705
5/4/2021 9:12 PM	0.183	2.177	2.693
5/4/2021 9:18 PM	0.179	2.154	2.665
5/4/2021 9:24 PM	0.184	2.236	2.635
5/4/2021 9:30 PM	0.14	2.174	2.593
5/4/2021 9:36 PM	0.15	1.906	2.61
5/4/2021 9:42 PM	0.145	1.743	2.637
5/4/2021 9:48 PM	0.123	1.769	2.622
5/4/2021 9:54 PM	0.138	1.771	2.628
5/4/2021 10:00 PM	0.107	1.771	2.632
5/4/2021 10:06 PM	0.123	1.759	2.6
5/4/2021 10:12 PM	0.148	1.601	2.472
5/4/2021 10:18 PM	0.165	1.416	2.393
5/4/2021 10:24 PM	0.141	1.385	2.404
5/4/2021 10:30 PM	0.116	1.338	2.409
5/4/2021 10:36 PM	0.1	1.277	2.402
5/4/2021 10:42 PM	0.056	1.229	2.398
5/4/2021 10:48 PM	0.041	1.208	2.401
5/4/2021 10:54 PM	0.047	1.208	2.414
5/4/2021 11:00 PM	0.059	1.077	2.426
5/4/2021 11:06 PM	0.051	1.063	2.427
5/4/2021 11:12 PM	0.039	1.094	2.427
5/4/2021 11:18 PM	0.026	1.087	2.462
5/4/2021 11:24 PM	0.028	1.085	2.538
5/4/2021 11:30 PM	0.026	1.059	2.607
5/4/2021 11:36 PM	-0.017	1.067	2.615
5/4/2021 11:42 PM	0.012	1.114	2.606
5/4/2021 11:48 PM	0.008	1.16	2.6
5/4/2021 11:54 PM	-0.009	1.164	2.58
5/5/2021 12:00 AM	-0.009	1.168	2.56
5/5/2021 12:06 AM	-0.008	1.168	2.581
5/5/2021 12:12 AM	-0.011	1.204	2.586
5/5/2021 12:18 AM	-0.013	1.236	2.63

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/5/2021 12:24 AM	-0.009	1.223	2.644
5/5/2021 12:30 AM	-0.012	1.17	2.635
5/5/2021 12:36 AM	0.007	1.179	2.635
5/5/2021 12:42 AM	0.011	1.221	2.654
5/5/2021 12:48 AM	-0.011	1.258	2.72
5/5/2021 12:54 AM	-0.024	1.309	2.752
5/5/2021 1:00 AM	-0.04	1.33	2.765
5/5/2021 1:06 AM	-0.038	1.332	2.768
5/5/2021 1:12 AM	-0.018	1.404	2.774
5/5/2021 1:18 AM	-0.023	1.442	2.762
5/5/2021 1:24 AM	-0.025	1.386	2.78
5/5/2021 1:30 AM	-0.026	1.36	2.767
5/5/2021 1:36 AM	-0.048	1.062	2.639
5/5/2021 1:42 AM	-0.034	0.765	2.518
5/5/2021 1:48 AM	-0.005	1.075	2.55
5/5/2021 1:54 AM	0.013	0.933	2.556
5/5/2021 2:00 AM	0.013	0.647	2.524
5/5/2021 2:06 AM	0.022	0.514	2.497
5/5/2021 2:12 AM	0.027	0.457	2.494
5/5/2021 2:18 AM	0.008	0.443	2.492
5/5/2021 2:24 AM	0.01	0.461	2.475
5/5/2021 2:30 AM	0.052	0.476	2.481
5/5/2021 2:36 AM	0.052	0.415	2.489
5/5/2021 2:42 AM	0.057	0.393	2.493
5/5/2021 2:48 AM	0.087	0.436	2.524
5/5/2021 2:54 AM	0.118	0.428	2.563
5/5/2021 3:00 AM	0.131	0.415	2.561
5/5/2021 3:06 AM	0.122	0.425	2.551
5/5/2021 3:12 AM	0.132	0.454	2.554
5/5/2021 3:18 AM	0.14	0.52	2.539
5/5/2021 3:24 AM	0.096	0.483	2.549
5/5/2021 3:30 AM	0.104	0.429	2.578
5/5/2021 3:36 AM	0.124	0.445	2.578
5/5/2021 3:42 AM	0.107	0.485	2.583
5/5/2021 3:48 AM	0.082	0.474	2.584
5/5/2021 3:54 AM	0.07	0.449	2.576
5/5/2021 4:00 AM	0.087	0.462	2.583
5/5/2021 4:06 AM	0.089	0.511	2.568
5/5/2021 4:12 AM	0.07	0.526	2.568
5/5/2021 4:18 AM	0.06	0.494	2.564
5/5/2021 4:24 AM	0.066	0.467	2.558
5/5/2021 4:30 AM	0.061	0.503	2.581
5/5/2021 4:36 AM	0.081	0.509	2.595
5/5/2021 4:42 AM	0.085	0.503	2.619
5/5/2021 4:48 AM	0.066	0.535	2.623
5/5/2021 4:54 AM	0.063	0.55	2.617
5/5/2021 5:00 AM	0.077	0.549	2.622
5/5/2021 5:06 AM	0.056	0.544	2.624
5/5/2021 5:12 AM	0.058	0.534	2.622
5/5/2021 5:18 AM	0.059	0.548	2.621
5/5/2021 5:24 AM	0.085	0.574	2.61
5/5/2021 5:30 AM	0.07	0.604	2.615
5/5/2021 5:36 AM	0.075	0.608	2.615
5/5/2021 5:42 AM	0.078	0.595	2.599

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/5/2021 5:48 AM	0.071	0.581	2.611
5/5/2021 5:54 AM	0.071	0.564	2.635
5/5/2021 6:00 AM	0.08	0.555	2.644
5/5/2021 6:06 AM	0.088	0.582	2.632
5/5/2021 6:12 AM	0.097	0.589	2.608
5/5/2021 6:18 AM	0.081	0.567	2.615
5/5/2021 6:24 AM	0.081	0.55	2.629
5/5/2021 6:30 AM	0.102	0.572	2.617
5/5/2021 6:36 AM	3.868	0.571	2.614
5/5/2021 6:42 AM	5.55	0.549	1.966
5/5/2021 6:48 AM	3.47	0.588	0.577
5/5/2021 6:54 AM	2.916	0.591	0.064
5/5/2021 7:00 AM	1.819	0.553	0.032
5/5/2021 7:06 AM	1.482	0.558	0.093
5/5/2021 7:12 AM	1.47	0.569	0.092
5/5/2021 7:18 AM	1.627	0.551	0.031
5/5/2021 7:24 AM	1.537	0.578	0.039
5/5/2021 7:30 AM	0.912	0.601	0.034
5/5/2021 7:36 AM	0.74	0.608	0.044
5/5/2021 7:42 AM	0.923	0.638	0.04
5/5/2021 7:48 AM	1.115	0.655	0.058
5/5/2021 7:54 AM	1.261	2.78	0.048
5/5/2021 8:00 AM	1.383	11.537	0.039
5/5/2021 8:06 AM	1.136	10.482	0.04
5/5/2021 8:12 AM	0.763	4.9	0.037
5/5/2021 8:18 AM	0.688	3.748	0.028
5/5/2021 8:24 AM	0.658	2.803	0.021
5/5/2021 8:30 AM	0.628	2.272	0.039
5/5/2021 8:36 AM	0.619	2.015	0.047
5/5/2021 8:42 AM	0.564	1.949	0.058
5/5/2021 8:48 AM	0.492	1.909	0.063
5/5/2021 8:54 AM	0.495	1.847	0.043
5/5/2021 9:00 AM	0.496	1.835	0.04
5/5/2021 9:06 AM	0.481	1.924	0.052
5/5/2021 9:12 AM	0.416	1.94	0.044
5/5/2021 9:18 AM	0.366	1.835	0.052
5/5/2021 9:24 AM	0.271	1.826	0.063
5/5/2021 9:30 AM	0.219	1.82	0.052
5/5/2021 9:36 AM	0.174	1.821	0.04
5/5/2021 9:42 AM	0.132	1.804	0.035
5/5/2021 9:48 AM	0.131	1.767	0.037
5/5/2021 9:54 AM	0.126	1.759	0.043
5/5/2021 10:00 AM	0.109	1.797	0.039
5/5/2021 10:06 AM	0.086	1.803	0.046
5/5/2021 10:12 AM	0.1	1.773	0.052
5/5/2021 10:18 AM	0.094	1.773	0.067
5/5/2021 10:24 AM	0.129	1.783	0.061
5/5/2021 10:30 AM	0.236	1.803	0.041
5/5/2021 10:36 AM	0.317	1.827	0.044
5/5/2021 10:42 AM	0.356	1.853	0.053
5/5/2021 10:48 AM	0.367	1.84	0.061
5/5/2021 10:54 AM	0.386	1.856	0.06
5/5/2021 11:00 AM	0.37	1.834	0.058
5/5/2021 11:06 AM	0.354	1.794	0.058

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/5/2021 11:12 AM	0.363	1.721	0.073
5/5/2021 11:18 AM	0.369	1.696	0.076
5/5/2021 11:24 AM	0.361	1.781	0.081
5/5/2021 11:30 AM	0.378	1.792	0.08
5/5/2021 11:36 AM	0.418	1.718	0.08
5/5/2021 11:42 AM	0.47	1.713	0.085
5/5/2021 11:48 AM	0.56	1.881	0.07
5/5/2021 11:54 AM	0.451	1.942	0.065
5/5/2021 12:00 PM	0.323	1.881	0.052
5/5/2021 12:06 PM	0.173	1.834	0.041
5/5/2021 12:12 PM	0.174	1.797	0.026
5/5/2021 12:18 PM	0.159	1.784	0.022
5/5/2021 12:24 PM	0.15	1.796	0.023
5/5/2021 12:30 PM	0.152	1.755	0.022
5/5/2021 12:36 PM	0.147	1.678	0.022
5/5/2021 12:42 PM	0.115	1.54	0.029
5/5/2021 12:48 PM	0.219	1.535	0.047
5/5/2021 12:54 PM	0.545	1.727	0.057
5/5/2021 1:00 PM	0.465	1.863	0.074
5/5/2021 1:06 PM	0.287	1.919	0.07
5/5/2021 1:12 PM	0.356	1.959	0.066
5/5/2021 1:18 PM	0.462	1.929	0.067
5/5/2021 1:24 PM	0.548	2.18	0.069
5/5/2021 1:30 PM	0.819	3.712	0.07
5/5/2021 1:36 PM	1.202	4.528	0.083
5/5/2021 1:42 PM	1.247	4.197	0.093
5/5/2021 1:48 PM	1.216	3.907	0.097
5/5/2021 1:54 PM	1.132	3.699	0.097
5/5/2021 2:00 PM	1.044	3.578	0.083
5/5/2021 2:06 PM	1.088	3.596	0.077
5/5/2021 2:12 PM	1.103	3.678	0.067
5/5/2021 2:18 PM	1.039	3.685	0.062
5/5/2021 2:24 PM	0.975	3.677	0.055
5/5/2021 2:30 PM	0.897	3.754	0.036
5/5/2021 2:36 PM	0.927	3.758	0.034
5/5/2021 2:42 PM	0.985	3.763	0.028
5/5/2021 2:48 PM	0.983	3.802	0.042
5/5/2021 2:54 PM	0.904	3.733	0.05
5/5/2021 3:00 PM	0.818	3.497	3.12
5/5/2021 3:06 PM	0.765	3.325	4.732
5/5/2021 3:12 PM	0.764	3.238	1.968
5/5/2021 3:18 PM	0.76	3.195	1.594
5/5/2021 3:24 PM	0.749	3.29	1.497
5/5/2021 3:30 PM	0.766	3.463	1.482
5/5/2021 3:36 PM	0.772	3.423	1.505
5/5/2021 3:42 PM	0.798	3.481	1.615
5/5/2021 3:48 PM	0.807	3.474	1.674
5/5/2021 3:54 PM	0.757	3.444	1.707
5/5/2021 4:00 PM	0.696	3.248	1.695
5/5/2021 4:06 PM	0.586	3.053	1.659
5/5/2021 4:12 PM	0.538	2.961	1.607
5/5/2021 4:18 PM	0.407	2.846	0.866
5/5/2021 4:24 PM	0.2	2.24	-0.066
5/5/2021 4:30 PM	0.199	1.54	-0.151

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/5/2021 4:36 PM	0.3	1.738	-0.115
5/5/2021 4:42 PM	0.365	1.879	-0.122
5/5/2021 4:48 PM	0.369	2.015	-0.117
5/5/2021 4:54 PM	0.351	2.071	-0.117
5/5/2021 5:00 PM	0.281	2.14	-0.125
5/5/2021 5:06 PM	0.177	2.148	-0.108
5/5/2021 5:12 PM	0.15	2.122	-0.097
5/5/2021 5:18 PM	0.153	2.103	-0.103
5/5/2021 5:24 PM	0.129	2.101	-0.076
5/5/2021 5:30 PM	0.101	2.118	-0.064
5/5/2021 5:36 PM	0.176	1.845	-0.043
5/5/2021 5:42 PM	0.419	1.549	-0.016
5/5/2021 5:48 PM	0.739	1.388	0.035
5/5/2021 5:54 PM	0.886	1.313	0.061
5/5/2021 6:00 PM	0.987	1.296	0.063
5/5/2021 6:06 PM	1.018	1.304	0.053
5/5/2021 6:12 PM	0.993	1.446	0.039
5/5/2021 6:18 PM	0.955	1.702	0.041
5/5/2021 6:24 PM	0.937	1.99	0.061
5/5/2021 6:30 PM	0.954	2.129	0.089
5/5/2021 6:36 PM	1	2.116	0.102
5/5/2021 6:42 PM	1.07	2.036	0.108
5/5/2021 6:48 PM	1.093	1.951	0.111
5/5/2021 6:54 PM	1.115	2.132	0.108
5/5/2021 7:00 PM	1.073	2.429	0.096
5/5/2021 7:06 PM	0.935	2.455	0.088
5/5/2021 7:12 PM	0.815	2.508	0.087
5/5/2021 7:18 PM	0.755	2.503	0.087
5/5/2021 7:24 PM	0.71	2.481	0.099
5/5/2021 7:30 PM	0.616	2.392	0.091
5/5/2021 7:36 PM	0.515	2.228	0.064
5/5/2021 7:42 PM	0.457	2.146	0.05
5/5/2021 7:48 PM	0.385	2.115	0.035
5/5/2021 7:54 PM	0.282	1.888	0.036
5/5/2021 8:00 PM	0.409	1.474	0.025
5/5/2021 8:06 PM	0.741	1.251	0.021
5/5/2021 8:12 PM	0.952	1.189	0.019
5/5/2021 8:18 PM	1.081	1.173	0.018
5/5/2021 8:24 PM	1.14	1.165	0.012
5/5/2021 8:30 PM	1.186	1.162	0.016
5/5/2021 8:36 PM	1.199	1.175	0.024
5/5/2021 8:42 PM	1.188	1.173	0.014
5/5/2021 8:48 PM	1.164	1.221	0.018
5/5/2021 8:54 PM	1.165	1.317	0.019
5/5/2021 9:00 PM	1.152	1.485	0.032
5/5/2021 9:06 PM	1.149	1.596	0.021
5/5/2021 9:12 PM	1.107	1.579	0.021
5/5/2021 9:18 PM	1.044	1.22	0.028
5/5/2021 9:24 PM	0.663	1.063	0.027
5/5/2021 9:30 PM	0.257	1.147	0.027
5/5/2021 9:36 PM	0.144	1.349	0.033
5/5/2021 9:42 PM	0.085	1.383	0.03
5/5/2021 9:48 PM	0.102	1.433	0.032
5/5/2021 9:54 PM	0.126	1.524	0.027

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/5/2021 10:00 PM	0.106	1.462	0.03
5/5/2021 10:06 PM	0.106	1.356	0.041
5/5/2021 10:12 PM	0.095	1.358	0.043
5/5/2021 10:18 PM	0.057	1.373	0.043
5/5/2021 10:24 PM	0.038	1.397	0.05
5/5/2021 10:30 PM	0.035	1.407	0.055
5/5/2021 10:36 PM	0.031	1.425	0.053
5/5/2021 10:42 PM	0.019	1.41	0.061
5/5/2021 10:48 PM	0.027	1.416	0.068
5/5/2021 10:54 PM	0.041	1.385	0.075
5/5/2021 11:00 PM	0.049	1.353	0.078
5/5/2021 11:06 PM	0.059	1.371	0.09
5/5/2021 11:12 PM	0.069	1.394	0.088
5/5/2021 11:18 PM	0.095	1.429	0.091
5/5/2021 11:24 PM	0.141	1.416	0.106
5/5/2021 11:30 PM	0.168	1.542	0.098
5/5/2021 11:36 PM	0.111	1.674	0.096
5/5/2021 11:42 PM	0.118	1.539	0.1
5/5/2021 11:48 PM	0.147	1.472	0.104
5/5/2021 11:54 PM	0.117	1.466	0.113
5/6/2021 12:00 AM	0.134	1.532	0.128
5/6/2021 12:06 AM	0.347	1.003	0.125
5/6/2021 12:12 AM	0.486	0.831	0.131
5/6/2021 12:18 AM	0.499	0.929	0.133
5/6/2021 12:24 AM	0.498	0.673	0.135
5/6/2021 12:30 AM	0.452	0.558	0.143
5/6/2021 12:36 AM	0.346	0.5	0.143
5/6/2021 12:42 AM	0.256	0.478	0.134
5/6/2021 12:48 AM	0.189	0.452	0.147
5/6/2021 12:54 AM	0.126	0.443	0.155
5/6/2021 1:00 AM	0.085	0.41	0.159
5/6/2021 1:06 AM	0.092	0.372	0.17
5/6/2021 1:12 AM	0.104	0.354	0.175
5/6/2021 1:18 AM	0.089	0.334	0.17
5/6/2021 1:24 AM	0.029	0.369	0.17
5/6/2021 1:30 AM	0.015	0.381	0.173
5/6/2021 1:36 AM	0.027	0.363	0.188
5/6/2021 1:42 AM	0.046	0.342	0.188
5/6/2021 1:48 AM	0.036	0.336	0.186
5/6/2021 1:54 AM	0.031	0.312	0.189
5/6/2021 2:00 AM	0.032	0.282	0.195
5/6/2021 2:06 AM	0.088	0.308	0.186
5/6/2021 2:12 AM	0.112	0.312	0.185
5/6/2021 2:18 AM	0.105	0.331	0.198
5/6/2021 2:24 AM	0.131	0.329	0.206
5/6/2021 2:30 AM	0.14	0.323	0.213
5/6/2021 2:36 AM	0.143	0.338	0.216
5/6/2021 2:42 AM	0.141	0.333	0.208
5/6/2021 2:48 AM	0.113	0.327	0.209
5/6/2021 2:54 AM	0.122	0.299	0.213
5/6/2021 3:00 AM	0.168	0.283	0.211
5/6/2021 3:06 AM	0.19	0.261	0.212
5/6/2021 3:12 AM	0.191	0.27	0.212
5/6/2021 3:18 AM	0.167	0.268	0.218

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/6/2021 3:24 AM	0.168	0.255	0.212
5/6/2021 3:30 AM	0.189	0.241	0.211
5/6/2021 3:36 AM	0.207	0.233	0.226
5/6/2021 3:42 AM	0.256	0.24	0.225
5/6/2021 3:48 AM	0.241	0.242	0.223
5/6/2021 3:54 AM	0.184	0.268	0.226
5/6/2021 4:00 AM	0.179	0.269	0.228
5/6/2021 4:06 AM	0.232	0.258	0.234
5/6/2021 4:12 AM	0.265	0.285	0.236
5/6/2021 4:18 AM	0.261	0.261	0.235
5/6/2021 4:24 AM	0.17	0.274	0.242
5/6/2021 4:30 AM	-0.022	0.313	0.242
5/6/2021 4:36 AM	-0.099	0.317	0.237
5/6/2021 4:42 AM	-0.046	0.318	0.245
5/6/2021 4:48 AM	0.003	0.302	0.25
5/6/2021 4:54 AM	0.034	0.318	0.273
5/6/2021 5:00 AM	0.018	0.346	0.278
5/6/2021 5:06 AM	-0.038	0.332	0.273
5/6/2021 5:12 AM	-0.074	0.289	0.26
5/6/2021 5:18 AM	-0.065	0.317	0.243
5/6/2021 5:24 AM	-0.06	0.352	0.269
5/6/2021 5:30 AM	-0.028	0.346	0.364
5/6/2021 5:36 AM	-0.02	0.331	0.402
5/6/2021 5:42 AM	-0.039	0.321	0.362
5/6/2021 5:48 AM	-0.047	0.326	0.252
5/6/2021 5:54 AM	-0.052	0.332	0.379
5/6/2021 6:00 AM	-0.065	0.323	0.508
5/6/2021 6:06 AM	-0.062	0.307	0.403
5/6/2021 6:12 AM	-0.064	0.241	0.225
5/6/2021 6:18 AM	0.033	0.237	0.188
5/6/2021 6:24 AM	0.143	0.25	0.17
5/6/2021 6:30 AM	0.135	0.241	0.157
5/6/2021 6:36 AM	0.164	0.244	0.154
5/6/2021 6:42 AM	0.333	0.251	0.144
5/6/2021 6:48 AM	0.479	0.264	0.133
5/6/2021 6:54 AM	0.594	0.218	0.139
5/6/2021 7:00 AM	0.655	0.21	0.144
5/6/2021 7:06 AM	<Samp	<Samp	<Samp
5/6/2021 7:12 AM	---	---	---
5/6/2021 7:18 AM	Zero	Zero	Zero
5/6/2021 7:24 AM	Calib	Calib	Calib
5/6/2021 7:30 AM	Calib	11.845	0.252
5/6/2021 7:36 AM	0.4	9.44	0.253
5/6/2021 7:42 AM	0.5	4.159	0.239
5/6/2021 7:48 AM	0.5	3.605	0.232
5/6/2021 7:54 AM	0.5	3.084	0.236
5/6/2021 8:00 AM	0.4	2.5	0.241
5/6/2021 8:06 AM	0.4	2.178	0.246
5/6/2021 8:12 AM	0.4	2.043	0.251
5/6/2021 8:18 AM	0.3	1.858	0.255
5/6/2021 8:24 AM	0.3	1.777	0.267
5/6/2021 8:30 AM	0.3	1.752	0.286
5/6/2021 8:36 AM	0.3	1.654	0.303
5/6/2021 8:42 AM	0.3	1.654	0.31

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/6/2021 8:48 AM	0.4	1.665	0.312
5/6/2021 8:54 AM	0.4	1.631	0.322
5/6/2021 9:00 AM	0.4	1.623	0.335
5/6/2021 9:06 AM	0.4	1.624	0.353
5/6/2021 9:12 AM	0.4	1.636	0.375
5/6/2021 9:18 AM	0.4	1.621	0.393
5/6/2021 9:24 AM	0.4	1.541	0.406
5/6/2021 9:30 AM	0.4	1.572	0.447
5/6/2021 9:36 AM	0.3	1.677	0.463
5/6/2021 9:42 AM	0.4	1.69	0.433
5/6/2021 9:48 AM	0.4	1.657	0.425
5/6/2021 9:54 AM	0.3	1.637	0.428
5/6/2021 10:00 AM	0.4	1.614	0.423
5/6/2021 10:06 AM	0.4	1.624	0.409
5/6/2021 10:12 AM	0.3	1.631	0.406
5/6/2021 10:18 AM	0.3	1.603	0.416
5/6/2021 10:24 AM	0.3	1.613	0.42
5/6/2021 10:30 AM	0.3	1.62	0.414
5/6/2021 10:36 AM	0.3	1.584	0.413
5/6/2021 10:42 AM	0.4	1.56	0.417
5/6/2021 10:48 AM	0.3	1.527	0.421
5/6/2021 10:54 AM	0.4	1.561	0.422
5/6/2021 11:00 AM	0.4	1.556	0.428
5/6/2021 11:06 AM	0.3	1.508	0.429
5/6/2021 11:12 AM	0.4	1.486	0.421
5/6/2021 11:18 AM	0.7	1.429	0.413
5/6/2021 11:24 AM	Maintain	1.418	0.415
5/6/2021 11:30 AM	Maintain	<Samp	<Samp
5/6/2021 11:36 AM	Maintain	Maintain	Maintain
5/6/2021 11:42 AM	Maintain	<Samp	<Samp
5/6/2021 11:48 AM	Maintain	1.448	0.423
5/6/2021 11:54 AM	1.1	1.435	0.421
5/6/2021 12:00 PM	Calib	1.455	0.424
5/6/2021 12:06 PM	Calib	1.52	0.439
5/6/2021 12:12 PM	Calib	1.542	0.44
5/6/2021 12:18 PM	0.861	1.574	0.44
5/6/2021 12:24 PM	0.863	1.637	0.44
5/6/2021 12:30 PM	0.867	1.647	0.444
5/6/2021 12:36 PM	0.94	1.583	0.447
5/6/2021 12:42 PM	1.074	1.513	0.446
5/6/2021 12:48 PM	1.179	1.503	0.445
5/6/2021 12:54 PM	1.266	1.484	0.444
5/6/2021 1:00 PM	1.311	1.475	0.441
5/6/2021 1:06 PM	1.291	1.457	0.43
5/6/2021 1:12 PM	1.291	1.391	0.427
5/6/2021 1:18 PM	1.263	1.374	0.433
5/6/2021 1:24 PM	1.242	1.46	0.441
5/6/2021 1:30 PM	1.254	1.52	0.449
5/6/2021 1:36 PM	1.269	1.485	0.456
5/6/2021 1:42 PM	1.286	1.466	0.464
5/6/2021 1:48 PM	1.269	1.439	0.463
5/6/2021 1:54 PM	1.222	1.395	0.459
5/6/2021 2:00 PM	1.192	1.39	0.46
5/6/2021 2:06 PM	1.211	1.407	0.461

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/6/2021 2:12 PM	1.192	1.371	0.461
5/6/2021 2:18 PM	1.172	1.293	0.459
5/6/2021 2:24 PM	1.149	1.304	0.457
5/6/2021 2:30 PM	1.137	1.333	0.46
5/6/2021 2:36 PM	1.144	1.352	0.467
5/6/2021 2:42 PM	1.187	1.404	0.469
5/6/2021 2:48 PM	1.26	1.452	0.465
5/6/2021 2:54 PM	1.262	1.43	0.462
5/6/2021 3:00 PM	1.24	1.419	0.455
5/6/2021 3:06 PM	1.214	1.404	0.452
5/6/2021 3:12 PM	1.203	1.382	0.46
5/6/2021 3:18 PM	1.219	1.285	0.465
5/6/2021 3:24 PM	1.206	1.242	0.465
5/6/2021 3:30 PM	1.227	1.22	0.466
5/6/2021 3:36 PM	1.283	1.19	0.466
5/6/2021 3:42 PM	1.29	1.184	0.464
5/6/2021 3:48 PM	1.242	1.199	0.464
5/6/2021 3:54 PM	1.219	1.296	0.471
5/6/2021 4:00 PM	1.251	1.28	0.476
5/6/2021 4:06 PM	1.278	1.233	0.474
5/6/2021 4:12 PM	1.249	1.252	0.47
5/6/2021 4:18 PM	1.228	1.265	0.468
5/6/2021 4:24 PM	1.221	1.246	0.469
5/6/2021 4:30 PM	1.198	1.152	0.474
5/6/2021 4:36 PM	1.139	1.146	0.477
5/6/2021 4:42 PM	1.149	1.221	0.484
5/6/2021 4:48 PM	1.183	1.222	0.491
5/6/2021 4:54 PM	1.19	1.225	0.495
5/6/2021 5:00 PM	1.173	1.236	0.495
5/6/2021 5:06 PM	1.18	1.214	0.497
5/6/2021 5:12 PM	1.155	1.217	0.499
5/6/2021 5:18 PM	1.12	1.231	0.497
5/6/2021 5:24 PM	1.108	1.203	0.495
5/6/2021 5:30 PM	1.133	1.141	0.497
5/6/2021 5:36 PM	1.132	1.123	0.5
5/6/2021 5:42 PM	1.133	1.104	0.505
5/6/2021 5:48 PM	1.128	1.15	0.509
5/6/2021 5:54 PM	1.099	1.192	0.509
5/6/2021 6:00 PM	1.104	1.218	0.507
5/6/2021 6:06 PM	1.094	1.271	0.505
5/6/2021 6:12 PM	1.08	1.246	0.504
5/6/2021 6:18 PM	1.098	1.248	0.507
5/6/2021 6:24 PM	1.143	1.234	0.511
5/6/2021 6:30 PM	1.159	1.248	0.513
5/6/2021 6:36 PM	1.173	1.231	0.518
5/6/2021 6:42 PM	1.204	1.188	0.517
5/6/2021 6:48 PM	1.193	1.188	0.515
5/6/2021 6:54 PM	1.166	1.155	0.515
5/6/2021 7:00 PM	1.175	1.146	0.516
5/6/2021 7:06 PM	1.204	1.136	0.518
5/6/2021 7:12 PM	1.191	1.15	0.517
5/6/2021 7:18 PM	1.194	1.278	0.515
5/6/2021 7:24 PM	1.188	1.23	0.515
5/6/2021 7:30 PM	1.172	1.079	0.52

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/6/2021 7:36 PM	1.172	1.094	0.522
5/6/2021 7:42 PM	1.152	1.129	0.524
5/6/2021 7:48 PM	1.126	1.133	0.527
5/6/2021 7:54 PM	1.134	1.161	0.524
5/6/2021 8:00 PM	1.152	1.13	0.518
5/6/2021 8:06 PM	1.126	1.142	0.513
5/6/2021 8:12 PM	1.08	1.236	0.509
5/6/2021 8:18 PM	1.054	1.243	0.506
5/6/2021 8:24 PM	1.05	1.171	0.504
5/6/2021 8:30 PM	1.042	1.179	0.501
5/6/2021 8:36 PM	1.04	1.185	0.501
5/6/2021 8:42 PM	1.05	1.175	0.506
5/6/2021 8:48 PM	1.088	1.19	0.51
5/6/2021 8:54 PM	1.061	1.135	0.513
5/6/2021 9:00 PM	1.045	1.168	0.515
5/6/2021 9:06 PM	1.107	1.259	0.517
5/6/2021 9:12 PM	1.112	1.269	0.515
5/6/2021 9:18 PM	1.094	1.255	0.516
5/6/2021 9:24 PM	1.096	1.254	0.519
5/6/2021 9:30 PM	1.173	1.241	0.522
5/6/2021 9:36 PM	1.18	1.218	0.523
5/6/2021 9:42 PM	1.1	1.212	0.524
5/6/2021 9:48 PM	1.084	1.175	0.526
5/6/2021 9:54 PM	1.07	1.135	0.527
5/6/2021 10:00 PM	1.011	1.153	0.53
5/6/2021 10:06 PM	0.993	1.244	0.533
5/6/2021 10:12 PM	0.995	1.268	0.535
5/6/2021 10:18 PM	1.004	1.233	0.537
5/6/2021 10:24 PM	1.029	1.195	0.538
5/6/2021 10:30 PM	1.062	1.171	0.542
5/6/2021 10:36 PM	1.058	1.154	0.541
5/6/2021 10:42 PM	1.038	1.183	0.539
5/6/2021 10:48 PM	1.005	1.178	0.535
5/6/2021 10:54 PM	1.001	1.184	0.529
5/6/2021 11:00 PM	1.011	1.18	0.526
5/6/2021 11:06 PM	1.016	1.209	0.523
5/6/2021 11:12 PM	1.045	1.244	0.521
5/6/2021 11:18 PM	1.035	1.259	0.518
5/6/2021 11:24 PM	0.998	1.228	0.517
5/6/2021 11:30 PM	0.984	1.178	0.514
5/6/2021 11:36 PM	0.977	1.162	0.513
5/6/2021 11:42 PM	1.002	1.159	0.52
5/6/2021 11:48 PM	1.063	1.189	0.529
5/6/2021 11:54 PM	1.087	1.169	0.531
5/7/2021 12:00 AM	1.1	1.094	0.538
5/7/2021 12:06 AM	0.887	2.046	0.54
5/7/2021 12:12 AM	0.157	2.655	0.534
5/7/2021 12:18 AM	-0.33	2.07	0.529
5/7/2021 12:24 AM	-0.447	1.909	0.527
5/7/2021 12:30 AM	-0.47	1.829	0.526
5/7/2021 12:36 AM	-0.438	1.81	0.526
5/7/2021 12:42 AM	-0.461	1.852	0.523
5/7/2021 12:48 AM	-0.513	1.938	0.516
5/7/2021 12:54 AM	-0.514	1.926	0.512

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/7/2021 1:00 AM	-0.491	1.847	0.509
5/7/2021 1:06 AM	-0.484	1.858	0.506
5/7/2021 1:12 AM	-0.445	1.903	0.507
5/7/2021 1:18 AM	-0.405	1.92	0.509
5/7/2021 1:24 AM	-0.389	1.935	0.509
5/7/2021 1:30 AM	-0.369	1.92	0.51
5/7/2021 1:36 AM	-0.32	1.919	0.512
5/7/2021 1:42 AM	-0.271	1.881	0.512
5/7/2021 1:48 AM	-0.296	1.863	0.513
5/7/2021 1:54 AM	-0.307	1.884	0.513
5/7/2021 2:00 AM	-0.283	1.966	0.513
5/7/2021 2:06 AM	-0.234	2.181	0.514
5/7/2021 2:12 AM	-0.213	2.269	0.521
5/7/2021 2:18 AM	-0.198	2.338	0.524
5/7/2021 2:24 AM	-0.185	2.36	0.523
5/7/2021 2:30 AM	-0.204	2.264	0.523
5/7/2021 2:36 AM	-0.186	2.236	0.523
5/7/2021 2:42 AM	-0.206	2.245	0.524
5/7/2021 2:48 AM	-0.234	2.192	0.523
5/7/2021 2:54 AM	-0.224	1.977	0.521
5/7/2021 3:00 AM	-0.189	1.737	0.518
5/7/2021 3:06 AM	-0.188	1.654	0.513
5/7/2021 3:12 AM	-0.216	1.559	0.513
5/7/2021 3:18 AM	-0.219	1.334	0.513
5/7/2021 3:24 AM	-0.179	1.191	0.516
5/7/2021 3:30 AM	-0.156	1.192	0.522
5/7/2021 3:36 AM	-0.126	1.163	0.532
5/7/2021 3:42 AM	-0.123	1.167	0.538
5/7/2021 3:48 AM	-0.158	1.25	0.537
5/7/2021 3:54 AM	-0.183	1.334	0.536
5/7/2021 4:00 AM	-0.147	1.38	0.531
5/7/2021 4:06 AM	-0.124	1.455	0.53
5/7/2021 4:12 AM	-0.13	1.431	0.532
5/7/2021 4:18 AM	-0.164	1.385	0.531
5/7/2021 4:24 AM	-0.167	1.54	0.534
5/7/2021 4:30 AM	-0.155	1.474	0.54
5/7/2021 4:36 AM	-0.129	1.39	0.539
5/7/2021 4:42 AM	-0.145	1.39	0.537
5/7/2021 4:48 AM	-0.13	1.439	0.536
5/7/2021 4:54 AM	-0.111	1.523	0.538
5/7/2021 5:00 AM	-0.132	1.499	0.539
5/7/2021 5:06 AM	-0.125	1.453	0.539
5/7/2021 5:12 AM	-0.093	1.456	0.541
5/7/2021 5:18 AM	-0.079	1.527	0.544
5/7/2021 5:24 AM	-0.119	1.59	0.547
5/7/2021 5:30 AM	-0.107	1.663	0.551
5/7/2021 5:36 AM	-0.094	1.697	0.555
5/7/2021 5:42 AM	-0.077	1.715	0.558
5/7/2021 5:48 AM	-0.066	1.785	0.558
5/7/2021 5:54 AM	-0.041	1.853	0.554
5/7/2021 6:00 AM	-0.017	1.776	0.548
5/7/2021 6:06 AM	-0.035	1.755	0.545
5/7/2021 6:12 AM	-0.056	1.758	0.54
5/7/2021 6:18 AM	-0.087	1.736	0.535

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/7/2021 6:24 AM	-0.077	1.743	0.527
5/7/2021 6:30 AM	-0.045	1.755	0.522
5/7/2021 6:36 AM	-0.032	1.714	0.513
5/7/2021 6:42 AM	-0.03	1.712	0.503
5/7/2021 6:48 AM	-0.005	1.768	0.483
5/7/2021 6:54 AM	0.012	1.809	0.472
5/7/2021 7:00 AM	0.032	1.85	0.463
5/7/2021 7:06 AM	0.06	1.84	0.455
5/7/2021 7:12 AM	0.075	1.836	0.451
5/7/2021 7:18 AM	0.089	1.828	0.448
5/7/2021 7:24 AM	0.116	1.822	0.448
5/7/2021 7:30 AM	1.358	1.852	0.448
5/7/2021 7:36 AM	3.168	1.83	0.445
5/7/2021 7:42 AM	2.544	1.785	0.448
5/7/2021 7:48 AM	1.838	1.76	0.452
5/7/2021 7:54 AM	1.843	1.748	0.463
5/7/2021 8:00 AM	1.926	1.68	0.473
5/7/2021 8:06 AM	1.938	1.661	0.481
5/7/2021 8:12 AM	1.918	1.742	0.489
5/7/2021 8:18 AM	1.867	1.673	0.488
5/7/2021 8:24 AM	1.793	1.547	0.481
5/7/2021 8:30 AM	1.648	1.48	0.47
5/7/2021 8:36 AM	1.47	1.454	0.47
5/7/2021 8:42 AM	1.328	1.484	0.476
5/7/2021 8:48 AM	1.135	1.502	0.486
5/7/2021 8:54 AM	0.935	1.577	0.495
5/7/2021 9:00 AM	0.808	1.557	0.51
5/7/2021 9:06 AM	0.747	1.479	0.508
5/7/2021 9:12 AM	0.808	1.479	0.509
5/7/2021 9:18 AM	0.988	1.439	0.519
5/7/2021 9:24 AM	1.06	1.423	0.521
5/7/2021 9:30 AM	1.105	1.436	0.523
5/7/2021 9:36 AM	1.108	1.483	0.518
5/7/2021 9:42 AM	1.139	1.576	0.508
5/7/2021 9:48 AM	0.706	1.18	0.504
5/7/2021 9:54 AM	0.28	0.576	0.501
5/7/2021 10:00 AM	0.427	0.563	0.495
5/7/2021 10:06 AM	0.583	0.612	0.488
5/7/2021 10:12 AM	0.729	0.644	0.483
5/7/2021 10:18 AM	0.829	0.692	0.479
5/7/2021 10:24 AM	0.865	0.634	0.478
5/7/2021 10:30 AM	0.887	0.544	0.48
5/7/2021 10:36 AM	0.893	0.504	0.484
5/7/2021 10:42 AM	0.891	0.488	0.488
5/7/2021 10:48 AM	0.947	0.434	0.493
5/7/2021 10:54 AM	1.027	0.397	0.495
5/7/2021 11:00 AM	0.993	0.42	0.491
5/7/2021 11:06 AM	0.942	4.642	0.484
5/7/2021 11:12 AM	0.956	5.991	0.483
5/7/2021 11:18 AM	1.097	2.356	0.485
5/7/2021 11:24 AM	0.896	1.969	0.481
5/7/2021 11:30 AM	0.566	1.779	0.476
5/7/2021 11:36 AM	0.488	1.676	0.469
5/7/2021 11:42 AM	0.448	1.622	0.461

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/7/2021 11:48 AM	0.469	1.54	0.461
5/7/2021 11:54 AM	0.482	1.471	0.469
5/7/2021 12:00 PM	0.494	1.467	0.491
5/7/2021 12:06 PM	0.686	1.637	0.547
5/7/2021 12:12 PM	0.795	1.625	0.548
5/7/2021 12:18 PM	0.912	1.534	0.551
5/7/2021 12:24 PM	0.97	1.496	0.55
5/7/2021 12:30 PM	0.972	1.448	0.543
5/7/2021 12:36 PM	0.962	1.362	0.539
5/7/2021 12:42 PM	1.051	1.273	0.541
5/7/2021 12:48 PM	1.144	1.307	1.485
5/7/2021 12:54 PM	1.167	1.221	8.221
5/7/2021 1:00 PM	1.119	0.688	8.882
5/7/2021 1:06 PM	1.105	0.221	4.013
5/7/2021 1:12 PM	1.127	0.202	2.803
5/7/2021 1:18 PM	1.146	0.226	2.569
5/7/2021 1:24 PM	1.158	0.284	2.53
5/7/2021 1:30 PM	1.186	0.278	2.562
5/7/2021 1:36 PM	1.179	0.233	2.55
5/7/2021 1:42 PM	1.14	0.208	2.518
5/7/2021 1:48 PM	1.125	0.22	2.546
5/7/2021 1:54 PM	1.084	0.208	2.593
5/7/2021 2:00 PM	1.068	0.245	2.591
5/7/2021 2:06 PM	1.047	0.214	2.563
5/7/2021 2:12 PM	1.054	0.229	2.589
5/7/2021 2:18 PM	1.092	0.207	2.631
5/7/2021 2:24 PM	1.108	0.225	2.588
5/7/2021 2:30 PM	1.128	0.228	2.549
5/7/2021 2:36 PM	1.156	0.213	2.51
5/7/2021 2:42 PM	1.189	0.256	2.471
5/7/2021 2:48 PM	1.226	5.078	2.153
5/7/2021 2:54 PM	1.255	6.83	0.848
5/7/2021 3:00 PM	1.282	2.513	-0.007
5/7/2021 3:06 PM	1.245	1.956	0.028
5/7/2021 3:12 PM	1.216	1.811	0.067
5/7/2021 3:18 PM	1.211	1.717	0.059
5/7/2021 3:24 PM	1.2	1.694	0.056
5/7/2021 3:30 PM	1.177	1.671	0.079
5/7/2021 3:36 PM	1.213	1.644	0.076
5/7/2021 3:42 PM	1.288	1.629	0.072
5/7/2021 3:48 PM	1.293	1.614	0.087
5/7/2021 3:54 PM	1.249	1.621	0.09
5/7/2021 4:00 PM	1.198	1.56	0.088
5/7/2021 4:06 PM	1.19	1.533	0.085
5/7/2021 4:12 PM	1.157	1.555	0.069
5/7/2021 4:18 PM	1.123	1.569	0.057
5/7/2021 4:24 PM	1.078	1.561	0.065
5/7/2021 4:30 PM	1.036	1.554	0.076
5/7/2021 4:36 PM	1.04	1.563	0.075
5/7/2021 4:42 PM	1.028	1.512	0.071
5/7/2021 4:48 PM	0.969	1.511	0.094
5/7/2021 4:54 PM	0.953	1.573	0.097
5/7/2021 5:00 PM	0.957	1.635	0.107
5/7/2021 5:06 PM	0.947	1.646	0.108

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/7/2021 5:12 PM	0.991	1.656	0.107
5/7/2021 5:18 PM	1.061	1.658	0.106
5/7/2021 5:24 PM	1.039	1.702	0.09
5/7/2021 5:30 PM	1.031	1.734	0.099
5/7/2021 5:36 PM	1.08	1.695	0.095
5/7/2021 5:42 PM	1.063	1.68	0.101
5/7/2021 5:48 PM	1.032	1.754	0.105
5/7/2021 5:54 PM	1.051	1.664	0.103
5/7/2021 6:00 PM	1.003	1.56	0.118
5/7/2021 6:06 PM	0.944	1.571	0.118
5/7/2021 6:12 PM	0.899	1.562	0.111
5/7/2021 6:18 PM	0.882	1.508	0.122
5/7/2021 6:24 PM	0.932	1.482	0.114
5/7/2021 6:30 PM	0.975	1.462	0.121
5/7/2021 6:36 PM	0.997	1.43	0.124
5/7/2021 6:42 PM	1.004	1.401	0.102
5/7/2021 6:48 PM	1.052	1.371	0.105
5/7/2021 6:54 PM	1.039	1.407	0.114
5/7/2021 7:00 PM	0.993	1.407	0.113
5/7/2021 7:06 PM	0.966	1.403	0.121
5/7/2021 7:12 PM	0.927	1.404	0.122
5/7/2021 7:18 PM	0.871	1.42	0.122
5/7/2021 7:24 PM	0.862	1.434	0.133
5/7/2021 7:30 PM	0.842	1.454	0.147
5/7/2021 7:36 PM	0.846	1.385	0.138
5/7/2021 7:42 PM	0.868	1.357	0.133
5/7/2021 7:48 PM	0.86	1.408	0.134
5/7/2021 7:54 PM	0.84	1.414	0.141
5/7/2021 8:00 PM	0.801	1.408	0.147
5/7/2021 8:06 PM	0.762	1.387	0.149
5/7/2021 8:12 PM	0.772	1.39	0.145
5/7/2021 8:18 PM	0.816	1.396	0.148
5/7/2021 8:24 PM	0.835	1.403	0.149
5/7/2021 8:30 PM	0.822	1.399	0.141
5/7/2021 8:36 PM	0.822	1.417	0.143
5/7/2021 8:42 PM	0.827	1.393	0.139
5/7/2021 8:48 PM	0.823	1.352	0.131
5/7/2021 8:54 PM	0.75	1.299	0.128
5/7/2021 9:00 PM	0.672	1.269	0.126
5/7/2021 9:06 PM	0.631	1.296	0.135
5/7/2021 9:12 PM	0.622	1.389	0.148
5/7/2021 9:18 PM	0.671	1.429	0.141
5/7/2021 9:24 PM	0.667	1.369	0.14
5/7/2021 9:30 PM	0.649	1.383	0.138
5/7/2021 9:36 PM	0.656	1.41	0.141
5/7/2021 9:42 PM	0.649	1.425	0.15
5/7/2021 9:48 PM	0.643	1.447	0.148
5/7/2021 9:54 PM	0.678	1.401	0.146
5/7/2021 10:00 PM	0.763	1.363	0.135
5/7/2021 10:06 PM	0.816	1.362	0.137
5/7/2021 10:12 PM	0.844	1.351	0.149
5/7/2021 10:18 PM	0.846	1.394	0.155
5/7/2021 10:24 PM	0.879	1.432	0.147
5/7/2021 10:30 PM	0.833	1.379	0.146

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/7/2021 10:36 PM	0.764	1.362	0.137
5/7/2021 10:42 PM	0.707	1.382	0.136
5/7/2021 10:48 PM	0.665	1.402	0.143
5/7/2021 10:54 PM	0.697	1.383	0.15
5/7/2021 11:00 PM	0.701	1.389	0.16
5/7/2021 11:06 PM	0.64	1.448	0.154
5/7/2021 11:12 PM	0.648	1.458	0.155
5/7/2021 11:18 PM	0.727	1.388	0.151
5/7/2021 11:24 PM	0.724	1.338	0.146
5/7/2021 11:30 PM	0.883	1.197	0.162
5/7/2021 11:36 PM	0.93	0.854	0.165
5/7/2021 11:42 PM	0.724	0.567	0.151
5/7/2021 11:48 PM	0.528	0.533	0.148
5/7/2021 11:54 PM	0.361	0.519	0.159
5/8/2021 12:00 AM	0.289	0.492	0.159
5/8/2021 12:06 AM	0.238	0.437	0.154
5/8/2021 12:12 AM	0.257	0.392	0.148
5/8/2021 12:18 AM	0.309	0.369	0.153
5/8/2021 12:24 AM	0.392	0.342	0.163
5/8/2021 12:30 AM	0.479	0.287	0.165
5/8/2021 12:36 AM	0.543	0.321	0.165
5/8/2021 12:42 AM	0.601	0.324	0.17
5/8/2021 12:48 AM	0.62	0.269	0.175
5/8/2021 12:54 AM	0.636	0.203	0.177
5/8/2021 1:00 AM	0.582	0.215	0.182
5/8/2021 1:06 AM	0.511	0.226	0.193
5/8/2021 1:12 AM	0.534	0.231	0.2
5/8/2021 1:18 AM	0.573	0.223	0.216
5/8/2021 1:24 AM	0.545	0.238	0.217
5/8/2021 1:30 AM	0.481	0.243	0.22
5/8/2021 1:36 AM	0.458	0.248	0.226
5/8/2021 1:42 AM	0.457	0.28	0.227
5/8/2021 1:48 AM	0.446	0.266	0.245
5/8/2021 1:54 AM	0.452	0.249	0.253
5/8/2021 2:00 AM	0.467	0.23	0.253
5/8/2021 2:06 AM	0.451	0.245	0.258
5/8/2021 2:12 AM	0.423	0.262	0.263
5/8/2021 2:18 AM	0.411	0.264	0.272
5/8/2021 2:24 AM	0.413	0.282	0.277
5/8/2021 2:30 AM	0.397	0.277	0.281
5/8/2021 2:36 AM	0.351	0.248	0.282
5/8/2021 2:42 AM	0.328	0.22	0.279
5/8/2021 2:48 AM	0.329	0.225	0.284
5/8/2021 2:54 AM	0.316	0.195	0.291
5/8/2021 3:00 AM	0.281	0.198	0.291
5/8/2021 3:06 AM	0.314	0.197	0.284
5/8/2021 3:12 AM	0.312	0.155	0.289
5/8/2021 3:18 AM	0.268	0.209	0.288
5/8/2021 3:24 AM	0.297	0.246	0.298
5/8/2021 3:30 AM	0.318	0.256	0.309
5/8/2021 3:36 AM	0.348	0.284	0.303
5/8/2021 3:42 AM	0.354	0.284	0.298
5/8/2021 3:48 AM	0.38	0.264	0.298
5/8/2021 3:54 AM	0.332	0.263	0.302

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021

0:00

End of Report: 6/30/2021

23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/8/2021 4:00 AM	0.311	0.242	0.307
5/8/2021 4:06 AM	0.331	0.287	0.308
5/8/2021 4:12 AM	0.348	0.335	0.314
5/8/2021 4:18 AM	0.34	0.349	0.317
5/8/2021 4:24 AM	0.313	0.348	0.319
5/8/2021 4:30 AM	0.322	0.305	0.321
5/8/2021 4:36 AM	0.33	0.303	0.318
5/8/2021 4:42 AM	0.304	0.291	0.319
5/8/2021 4:48 AM	0.332	0.299	0.324
5/8/2021 4:54 AM	0.112	0.32	0.324
5/8/2021 5:00 AM	-0.088	0.314	0.331
5/8/2021 5:06 AM	-0.024	0.356	0.338
5/8/2021 5:12 AM	0.044	0.387	0.344
5/8/2021 5:18 AM	0.068	0.385	0.342
5/8/2021 5:24 AM	0.068	0.363	0.336
5/8/2021 5:30 AM	0.081	0.354	0.329
5/8/2021 5:36 AM	0.061	0.373	0.325
5/8/2021 5:42 AM	0.036	0.391	0.329
5/8/2021 5:48 AM	-0.003	0.356	0.332
5/8/2021 5:54 AM	-0.006	0.348	0.331
5/8/2021 6:00 AM	0.016	0.372	0.331
5/8/2021 6:06 AM	-0.005	0.377	0.329
5/8/2021 6:12 AM	-0.007	0.388	0.33
5/8/2021 6:18 AM	-0.015	0.333	0.332
5/8/2021 6:24 AM	-0.027	0.307	0.329
5/8/2021 6:30 AM	-0.043	0.315	0.33
5/8/2021 6:36 AM	-0.044	0.318	0.332
5/8/2021 6:42 AM	-0.006	0.353	0.33
5/8/2021 6:48 AM	0.014	0.367	0.329
5/8/2021 6:54 AM	0.039	0.362	0.335
5/8/2021 7:00 AM	0.045	0.375	0.339
5/8/2021 7:06 AM	0.084	0.359	0.336
5/8/2021 7:12 AM	0.123	0.367	0.331
5/8/2021 7:18 AM	0.093	0.421	0.336
5/8/2021 7:24 AM	0.097	0.39	0.34
5/8/2021 7:30 AM	0.103	0.392	0.348
5/8/2021 7:36 AM	0.113	0.422	0.356
5/8/2021 7:42 AM	0.217	0.433	0.359
5/8/2021 7:48 AM	0.507	0.445	0.362
5/8/2021 7:54 AM	0.556	0.442	0.368
5/8/2021 8:00 AM	0.565	0.464	0.375
5/8/2021 8:06 AM	0.67	0.45	0.378
5/8/2021 8:12 AM	0.811	0.438	0.389
5/8/2021 8:18 AM	0.842	0.42	0.406
5/8/2021 8:24 AM	0.864	0.44	0.421
5/8/2021 8:30 AM	0.837	0.48	0.429
5/8/2021 8:36 AM	0.8	0.447	0.44
5/8/2021 8:42 AM	0.78	0.441	0.438
5/8/2021 8:48 AM	0.649	7.395	0.428
5/8/2021 8:54 AM	0.241	10.802	0.419
5/8/2021 9:00 AM	-0.056	4.841	0.413
5/8/2021 9:06 AM	-0.108	3.829	0.412
5/8/2021 9:12 AM	-0.125	3.893	0.41
5/8/2021 9:18 AM	-0.167	3.762	0.408

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/8/2021 9:24 AM	-0.173	3.442	0.413
5/8/2021 9:30 AM	-0.172	2.824	0.417
5/8/2021 9:36 AM	-0.158	2.303	0.41
5/8/2021 9:42 AM	-0.145	2.041	0.398
5/8/2021 9:48 AM	-0.109	1.898	0.399
5/8/2021 9:54 AM	-0.047	1.84	0.397
5/8/2021 10:00 AM	-0.056	1.813	0.389
5/8/2021 10:06 AM	-0.113	1.866	0.38
5/8/2021 10:12 AM	-0.017	1.879	0.375
5/8/2021 10:18 AM	0.158	1.791	0.375
5/8/2021 10:24 AM	0.299	1.81	0.368
5/8/2021 10:30 AM	0.369	1.872	0.371
5/8/2021 10:36 AM	0.442	1.84	0.378
5/8/2021 10:42 AM	0.496	1.86	0.383
5/8/2021 10:48 AM	0.525	1.866	0.388
5/8/2021 10:54 AM	0.518	1.936	0.395
5/8/2021 11:00 AM	0.486	1.977	0.388
5/8/2021 11:06 AM	0.502	1.843	0.377
5/8/2021 11:12 AM	0.542	1.73	0.375
5/8/2021 11:18 AM	0.528	1.759	0.373
5/8/2021 11:24 AM	0.512	1.809	0.38
5/8/2021 11:30 AM	0.55	1.812	0.392
5/8/2021 11:36 AM	0.584	1.816	0.395
5/8/2021 11:42 AM	0.571	1.852	0.398
5/8/2021 11:48 AM	0.576	1.857	0.401
5/8/2021 11:54 AM	0.547	1.864	0.409
5/8/2021 12:00 PM	0.572	1.836	0.406
5/8/2021 12:06 PM	0.798	1.7	0.382
5/8/2021 12:12 PM	0.856	1.704	0.388
5/8/2021 12:18 PM	0.93	1.661	0.388
5/8/2021 12:24 PM	0.926	1.603	0.385
5/8/2021 12:30 PM	0.84	1.6	0.393
5/8/2021 12:36 PM	0.796	1.594	0.393
5/8/2021 12:42 PM	0.784	1.611	0.386
5/8/2021 12:48 PM	0.723	1.611	0.382
5/8/2021 12:54 PM	0.67	1.593	0.377
5/8/2021 1:00 PM	0.62	1.598	0.37
5/8/2021 1:06 PM	0.575	1.564	0.364
5/8/2021 1:12 PM	0.543	1.544	0.358
5/8/2021 1:18 PM	0.539	1.567	0.356
5/8/2021 1:24 PM	0.551	1.568	0.352
5/8/2021 1:30 PM	0.55	1.57	0.355
5/8/2021 1:36 PM	0.568	1.602	0.363
5/8/2021 1:42 PM	0.585	1.797	0.367
5/8/2021 1:48 PM	0.612	1.859	0.371
5/8/2021 1:54 PM	0.614	1.714	0.373
5/8/2021 2:00 PM	0.576	1.659	0.38
5/8/2021 2:06 PM	0.578	1.615	0.389
5/8/2021 2:12 PM	0.652	1.568	0.396
5/8/2021 2:18 PM	0.709	1.546	0.396
5/8/2021 2:24 PM	0.726	1.569	0.389
5/8/2021 2:30 PM	0.669	1.652	0.386
5/8/2021 2:36 PM	0.57	1.655	0.389
5/8/2021 2:42 PM	0.546	1.591	0.39

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/8/2021 2:48 PM	0.536	1.592	0.39
5/8/2021 2:54 PM	0.562	1.584	0.391
5/8/2021 3:00 PM	0.575	1.601	0.395
5/8/2021 3:06 PM	0.576	1.56	0.394
5/8/2021 3:12 PM	0.584	1.513	0.395
5/8/2021 3:18 PM	0.562	1.566	0.395
5/8/2021 3:24 PM	0.578	1.593	0.393
5/8/2021 3:30 PM	0.602	1.588	0.394
5/8/2021 3:36 PM	0.645	1.606	0.396
5/8/2021 3:42 PM	0.67	1.607	0.4
5/8/2021 3:48 PM	0.644	1.622	0.406
5/8/2021 3:54 PM	0.637	1.658	0.411
5/8/2021 4:00 PM	0.633	1.623	0.422
5/8/2021 4:06 PM	0.647	1.628	0.439
5/8/2021 4:12 PM	0.648	1.622	0.456
5/8/2021 4:18 PM	0.617	1.583	0.464
5/8/2021 4:24 PM	0.593	1.643	0.461
5/8/2021 4:30 PM	0.651	1.591	0.457
5/8/2021 4:36 PM	0.74	1.407	0.45
5/8/2021 4:42 PM	0.813	1.339	0.439
5/8/2021 4:48 PM	0.891	1.314	0.435
5/8/2021 4:54 PM	0.895	1.258	0.436
5/8/2021 5:00 PM	0.904	1.203	0.436
5/8/2021 5:06 PM	0.958	1.136	0.437
5/8/2021 5:12 PM	0.943	1.186	0.435
5/8/2021 5:18 PM	0.941	1.193	0.439
5/8/2021 5:24 PM	0.933	1.199	0.446
5/8/2021 5:30 PM	0.969	1.241	0.45
5/8/2021 5:36 PM	0.984	1.167	0.451
5/8/2021 5:42 PM	0.959	1.094	0.453
5/8/2021 5:48 PM	0.943	1.142	0.459
5/8/2021 5:54 PM	0.925	1.199	0.461
5/8/2021 6:00 PM	0.94	1.171	0.459
5/8/2021 6:06 PM	0.956	1.113	0.456
5/8/2021 6:12 PM	0.943	1.118	0.459
5/8/2021 6:18 PM	0.956	1.115	0.463
5/8/2021 6:24 PM	1.003	1.153	0.471
5/8/2021 6:30 PM	1.094	1.224	0.48
5/8/2021 6:36 PM	1.08	1.252	0.475
5/8/2021 6:42 PM	1.004	1.245	0.472
5/8/2021 6:48 PM	1.043	1.28	0.473
5/8/2021 6:54 PM	1.073	1.271	0.472
5/8/2021 7:00 PM	1.09	1.243	0.475
5/8/2021 7:06 PM	1.099	1.217	0.482
5/8/2021 7:12 PM	1.096	1.278	0.49
5/8/2021 7:18 PM	1.072	1.274	0.493
5/8/2021 7:24 PM	1.024	1.201	0.494
5/8/2021 7:30 PM	1.014	1.158	0.489
5/8/2021 7:36 PM	0.999	1.167	0.481
5/8/2021 7:42 PM	1.01	1.37	0.477
5/8/2021 7:48 PM	1.053	1.443	0.475
5/8/2021 7:54 PM	1.046	1.306	0.474
5/8/2021 8:00 PM	1.014	1.284	0.468
5/8/2021 8:06 PM	0.972	1.31	0.471

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/8/2021 8:12 PM	0.952	1.268	0.473
5/8/2021 8:18 PM	0.948	1.262	0.477
5/8/2021 8:24 PM	0.946	1.339	0.48
5/8/2021 8:30 PM	0.982	1.353	0.482
5/8/2021 8:36 PM	1.015	1.297	0.48
5/8/2021 8:42 PM	1.018	1.265	0.483
5/8/2021 8:48 PM	1.021	1.29	0.491
5/8/2021 8:54 PM	1.015	1.352	0.493
5/8/2021 9:00 PM	1.043	1.411	0.496
5/8/2021 9:06 PM	1.065	1.404	0.497
5/8/2021 9:12 PM	1.065	1.36	0.499
5/8/2021 9:18 PM	1.049	1.356	0.499
5/8/2021 9:24 PM	1.023	1.413	0.497
5/8/2021 9:30 PM	0.96	1.373	0.499
5/8/2021 9:36 PM	0.965	1.344	0.498
5/8/2021 9:42 PM	0.985	1.36	0.493
5/8/2021 9:48 PM	0.956	1.339	0.492
5/8/2021 9:54 PM	0.926	1.26	0.494
5/8/2021 10:00 PM	0.91	1.232	0.496
5/8/2021 10:06 PM	0.87	1.179	0.502
5/8/2021 10:12 PM	0.846	1.173	0.507
5/8/2021 10:18 PM	0.857	1.157	0.505
5/8/2021 10:24 PM	0.878	1.159	0.505
5/8/2021 10:30 PM	0.882	1.232	0.505
5/8/2021 10:36 PM	0.939	1.232	0.509
5/8/2021 10:42 PM	0.982	1.259	0.514
5/8/2021 10:48 PM	0.979	1.247	0.518
5/8/2021 10:54 PM	0.945	1.213	0.522
5/8/2021 11:00 PM	0.888	1.223	0.522
5/8/2021 11:06 PM	0.862	1.213	0.522
5/8/2021 11:12 PM	0.872	1.198	0.526
5/8/2021 11:18 PM	0.874	1.192	0.53
5/8/2021 11:24 PM	0.866	1.214	0.533
5/8/2021 11:30 PM	0.74	1.605	0.532
5/8/2021 11:36 PM	0.238	2.307	0.53
5/8/2021 11:42 PM	-0.246	2.227	0.528
5/8/2021 11:48 PM	-0.575	2.052	0.527
5/8/2021 11:54 PM	-0.651	1.954	0.526
5/9/2021 12:00 AM	-0.67	1.861	0.529
5/9/2021 12:06 AM	-0.691	1.844	0.533
5/9/2021 12:12 AM	-0.63	1.822	0.537
5/9/2021 12:18 AM	-0.569	1.842	0.536
5/9/2021 12:24 AM	-0.574	1.876	0.535
5/9/2021 12:30 AM	-0.559	1.848	0.531
5/9/2021 12:36 AM	-0.545	1.827	0.529
5/9/2021 12:42 AM	-0.482	1.814	0.526
5/9/2021 12:48 AM	-0.451	1.816	0.526
5/9/2021 12:54 AM	-0.434	1.849	0.528
5/9/2021 1:00 AM	-0.402	1.863	0.534
5/9/2021 1:06 AM	-0.389	1.904	0.537
5/9/2021 1:12 AM	-0.392	1.924	0.537
5/9/2021 1:18 AM	-0.38	1.859	0.535
5/9/2021 1:24 AM	-0.369	1.81	0.54
5/9/2021 1:30 AM	-0.349	1.805	0.546

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/9/2021 1:36 AM	-0.308	1.851	0.544
5/9/2021 1:42 AM	-0.311	1.808	0.543
5/9/2021 1:48 AM	-0.3	1.831	0.549
5/9/2021 1:54 AM	-0.266	1.854	0.55
5/9/2021 2:00 AM	-0.215	1.854	0.55
5/9/2021 2:06 AM	-0.208	1.833	0.55
5/9/2021 2:12 AM	-0.202	1.807	0.552
5/9/2021 2:18 AM	-0.205	1.8	0.553
5/9/2021 2:24 AM	-0.199	1.781	0.551
5/9/2021 2:30 AM	-0.201	1.81	0.55
5/9/2021 2:36 AM	-0.17	1.87	0.548
5/9/2021 2:42 AM	-0.178	1.871	0.546
5/9/2021 2:48 AM	-0.178	1.837	0.546
5/9/2021 2:54 AM	-0.178	1.824	0.544
5/9/2021 3:00 AM	-0.183	1.817	0.538
5/9/2021 3:06 AM	-0.164	1.788	0.541
5/9/2021 3:12 AM	-0.132	1.828	0.542
5/9/2021 3:18 AM	-0.125	1.876	0.539
5/9/2021 3:24 AM	-0.13	1.838	0.539
5/9/2021 3:30 AM	-0.138	1.78	0.542
5/9/2021 3:36 AM	-0.107	1.77	0.546
5/9/2021 3:42 AM	-0.056	1.833	0.544
5/9/2021 3:48 AM	-0.052	1.896	0.539
5/9/2021 3:54 AM	-0.081	1.871	0.537
5/9/2021 4:00 AM	-0.085	1.858	0.541
5/9/2021 4:06 AM	-0.068	1.839	0.55
5/9/2021 4:12 AM	-0.055	1.835	0.555
5/9/2021 4:18 AM	-0.03	1.859	0.556
5/9/2021 4:24 AM	-0.002	1.837	0.56
5/9/2021 4:30 AM	-0.008	1.808	0.559
5/9/2021 4:36 AM	-0.01	1.784	0.56
5/9/2021 4:42 AM	-0.003	1.84	0.559
5/9/2021 4:48 AM	0.021	1.879	0.559
5/9/2021 4:54 AM	0.023	1.833	0.556
5/9/2021 5:00 AM	0.015	1.805	0.55
5/9/2021 5:06 AM	0.05	1.809	0.548
5/9/2021 5:12 AM	0.064	1.88	0.549
5/9/2021 5:18 AM	0.045	1.944	0.554
5/9/2021 5:24 AM	0.028	1.967	0.556
5/9/2021 5:30 AM	0.033	1.989	0.551
5/9/2021 5:36 AM	0.056	1.981	0.542
5/9/2021 5:42 AM	0.068	1.957	0.538
5/9/2021 5:48 AM	0.09	1.933	0.536
5/9/2021 5:54 AM	0.121	1.93	0.538
5/9/2021 6:00 AM	0.113	1.985	0.536
5/9/2021 6:06 AM	0.111	2.055	0.521
5/9/2021 6:12 AM	0.133	2.087	0.511
5/9/2021 6:18 AM	0.133	2.118	0.512
5/9/2021 6:24 AM	0.13	2.117	0.509
5/9/2021 6:30 AM	0.124	2.093	0.496
5/9/2021 6:36 AM	0.133	2.099	0.485
5/9/2021 6:42 AM	0.134	2.122	0.477
5/9/2021 6:48 AM	0.161	2.16	0.469
5/9/2021 6:54 AM	0.146	2.21	0.462

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/9/2021 7:00 AM	0.16	2.237	0.446
5/9/2021 7:06 AM	0.19	2.276	0.425
5/9/2021 7:12 AM	0.232	2.194	0.413
5/9/2021 7:18 AM	0.228	2.117	0.413
5/9/2021 7:24 AM	0.242	2.161	0.415
5/9/2021 7:30 AM	0.291	2.194	0.412
5/9/2021 7:36 AM	0.33	2.123	0.414
5/9/2021 7:42 AM	0.381	2.113	0.417
5/9/2021 7:48 AM	0.383	2.139	0.411
5/9/2021 7:54 AM	0.39	2.211	0.406
5/9/2021 8:00 AM	0.409	2.31	0.403
5/9/2021 8:06 AM	0.435	2.624	0.401
5/9/2021 8:12 AM	0.458	2.874	0.405
5/9/2021 8:18 AM	0.45	2.878	0.41
5/9/2021 8:24 AM	0.454	2.708	0.415
5/9/2021 8:30 AM	0.468	2.393	0.417
5/9/2021 8:36 AM	0.414	2.338	0.413
5/9/2021 8:42 AM	0.352	2.245	0.41
5/9/2021 8:48 AM	0.299	3.042	0.407
5/9/2021 8:54 AM	0.223	3.854	0.402
5/9/2021 9:00 AM	0.17	3.395	0.398
5/9/2021 9:06 AM	0.14	3.294	0.404
5/9/2021 9:12 AM	0.168	3.212	0.42
5/9/2021 9:18 AM	2.896	2.99	0.438
5/9/2021 9:24 AM	2.4	2.028	0.452
5/9/2021 9:30 AM	2.15	1.441	0.456
5/9/2021 9:36 AM	2.065	1.497	0.458
5/9/2021 9:42 AM	2.049	1.526	0.459
5/9/2021 9:48 AM	2.011	1.585	0.456
5/9/2021 9:54 AM	1.942	1.641	0.453
5/9/2021 10:00 AM	1.838	1.671	0.45
5/9/2021 10:06 AM	1.747	1.586	0.445
5/9/2021 10:12 AM	1.564	1.359	0.44
5/9/2021 10:18 AM	1.305	1.276	0.438
5/9/2021 10:24 AM	1.112	1.224	0.438
5/9/2021 10:30 AM	1.054	1.196	0.433
5/9/2021 10:36 AM	1.224	1.254	0.426
5/9/2021 10:42 AM	1.419	1.315	0.426
5/9/2021 10:48 AM	1.496	1.323	0.427
5/9/2021 10:54 AM	1.532	1.389	0.431
5/9/2021 11:00 AM	1.529	1.386	0.441
5/9/2021 11:06 AM	1.481	1.354	0.446
5/9/2021 11:12 AM	1.337	1.407	0.448
5/9/2021 11:18 AM	1.184	1.455	0.446
5/9/2021 11:24 AM	0.991	1.442	0.44
5/9/2021 11:30 AM	0.775	1.44	0.436
5/9/2021 11:36 AM	0.705	1.472	0.436
5/9/2021 11:42 AM	0.743	1.504	0.436
5/9/2021 11:48 AM	0.733	1.55	0.439
5/9/2021 11:54 AM	0.731	1.539	0.441
5/9/2021 12:00 PM	0.649	1.502	0.432
5/9/2021 12:06 PM	0.516	1.552	0.415
5/9/2021 12:12 PM	0.533	1.554	0.42
5/9/2021 12:18 PM	0.524	1.574	0.425

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/9/2021 12:24 PM	0.496	1.594	0.425
5/9/2021 12:30 PM	0.563	1.573	0.424
5/9/2021 12:36 PM	0.602	1.583	0.424
5/9/2021 12:42 PM	0.619	1.61	0.425
5/9/2021 12:48 PM	0.7	1.619	0.424
5/9/2021 12:54 PM	0.746	1.639	5.891
5/9/2021 1:00 PM	0.797	1.694	6.541
5/9/2021 1:06 PM	0.835	1.724	1.048
5/9/2021 1:12 PM	0.856	1.72	0.697
5/9/2021 1:18 PM	0.887	1.726	0.544
5/9/2021 1:24 PM	0.891	1.726	0.462
5/9/2021 1:30 PM	0.865	1.736	0.42
5/9/2021 1:36 PM	0.877	1.739	0.398
5/9/2021 1:42 PM	0.911	1.683	0.39
5/9/2021 1:48 PM	0.92	1.641	0.384
5/9/2021 1:54 PM	0.883	1.625	0.384
5/9/2021 2:00 PM	0.897	1.599	0.387
5/9/2021 2:06 PM	0.902	1.576	0.392
5/9/2021 2:12 PM	0.905	1.52	0.392
5/9/2021 2:18 PM	0.909	1.563	0.392
5/9/2021 2:24 PM	0.963	1.583	0.396
5/9/2021 2:30 PM	1.012	1.592	0.406
5/9/2021 2:36 PM	1.002	1.565	0.414
5/9/2021 2:42 PM	0.955	1.54	0.421
5/9/2021 2:48 PM	0.918	1.548	0.433
5/9/2021 2:54 PM	0.884	1.497	0.453
5/9/2021 3:00 PM	0.804	1.36	0.472
5/9/2021 3:06 PM	0.762	1.195	0.492
5/9/2021 3:12 PM	0.759	1.124	0.507
5/9/2021 3:18 PM	0.74	1.127	0.511
5/9/2021 3:24 PM	0.655	1.166	0.503
5/9/2021 3:30 PM	0.661	1.204	0.484
5/9/2021 3:36 PM	0.639	1.219	0.466
5/9/2021 3:42 PM	0.554	1.21	0.458
5/9/2021 3:48 PM	0.532	1.191	0.453
5/9/2021 3:54 PM	0.508	1.192	0.446
5/9/2021 4:00 PM	0.49	1.202	0.444
5/9/2021 4:06 PM	0.467	1.235	0.444
5/9/2021 4:12 PM	0.479	1.261	0.449
5/9/2021 4:18 PM	0.579	1.213	0.445
5/9/2021 4:24 PM	0.614	1.182	0.439
5/9/2021 4:30 PM	0.634	1.17	0.439
5/9/2021 4:36 PM	0.601	1.218	0.447
5/9/2021 4:42 PM	0.57	1.249	0.456
5/9/2021 4:48 PM	0.532	1.219	0.464
5/9/2021 4:54 PM	0.54	1.23	0.462
5/9/2021 5:00 PM	0.572	1.179	0.471
5/9/2021 5:06 PM	0.56	1.184	0.484
5/9/2021 5:12 PM	0.541	1.185	0.493
5/9/2021 5:18 PM	0.541	1.088	0.503
5/9/2021 5:24 PM	0.852	1.073	0.514
5/9/2021 5:30 PM	1.223	1.149	0.53
5/9/2021 5:36 PM	1.035	1.211	0.544
5/9/2021 5:42 PM	0.829	1.333	0.549

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/9/2021 5:48 PM	0.778	1.398	0.54
5/9/2021 5:54 PM	0.716	1.389	0.536
5/9/2021 6:00 PM	0.75	1.676	0.532
5/9/2021 6:06 PM	0.914	2.037	0.528
5/9/2021 6:12 PM	0.989	2.006	0.53
5/9/2021 6:18 PM	0.991	2.101	0.533
5/9/2021 6:24 PM	0.849	2.571	0.537
5/9/2021 6:30 PM	0.734	2.531	0.543
5/9/2021 6:36 PM	0.821	2.504	0.549
5/9/2021 6:42 PM	1.55	3.492	0.552
5/9/2021 6:48 PM	1.9	4.541	0.553
5/9/2021 6:54 PM	1.425	4.266	0.553
5/9/2021 7:00 PM	1.284	4.042	0.547
5/9/2021 7:06 PM	1.198	3.838	0.546
5/9/2021 7:12 PM	1.194	3.926	0.549
5/9/2021 7:18 PM	1.147	4.046	0.551
5/9/2021 7:24 PM	1.069	3.984	0.554
5/9/2021 7:30 PM	0.989	3.941	0.553
5/9/2021 7:36 PM	0.986	4.062	0.557
5/9/2021 7:42 PM	0.99	4.1	0.56
5/9/2021 7:48 PM	0.899	3.988	0.558
5/9/2021 7:54 PM	0.826	3.979	0.56
5/9/2021 8:00 PM	0.78	3.896	0.568
5/9/2021 8:06 PM	0.817	3.883	0.57
5/9/2021 8:12 PM	0.817	3.86	0.564
5/9/2021 8:18 PM	0.837	3.858	0.563
5/9/2021 8:24 PM	0.831	3.881	0.565
5/9/2021 8:30 PM	0.737	3.958	0.563
5/9/2021 8:36 PM	0.74	3.896	0.562
5/9/2021 8:42 PM	0.719	3.866	0.558
5/9/2021 8:48 PM	0.643	3.798	0.549
5/9/2021 8:54 PM	0.71	3.689	0.548
5/9/2021 9:00 PM	0.717	3.72	0.544
5/9/2021 9:06 PM	0.694	3.765	0.544
5/9/2021 9:12 PM	0.77	3.769	0.546
5/9/2021 9:18 PM	0.757	3.774	0.546
5/9/2021 9:24 PM	0.655	3.74	0.545
5/9/2021 9:30 PM	0.624	3.765	0.546
5/9/2021 9:36 PM	0.607	3.828	0.543
5/9/2021 9:42 PM	0.583	3.895	0.54
5/9/2021 9:48 PM	0.573	3.932	0.537
5/9/2021 9:54 PM	0.577	3.972	0.526
5/9/2021 10:00 PM	0.544	3.98	0.52
5/9/2021 10:06 PM	0.555	3.968	0.517
5/9/2021 10:12 PM	0.599	4.105	0.527
5/9/2021 10:18 PM	0.608	4.023	0.536
5/9/2021 10:24 PM	0.578	3.844	0.537
5/9/2021 10:30 PM	0.573	3.774	0.545
5/9/2021 10:36 PM	0.581	3.777	0.555
5/9/2021 10:42 PM	0.574	3.827	0.564
5/9/2021 10:48 PM	0.56	3.824	0.572
5/9/2021 10:54 PM	0.506	3.824	0.574
5/9/2021 11:00 PM	0.446	3.87	0.566
5/9/2021 11:06 PM	0.447	3.964	0.565

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/9/2021 11:12 PM	0.471	4.119	0.563
5/9/2021 11:18 PM	0.48	4.188	0.56
5/9/2021 11:24 PM	0.322	3.747	0.559
5/9/2021 11:30 PM	-0.027	2.549	0.565
5/9/2021 11:36 PM	-0.152	1.994	0.578
5/9/2021 11:42 PM	-0.049	2.114	0.584
5/9/2021 11:48 PM	-0.103	2.15	0.581
5/9/2021 11:54 PM	-0.28	1.855	0.58
5/10/2021 12:00 AM	-0.147	1.63	0.582
5/10/2021 12:06 AM	0.011	1.61	0.579
5/10/2021 12:12 AM	0.07	1.561	0.577
5/10/2021 12:18 AM	0.102	1.522	0.568
5/10/2021 12:24 AM	0.143	1.49	0.562
5/10/2021 12:30 AM	0.156	1.421	0.566
5/10/2021 12:36 AM	0.142	1.406	0.571
5/10/2021 12:42 AM	0.135	1.421	0.579
5/10/2021 12:48 AM	0.123	1.411	0.574
5/10/2021 12:54 AM	0.094	1.409	0.566
5/10/2021 1:00 AM	0.067	1.37	0.564
5/10/2021 1:06 AM	0.031	1.399	0.567
5/10/2021 1:12 AM	0.012	1.456	0.566
5/10/2021 1:18 AM	-0.019	1.392	0.567
5/10/2021 1:24 AM	-0.038	1.399	0.567
5/10/2021 1:30 AM	-0.047	1.396	0.566
5/10/2021 1:36 AM	-0.097	1.369	0.568
5/10/2021 1:42 AM	-0.11	1.351	0.564
5/10/2021 1:48 AM	-0.119	1.369	0.564
5/10/2021 1:54 AM	-0.033	1.332	0.559
5/10/2021 2:00 AM	0.335	1.004	0.555
5/10/2021 2:06 AM	0.462	0.593	0.558
5/10/2021 2:12 AM	0.434	0.565	0.554
5/10/2021 2:18 AM	0.43	0.575	0.542
5/10/2021 2:24 AM	0.403	0.585	0.53
5/10/2021 2:30 AM	0.412	0.59	0.531
5/10/2021 2:36 AM	0.431	0.496	0.53
5/10/2021 2:42 AM	0.432	0.445	0.531
5/10/2021 2:48 AM	0.417	0.482	0.534
5/10/2021 2:54 AM	0.39	0.477	0.534
5/10/2021 3:00 AM	0.402	0.437	0.531
5/10/2021 3:06 AM	0.402	0.383	0.531
5/10/2021 3:12 AM	0.454	0.344	0.532
5/10/2021 3:18 AM	0.445	0.34	0.533
5/10/2021 3:24 AM	0.39	0.351	0.538
5/10/2021 3:30 AM	0.338	0.401	0.556
5/10/2021 3:36 AM	0.331	0.477	0.569
5/10/2021 3:42 AM	0.396	0.437	0.573
5/10/2021 3:48 AM	0.38	0.404	0.573
5/10/2021 3:54 AM	0.315	0.436	0.569
5/10/2021 4:00 AM	0.325	0.431	0.572
5/10/2021 4:06 AM	0.308	0.382	0.584
5/10/2021 4:12 AM	0.312	0.34	0.589
5/10/2021 4:18 AM	0.318	0.451	0.598
5/10/2021 4:24 AM	0.281	0.477	0.607
5/10/2021 4:30 AM	0.288	0.463	0.609

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/10/2021 4:36 AM	0.32	0.468	0.61
5/10/2021 4:42 AM	0.34	0.391	0.609
5/10/2021 4:48 AM	0.316	0.38	0.612
5/10/2021 4:54 AM	0.323	0.407	0.61
5/10/2021 5:00 AM	0.377	0.424	0.604
5/10/2021 5:06 AM	0.319	0.4	0.595
5/10/2021 5:12 AM	0.267	0.344	0.583
5/10/2021 5:18 AM	0.28	0.314	0.568
5/10/2021 5:24 AM	0.245	0.261	0.563
5/10/2021 5:30 AM	0.229	0.23	0.562
5/10/2021 5:36 AM	0.241	0.247	0.557
5/10/2021 5:42 AM	0.276	0.273	0.547
5/10/2021 5:48 AM	0.313	0.232	0.544
5/10/2021 5:54 AM	0.314	0.228	0.542
5/10/2021 6:00 AM	0.324	0.229	0.537
5/10/2021 6:06 AM	0.336	0.267	0.532
5/10/2021 6:12 AM	0.35	0.282	0.526
5/10/2021 6:18 AM	0.297	0.26	0.514
5/10/2021 6:24 AM	0.241	0.216	0.503
5/10/2021 6:30 AM	0.256	0.213	0.497
5/10/2021 6:36 AM	0.253	0.195	0.492
5/10/2021 6:42 AM	0.276	0.142	0.493
5/10/2021 6:48 AM	0.294	0.19	0.499
5/10/2021 6:54 AM	0.325	0.242	0.505
5/10/2021 7:00 AM	0.338	0.22	0.513
5/10/2021 7:06 AM	0.387	0.209	0.513
5/10/2021 7:12 AM	0.386	0.211	0.513
5/10/2021 7:18 AM	0.348	0.242	0.515
5/10/2021 7:24 AM	0.296	0.23	0.517
5/10/2021 7:30 AM	0.176	0.214	0.521
5/10/2021 7:36 AM	0.081	0.223	0.512
5/10/2021 7:42 AM	0.058	0.17	0.498
5/10/2021 7:48 AM	0.065	0.119	0.489
5/10/2021 7:54 AM	0.056	0.116	0.489
5/10/2021 8:00 AM	0.063	0.143	0.495
5/10/2021 8:06 AM	0.14	0.15	0.497
5/10/2021 8:12 AM	0.248	0.183	0.5
5/10/2021 8:18 AM	0.336	0.169	0.496
5/10/2021 8:24 AM	0.375	0.181	0.488
5/10/2021 8:30 AM	0.409	0.167	0.482
5/10/2021 8:36 AM	0.428	0.162	0.488
5/10/2021 8:42 AM	0.439	0.141	0.496
5/10/2021 8:48 AM	0.431	0.133	0.49
5/10/2021 8:54 AM	0.429	0.15	0.479
5/10/2021 9:00 AM	0.393	0.186	0.469
5/10/2021 9:06 AM	0.346	0.181	0.46
5/10/2021 9:12 AM	0.353	0.116	0.458
5/10/2021 9:18 AM	0.37	0.102	0.466
5/10/2021 9:24 AM	0.403	0.168	0.477
5/10/2021 9:30 AM	0.414	0.214	0.482
5/10/2021 9:36 AM	0.375	0.218	0.476
5/10/2021 9:42 AM	0.393	0.187	0.471
5/10/2021 9:48 AM	0.404	0.175	0.473
5/10/2021 9:54 AM	0.378	0.158	0.478

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/10/2021 10:00 AM	0.379	0.145	0.489
5/10/2021 10:06 AM	0.394	0.156	0.498
5/10/2021 10:12 AM	0.409	0.159	0.485
5/10/2021 10:18 AM	0.41	0.159	0.466
5/10/2021 10:24 AM	0.367	0.151	0.458
5/10/2021 10:30 AM	0.313	0.181	0.458
5/10/2021 10:36 AM	0.331	0.2	0.454
5/10/2021 10:42 AM	0.363	0.201	0.444
5/10/2021 10:48 AM	0.345	0.197	0.433
5/10/2021 10:54 AM	0.348	0.225	0.43
5/10/2021 11:00 AM	0.37	0.269	0.432
5/10/2021 11:06 AM	0.371	0.269	0.429
5/10/2021 11:12 AM	0.36	0.23	0.429
5/10/2021 11:18 AM	0.351	0.249	0.431
5/10/2021 11:24 AM	0.366	0.205	0.431
5/10/2021 11:30 AM	0.365	0.181	0.431
5/10/2021 11:36 AM	0.371	0.191	0.44
5/10/2021 11:42 AM	0.389	0.215	0.444
5/10/2021 11:48 AM	0.382	0.221	0.447
5/10/2021 11:54 AM	0.384	0.271	0.448
5/10/2021 12:00 PM	0.387	0.252	0.432
5/10/2021 12:06 PM	0.376	0.135	0.382
5/10/2021 12:12 PM	0.355	0.107	0.378
5/10/2021 12:18 PM	0.339	0.117	0.366
5/10/2021 12:24 PM	0.316	4.985	0.355
5/10/2021 12:30 PM	0.313	7.435	0.349
5/10/2021 12:36 PM	0.339	1.478	0.355
5/10/2021 12:42 PM	0.35	0.389	0.371
5/10/2021 12:48 PM	0.361	0.282	0.398
5/10/2021 12:54 PM	0.37	0.291	0.419
5/10/2021 1:00 PM	0.376	0.275	0.427
5/10/2021 1:06 PM	0.373	0.214	0.421
5/10/2021 1:12 PM	0.35	0.216	0.417
5/10/2021 1:18 PM	0.346	0.227	0.419
5/10/2021 1:24 PM	0.346	0.245	0.417
5/10/2021 1:30 PM	0.323	0.236	0.413
5/10/2021 1:36 PM	0.301	0.229	0.41
5/10/2021 1:42 PM	0.414	0.238	0.411
5/10/2021 1:48 PM	0.644	0.26	0.415
5/10/2021 1:54 PM	0.846	0.247	0.419
5/10/2021 2:00 PM	0.984	0.24	0.415
5/10/2021 2:06 PM	1.033	0.236	0.406
5/10/2021 2:12 PM	1.066	0.229	0.4
5/10/2021 2:18 PM	1.083	0.217	0.394
5/10/2021 2:24 PM	1.105	0.173	0.39
5/10/2021 2:30 PM	1.129	0.178	0.387
5/10/2021 2:36 PM	1.148	0.178	0.385
5/10/2021 2:42 PM	1.112	0.165	0.379
5/10/2021 2:48 PM	1.066	0.213	0.376
5/10/2021 2:54 PM	1.08	0.224	0.377
5/10/2021 3:00 PM	1.05	0.192	0.378
5/10/2021 3:06 PM	0.982	0.209	0.376
5/10/2021 3:12 PM	0.939	0.23	0.379
5/10/2021 3:18 PM	0.919	0.231	0.384

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/10/2021 3:24 PM	0.934	0.252	0.385
5/10/2021 3:30 PM	0.975	0.278	0.386
5/10/2021 3:36 PM	1.014	0.273	0.388
5/10/2021 3:42 PM	1.02	0.267	0.386
5/10/2021 3:48 PM	1.014	0.314	0.389
5/10/2021 3:54 PM	1.007	0.334	0.396
5/10/2021 4:00 PM	0.997	0.302	0.4
5/10/2021 4:06 PM	1.01	0.294	0.399
5/10/2021 4:12 PM	0.988	0.318	0.397
5/10/2021 4:18 PM	0.947	0.339	0.401
5/10/2021 4:24 PM	0.923	0.362	0.403
5/10/2021 4:30 PM	0.927	0.373	0.404
5/10/2021 4:36 PM	0.949	0.417	0.4
5/10/2021 4:42 PM	0.948	0.449	0.398
5/10/2021 4:48 PM	0.945	0.426	0.401
5/10/2021 4:54 PM	0.931	0.397	0.402
5/10/2021 5:00 PM	0.924	0.384	0.402
5/10/2021 5:06 PM	0.959	0.408	0.403
5/10/2021 5:12 PM	0.98	0.443	0.404
5/10/2021 5:18 PM	0.969	0.47	0.405
5/10/2021 5:24 PM	0.97	0.489	0.407
5/10/2021 5:30 PM	0.967	0.485	0.408
5/10/2021 5:36 PM	0.923	0.497	0.409
5/10/2021 5:42 PM	0.894	0.498	0.409
5/10/2021 5:48 PM	0.902	0.488	0.408
5/10/2021 5:54 PM	0.943	0.488	0.409
5/10/2021 6:00 PM	0.939	0.516	0.414
5/10/2021 6:06 PM	0.874	0.515	0.415
5/10/2021 6:12 PM	0.833	0.517	0.413
5/10/2021 6:18 PM	0.857	0.496	0.409
5/10/2021 6:24 PM	0.878	0.479	0.404
5/10/2021 6:30 PM	0.879	0.457	0.402
5/10/2021 6:36 PM	0.871	0.478	0.408
5/10/2021 6:42 PM	0.888	0.504	0.414
5/10/2021 6:48 PM	0.902	0.497	0.415
5/10/2021 6:54 PM	0.884	0.498	0.418
5/10/2021 7:00 PM	1.116	0.519	0.421
5/10/2021 7:06 PM	1.114	0.505	0.42
5/10/2021 7:12 PM	0.558	0.468	0.417
5/10/2021 7:18 PM	0.361	0.465	0.413
5/10/2021 7:24 PM	0.224	0.45	0.409
5/10/2021 7:30 PM	0.145	0.44	0.41
5/10/2021 7:36 PM	0.122	0.476	0.41
5/10/2021 7:42 PM	0.099	0.484	0.411
5/10/2021 7:48 PM	0.09	0.478	0.412
5/10/2021 7:54 PM	0.084	0.494	0.417
5/10/2021 8:00 PM	0.094	0.513	0.419
5/10/2021 8:06 PM	0.099	0.526	0.419
5/10/2021 8:12 PM	0.114	0.519	0.418
5/10/2021 8:18 PM	0.13	0.519	0.417
5/10/2021 8:24 PM	0.107	0.542	0.416
5/10/2021 8:30 PM	0.119	0.575	0.413
5/10/2021 8:36 PM	0.117	0.586	0.411
5/10/2021 8:42 PM	0.124	0.603	0.411

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/10/2021 8:48 PM	0.096	0.613	0.414
5/10/2021 8:54 PM	0.108	0.59	0.417
5/10/2021 9:00 PM	0.115	0.576	0.42
5/10/2021 9:06 PM	0.109	0.592	0.424
5/10/2021 9:12 PM	0.123	0.604	0.428
5/10/2021 9:18 PM	0.143	0.625	0.431
5/10/2021 9:24 PM	0.146	0.628	0.435
5/10/2021 9:30 PM	0.146	0.639	0.435
5/10/2021 9:36 PM	0.159	0.656	0.434
5/10/2021 9:42 PM	0.161	0.668	0.433
5/10/2021 9:48 PM	0.18	0.67	0.43
5/10/2021 9:54 PM	0.162	0.672	0.425
5/10/2021 10:00 PM	0.141	0.703	0.42
5/10/2021 10:06 PM	0.134	0.753	0.417
5/10/2021 10:12 PM	0.154	0.779	0.416
5/10/2021 10:18 PM	0.158	0.786	0.417
5/10/2021 10:24 PM	0.145	0.799	0.415
5/10/2021 10:30 PM	0.27	0.801	0.412
5/10/2021 10:36 PM	0.967	0.798	0.412
5/10/2021 10:42 PM	1.246	0.801	0.414
5/10/2021 10:48 PM	0.967	0.792	0.418
5/10/2021 10:54 PM	0.83	0.796	0.421
5/10/2021 11:00 PM	0.787	0.814	0.418
5/10/2021 11:06 PM	0.762	0.811	0.417
5/10/2021 11:12 PM	0.712	0.807	0.416
5/10/2021 11:18 PM	0.687	0.818	0.418
5/10/2021 11:24 PM	0.675	0.827	0.42
5/10/2021 11:30 PM	0.684	0.813	0.422
5/10/2021 11:36 PM	0.68	0.81	0.423
5/10/2021 11:42 PM	0.667	0.804	0.423
5/10/2021 11:48 PM	0.632	0.817	0.424
5/10/2021 11:54 PM	0.601	0.847	0.425
5/11/2021 12:00 AM	0.633	0.884	0.426
5/11/2021 12:06 AM	0.596	0.916	0.426
5/11/2021 12:12 AM	0.529	0.923	0.428
5/11/2021 12:18 AM	0.509	0.912	0.433
5/11/2021 12:24 AM	0.514	0.898	0.434
5/11/2021 12:30 AM	0.525	0.896	0.436
5/11/2021 12:36 AM	0.526	0.904	0.439
5/11/2021 12:42 AM	0.49	0.898	0.439
5/11/2021 12:48 AM	0.471	0.904	0.441
5/11/2021 12:54 AM	0.472	0.938	0.443
5/11/2021 1:00 AM	0.51	0.934	0.445
5/11/2021 1:06 AM	0.483	0.943	0.446
5/11/2021 1:12 AM	0.435	0.979	0.447
5/11/2021 1:18 AM	0.437	0.974	0.447
5/11/2021 1:24 AM	0.473	0.958	0.444
5/11/2021 1:30 AM	0.396	0.963	0.446
5/11/2021 1:36 AM	0.123	1	0.451
5/11/2021 1:42 AM	0.056	1.019	0.45
5/11/2021 1:48 AM	0.178	0.999	0.448
5/11/2021 1:54 AM	0.226	1.032	0.448
5/11/2021 2:00 AM	0.31	1.061	0.45
5/11/2021 2:06 AM	0.389	1.093	0.449

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/11/2021 2:12 AM	0.418	1.13	0.45
5/11/2021 2:18 AM	0.448	1.158	0.455
5/11/2021 2:24 AM	0.475	1.213	0.459
5/11/2021 2:30 AM	0.507	1.275	0.463
5/11/2021 2:36 AM	0.531	1.339	0.463
5/11/2021 2:42 AM	0.554	1.377	0.461
5/11/2021 2:48 AM	0.569	1.375	0.459
5/11/2021 2:54 AM	0.59	1.387	0.455
5/11/2021 3:00 AM	0.612	1.386	0.454
5/11/2021 3:06 AM	0.59	1.369	0.456
5/11/2021 3:12 AM	0.571	1.36	0.457
5/11/2021 3:18 AM	0.526	1.356	0.456
5/11/2021 3:24 AM	0.467	1.38	0.457
5/11/2021 3:30 AM	0.442	1.386	0.46
5/11/2021 3:36 AM	0.443	1.368	0.461
5/11/2021 3:42 AM	0.451	1.393	0.462
5/11/2021 3:48 AM	0.447	1.425	0.462
5/11/2021 3:54 AM	0.416	1.428	0.46
5/11/2021 4:00 AM	0.399	1.458	0.459
5/11/2021 4:06 AM	0.364	1.497	0.459
5/11/2021 4:12 AM	0.327	1.536	0.454
5/11/2021 4:18 AM	0.334	1.539	0.453
5/11/2021 4:24 AM	0.338	1.567	0.455
5/11/2021 4:30 AM	0.343	1.582	0.453
5/11/2021 4:36 AM	0.348	1.574	0.453
5/11/2021 4:42 AM	0.322	1.587	0.455
5/11/2021 4:48 AM	0.324	1.595	0.453
5/11/2021 4:54 AM	0.319	1.642	0.454
5/11/2021 5:00 AM	0.275	1.675	0.458
5/11/2021 5:06 AM	0.268	1.708	0.464
5/11/2021 5:12 AM	0.287	1.731	0.465
5/11/2021 5:18 AM	0.295	1.787	0.462
5/11/2021 5:24 AM	0.306	1.96	0.458
5/11/2021 5:30 AM	0.287	2.048	0.458
5/11/2021 5:36 AM	0.286	2.074	0.457
5/11/2021 5:42 AM	0.298	2.198	0.454
5/11/2021 5:48 AM	0.274	2.283	0.455
5/11/2021 5:54 AM	0.253	2.259	0.452
5/11/2021 6:00 AM	0.304	2.269	0.447
5/11/2021 6:06 AM	0.311	2.323	0.445
5/11/2021 6:12 AM	0.258	2.305	0.441
5/11/2021 6:18 AM	0.257	2.204	0.433
5/11/2021 6:24 AM	0.241	2.015	0.421
5/11/2021 6:30 AM	0.248	1.902	0.409
5/11/2021 6:36 AM	0.248	1.816	0.397
5/11/2021 6:42 AM	0.242	1.766	0.384
5/11/2021 6:48 AM	0.233	1.648	0.363
5/11/2021 6:54 AM	0.268	1.496	0.351
5/11/2021 7:00 AM	0.297	1.381	0.344
5/11/2021 7:06 AM	0.316	1.265	0.333
5/11/2021 7:12 AM	0.348	1.173	0.327
5/11/2021 7:18 AM	0.497	1.004	0.326
5/11/2021 7:24 AM	0.579	0.924	0.328
5/11/2021 7:30 AM	0.597	0.934	0.325

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/11/2021 7:36 AM	0.776	0.893	0.322
5/11/2021 7:42 AM	0.938	0.812	0.326
5/11/2021 7:48 AM	0.7	0.798	0.325
5/11/2021 7:54 AM	0.224	0.755	0.32
5/11/2021 8:00 AM	-0.037	0.734	0.321
5/11/2021 8:06 AM	-0.068	0.719	0.322
5/11/2021 8:12 AM	-0.08	0.738	0.326
5/11/2021 8:18 AM	-0.091	0.772	0.329
5/11/2021 8:24 AM	-0.076	0.799	0.33
5/11/2021 8:30 AM	-0.07	0.855	0.333
5/11/2021 8:36 AM	-0.065	0.935	0.333
5/11/2021 8:42 AM	-0.042	1.031	0.33
5/11/2021 8:48 AM	-0.03	1.113	0.324
5/11/2021 8:54 AM	-0.015	1.127	0.324
5/11/2021 9:00 AM	0.006	1.2	0.33
5/11/2021 9:06 AM	0.012	1.298	0.338
5/11/2021 9:12 AM	0.036	1.327	0.351
5/11/2021 9:18 AM	0.041	1.338	0.367
5/11/2021 9:24 AM	0.051	1.408	0.377
5/11/2021 9:30 AM	0.072	1.459	0.382
5/11/2021 9:36 AM	0.069	1.58	0.388
5/11/2021 9:42 AM	0.08	1.571	0.393
5/11/2021 9:48 AM	0.1	1.464	0.392
5/11/2021 9:54 AM	0.113	1.41	0.385
5/11/2021 10:00 AM	0.11	1.438	0.378
5/11/2021 10:06 AM	0.076	1.437	0.38
5/11/2021 10:12 AM	0.229	1.393	0.384
5/11/2021 10:18 AM	0.462	1.356	0.383
5/11/2021 10:24 AM	0.621	1.415	0.38
5/11/2021 10:30 AM	0.691	1.5	0.382
5/11/2021 10:36 AM	0.762	1.58	0.385
5/11/2021 10:42 AM	0.783	1.662	0.39
5/11/2021 10:48 AM	0.789	1.702	0.394
5/11/2021 10:54 AM	0.79	1.684	0.395
5/11/2021 11:00 AM	0.769	1.685	0.394
5/11/2021 11:06 AM	0.761	1.738	0.391
5/11/2021 11:12 AM	0.794	1.811	0.386
5/11/2021 11:18 AM	0.829	1.864	0.38
5/11/2021 11:24 AM	0.766	1.907	0.376
5/11/2021 11:30 AM	0.715	1.871	0.375
5/11/2021 11:36 AM	0.688	1.789	0.377
5/11/2021 11:42 AM	0.641	1.919	0.381
5/11/2021 11:48 AM	0.61	2.065	0.384
5/11/2021 11:54 AM	0.613	2.057	0.384
5/11/2021 12:00 PM	0.617	2.035	0.401
5/11/2021 12:06 PM	0.608	1.881	0.454
5/11/2021 12:12 PM	0.625	1.801	0.45
5/11/2021 12:18 PM	0.664	1.816	0.448
5/11/2021 12:24 PM	0.721	1.946	0.452
5/11/2021 12:30 PM	0.777	2.143	0.451
5/11/2021 12:36 PM	0.812	2.361	0.447
5/11/2021 12:42 PM	0.502	2.545	5.617
5/11/2021 12:48 PM	0.578	2.663	9.924
5/11/2021 12:54 PM	0.854	2.663	4.389

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/11/2021 1:00 PM	0.558	2.584	0.751
5/11/2021 1:06 PM	0.567	2.561	0.323
5/11/2021 1:12 PM	0.608	2.5	0.264
5/11/2021 1:18 PM	0.598	2.42	0.236
5/11/2021 1:24 PM	0.543	2.281	0.22
5/11/2021 1:30 PM	0.516	2.312	0.213
5/11/2021 1:36 PM	0.517	2.489	0.205
5/11/2021 1:42 PM	0.52	2.661	0.208
5/11/2021 1:48 PM	0.574	2.805	0.206
5/11/2021 1:54 PM	0.609	2.901	0.211
5/11/2021 2:00 PM	0.574	2.912	0.22
5/11/2021 2:06 PM	0.557	2.865	0.222
5/11/2021 2:12 PM	0.599	2.888	0.224
5/11/2021 2:18 PM	0.634	2.901	0.229
5/11/2021 2:24 PM	0.698	2.942	0.232
5/11/2021 2:30 PM	0.727	3.068	0.235
5/11/2021 2:36 PM	0.708	3.189	0.243
5/11/2021 2:42 PM	0.657	3.216	0.244
5/11/2021 2:48 PM	0.623	3.22	0.252
5/11/2021 2:54 PM	0.608	3.249	0.254
5/11/2021 3:00 PM	0.578	3.232	0.25
5/11/2021 3:06 PM	0.552	3.237	0.249
5/11/2021 3:12 PM	0.51	3.245	0.253
5/11/2021 3:18 PM	0.478	3.173	0.257
5/11/2021 3:24 PM	0.446	3.009	0.26
5/11/2021 3:30 PM	0.442	2.908	0.268
5/11/2021 3:36 PM	0.45	2.891	0.272
5/11/2021 3:42 PM	0.455	2.886	0.275
5/11/2021 3:48 PM	0.565	2.924	0.277
5/11/2021 3:54 PM	0.736	2.992	0.275
5/11/2021 4:00 PM	0.832	3.028	0.274
5/11/2021 4:06 PM	0.856	2.987	0.279
5/11/2021 4:12 PM	0.866	2.896	0.285
5/11/2021 4:18 PM	0.88	2.835	0.295
5/11/2021 4:24 PM	0.879	2.864	0.301
5/11/2021 4:30 PM	0.88	2.938	0.306
5/11/2021 4:36 PM	0.907	2.968	0.309
5/11/2021 4:42 PM	0.887	2.999	0.309
5/11/2021 4:48 PM	0.873	3.019	0.311
5/11/2021 4:54 PM	0.884	2.987	0.313
5/11/2021 5:00 PM	0.896	2.961	0.317
5/11/2021 5:06 PM	0.878	2.974	0.317
5/11/2021 5:12 PM	0.833	2.976	0.318
5/11/2021 5:18 PM	0.852	2.924	0.319
5/11/2021 5:24 PM	0.872	2.89	0.322
5/11/2021 5:30 PM	0.84	2.839	0.327
5/11/2021 5:36 PM	0.793	2.548	0.325
5/11/2021 5:42 PM	0.757	2.276	0.322
5/11/2021 5:48 PM	0.735	2.175	0.321
5/11/2021 5:54 PM	0.705	2.156	0.324
5/11/2021 6:00 PM	0.714	2.155	0.325
5/11/2021 6:06 PM	0.722	2.138	0.325
5/11/2021 6:12 PM	0.707	2.129	0.327
5/11/2021 6:18 PM	0.711	2.111	0.329

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/11/2021 6:24 PM	0.706	2.157	0.327
5/11/2021 6:30 PM	0.697	2.301	0.335
5/11/2021 6:36 PM	0.701	2.492	0.348
5/11/2021 6:42 PM	0.703	2.636	0.355
5/11/2021 6:48 PM	0.697	2.764	0.359
5/11/2021 6:54 PM	0.688	2.833	0.361
5/11/2021 7:00 PM	0.701	2.813	0.363
5/11/2021 7:06 PM	0.7	2.817	0.366
5/11/2021 7:12 PM	0.683	2.842	0.369
5/11/2021 7:18 PM	0.674	2.865	0.37
5/11/2021 7:24 PM	0.66	2.86	0.371
5/11/2021 7:30 PM	0.652	2.861	0.374
5/11/2021 7:36 PM	0.656	2.905	0.374
5/11/2021 7:42 PM	0.649	2.931	0.373
5/11/2021 7:48 PM	0.635	2.923	0.373
5/11/2021 7:54 PM	0.626	2.939	0.373
5/11/2021 8:00 PM	0.607	2.958	0.375
5/11/2021 8:06 PM	0.589	2.953	0.375
5/11/2021 8:12 PM	0.605	2.943	0.377
5/11/2021 8:18 PM	0.64	2.869	0.383
5/11/2021 8:24 PM	0.675	2.771	0.39
5/11/2021 8:30 PM	0.66	2.74	0.395
5/11/2021 8:36 PM	0.646	2.766	0.396
5/11/2021 8:42 PM	0.654	2.783	0.397
5/11/2021 8:48 PM	0.656	2.759	0.399
5/11/2021 8:54 PM	0.655	2.725	0.403
5/11/2021 9:00 PM	0.646	2.713	0.408
5/11/2021 9:06 PM	0.639	2.738	0.405
5/11/2021 9:12 PM	0.635	2.767	0.404
5/11/2021 9:18 PM	0.64	2.781	0.407
5/11/2021 9:24 PM	0.656	2.797	0.409
5/11/2021 9:30 PM	0.671	2.836	0.41
5/11/2021 9:36 PM	0.627	2.857	0.412
5/11/2021 9:42 PM	0.599	2.855	0.41
5/11/2021 9:48 PM	0.6	2.848	0.411
5/11/2021 9:54 PM	0.606	2.868	0.412
5/11/2021 10:00 PM	0.614	2.886	0.408
5/11/2021 10:06 PM	0.592	2.883	0.407
5/11/2021 10:12 PM	0.579	2.874	0.414
5/11/2021 10:18 PM	0.581	2.876	0.412
5/11/2021 10:24 PM	0.584	2.88	0.411
5/11/2021 10:30 PM	0.571	2.846	0.413
5/11/2021 10:36 PM	0.572	2.799	0.415
5/11/2021 10:42 PM	0.585	2.771	0.421
5/11/2021 10:48 PM	0.587	2.724	0.427
5/11/2021 10:54 PM	0.583	2.678	0.432
5/11/2021 11:00 PM	0.579	2.655	0.438
5/11/2021 11:06 PM	0.586	2.617	0.44
5/11/2021 11:12 PM	0.555	2.592	0.443
5/11/2021 11:18 PM	0.521	2.57	0.45
5/11/2021 11:24 PM	0.504	2.561	0.453
5/11/2021 11:30 PM	0.502	2.538	0.45
5/11/2021 11:36 PM	0.5	2.505	0.449
5/11/2021 11:42 PM	0.495	2.487	0.448

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/11/2021 11:48 PM	0.502	2.472	0.441
5/11/2021 11:54 PM	0.481	2.475	0.435
5/12/2021 12:00 AM	0.452	2.48	0.436
5/12/2021 12:06 AM	0.311	2.488	0.441
5/12/2021 12:12 AM	-0.161	2.484	0.447
5/12/2021 12:18 AM	-0.528	2.496	0.451
5/12/2021 12:24 AM	-0.756	2.487	0.455
5/12/2021 12:30 AM	-0.872	2.486	0.46
5/12/2021 12:36 AM	-0.877	2.564	0.462
5/12/2021 12:42 AM	-0.89	2.614	0.465
5/12/2021 12:48 AM	-0.872	2.567	0.47
5/12/2021 12:54 AM	-0.809	2.563	0.469
5/12/2021 1:00 AM	-0.783	2.568	0.469
5/12/2021 1:06 AM	-0.791	2.589	0.468
5/12/2021 1:12 AM	-0.773	2.59	0.471
5/12/2021 1:18 AM	-0.747	2.589	0.473
5/12/2021 1:24 AM	-0.71	2.612	0.472
5/12/2021 1:30 AM	-0.686	2.611	0.475
5/12/2021 1:36 AM	-0.707	2.606	0.473
5/12/2021 1:42 AM	-0.703	2.596	0.475
5/12/2021 1:48 AM	-0.66	2.59	0.475
5/12/2021 1:54 AM	-0.641	2.582	0.474
5/12/2021 2:00 AM	-0.633	2.602	0.476
5/12/2021 2:06 AM	-0.605	2.596	0.474
5/12/2021 2:12 AM	-0.589	2.608	0.476
5/12/2021 2:18 AM	-0.546	2.605	0.477
5/12/2021 2:24 AM	-0.534	2.622	0.481
5/12/2021 2:30 AM	-0.531	2.607	0.489
5/12/2021 2:36 AM	-0.522	2.591	0.494
5/12/2021 2:42 AM	-0.516	2.599	0.493
5/12/2021 2:48 AM	-0.514	2.628	0.492
5/12/2021 2:54 AM	-0.507	2.639	0.492
5/12/2021 3:00 AM	-0.486	2.602	0.496
5/12/2021 3:06 AM	-0.481	2.566	0.499
5/12/2021 3:12 AM	-0.449	2.594	0.499
5/12/2021 3:18 AM	-0.432	2.626	0.501
5/12/2021 3:24 AM	-0.451	2.623	0.5
5/12/2021 3:30 AM	-0.44	2.632	0.499
5/12/2021 3:36 AM	-0.409	2.643	0.503
5/12/2021 3:42 AM	-0.415	2.636	0.507
5/12/2021 3:48 AM	-0.424	2.641	0.506
5/12/2021 3:54 AM	-0.368	2.656	0.503
5/12/2021 4:00 AM	-0.376	2.677	0.501
5/12/2021 4:06 AM	-0.404	2.692	0.504
5/12/2021 4:12 AM	-0.396	2.696	0.501
5/12/2021 4:18 AM	-0.381	2.706	0.497
5/12/2021 4:24 AM	-0.392	2.732	0.496
5/12/2021 4:30 AM	-0.382	2.759	0.499
5/12/2021 4:36 AM	-0.368	2.781	0.498
5/12/2021 4:42 AM	-0.354	2.796	0.496
5/12/2021 4:48 AM	-0.335	2.82	0.495
5/12/2021 4:54 AM	-0.337	2.862	0.495
5/12/2021 5:00 AM	-0.34	3.007	0.494
5/12/2021 5:06 AM	-0.33	3.25	0.494

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/12/2021 5:12 AM	-0.338	3.556	0.499
5/12/2021 5:18 AM	-0.347	3.992	0.497
5/12/2021 5:24 AM	-0.331	4.206	0.497
5/12/2021 5:30 AM	-0.317	4.25	0.503
5/12/2021 5:36 AM	-0.301	4.26	0.499
5/12/2021 5:42 AM	-0.26	4.204	0.496
5/12/2021 5:48 AM	-0.261	4.053	0.498
5/12/2021 5:54 AM	-0.252	3.959	0.498
5/12/2021 6:00 AM	-0.25	3.906	0.494
5/12/2021 6:06 AM	-0.256	3.887	0.495
5/12/2021 6:12 AM	-0.268	3.672	0.492
5/12/2021 6:18 AM	-0.25	3.202	0.489
5/12/2021 6:24 AM	-0.229	2.825	0.484
5/12/2021 6:30 AM	-0.22	2.69	0.478
5/12/2021 6:36 AM	-0.213	2.634	0.471
5/12/2021 6:42 AM	-0.215	2.453	0.463
5/12/2021 6:48 AM	-0.19	2.279	0.458
5/12/2021 6:54 AM	-0.194	2.217	0.451
5/12/2021 7:00 AM	-0.183	2.264	0.442
5/12/2021 7:06 AM	-0.166	2.204	0.431
5/12/2021 7:12 AM	-0.157	2.074	0.412
5/12/2021 7:18 AM	-0.15	2.005	0.398
5/12/2021 7:24 AM	-0.123	1.868	0.397
5/12/2021 7:30 AM	-0.096	1.765	0.397
5/12/2021 7:36 AM	-0.098	1.722	0.394
5/12/2021 7:42 AM	-0.09	1.597	0.393
5/12/2021 7:48 AM	-0.035	1.503	0.396
5/12/2021 7:54 AM	-0.005	1.54	0.394
5/12/2021 8:00 AM	-0.014	1.589	0.389
5/12/2021 8:06 AM	0.043	1.588	0.388
5/12/2021 8:12 AM	0.024	1.539	0.39
5/12/2021 8:18 AM	-0.021	1.491	0.393
5/12/2021 8:24 AM	-0.027	1.549	0.395
5/12/2021 8:30 AM	-0.039	1.668	0.4
5/12/2021 8:36 AM	-0.057	1.761	0.404
5/12/2021 8:42 AM	-0.082	1.81	0.402
5/12/2021 8:48 AM	-0.153	1.88	0.398
5/12/2021 8:54 AM	-0.217	2.111	0.396
5/12/2021 9:00 AM	-0.266	2.269	0.396
5/12/2021 9:06 AM	-0.29	2.297	0.398
5/12/2021 9:12 AM	-0.329	2.282	0.412
5/12/2021 9:18 AM	-0.364	2.195	0.432
5/12/2021 9:24 AM	-0.375	2.21	0.444
5/12/2021 9:30 AM	-0.378	2.187	0.449
5/12/2021 9:36 AM	-0.373	2.331	0.451
5/12/2021 9:42 AM	-0.376	2.376	0.45
5/12/2021 9:48 AM	-0.387	2.257	0.447
5/12/2021 9:54 AM	-0.346	2.147	0.447
5/12/2021 10:00 AM	-0.286	2.026	0.444
5/12/2021 10:06 AM	-0.25	1.908	0.435
5/12/2021 10:12 AM	-0.213	1.815	0.423
5/12/2021 10:18 AM	-0.163	1.79	0.416
5/12/2021 10:24 AM	-0.113	1.827	0.418
5/12/2021 10:30 AM	-0.081	1.894	0.418

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/12/2021 10:36 AM	-0.048	2.023	0.416
5/12/2021 10:42 AM	-0.014	2.15	0.423
5/12/2021 10:48 AM	0.013	2.229	0.43
5/12/2021 10:54 AM	0.049	2.246	0.429
5/12/2021 11:00 AM	0.074	2.243	0.428
5/12/2021 11:06 AM	0.113	2.254	0.425
5/12/2021 11:12 AM	0.131	2.318	0.42
5/12/2021 11:18 AM	0.123	2.4	0.415
5/12/2021 11:24 AM	0.09	2.43	0.411
5/12/2021 11:30 AM	0.054	2.313	0.408
5/12/2021 11:36 AM	0.004	2.123	0.408
5/12/2021 11:42 AM	-0.033	1.991	0.409
5/12/2021 11:48 AM	-0.045	1.928	0.41
5/12/2021 11:54 AM	-0.047	1.886	0.41
5/12/2021 12:00 PM	-0.046	1.827	0.41
5/12/2021 12:06 PM	-0.062	1.69	0.411
5/12/2021 12:12 PM	-0.044	1.686	0.412
5/12/2021 12:18 PM	-0.006	1.719	0.42
5/12/2021 12:24 PM	0.052	1.853	0.423
5/12/2021 12:30 PM	0.103	2.073	0.422
5/12/2021 12:36 PM	0.136	2.316	0.424
5/12/2021 12:42 PM	0.169	2.514	0.421
5/12/2021 12:48 PM	0.226	2.56	0.421
5/12/2021 12:54 PM	0.26	2.464	0.416
5/12/2021 1:00 PM	0.296	2.252	0.407
5/12/2021 1:06 PM	0.315	2.035	0.4
5/12/2021 1:12 PM	0.308	2.075	0.401
5/12/2021 1:18 PM	0.304	2.099	0.409
5/12/2021 1:24 PM	0.299	2.007	0.416
5/12/2021 1:30 PM	0.302	2.033	0.417
5/12/2021 1:36 PM	0.328	2.148	0.415
5/12/2021 1:42 PM	0.333	2.238	0.415
5/12/2021 1:48 PM	0.267	2.404	0.421
5/12/2021 1:54 PM	0.206	2.592	0.426
5/12/2021 2:00 PM	0.132	2.758	0.43
5/12/2021 2:06 PM	0.087	2.783	0.43
5/12/2021 2:12 PM	0.102	2.786	0.428
5/12/2021 2:18 PM	0.115	2.809	0.43
5/12/2021 2:24 PM	0.122	2.862	0.428
5/12/2021 2:30 PM	0.118	2.93	0.425
5/12/2021 2:36 PM	0.126	3.008	0.426
5/12/2021 2:42 PM	<Samp	<Samp	<Samp
5/12/2021 2:48 PM	0.18	3.638	0.406
5/12/2021 2:54 PM	0.174	3.809	0.401
5/12/2021 3:00 PM	0.184	3.973	0.402
5/12/2021 3:06 PM	0.217	4.008	0.409
5/12/2021 3:12 PM	0.257	4.089	0.415
5/12/2021 3:18 PM	0.274	4.088	0.419
5/12/2021 3:24 PM	0.311	3.897	0.421
5/12/2021 3:30 PM	0.334	3.67	0.424
5/12/2021 3:36 PM	0.34	3.554	0.427
5/12/2021 3:42 PM	0.328	3.429	0.43
5/12/2021 3:48 PM	0.31	3.337	0.439
5/12/2021 3:54 PM	15.67	3.238	0.444

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/12/2021 4:00 PM	19.365	3.123	0.445
5/12/2021 4:06 PM	8.281	3.116	0.446
5/12/2021 4:12 PM	5.233	3.049	0.448
5/12/2021 4:18 PM	2.91	2.835	0.445
5/12/2021 4:24 PM	2.249	2.691	0.442
5/12/2021 4:30 PM	1.401	2.617	0.44
5/12/2021 4:36 PM	1.368	2.781	0.442
5/12/2021 4:42 PM	1.282	2.959	0.445
5/12/2021 4:48 PM	0.92	3.114	0.446
5/12/2021 4:54 PM	0.23	3.427	0.449
5/12/2021 5:00 PM	0.074	3.538	0.447
5/12/2021 5:06 PM	0.036	3.403	0.443
5/12/2021 5:12 PM	0.039	3.379	0.443
5/12/2021 5:18 PM	0.092	3.519	0.447
5/12/2021 5:24 PM	0.111	3.655	0.447
5/12/2021 5:30 PM	0.119	3.638	0.445
5/12/2021 5:36 PM	0.146	3.504	0.44
5/12/2021 5:42 PM	0.172	3.428	0.433
5/12/2021 5:48 PM	0.174	3.152	0.424
5/12/2021 5:54 PM	0.165	2.9	0.421
5/12/2021 6:00 PM	0.166	2.768	0.422
5/12/2021 6:06 PM	0.175	2.924	0.431
5/12/2021 6:12 PM	0.221	3.105	0.439
5/12/2021 6:18 PM	0.23	3.256	0.446
5/12/2021 6:24 PM	0.232	3.303	0.453
5/12/2021 6:30 PM	0.234	3.338	0.457
5/12/2021 6:36 PM	0.249	3.443	0.456
5/12/2021 6:42 PM	0.252	3.506	0.455
5/12/2021 6:48 PM	0.231	3.546	0.454
5/12/2021 6:54 PM	0.247	3.601	0.452
5/12/2021 7:00 PM	0.264	3.667	0.449
5/12/2021 7:06 PM	0.268	3.722	0.446
5/12/2021 7:12 PM	0.279	3.781	0.443
5/12/2021 7:18 PM	0.288	3.842	0.446
5/12/2021 7:24 PM	0.29	3.888	0.45
5/12/2021 7:30 PM	0.286	3.877	0.452
5/12/2021 7:36 PM	0.296	3.836	0.448
5/12/2021 7:42 PM	0.302	3.811	0.444
5/12/2021 7:48 PM	0.293	3.805	0.443
5/12/2021 7:54 PM	0.295	3.794	0.444
5/12/2021 8:00 PM	0.29	3.773	0.446
5/12/2021 8:06 PM	0.288	3.747	0.445
5/12/2021 8:12 PM	0.291	3.72	0.443
5/12/2021 8:18 PM	0.293	3.698	0.441
5/12/2021 8:24 PM	0.285	3.68	0.441
5/12/2021 8:30 PM	0.271	3.661	0.443
5/12/2021 8:36 PM	0.269	3.644	0.443
5/12/2021 8:42 PM	0.288	3.631	0.444
5/12/2021 8:48 PM	0.281	3.625	0.444
5/12/2021 8:54 PM	0.257	3.614	0.446
5/12/2021 9:00 PM	0.269	3.599	0.448
5/12/2021 9:06 PM	0.282	3.594	0.449
5/12/2021 9:12 PM	0.249	3.585	0.449
5/12/2021 9:18 PM	0.247	3.576	0.446

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/12/2021 9:24 PM	0.24	3.574	0.44
5/12/2021 9:30 PM	0.221	3.572	0.439
5/12/2021 9:36 PM	0.226	3.567	0.44
5/12/2021 9:42 PM	0.214	3.561	0.439
5/12/2021 9:48 PM	0.212	3.554	0.437
5/12/2021 9:54 PM	0.209	3.544	0.437
5/12/2021 10:00 PM	0.209	3.563	0.434
5/12/2021 10:06 PM	0.231	3.603	0.433
5/12/2021 10:12 PM	0.221	9.769	0.433
5/12/2021 10:18 PM	0.182	21.731	0.434
5/12/2021 10:24 PM	0.167	14.885	0.436
5/12/2021 10:30 PM	0.173	8.478	0.437
5/12/2021 10:36 PM	0.17	7.319	0.44
5/12/2021 10:42 PM	0.155	6.942	0.446
5/12/2021 10:48 PM	0.154	5.55	0.449
5/12/2021 10:54 PM	0.15	4.344	0.45
5/12/2021 11:00 PM	0.154	3.969	0.456
5/12/2021 11:06 PM	0.145	3.914	0.458
5/12/2021 11:12 PM	0.144	3.784	0.453
5/12/2021 11:18 PM	0.134	3.558	0.451
5/12/2021 11:24 PM	0.128	3.339	0.451
5/12/2021 11:30 PM	0.129	3.015	0.448
5/12/2021 11:36 PM	0.136	2.551	0.447
5/12/2021 11:42 PM	0.129	2.219	0.449
5/12/2021 11:48 PM	0.119	1.976	0.453
5/12/2021 11:54 PM	0.107	1.803	0.459
5/13/2021 12:00 AM	0.121	1.662	0.464
5/13/2021 12:06 AM	0.12	1.677	0.467
5/13/2021 12:12 AM	0.106	1.857	0.469
5/13/2021 12:18 AM	0.102	1.957	0.471
5/13/2021 12:24 AM	0.102	1.868	0.47
5/13/2021 12:30 AM	0.087	1.831	0.469
5/13/2021 12:36 AM	0.077	1.815	0.467
5/13/2021 12:42 AM	0.093	1.803	0.464
5/13/2021 12:48 AM	0.092	1.784	0.463
5/13/2021 12:54 AM	0.079	1.776	0.46
5/13/2021 1:00 AM	0.079	1.751	0.458
5/13/2021 1:06 AM	0.078	1.698	0.456
5/13/2021 1:12 AM	0.068	1.681	0.454
5/13/2021 1:18 AM	0.057	1.639	0.45
5/13/2021 1:24 AM	0.059	1.62	0.449
5/13/2021 1:30 AM	0.048	1.632	0.451
5/13/2021 1:36 AM	0.047	1.659	0.453
5/13/2021 1:42 AM	0.038	1.66	0.459
5/13/2021 1:48 AM	0.039	1.674	0.463
5/13/2021 1:54 AM	0.058	1.662	0.465
5/13/2021 2:00 AM	0.049	1.684	0.465
5/13/2021 2:06 AM	0.049	1.708	0.461
5/13/2021 2:12 AM	0.046	1.706	0.455
5/13/2021 2:18 AM	0.03	1.744	0.454
5/13/2021 2:24 AM	0.025	1.756	0.458
5/13/2021 2:30 AM	0.017	1.762	0.464
5/13/2021 2:36 AM	0.004	1.769	0.468
5/13/2021 2:42 AM	0.005	1.751	0.472

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/13/2021 2:48 AM	0.007	1.724	0.471
5/13/2021 2:54 AM	0.009	1.719	0.465
5/13/2021 3:00 AM	0.012	1.74	0.459
5/13/2021 3:06 AM	0.022	1.729	0.456
5/13/2021 3:12 AM	0.022	1.692	0.454
5/13/2021 3:18 AM	0.013	1.702	0.453
5/13/2021 3:24 AM	0.013	1.718	0.449
5/13/2021 3:30 AM	0.02	1.709	0.448
5/13/2021 3:36 AM	0.005	1.707	0.446
5/13/2021 3:42 AM	0	1.724	0.443
5/13/2021 3:48 AM	0.002	1.77	0.443
5/13/2021 3:54 AM	-0.006	1.798	0.443
5/13/2021 4:00 AM	-0.02	1.83	0.447
5/13/2021 4:06 AM	-0.033	1.789	0.447
5/13/2021 4:12 AM	-0.023	1.7	0.448
5/13/2021 4:18 AM	-0.015	1.642	0.454
5/13/2021 4:24 AM	-0.024	1.657	0.459
5/13/2021 4:30 AM	-0.018	1.678	0.462
5/13/2021 4:36 AM	-0.017	1.695	0.466
5/13/2021 4:42 AM	-0.038	1.712	0.474
5/13/2021 4:48 AM	-0.044	1.694	0.479
5/13/2021 4:54 AM	-0.056	1.595	0.482
5/13/2021 5:00 AM	-0.074	1.495	0.485
5/13/2021 5:06 AM	-0.059	1.556	0.486
5/13/2021 5:12 AM	-0.069	1.598	0.485
5/13/2021 5:18 AM	-0.086	1.63	0.489
5/13/2021 5:24 AM	-0.107	1.632	0.492
5/13/2021 5:30 AM	-0.086	1.649	0.487
5/13/2021 5:36 AM	-0.063	1.67	0.482
5/13/2021 5:42 AM	-0.053	1.649	0.476
5/13/2021 5:48 AM	-0.036	1.639	0.471
5/13/2021 5:54 AM	-0.018	1.65	0.466
5/13/2021 6:00 AM	-0.004	1.686	0.457
5/13/2021 6:06 AM	0.008	1.738	0.452
5/13/2021 6:12 AM	0.014	1.749	0.451
5/13/2021 6:18 AM	0.013	1.76	0.45
5/13/2021 6:24 AM	0.012	1.72	0.446
5/13/2021 6:30 AM	0.028	1.694	0.445
5/13/2021 6:36 AM	0.044	1.719	0.44
5/13/2021 6:42 AM	0.048	1.754	0.429
5/13/2021 6:48 AM	0.072	1.766	0.413
5/13/2021 6:54 AM	0.09	1.828	0.393
5/13/2021 7:00 AM	0.095	1.917	0.376
5/13/2021 7:06 AM	0.121	1.896	0.366
5/13/2021 7:12 AM	0.139	1.903	0.358
5/13/2021 7:18 AM	0.156	1.953	0.348
5/13/2021 7:24 AM	0.176	2.806	0.338
5/13/2021 7:30 AM	0.217	3.532	0.333
5/13/2021 7:36 AM	0.259	3.023	0.333
5/13/2021 7:42 AM	0.277	2.9	0.332
5/13/2021 7:48 AM	0.32	2.937	0.331
5/13/2021 7:54 AM	0.349	2.937	0.333
5/13/2021 8:00 AM	0.382	2.931	0.333
5/13/2021 8:06 AM	0.416	2.987	0.332

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/13/2021 8:12 AM	0.447	2.934	0.333
5/13/2021 8:18 AM	0.464	2.885	0.333
5/13/2021 8:24 AM	0.476	2.93	0.334
5/13/2021 8:30 AM	0.464	2.945	0.335
5/13/2021 8:36 AM	0.409	2.839	0.335
5/13/2021 8:42 AM	0.355	2.736	0.336
5/13/2021 8:48 AM	0.277	2.744	0.341
5/13/2021 8:54 AM	0.159	2.699	0.347
5/13/2021 9:00 AM	0.041	3.253	0.355
5/13/2021 9:06 AM	-0.014	3.901	0.363
5/13/2021 9:12 AM	-0.063	3.677	0.373
5/13/2021 9:18 AM	-0.099	3.578	0.388
5/13/2021 9:24 AM	-0.125	3.552	0.405
5/13/2021 9:30 AM	5.341	3.269	0.418
5/13/2021 9:36 AM	6.545	2.252	0.424
5/13/2021 9:42 AM	2.917	1.661	0.429
5/13/2021 9:48 AM	2.522	1.791	0.435
5/13/2021 9:54 AM	1.302	1.427	0.443
5/13/2021 10:00 AM	0.373	1.296	0.442
5/13/2021 10:06 AM	-0.009	1.991	3.532
5/13/2021 10:12 AM	-0.092	2.194	8.415
5/13/2021 10:18 AM	-0.097	1.88	5.894
5/13/2021 10:24 AM	-0.073	2.049	3.415
5/13/2021 10:30 AM	-0.061	2.096	2.803
5/13/2021 10:36 AM	-0.056	2.109	2.682
5/13/2021 10:42 AM	-0.02	2.191	2.647
5/13/2021 10:48 AM	-0.002	2.19	2.613
5/13/2021 10:54 AM	-0.006	2.196	2.565
5/13/2021 11:00 AM	0.007	2.221	2.496
5/13/2021 11:06 AM	0.018	2.256	2.462
5/13/2021 11:12 AM	1.657	2.261	2.421
5/13/2021 11:18 AM	3.847	2.29	2.419
5/13/2021 11:24 AM	3.702	2.269	2.407
5/13/2021 11:30 AM	2.131	2.184	2.372
5/13/2021 11:36 AM	1.105	2.154	2.354
5/13/2021 11:42 AM	1.301	2.107	2.417
5/13/2021 11:48 AM	1.195	2.058	2.445
5/13/2021 11:54 AM	0.908	2.06	2.514
5/13/2021 12:00 PM	0.679	2.014	2.572
5/13/2021 12:06 PM	0.333	1.971	2.464
5/13/2021 12:12 PM	0.236	1.977	2.455
5/13/2021 12:18 PM	0.133	2.003	2.461
5/13/2021 12:24 PM	0.098	1.951	2.384
5/13/2021 12:30 PM	0.1	1.83	2.334
5/13/2021 12:36 PM	0.106	1.75	2.331
5/13/2021 12:42 PM	0.113	1.679	2.341
5/13/2021 12:48 PM	0.124	1.646	2.357
5/13/2021 12:54 PM	0.123	1.488	2.37
5/13/2021 1:00 PM	0.123	1.237	2.393
5/13/2021 1:06 PM	0.147	1.142	2.372
5/13/2021 1:12 PM	0.163	1.06	2.338
5/13/2021 1:18 PM	0.18	1.049	2.322
5/13/2021 1:24 PM	0.188	1.138	2.326
5/13/2021 1:30 PM	0.19	1.17	2.322

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/13/2021 1:36 PM	0.193	1.166	2.274
5/13/2021 1:42 PM	0.176	1.227	2.22
5/13/2021 1:48 PM	0.106	1.24	2.223
5/13/2021 1:54 PM	0.054	1.237	2.242
5/13/2021 2:00 PM	0.014	1.165	2.242
5/13/2021 2:06 PM	-0.005	1.074	2.244
5/13/2021 2:12 PM	-0.015	1.137	2.242
5/13/2021 2:18 PM	-0.02	1.181	2.236
5/13/2021 2:24 PM	<Samp	<Samp	<Samp
5/13/2021 2:30 PM	<Samp	<Samp	<Samp
5/13/2021 2:36 PM	0.019	1.383	2.29
5/13/2021 2:42 PM	0.032	1.407	2.288
5/13/2021 2:48 PM	5.785	1.408	2.105
5/13/2021 2:54 PM	9.538	1.43	0.82
5/13/2021 3:00 PM	5.296	1.484	-0.06
5/13/2021 3:06 PM	2.732	1.481	-0.028
5/13/2021 3:12 PM	1.751	1.446	-0.012
5/13/2021 3:18 PM	1.446	1.359	0.014
5/13/2021 3:24 PM	1.353	1.286	0.016
5/13/2021 3:30 PM	1.316	1.276	0.019
5/13/2021 3:36 PM	1.305	1.287	0.019
5/13/2021 3:42 PM	1.276	1.299	0.026
5/13/2021 3:48 PM	1.223	1.245	0.038
5/13/2021 3:54 PM	1.103	1.187	0.024
5/13/2021 4:00 PM	0.956	1.148	0.02
5/13/2021 4:06 PM	0.796	2.186	0.02
5/13/2021 4:12 PM	0.302	3.256	0.035
5/13/2021 4:18 PM	0.263	2.813	0.039
5/13/2021 4:24 PM	0.933	1.964	0.038
5/13/2021 4:30 PM	0.866	1.38	0.045
5/13/2021 4:36 PM	0.638	1.284	0.049
5/13/2021 4:42 PM	0.525	1.18	0.046
5/13/2021 4:48 PM	0.632	1.122	0.05
5/13/2021 4:54 PM	0.83	1.028	0.048
5/13/2021 5:00 PM	0.938	1.114	0.043
5/13/2021 5:06 PM	0.972	1.294	0.045
5/13/2021 5:12 PM	0.976	1.319	0.042
5/13/2021 5:18 PM	0.954	1.284	0.038
5/13/2021 5:24 PM	0.902	1.352	0.053
5/13/2021 5:30 PM	0.832	1.318	0.053
5/13/2021 5:36 PM	0.728	1.273	0.063
5/13/2021 5:42 PM	0.591	1.292	0.075
5/13/2021 5:48 PM	0.493	1.412	0.065
5/13/2021 5:54 PM	0.391	1.512	0.063
5/13/2021 6:00 PM	0.253	1.535	0.067
5/13/2021 6:06 PM	0.183	1.54	0.072
5/13/2021 6:12 PM	0.141	1.585	0.079
5/13/2021 6:18 PM	0.085	1.637	0.082
5/13/2021 6:24 PM	0.066	1.641	0.088
5/13/2021 6:30 PM	0.081	1.584	0.084
5/13/2021 6:36 PM	0.118	1.578	0.087
5/13/2021 6:42 PM	0.145	1.556	0.09
5/13/2021 6:48 PM	0.112	1.546	0.088
5/13/2021 6:54 PM	0.113	1.541	0.105

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/13/2021 7:00 PM	0.132	1.467	0.106
5/13/2021 7:06 PM	0.15	1.48	0.084
5/13/2021 7:12 PM	0.209	1.469	0.084
5/13/2021 7:18 PM	0.255	1.442	0.084
5/13/2021 7:24 PM	0.276	1.481	0.083
5/13/2021 7:30 PM	0.319	1.484	0.083
5/13/2021 7:36 PM	0.354	1.453	0.088
5/13/2021 7:42 PM	0.383	1.472	0.09
5/13/2021 7:48 PM	0.371	1.514	0.101
5/13/2021 7:54 PM	0.382	1.503	0.094
5/13/2021 8:00 PM	0.417	1.496	0.1
5/13/2021 8:06 PM	0.429	1.503	0.1
5/13/2021 8:12 PM	0.428	1.487	0.096
5/13/2021 8:18 PM	0.422	1.466	0.099
5/13/2021 8:24 PM	0.394	1.493	0.096
5/13/2021 8:30 PM	0.386	1.538	0.107
5/13/2021 8:36 PM	0.382	1.539	0.119
5/13/2021 8:42 PM	0.404	1.538	0.114
5/13/2021 8:48 PM	0.444	1.507	0.108
5/13/2021 8:54 PM	0.448	1.501	0.097
5/13/2021 9:00 PM	0.414	1.525	0.093
5/13/2021 9:06 PM	0.4	1.557	0.096
5/13/2021 9:12 PM	0.388	1.583	0.109
5/13/2021 9:18 PM	0.399	1.532	0.119
5/13/2021 9:24 PM	0.426	1.515	0.111
5/13/2021 9:30 PM	0.429	1.54	0.115
5/13/2021 9:36 PM	0.439	1.584	0.112
5/13/2021 9:42 PM	0.49	1.6	0.11
5/13/2021 9:48 PM	0.515	1.584	0.121
5/13/2021 9:54 PM	0.485	1.557	0.115
5/13/2021 10:00 PM	0.463	1.545	0.111
5/13/2021 10:06 PM	0.442	1.578	0.113
5/13/2021 10:12 PM	0.429	1.595	0.123
5/13/2021 10:18 PM	0.43	1.555	0.119
5/13/2021 10:24 PM	0.411	1.58	0.118
5/13/2021 10:30 PM	0.398	1.616	0.122
5/13/2021 10:36 PM	0.418	1.622	0.125
5/13/2021 10:42 PM	0.435	1.589	0.12
5/13/2021 10:48 PM	0.438	1.561	0.117
5/13/2021 10:54 PM	0.434	1.578	0.12
5/13/2021 11:00 PM	0.442	1.593	0.119
5/13/2021 11:06 PM	0.445	1.563	0.112
5/13/2021 11:12 PM	0.412	1.538	0.112
5/13/2021 11:18 PM	0.404	1.513	0.114
5/13/2021 11:24 PM	0.408	1.522	0.115
5/13/2021 11:30 PM	0.402	1.529	0.119
5/13/2021 11:36 PM	0.391	1.523	0.123
5/13/2021 11:42 PM	0.37	1.486	0.119
5/13/2021 11:48 PM	0.355	1.482	0.115
5/13/2021 11:54 PM	0.321	1.535	0.118
5/14/2021 12:00 AM	0.316	1.569	0.116
5/14/2021 12:06 AM	0.609	1.377	0.113
5/14/2021 12:12 AM	0.795	0.628	0.118
5/14/2021 12:18 AM	0.569	0.241	0.126

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/14/2021 12:24 AM	0.422	0.311	0.13
5/14/2021 12:30 AM	0.299	0.291	0.122
5/14/2021 12:36 AM	0.163	0.211	0.126
5/14/2021 12:42 AM	0.047	0.208	0.124
5/14/2021 12:48 AM	0.022	0.225	0.123
5/14/2021 12:54 AM	-0.007	0.236	0.128
5/14/2021 1:00 AM	0.041	0.251	0.126
5/14/2021 1:06 AM	0.149	0.23	0.13
5/14/2021 1:12 AM	0.217	0.212	0.133
5/14/2021 1:18 AM	0.265	0.19	0.142
5/14/2021 1:24 AM	0.273	0.213	0.143
5/14/2021 1:30 AM	0.33	0.213	0.148
5/14/2021 1:36 AM	0.401	0.164	0.15
5/14/2021 1:42 AM	0.423	0.194	0.15
5/14/2021 1:48 AM	0.413	0.192	0.151
5/14/2021 1:54 AM	0.408	0.2	0.154
5/14/2021 2:00 AM	0.434	0.212	0.165
5/14/2021 2:06 AM	0.593	0.172	0.164
5/14/2021 2:12 AM	0.586	0.147	0.168
5/14/2021 2:18 AM	0.416	0.158	0.182
5/14/2021 2:24 AM	0.444	0.139	0.18
5/14/2021 2:30 AM	0.425	0.122	0.178
5/14/2021 2:36 AM	0.375	0.119	0.182
5/14/2021 2:42 AM	0.347	0.104	0.186
5/14/2021 2:48 AM	0.344	0.138	0.189
5/14/2021 2:54 AM	0.288	0.101	0.196
5/14/2021 3:00 AM	0.239	0.057	0.201
5/14/2021 3:06 AM	0.226	0.075	0.205
5/14/2021 3:12 AM	0.235	0.055	0.209
5/14/2021 3:18 AM	0.258	0.049	0.222
5/14/2021 3:24 AM	0.236	0.061	0.23
5/14/2021 3:30 AM	0.226	0.037	0.229
5/14/2021 3:36 AM	0.256	0.087	0.238
5/14/2021 3:42 AM	0.259	0.117	0.248
5/14/2021 3:48 AM	0.24	0.078	0.252
5/14/2021 3:54 AM	0.282	0.056	0.255
5/14/2021 4:00 AM	0.089	0.088	0.258
5/14/2021 4:06 AM	-0.217	0.095	0.262
5/14/2021 4:12 AM	-0.2	0.097	0.269
5/14/2021 4:18 AM	-0.102	0.097	0.272
5/14/2021 4:24 AM	-0.026	0.068	0.27
5/14/2021 4:30 AM	0.05	0.059	0.267
5/14/2021 4:36 AM	0.072	0.048	0.265
5/14/2021 4:42 AM	0.084	0.059	0.272
5/14/2021 4:48 AM	0.093	0.07	0.281
5/14/2021 4:54 AM	0.136	0.083	0.283
5/14/2021 5:00 AM	0.16	0.124	0.277
5/14/2021 5:06 AM	0.133	0.173	0.273
5/14/2021 5:12 AM	0.12	0.154	0.279
5/14/2021 5:18 AM	0.163	0.136	0.287
5/14/2021 5:24 AM	0.185	0.113	0.29
5/14/2021 5:30 AM	0.133	0.071	0.29
5/14/2021 5:36 AM	0.098	0.07	0.29
5/14/2021 5:42 AM	0.128	0.084	0.291

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/14/2021 5:48 AM	0.148	0.135	0.293
5/14/2021 5:54 AM	0.156	0.171	0.291
5/14/2021 6:00 AM	0.141	0.163	0.293
5/14/2021 6:06 AM	0.13	0.154	0.294
5/14/2021 6:12 AM	0.146	0.16	0.297
5/14/2021 6:18 AM	0.167	0.185	0.298
5/14/2021 6:24 AM	0.194	0.14	0.293
5/14/2021 6:30 AM	0.185	0.087	0.286
5/14/2021 6:36 AM	0.163	0.086	0.287
5/14/2021 6:42 AM	0.154	0.088	0.288
5/14/2021 6:48 AM	0.158	0.111	0.275
5/14/2021 6:54 AM	0.165	0.127	0.265
5/14/2021 7:00 AM	0.171	0.13	0.245
5/14/2021 7:06 AM	0.208	0.167	0.229
5/14/2021 7:12 AM	0.236	0.133	0.222
5/14/2021 7:18 AM	0.233	0.103	0.216
5/14/2021 7:24 AM	0.667	0.159	0.219
5/14/2021 7:30 AM	1.02	0.183	0.226
5/14/2021 7:36 AM	0.866	0.153	0.232
5/14/2021 7:42 AM	0.8	0.161	0.237
5/14/2021 7:48 AM	0.703	0.186	0.237
5/14/2021 7:54 AM	0.669	0.165	0.228
5/14/2021 8:00 AM	0.577	0.163	6.864
5/14/2021 8:06 AM	0.471	0.188	6.817
5/14/2021 8:12 AM	0.545	0.187	2.943
5/14/2021 8:18 AM	0.655	0.181	2.595
5/14/2021 8:24 AM	0.746	0.181	2.478
5/14/2021 8:30 AM	0.799	0.159	2.458
5/14/2021 8:36 AM	0.807	0.196	2.499
5/14/2021 8:42 AM	0.803	0.236	2.515
5/14/2021 8:48 AM	0.777	0.258	2.525
5/14/2021 8:54 AM	0.744	0.249	2.559
5/14/2021 9:00 AM	0.735	0.243	2.586
5/14/2021 9:06 AM	0.708	0.241	2.601
5/14/2021 9:12 AM	0.688	0.227	2.569
5/14/2021 9:18 AM	0.677	0.263	2.571
5/14/2021 9:24 AM	0.692	0.232	2.547
5/14/2021 9:30 AM	0.722	0.203	3.459
5/14/2021 9:36 AM	0.757	0.196	3.906
5/14/2021 9:42 AM	0.802	0.218	3.278
5/14/2021 9:48 AM	0.838	0.232	3.16
5/14/2021 9:54 AM	0.858	0.24	3.112
5/14/2021 10:00 AM	0.858	0.241	3.116
5/14/2021 10:06 AM	0.891	0.263	3.149
5/14/2021 10:12 AM	0.916	0.266	3.171
5/14/2021 10:18 AM	0.945	0.254	3.094
5/14/2021 10:24 AM	0.975	0.248	3.128
5/14/2021 10:30 AM	0.999	0.258	3.23
5/14/2021 10:36 AM	1.022	0.279	3.232
5/14/2021 10:42 AM	0.998	0.253	3.204
5/14/2021 10:48 AM	0.983	0.238	3.148
5/14/2021 10:54 AM	1.012	0.248	3.096
5/14/2021 11:00 AM	1.047	0.268	3.08
5/14/2021 11:06 AM	1.064	0.298	3.028

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/14/2021 11:12 AM	1.063	0.308	3.001
5/14/2021 11:18 AM	1.054	0.301	3.027
5/14/2021 11:24 AM	1.043	0.292	3
5/14/2021 11:30 AM	1.022	0.33	2.966
5/14/2021 11:36 AM	1.001	0.348	2.978
5/14/2021 11:42 AM	0.993	0.352	2.979
5/14/2021 11:48 AM	0.98	0.354	2.998
5/14/2021 11:54 AM	0.999	0.348	3.057
5/14/2021 12:00 PM	1.01	0.34	3.092
5/14/2021 12:06 PM	Calib	0.306	3.015
5/14/2021 12:12 PM	1	0.291	3.021
5/14/2021 12:18 PM	1	0.314	3.024
5/14/2021 12:24 PM	1	0.327	3.008
5/14/2021 12:30 PM	1	0.346	2.988
5/14/2021 12:36 PM	1	0.359	2.99
5/14/2021 12:42 PM	1	0.322	3.023
5/14/2021 12:48 PM	1	0.318	3.021
5/14/2021 12:54 PM	1	0.325	3.002
5/14/2021 1:00 PM	0.9	0.308	3.001
5/14/2021 1:06 PM	0.9	0.309	2.979
5/14/2021 1:12 PM	1	0.312	2.973
5/14/2021 1:18 PM	1	0.313	2.995
5/14/2021 1:24 PM	1.1	0.352	3.014
5/14/2021 1:30 PM	1.1	0.376	2.985
5/14/2021 1:36 PM	1.1	0.358	3.039
5/14/2021 1:42 PM	1.1	0.329	3.084
5/14/2021 1:48 PM	1	0.328	3.06
5/14/2021 1:54 PM	1	0.34	3.023
5/14/2021 2:00 PM	1	0.345	3.016
5/14/2021 2:06 PM	0.9	0.324	3.04
5/14/2021 2:12 PM	0.9	0.325	3.036
5/14/2021 2:18 PM	0.9	0.338	3.051
5/14/2021 2:24 PM	0.9	0.382	3.089
5/14/2021 2:30 PM	0.9	0.42	3.065
5/14/2021 2:36 PM	1	0.41	3.094
5/14/2021 2:42 PM	0.9	0.428	3.045
5/14/2021 2:48 PM	0.9	0.432	3.002
5/14/2021 2:54 PM	1	0.419	3.04
5/14/2021 3:00 PM	1	0.452	3.083
5/14/2021 3:06 PM	1	0.476	3.067
5/14/2021 3:12 PM	1	0.512	3.056
5/14/2021 3:18 PM	1	0.523	3.091
5/14/2021 3:24 PM	1	0.569	3.083
5/14/2021 3:30 PM	1	0.628	3.074
5/14/2021 3:36 PM	1	0.695	3.116
5/14/2021 3:42 PM	1	0.746	3.097
5/14/2021 3:48 PM	0.9	0.774	3.054
5/14/2021 3:54 PM	0.9	0.816	3.064
5/14/2021 4:00 PM	0.9	0.829	3.123
5/14/2021 4:06 PM	1	0.816	2.502
5/14/2021 4:12 PM	1	0.852	1.838
5/14/2021 4:18 PM	1	0.877	2.004
5/14/2021 4:24 PM	1	0.888	2.076
5/14/2021 4:30 PM	1	0.935	2.123

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/14/2021 4:36 PM	1	1.013	2.161
5/14/2021 4:42 PM	1	1.073	2.162
5/14/2021 4:48 PM	0.9	1.094	2.177
5/14/2021 4:54 PM	0.8	1.133	2.194
5/14/2021 5:00 PM	0.8	1.143	2.205
5/14/2021 5:06 PM	0.8	1.173	2.209
5/14/2021 5:12 PM	0.8	1.216	2.19
5/14/2021 5:18 PM	0.8	1.179	2.21
5/14/2021 5:24 PM	0.8	1.126	2.213
5/14/2021 5:30 PM	0.9	1.074	2.209
5/14/2021 5:36 PM	0.8	0.994	2.253
5/14/2021 5:42 PM	0.9	0.918	2.276
5/14/2021 5:48 PM	0.9	0.878	2.269
5/14/2021 5:54 PM	0.9	0.812	2.272
5/14/2021 6:00 PM	0.9	0.751	2.28
5/14/2021 6:06 PM	0.9	0.702	2.275
5/14/2021 6:12 PM	0.9	0.661	2.273
5/14/2021 6:18 PM	0.9	0.629	2.282
5/14/2021 6:24 PM	0.9	0.589	2.278
5/14/2021 6:30 PM	0.9	0.592	2.298
5/14/2021 6:36 PM	0.9	0.617	2.348
5/14/2021 6:42 PM	1	0.619	2.35
5/14/2021 6:48 PM	1	0.619	2.337
5/14/2021 6:54 PM	1	0.593	2.346
5/14/2021 7:00 PM	1	0.598	2.344
5/14/2021 7:06 PM	1	0.605	2.348
5/14/2021 7:12 PM	1	0.6	2.378
5/14/2021 7:18 PM	1	0.623	2.389
5/14/2021 7:24 PM	1	0.639	2.38
5/14/2021 7:30 PM	1	0.62	2.386
5/14/2021 7:36 PM	1	0.626	2.401
5/14/2021 7:42 PM	1	0.643	2.428
5/14/2021 7:48 PM	0.9	0.639	2.41
5/14/2021 7:54 PM	0.9	0.639	2.395
5/14/2021 8:00 PM	0.9	0.653	2.413
5/14/2021 8:06 PM	0.9	0.661	2.42
5/14/2021 8:12 PM	0.9	0.673	2.418
5/14/2021 8:18 PM	0.9	0.674	2.388
5/14/2021 8:24 PM	0.9	0.688	2.381
5/14/2021 8:30 PM	0.9	0.676	2.426
5/14/2021 8:36 PM	0.9	0.698	2.421
5/14/2021 8:42 PM	0.9	0.722	2.432
5/14/2021 8:48 PM	0.9	0.721	2.441
5/14/2021 8:54 PM	0.8	0.745	2.43
5/14/2021 9:00 PM	0.8	0.742	2.385
5/14/2021 9:06 PM	0.9	0.746	2.386
5/14/2021 9:12 PM	0.9	0.745	2.383
5/14/2021 9:18 PM	0.9	0.75	2.394
5/14/2021 9:24 PM	0.9	0.762	2.4
5/14/2021 9:30 PM	0.9	0.782	2.398
5/14/2021 9:36 PM	0.9	0.79	2.385
5/14/2021 9:42 PM	0.9	0.811	2.409
5/14/2021 9:48 PM	0.9	0.822	2.423
5/14/2021 9:54 PM	0.9	0.797	2.396

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/14/2021 10:00 PM	0.9	0.809	2.408
5/14/2021 10:06 PM	0.9	0.824	2.404
5/14/2021 10:12 PM	0.9	0.842	2.388
5/14/2021 10:18 PM	0.9	0.852	2.38
5/14/2021 10:24 PM	0.8	0.856	2.369
5/14/2021 10:30 PM	0.7	0.872	2.396
5/14/2021 10:36 PM	0.8	0.878	2.418
5/14/2021 10:42 PM	0.8	0.885	2.375
5/14/2021 10:48 PM	0.8	0.896	2.373
5/14/2021 10:54 PM	0.8	0.904	2.407
5/14/2021 11:00 PM	0.8	0.905	2.415
5/14/2021 11:06 PM	0.8	0.92	2.381
5/14/2021 11:12 PM	0.8	0.922	2.336
5/14/2021 11:18 PM	0.8	0.92	2.359
5/14/2021 11:24 PM	0.7	0.942	2.367
5/14/2021 11:30 PM	0.7	0.952	2.356
5/14/2021 11:36 PM	0.7	0.945	2.331
5/14/2021 11:42 PM	0.7	0.947	2.33
5/14/2021 11:48 PM	0.7	0.965	2.324
5/14/2021 11:54 PM	0.8	0.975	2.287
5/15/2021 12:00 AM	1.2	0.981	1.175
5/15/2021 12:06 AM	1.1	0.993	0.097
5/15/2021 12:12 AM	1	0.998	0.038
5/15/2021 12:18 AM	0.8	0.999	0.04
5/15/2021 12:24 AM	0.7	1.007	0.03
5/15/2021 12:30 AM	0.6	1.035	0.064
5/15/2021 12:36 AM	0.5	1.055	0.072
5/15/2021 12:42 AM	0.3	1.051	0.06
5/15/2021 12:48 AM	0.2	1.057	0.062
5/15/2021 12:54 AM	0.1	1.069	0.059
5/15/2021 1:00 AM	0.1	1.072	0.059
5/15/2021 1:06 AM	0	1.068	0.06
5/15/2021 1:12 AM	0	1.068	0.062
5/15/2021 1:18 AM	0	1.048	0.059
5/15/2021 1:24 AM	0	1.042	0.066
5/15/2021 1:30 AM	0	1.055	0.071
5/15/2021 1:36 AM	0	1.067	0.053
5/15/2021 1:42 AM	0	1.052	0.062
5/15/2021 1:48 AM	0	1.072	0.077
5/15/2021 1:54 AM	0.1	1.086	0.072
5/15/2021 2:00 AM	0.1	1.115	0.081
5/15/2021 2:06 AM	0.1	1.14	0.097
5/15/2021 2:12 AM	0.1	1.119	0.094
5/15/2021 2:18 AM	0.1	1.125	0.104
5/15/2021 2:24 AM	0.1	1.138	0.085
5/15/2021 2:30 AM	0.2	1.152	0.068
5/15/2021 2:36 AM	0.2	1.155	0.072
5/15/2021 2:42 AM	0.2	1.157	0.085
5/15/2021 2:48 AM	0.3	1.175	0.086
5/15/2021 2:54 AM	0.3	1.17	0.098
5/15/2021 3:00 AM	0.3	1.176	0.088
5/15/2021 3:06 AM	0.3	1.146	0.075
5/15/2021 3:12 AM	0.3	1.133	0.091
5/15/2021 3:18 AM	0.3	1.139	0.093

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/15/2021 3:24 AM	0.3	1.127	0.093
5/15/2021 3:30 AM	0.3	1.129	0.087
5/15/2021 3:36 AM	0.3	1.113	0.089
5/15/2021 3:42 AM	0.2	1.089	0.089
5/15/2021 3:48 AM	0.2	1.098	0.092
5/15/2021 3:54 AM	0.2	1.113	0.099
5/15/2021 4:00 AM	0.1	1.111	0.102
5/15/2021 4:06 AM	-0.1	1.11	0.101
5/15/2021 4:12 AM	-0.1	1.14	0.102
5/15/2021 4:18 AM	0.1	1.142	0.112
5/15/2021 4:24 AM	0.2	1.129	0.113
5/15/2021 4:30 AM	0.3	1.132	0.115
5/15/2021 4:36 AM	0.3	1.146	0.12
5/15/2021 4:42 AM	0.3	1.172	0.11
5/15/2021 4:48 AM	0.3	1.191	0.106
5/15/2021 4:54 AM	0.2	1.249	0.108
5/15/2021 5:00 AM	0.2	1.371	0.103
5/15/2021 5:06 AM	0.2	1.485	0.112
5/15/2021 5:12 AM	0.2	1.573	0.11
5/15/2021 5:18 AM	0.2	1.639	0.113
5/15/2021 5:24 AM	0.2	1.708	0.127
5/15/2021 5:30 AM	0.1	1.789	0.125
5/15/2021 5:36 AM	0.1	1.846	0.129
5/15/2021 5:42 AM	0.2	1.937	0.13
5/15/2021 5:48 AM	0.2	2.04	0.132
5/15/2021 5:54 AM	0.2	2.086	0.127
5/15/2021 6:00 AM	0.2	2.124	0.122
5/15/2021 6:06 AM	0.2	2.137	0.129
5/15/2021 6:12 AM	0.2	2.079	0.128
5/15/2021 6:18 AM	0.2	1.971	0.119
5/15/2021 6:24 AM	0.2	1.841	0.123
5/15/2021 6:30 AM	0.2	1.713	0.127
5/15/2021 6:36 AM	0.2	1.603	0.116
5/15/2021 6:42 AM	0.2	1.528	0.1
5/15/2021 6:48 AM	0.2	1.455	0.096
5/15/2021 6:54 AM	0.2	1.376	0.086
5/15/2021 7:00 AM	0.3	1.28	0.075
5/15/2021 7:06 AM	0.4	1.185	0.053
5/15/2021 7:12 AM	0.3	1.123	0.042
5/15/2021 7:18 AM	0.2	1.068	0.049
5/15/2021 7:24 AM	0.2	0.998	0.045
5/15/2021 7:30 AM	0.2	0.905	0.042
5/15/2021 7:36 AM	0.1	0.835	0.042
5/15/2021 7:42 AM	0.1	0.824	0.044
5/15/2021 7:48 AM	0.2	0.834	0.029
5/15/2021 7:54 AM	0.3	0.843	0.02
5/15/2021 8:00 AM	0.3	0.849	0.021
5/15/2021 8:06 AM	0.3	0.845	0.018
5/15/2021 8:12 AM	0.3	0.819	0.017
5/15/2021 8:18 AM	0.3	0.779	0.02
5/15/2021 8:24 AM	0.4	0.775	0.025
5/15/2021 8:30 AM	0.4	0.782	0.038
5/15/2021 8:36 AM	0.4	0.801	0.041
5/15/2021 8:42 AM	0.4	0.841	0.042

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/15/2021 8:48 AM	0.5	0.907	2.657
5/15/2021 8:54 AM	0.3	0.992	6.722
5/15/2021 9:00 AM	0.1	1.053	4.498
5/15/2021 9:06 AM	0.3	1.115	2.691
5/15/2021 9:12 AM	0.5	1.201	2.571
5/15/2021 9:18 AM	0.6	1.264	2.546
5/15/2021 9:24 AM	0.6	1.295	2.551
5/15/2021 9:30 AM	0.7	1.345	2.535
5/15/2021 9:36 AM	0.7	1.376	2.532
5/15/2021 9:42 AM	0.8	1.38	2.564
5/15/2021 9:48 AM	0.8	1.401	2.664
5/15/2021 9:54 AM	0.8	1.426	2.681
5/15/2021 10:00 AM	0.8	1.438	2.601
5/15/2021 10:06 AM	0.8	1.479	2.59
5/15/2021 10:12 AM	0.8	1.427	2.589
5/15/2021 10:18 AM	0.8	1.337	2.59
5/15/2021 10:24 AM	0.8	1.304	2.55
5/15/2021 10:30 AM	0.8	1.334	2.578
5/15/2021 10:36 AM	0.9	1.378	2.61
5/15/2021 10:42 AM	0.9	1.422	2.538
5/15/2021 10:48 AM	0.8	1.464	2.535
5/15/2021 10:54 AM	0.8	1.471	2.585
5/15/2021 11:00 AM	0.8	1.458	2.526
5/15/2021 11:06 AM	0.8	1.491	2.426
5/15/2021 11:12 AM	0.7	1.573	2.386
5/15/2021 11:18 AM	0.8	1.648	2.377
5/15/2021 11:24 AM	0.8	1.675	2.341
5/15/2021 11:30 AM	0.7	1.619	2.332
5/15/2021 11:36 AM	0.7	1.539	2.317
5/15/2021 11:42 AM	0.6	1.502	2.292
5/15/2021 11:48 AM	0.6	1.484	2.27
5/15/2021 11:54 AM	0.6	1.479	2.426
5/15/2021 12:00 PM	Calib	1.47	2.538
5/15/2021 12:06 PM	0.678	1.405	2.542
5/15/2021 12:12 PM	0.694	1.379	2.526
5/15/2021 12:18 PM	0.714	1.416	2.483
5/15/2021 12:24 PM	0.754	1.531	2.458
5/15/2021 12:30 PM	0.811	1.673	2.49
5/15/2021 12:36 PM	0.851	1.839	2.499
5/15/2021 12:42 PM	0.878	2.008	2.48
5/15/2021 12:48 PM	0.886	2.093	2.5
5/15/2021 12:54 PM	0.898	2.079	2.479
5/15/2021 1:00 PM	0.905	2.013	2.493
5/15/2021 1:06 PM	0.898	1.92	2.501
5/15/2021 1:12 PM	0.893	1.894	2.494
5/15/2021 1:18 PM	0.914	2.009	2.472
5/15/2021 1:24 PM	0.94	2.146	2.454
5/15/2021 1:30 PM	0.908	2.299	2.498
5/15/2021 1:36 PM	0.864	2.499	2.478
5/15/2021 1:42 PM	0.855	2.692	2.399
5/15/2021 1:48 PM	0.882	2.82	2.377
5/15/2021 1:54 PM	0.87	2.874	2.374
5/15/2021 2:00 PM	0.819	2.828	2.385
5/15/2021 2:06 PM	0.776	2.776	2.384

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/15/2021 2:12 PM	0.73	2.773	2.392
5/15/2021 2:18 PM	0.701	2.791	2.222
5/15/2021 2:24 PM	0.67	2.834	2.108
5/15/2021 2:30 PM	0.649	2.918	2.153
5/15/2021 2:36 PM	0.644	3.015	2.183
5/15/2021 2:42 PM	0.676	3.11	2.177
5/15/2021 2:48 PM	0.702	3.189	2.148
5/15/2021 2:54 PM	0.669	3.253	2.129
5/15/2021 3:00 PM	0.611	3.331	2.11
5/15/2021 3:06 PM	0.599	3.396	2.138
5/15/2021 3:12 PM	0.61	3.422	2.205
5/15/2021 3:18 PM	0.596	3.424	2.217
5/15/2021 3:24 PM	0.601	3.444	2.22
5/15/2021 3:30 PM	0.612	3.477	2.234
5/15/2021 3:36 PM	0.65	3.494	2.2
5/15/2021 3:42 PM	0.72	3.487	2.18
5/15/2021 3:48 PM	0.758	3.47	2.19
5/15/2021 3:54 PM	0.748	3.424	2.226
5/15/2021 4:00 PM	0.712	3.148	2.223
5/15/2021 4:06 PM	0.663	2.671	2.191
5/15/2021 4:12 PM	0.605	2.364	2.143
5/15/2021 4:18 PM	0.605	2.264	2.123
5/15/2021 4:24 PM	0.629	2.261	2.165
5/15/2021 4:30 PM	0.637	2.355	2.169
5/15/2021 4:36 PM	0.634	2.476	2.205
5/15/2021 4:42 PM	0.624	2.547	2.214
5/15/2021 4:48 PM	0.615	2.588	2.197
5/15/2021 4:54 PM	0.626	2.606	2.209
5/15/2021 5:00 PM	0.658	2.615	2.248
5/15/2021 5:06 PM	0.958	2.574	2.238
5/15/2021 5:12 PM	1.546	2.498	1.116
5/15/2021 5:18 PM	1.445	2.447	0.038
5/15/2021 5:24 PM	1.154	2.392	-0.02
5/15/2021 5:30 PM	0.994	2.355	-0.01
5/15/2021 5:36 PM	0.888	2.488	-0.01
5/15/2021 5:42 PM	0.821	2.897	0.002
5/15/2021 5:48 PM	0.817	3.419	0.024
5/15/2021 5:54 PM	0.778	3.849	0.02
5/15/2021 6:00 PM	0.728	4.157	0.013
5/15/2021 6:06 PM	0.675	4.278	0.021
5/15/2021 6:12 PM	0.627	4.27	0.027
5/15/2021 6:18 PM	0.616	4.187	0.024
5/15/2021 6:24 PM	0.571	4.091	0.021
5/15/2021 6:30 PM	0.545	3.993	0.034
5/15/2021 6:36 PM	0.558	3.869	0.043
5/15/2021 6:42 PM	0.567	3.745	0.041
5/15/2021 6:48 PM	0.528	3.605	0.038
5/15/2021 6:54 PM	0.518	3.483	0.036
5/15/2021 7:00 PM	0.507	3.431	0.045
5/15/2021 7:06 PM	0.482	3.407	0.045
5/15/2021 7:12 PM	0.439	3.38	0.064
5/15/2021 7:18 PM	0.74	3.379	0.062
5/15/2021 7:24 PM	0.842	3.35	0.052
5/15/2021 7:30 PM	0.771	3.318	0.057

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/15/2021 7:36 PM	0.722	3.237	0.062
5/15/2021 7:42 PM	0.711	3.143	0.056
5/15/2021 7:48 PM	0.688	3.104	0.059
5/15/2021 7:54 PM	0.625	3.073	0.062
5/15/2021 8:00 PM	0.625	3.037	0.049
5/15/2021 8:06 PM	0.596	3.007	0.062
5/15/2021 8:12 PM	0.569	2.983	0.078
5/15/2021 8:18 PM	0.575	2.945	0.085
5/15/2021 8:24 PM	0.602	2.907	0.097
5/15/2021 8:30 PM	0.611	2.879	0.094
5/15/2021 8:36 PM	0.619	2.865	0.083
5/15/2021 8:42 PM	0.587	2.854	0.087
5/15/2021 8:48 PM	0.567	2.839	0.101
5/15/2021 8:54 PM	0.537	2.844	0.089
5/15/2021 9:00 PM	0.533	2.89	0.078
5/15/2021 9:06 PM	0.578	2.955	0.091
5/15/2021 9:12 PM	0.567	3.019	0.095
5/15/2021 9:18 PM	0.588	3.061	0.102
5/15/2021 9:24 PM	0.595	3.1	0.093
5/15/2021 9:30 PM	0.557	3.135	0.081
5/15/2021 9:36 PM	0.537	3.149	0.085
5/15/2021 9:42 PM	0.543	3.162	0.087
5/15/2021 9:48 PM	0.548	3.169	0.077
5/15/2021 9:54 PM	0.54	3.18	0.08
5/15/2021 10:00 PM	0.547	3.19	0.084
5/15/2021 10:06 PM	0.501	3.191	0.084
5/15/2021 10:12 PM	0.505	3.189	0.082
5/15/2021 10:18 PM	0.492	3.177	0.076
5/15/2021 10:24 PM	0.492	3.172	0.095
5/15/2021 10:30 PM	0.506	3.175	0.099
5/15/2021 10:36 PM	0.525	3.178	0.088
5/15/2021 10:42 PM	0.53	3.18	0.091
5/15/2021 10:48 PM	0.482	3.172	0.105
5/15/2021 10:54 PM	0.45	3.17	0.093
5/15/2021 11:00 PM	0.448	3.167	0.083
5/15/2021 11:06 PM	0.477	3.161	0.094
5/15/2021 11:12 PM	0.464	3.154	0.092
5/15/2021 11:18 PM	0.468	3.152	0.081
5/15/2021 11:24 PM	0.527	3.159	0.088
5/15/2021 11:30 PM	0.572	3.168	0.095
5/15/2021 11:36 PM	0.546	3.167	0.101
5/15/2021 11:42 PM	0.523	3.16	0.104
5/15/2021 11:48 PM	0.515	3.141	0.102
5/15/2021 11:54 PM	0.564	3.125	0.11
5/16/2021 12:00 AM	0.538	3.11	0.122
5/16/2021 12:06 AM	0.506	3.094	0.127
5/16/2021 12:12 AM	0.514	3.082	0.11
5/16/2021 12:18 AM	0.483	3.068	0.112
5/16/2021 12:24 AM	0.474	3.045	0.117
5/16/2021 12:30 AM	0.513	3.021	0.115
5/16/2021 12:36 AM	0.491	3.003	0.127
5/16/2021 12:42 AM	0.443	3.006	0.129
5/16/2021 12:48 AM	0.352	3.009	0.126
5/16/2021 12:54 AM	0.078	3.007	0.141

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/16/2021 1:00 AM	-0.128	3.019	0.129
5/16/2021 1:06 AM	-0.222	3.032	0.123
5/16/2021 1:12 AM	-0.287	3.034	0.119
5/16/2021 1:18 AM	-0.293	3.035	0.128
5/16/2021 1:24 AM	-0.306	3.025	0.122
5/16/2021 1:30 AM	-0.315	3.024	0.126
5/16/2021 1:36 AM	-0.324	3.054	0.136
5/16/2021 1:42 AM	-0.275	3.088	0.135
5/16/2021 1:48 AM	-0.252	3.126	0.137
5/16/2021 1:54 AM	-0.234	3.173	0.124
5/16/2021 2:00 AM	-0.207	3.215	0.12
5/16/2021 2:06 AM	-0.191	3.25	0.126
5/16/2021 2:12 AM	-0.18	3.285	0.125
5/16/2021 2:18 AM	-0.283	3.305	0.127
5/16/2021 2:24 AM	-0.35	3.294	0.129
5/16/2021 2:30 AM	-0.302	3.298	0.126
5/16/2021 2:36 AM	-0.278	3.311	0.122
5/16/2021 2:42 AM	-0.297	3.307	0.119
5/16/2021 2:48 AM	-0.322	3.297	0.113
5/16/2021 2:54 AM	-0.332	3.289	0.117
5/16/2021 3:00 AM	-0.337	3.287	0.118
5/16/2021 3:06 AM	-0.349	3.265	0.125
5/16/2021 3:12 AM	-0.345	3.228	0.128
5/16/2021 3:18 AM	-0.337	3.186	0.135
5/16/2021 3:24 AM	-0.333	3.144	0.132
5/16/2021 3:30 AM	-0.316	3.096	0.125
5/16/2021 3:36 AM	-0.276	3.039	0.131
5/16/2021 3:42 AM	-0.264	2.991	0.145
5/16/2021 3:48 AM	-0.268	2.952	0.155
5/16/2021 3:54 AM	-0.294	2.918	0.148
5/16/2021 4:00 AM	-0.244	2.901	0.147
5/16/2021 4:06 AM	0.016	2.895	0.154
5/16/2021 4:12 AM	0.257	2.891	0.158
5/16/2021 4:18 AM	0.361	2.89	0.162
5/16/2021 4:24 AM	0.451	2.888	0.168
5/16/2021 4:30 AM	0.479	2.892	0.172
5/16/2021 4:36 AM	0.489	2.905	0.176
5/16/2021 4:42 AM	0.463	2.924	0.182
5/16/2021 4:48 AM	0.403	2.94	0.191
5/16/2021 4:54 AM	0.457	2.936	0.205
5/16/2021 5:00 AM	0.527	2.94	0.215
5/16/2021 5:06 AM	0.533	2.965	0.224
5/16/2021 5:12 AM	0.466	2.983	0.216
5/16/2021 5:18 AM	0.408	3.015	0.217
5/16/2021 5:24 AM	0.419	3.047	0.232
5/16/2021 5:30 AM	0.441	3.066	0.237
5/16/2021 5:36 AM	0.426	3.096	0.234
5/16/2021 5:42 AM	0.398	3.142	0.23
5/16/2021 5:48 AM	0.376	3.219	0.229
5/16/2021 5:54 AM	0.362	3.311	0.237
5/16/2021 6:00 AM	0.377	3.411	0.246
5/16/2021 6:06 AM	0.371	3.582	0.249
5/16/2021 6:12 AM	0.38	3.719	0.261
5/16/2021 6:18 AM	0.416	3.738	0.266

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/16/2021 6:24 AM	0.491	3.751	0.252
5/16/2021 6:30 AM	0.432	3.761	0.256
5/16/2021 6:36 AM	0.328	3.775	0.257
5/16/2021 6:42 AM	0.204	3.808	0.255
5/16/2021 6:48 AM	0.069	3.848	0.251
5/16/2021 6:54 AM	-0.034	3.885	0.255
5/16/2021 7:00 AM	-0.08	3.953	0.262
5/16/2021 7:06 AM	-0.104	4.039	0.258
5/16/2021 7:12 AM	-0.137	4.181	0.26
5/16/2021 7:18 AM	-0.143	4.298	0.266
5/16/2021 7:24 AM	-0.119	4.29	0.269
5/16/2021 7:30 AM	-0.085	4.247	0.271
5/16/2021 7:36 AM	-0.023	4.212	0.281
5/16/2021 7:42 AM	0.04	4.189	0.288
5/16/2021 7:48 AM	0.079	4.224	0.286
5/16/2021 7:54 AM	0.115	4.264	0.277
5/16/2021 8:00 AM	0.171	4.23	0.271
5/16/2021 8:06 AM	0.207	4.146	0.269
5/16/2021 8:12 AM	0.23	4.022	0.262
5/16/2021 8:18 AM	0.261	3.977	0.252
5/16/2021 8:24 AM	0.313	4.014	0.249
5/16/2021 8:30 AM	0.254	4.103	0.241
5/16/2021 8:36 AM	0.178	4.22	0.232
5/16/2021 8:42 AM	0.258	4.328	0.222
5/16/2021 8:48 AM	0.305	4.438	0.222
5/16/2021 8:54 AM	0.291	4.552	0.226
5/16/2021 9:00 AM	0.272	4.622	0.217
5/16/2021 9:06 AM	0.274	4.596	0.21
5/16/2021 9:12 AM	0.315	4.473	0.218
5/16/2021 9:18 AM	0.33	4.272	0.229
5/16/2021 9:24 AM	0.287	3.904	0.24
5/16/2021 9:30 AM	0.303	3.499	0.247
5/16/2021 9:36 AM	0.355	3.161	0.25
5/16/2021 9:42 AM	0.369	2.845	0.25
5/16/2021 9:48 AM	0.334	2.586	0.246
5/16/2021 9:54 AM	0.335	2.39	0.243
5/16/2021 10:00 AM	0.342	2.229	0.238
5/16/2021 10:06 AM	0.358	2.11	0.241
5/16/2021 10:12 AM	0.379	2.053	2.776
5/16/2021 10:18 AM	0.374	2.062	7.69
5/16/2021 10:24 AM	0.267	2.076	5.685
5/16/2021 10:30 AM	0.299	2.062	2.956
5/16/2021 10:36 AM	0.4	2.048	2.558
5/16/2021 10:42 AM	0.498	2.04	2.494
5/16/2021 10:48 AM	0.553	2.042	2.409
5/16/2021 10:54 AM	0.598	2.049	2.393
5/16/2021 11:00 AM	0.647	2.064	2.436
5/16/2021 11:06 AM	0.72	2.119	2.479
5/16/2021 11:12 AM	0.82	2.17	2.538
5/16/2021 11:18 AM	0.873	2.22	2.575
5/16/2021 11:24 AM	0.85	2.238	2.573
5/16/2021 11:30 AM	0.845	2.219	2.544
5/16/2021 11:36 AM	0.9	2.204	3.232
5/16/2021 11:42 AM	0.959	2.198	3.722

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/16/2021 11:48 AM	0.953	2.212	3.343
5/16/2021 11:54 AM	0.907	2.245	3.316
5/16/2021 12:00 PM	0.903	2.25	3.314
5/16/2021 12:06 PM	1.046	2.244	3.348
5/16/2021 12:12 PM	1.064	2.269	3.29
5/16/2021 12:18 PM	1.057	2.303	3.211
5/16/2021 12:24 PM	1.056	2.392	3.159
5/16/2021 12:30 PM	1.088	2.532	3.085
5/16/2021 12:36 PM	1.122	2.647	2.989
5/16/2021 12:42 PM	1.127	2.734	2.948
5/16/2021 12:48 PM	1.159	2.756	2.902
5/16/2021 12:54 PM	1.185	2.688	2.871
5/16/2021 1:00 PM	1.148	2.578	2.862
5/16/2021 1:06 PM	1.152	2.495	2.981
5/16/2021 1:12 PM	1.18	2.46	3.06
5/16/2021 1:18 PM	1.212	2.497	3.061
5/16/2021 1:24 PM	1.269	2.613	3.067
5/16/2021 1:30 PM	1.29	2.757	3.017
5/16/2021 1:36 PM	1.282	2.869	2.996
5/16/2021 1:42 PM	1.262	2.944	3.001
5/16/2021 1:48 PM	1.205	2.989	2.967
5/16/2021 1:54 PM	1.202	3.012	2.971
5/16/2021 2:00 PM	1.24	3.009	2.98
5/16/2021 2:06 PM	1.246	3.025	2.961
5/16/2021 2:12 PM	1.252	3.07	2.949
5/16/2021 2:18 PM	1.238	3.098	2.963
5/16/2021 2:24 PM	1.249	3.138	2.972
5/16/2021 2:30 PM	1.27	3.194	2.939
5/16/2021 2:36 PM	1.223	3.257	2.953
5/16/2021 2:42 PM	1.166	3.307	2.98
5/16/2021 2:48 PM	1.147	3.333	2.832
5/16/2021 2:54 PM	1.17	3.314	2.722
5/16/2021 3:00 PM	1.165	3.3	2.763
5/16/2021 3:06 PM	1.151	3.318	2.8
5/16/2021 3:12 PM	1.137	3.314	2.803
5/16/2021 3:18 PM	1.122	3.238	2.79
5/16/2021 3:24 PM	1.111	3.138	2.805
5/16/2021 3:30 PM	1.129	3.028	2.809
5/16/2021 3:36 PM	1.12	2.928	2.805
5/16/2021 3:42 PM	1.055	2.856	2.812
5/16/2021 3:48 PM	0.974	2.8	2.814
5/16/2021 3:54 PM	0.916	2.812	2.84
5/16/2021 4:00 PM	0.904	2.803	2.871
5/16/2021 4:06 PM	0.908	2.743	2.888
5/16/2021 4:12 PM	0.879	2.765	2.909
5/16/2021 4:18 PM	0.866	2.651	2.922
5/16/2021 4:24 PM	0.827	2.2	2.953
5/16/2021 4:30 PM	0.804	1.824	2.969
5/16/2021 4:36 PM	0.812	1.823	3.002
5/16/2021 4:42 PM	0.823	2.055	2.997
5/16/2021 4:48 PM	0.813	2.355	2.962
5/16/2021 4:54 PM	0.779	2.61	2.939
5/16/2021 5:00 PM	0.745	2.78	2.905
5/16/2021 5:06 PM	0.724	2.839	2.898

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/16/2021 5:12 PM	0.728	2.817	2.905
5/16/2021 5:18 PM	0.703	2.513	2.924
5/16/2021 5:24 PM	0.675	2.107	2.973
5/16/2021 5:30 PM	0.692	2.107	2.965
5/16/2021 5:36 PM	0.665	2.29	2.953
5/16/2021 5:42 PM	0.625	2.487	2.916
5/16/2021 5:48 PM	0.632	2.673	2.902
5/16/2021 5:54 PM	0.658	2.865	2.912
5/16/2021 6:00 PM	0.703	3.033	2.896
5/16/2021 6:06 PM	0.725	3.115	2.881
5/16/2021 6:12 PM	0.721	3.08	2.895
5/16/2021 6:18 PM	0.711	3.031	2.892
5/16/2021 6:24 PM	0.738	3.037	2.9
5/16/2021 6:30 PM	0.76	3.081	2.897
5/16/2021 6:36 PM	0.777	3.156	2.902
5/16/2021 6:42 PM	0.801	3.227	2.873
5/16/2021 6:48 PM	0.805	3.267	2.859
5/16/2021 6:54 PM	0.804	3.305	2.855
5/16/2021 7:00 PM	0.738	3.341	2.888
5/16/2021 7:06 PM	0.688	3.344	2.893
5/16/2021 7:12 PM	0.673	3.347	2.86
5/16/2021 7:18 PM	0.639	3.394	2.865
5/16/2021 7:24 PM	0.645	3.449	2.859
5/16/2021 7:30 PM	0.642	3.486	2.871
5/16/2021 7:36 PM	0.634	3.51	2.873
5/16/2021 7:42 PM	0.627	3.525	2.876
5/16/2021 7:48 PM	0.626	3.539	2.865
5/16/2021 7:54 PM	0.642	3.547	2.865
5/16/2021 8:00 PM	0.643	3.532	2.882
5/16/2021 8:06 PM	0.62	3.51	2.89
5/16/2021 8:12 PM	0.603	3.515	2.899
5/16/2021 8:18 PM	0.624	3.53	2.911
5/16/2021 8:24 PM	0.646	3.532	2.906
5/16/2021 8:30 PM	0.649	3.521	2.9
5/16/2021 8:36 PM	0.638	3.514	2.901
5/16/2021 8:42 PM	0.642	3.532	2.925
5/16/2021 8:48 PM	0.635	3.554	2.91
5/16/2021 8:54 PM	0.619	3.573	2.895
5/16/2021 9:00 PM	0.633	3.604	2.892
5/16/2021 9:06 PM	0.644	3.626	2.876
5/16/2021 9:12 PM	0.654	3.643	2.894
5/16/2021 9:18 PM	0.663	3.648	2.901
5/16/2021 9:24 PM	0.661	3.628	2.887
5/16/2021 9:30 PM	0.637	3.598	2.912
5/16/2021 9:36 PM	0.606	3.575	2.918
5/16/2021 9:42 PM	0.599	3.562	2.913
5/16/2021 9:48 PM	0.609	3.53	2.919
5/16/2021 9:54 PM	0.653	3.464	2.936
5/16/2021 10:00 PM	0.678	3.372	2.933
5/16/2021 10:06 PM	0.702	3.27	2.922
5/16/2021 10:12 PM	0.711	3.168	2.928
5/16/2021 10:18 PM	0.714	3.093	2.94
5/16/2021 10:24 PM	0.718	3.052	2.952
5/16/2021 10:30 PM	0.836	3.023	3.01

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/16/2021 10:36 PM	1.024	3.003	1.54
5/16/2021 10:42 PM	0.955	3.009	0.05
5/16/2021 10:48 PM	0.928	2.997	0.07
5/16/2021 10:54 PM	0.938	2.968	0.068
5/16/2021 11:00 PM	0.927	2.957	0.082
5/16/2021 11:06 PM	0.914	2.941	0.097
5/16/2021 11:12 PM	0.865	2.926	0.098
5/16/2021 11:18 PM	0.802	2.924	0.11
5/16/2021 11:24 PM	0.77	2.913	0.12
5/16/2021 11:30 PM	0.728	2.899	0.097
5/16/2021 11:36 PM	0.636	2.894	0.101
5/16/2021 11:42 PM	0.55	2.888	0.105
5/16/2021 11:48 PM	0.513	2.887	0.103
5/16/2021 11:54 PM	0.309	2.881	0.1
5/17/2021 12:00 AM	0.114	2.862	0.096
5/17/2021 12:06 AM	0.074	2.832	0.112
5/17/2021 12:12 AM	0.032	2.806	0.109
5/17/2021 12:18 AM	0.034	2.793	0.108
5/17/2021 12:24 AM	0.043	2.789	0.106
5/17/2021 12:30 AM	0.046	2.789	0.114
5/17/2021 12:36 AM	0.086	2.809	0.108
5/17/2021 12:42 AM	0.113	2.848	0.101
5/17/2021 12:48 AM	0.14	2.87	0.111
5/17/2021 12:54 AM	0.172	2.889	0.112
5/17/2021 1:00 AM	0.22	2.909	0.114
5/17/2021 1:06 AM	0.267	2.931	0.105
5/17/2021 1:12 AM	0.295	2.941	0.103
5/17/2021 1:18 AM	0.33	2.928	0.097
5/17/2021 1:24 AM	0.34	2.905	0.101
5/17/2021 1:30 AM	0.373	2.863	0.098
5/17/2021 1:36 AM	0.4	2.821	0.092
5/17/2021 1:42 AM	0.417	2.793	0.106
5/17/2021 1:48 AM	0.417	2.773	0.118
5/17/2021 1:54 AM	0.412	2.769	0.13
5/17/2021 2:00 AM	0.415	2.766	0.12
5/17/2021 2:06 AM	0.397	2.744	0.1
5/17/2021 2:12 AM	0.409	2.713	0.11
5/17/2021 2:18 AM	0.437	2.698	0.12
5/17/2021 2:24 AM	0.427	2.686	0.13
5/17/2021 2:30 AM	0.413	2.657	0.147
5/17/2021 2:36 AM	0.43	2.649	0.146
5/17/2021 2:42 AM	0.466	2.662	0.144
5/17/2021 2:48 AM	0.453	2.66	0.138
5/17/2021 2:54 AM	0.427	2.648	0.135
5/17/2021 3:00 AM	0.417	2.628	0.136
5/17/2021 3:06 AM	0.407	2.614	0.121
5/17/2021 3:12 AM	0.445	2.602	0.115
5/17/2021 3:18 AM	0.446	2.583	0.123
5/17/2021 3:24 AM	0.41	2.565	0.12
5/17/2021 3:30 AM	0.418	2.555	0.119
5/17/2021 3:36 AM	0.423	2.549	0.125
5/17/2021 3:42 AM	0.435	2.537	0.132
5/17/2021 3:48 AM	0.444	2.524	0.134
5/17/2021 3:54 AM	0.436	2.522	0.129

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/17/2021 4:00 AM	0.458	2.524	0.131
5/17/2021 4:06 AM	0.442	2.515	0.133
5/17/2021 4:12 AM	0.227	2.509	0.136
5/17/2021 4:18 AM	-0.131	2.511	0.138
5/17/2021 4:24 AM	-0.17	2.529	0.134
5/17/2021 4:30 AM	-0.045	2.562	0.146
5/17/2021 4:36 AM	0.041	2.605	0.145
5/17/2021 4:42 AM	0.09	2.648	0.139
5/17/2021 4:48 AM	0.133	2.674	0.13
5/17/2021 4:54 AM	0.158	2.719	0.138
5/17/2021 5:00 AM	0.136	2.918	0.147
5/17/2021 5:06 AM	0.133	3.29	0.16
5/17/2021 5:12 AM	0.16	3.563	0.158
5/17/2021 5:18 AM	0.161	3.698	0.15
5/17/2021 5:24 AM	0.141	3.803	0.157
5/17/2021 5:30 AM	0.109	3.877	0.159
5/17/2021 5:36 AM	0.098	3.908	0.155
5/17/2021 5:42 AM	0.093	3.93	0.155
5/17/2021 5:48 AM	0.091	3.968	0.156
5/17/2021 5:54 AM	0.099	4.008	0.164
5/17/2021 6:00 AM	0.121	4.031	0.162
5/17/2021 6:06 AM	0.124	4.048	0.152
5/17/2021 6:12 AM	0.354	3.997	0.137
5/17/2021 6:18 AM	0.592	3.884	0.141
5/17/2021 6:24 AM	0.642	3.785	0.138
5/17/2021 6:30 AM	0.658	3.677	0.127
5/17/2021 6:36 AM	0.539	3.537	0.121
5/17/2021 6:42 AM	0.482	3.387	0.115
5/17/2021 6:48 AM	0.47	3.223	0.11
5/17/2021 6:54 AM	0.446	3.055	0.096
5/17/2021 7:00 AM	0.396	2.912	0.079
5/17/2021 7:06 AM	0.383	2.796	0.065
5/17/2021 7:12 AM	0.384	2.662	0.058
5/17/2021 7:18 AM	0.382	2.502	0.055
5/17/2021 7:24 AM	0.36	2.347	0.048
5/17/2021 7:30 AM	0.348	2.204	0.035
5/17/2021 7:36 AM	0.321	2.082	0.034
5/17/2021 7:42 AM	0.314	1.979	0.044
5/17/2021 7:48 AM	0.338	1.893	0.04
5/17/2021 7:54 AM	0.419	1.815	0.033
5/17/2021 8:00 AM	0.464	1.748	0.031
5/17/2021 8:06 AM	0.491	1.711	0.035
5/17/2021 8:12 AM	0.525	1.668	0.037
5/17/2021 8:18 AM	0.542	1.617	0.029
5/17/2021 8:24 AM	0.558	1.547	0.037
5/17/2021 8:30 AM	0.551	1.456	0.045
5/17/2021 8:36 AM	0.548	5.991	0.043
5/17/2021 8:42 AM	0.378	19.032	0.042
5/17/2021 8:48 AM	0.294	14.523	0.042
5/17/2021 8:54 AM	0.44	7.925	0.041
5/17/2021 9:00 AM	0.514	7.383	0.045
5/17/2021 9:06 AM	0.548	5.642	0.045
5/17/2021 9:12 AM	0.594	4.651	0.047
5/17/2021 9:18 AM	0.625	4.472	0.059

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/17/2021 9:24 AM	0.654	4.518	0.077
5/17/2021 9:30 AM	0.686	4.415	0.093
5/17/2021 9:36 AM	0.733	3.791	0.106
5/17/2021 9:42 AM	0.735	3.067	0.121
5/17/2021 9:48 AM	0.734	2.632	0.138
5/17/2021 9:54 AM	0.759	2.431	0.143
5/17/2021 10:00 AM	0.791	2.252	0.149
5/17/2021 10:06 AM	0.821	2.09	0.155
5/17/2021 10:12 AM	0.851	1.99	0.16
5/17/2021 10:18 AM	0.888	1.926	0.167
5/17/2021 10:24 AM	0.93	1.75	0.175
5/17/2021 10:30 AM	0.947	1.663	0.18
5/17/2021 10:36 AM	0.952	1.623	0.181
5/17/2021 10:42 AM	0.958	1.587	0.186
5/17/2021 10:48 AM	0.956	1.523	0.185
5/17/2021 10:54 AM	0.964	1.497	0.192
5/17/2021 11:00 AM	0.995	1.496	0.196
5/17/2021 11:06 AM	1.003	1.504	0.19
5/17/2021 11:12 AM	0.977	1.543	0.193
5/17/2021 11:18 AM	0.952	1.523	0.195
5/17/2021 11:24 AM	0.908	1.49	0.197
5/17/2021 11:30 AM	0.811	1.457	0.192
5/17/2021 11:36 AM	0.797	1.413	0.184
5/17/2021 11:42 AM	0.845	1.398	0.19
5/17/2021 11:48 AM	0.853	1.416	0.194
5/17/2021 11:54 AM	0.875	1.417	0.202
5/17/2021 12:00 PM	0.856	1.378	0.201
5/17/2021 12:06 PM	0.721	1.346	0.189
5/17/2021 12:12 PM	0.723	1.368	0.192
5/17/2021 12:18 PM	0.746	1.385	0.193
5/17/2021 12:24 PM	0.808	1.362	0.194
5/17/2021 12:30 PM	0.861	1.347	0.195
5/17/2021 12:36 PM	0.745	1.37	0.193
5/17/2021 12:42 PM	0.569	1.374	0.201
5/17/2021 12:48 PM	0.508	1.375	0.199
5/17/2021 12:54 PM	0.472	1.476	0.189
5/17/2021 1:00 PM	0.46	1.538	0.184
5/17/2021 1:06 PM	0.472	1.567	0.189
5/17/2021 1:12 PM	0.492	1.511	0.201
5/17/2021 1:18 PM	0.536	1.456	0.21
5/17/2021 1:24 PM	0.575	1.486	0.22
5/17/2021 1:30 PM	0.571	1.488	0.216
5/17/2021 1:36 PM	0.569	1.498	0.209
5/17/2021 1:42 PM	0.564	1.427	0.206
5/17/2021 1:48 PM	0.557	1.337	0.21
5/17/2021 1:54 PM	0.565	1.406	0.22
5/17/2021 2:00 PM	0.606	1.455	0.231
5/17/2021 2:06 PM	0.696	1.454	0.24
5/17/2021 2:12 PM	0.765	1.492	0.254
5/17/2021 2:18 PM	0.801	1.546	0.261
5/17/2021 2:24 PM	0.857	1.574	0.262
5/17/2021 2:30 PM	1.024	1.595	0.262
5/17/2021 2:36 PM	1.199	1.602	0.263
5/17/2021 2:42 PM	1.21	1.597	0.251

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54 All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/17/2021 2:48 PM	1.157	1.518	0.236
5/17/2021 2:54 PM	1.141	1.461	0.23
5/17/2021 3:00 PM	1.19	1.408	0.24
5/17/2021 3:06 PM	1.206	1.338	0.255
5/17/2021 3:12 PM	1.169	1.307	0.258
5/17/2021 3:18 PM	1.152	1.293	0.259
5/17/2021 3:24 PM	1.105	1.242	0.259
5/17/2021 3:30 PM	1.078	1.198	0.26
5/17/2021 3:36 PM	1.052	1.235	0.257
5/17/2021 3:42 PM	1	1.246	0.26
5/17/2021 3:48 PM	0.956	1.25	0.263
5/17/2021 3:54 PM	0.951	1.227	0.267
5/17/2021 4:00 PM	0.944	1.255	0.268
5/17/2021 4:06 PM	0.916	1.238	0.268
5/17/2021 4:12 PM	0.927	1.249	0.265
5/17/2021 4:18 PM	0.92	1.266	0.272
5/17/2021 4:24 PM	1.005	1.09	0.275
5/17/2021 4:30 PM	0.87	0.955	0.271
5/17/2021 4:36 PM	0.704	0.612	0.271
5/17/2021 4:42 PM	0.775	0.354	0.274
5/17/2021 4:48 PM	0.753	0.397	0.276
5/17/2021 4:54 PM	0.739	0.349	0.287
5/17/2021 5:00 PM	0.734	0.297	0.286
5/17/2021 5:06 PM	0.718	0.247	0.279
5/17/2021 5:12 PM	0.85	0.238	0.276
5/17/2021 5:18 PM	0.999	0.24	0.276
5/17/2021 5:24 PM	1.044	0.209	0.276
5/17/2021 5:30 PM	1.264	0.165	0.278
5/17/2021 5:36 PM	1.204	0.161	0.285
5/17/2021 5:42 PM	1.055	0.119	0.292
5/17/2021 5:48 PM	0.917	0.083	0.296
5/17/2021 5:54 PM	0.869	0.111	0.303
5/17/2021 6:00 PM	0.849	0.174	0.309
5/17/2021 6:06 PM	0.808	0.187	0.312
5/17/2021 6:12 PM	0.765	0.196	0.315
5/17/2021 6:18 PM	0.737	0.166	0.316
5/17/2021 6:24 PM	0.724	0.122	0.314
5/17/2021 6:30 PM	0.691	0.127	0.319
5/17/2021 6:36 PM	0.667	0.113	0.326
5/17/2021 6:42 PM	0.676	0.134	0.328
5/17/2021 6:48 PM	0.674	0.152	0.329
5/17/2021 6:54 PM	0.644	0.124	0.331
5/17/2021 7:00 PM	0.385	10.121	0.332
5/17/2021 7:06 PM	-0.028	13.838	0.338
5/17/2021 7:12 PM	-0.135	4.797	0.34
5/17/2021 7:18 PM	-0.105	3.263	0.337
5/17/2021 7:24 PM	-0.054	2.71	0.34
5/17/2021 7:30 PM	0.082	2.294	0.35
5/17/2021 7:36 PM	0.238	2.041	0.358
5/17/2021 7:42 PM	0.293	1.899	0.358
5/17/2021 7:48 PM	0.327	1.53	0.354
5/17/2021 7:54 PM	0.382	1.378	0.352
5/17/2021 8:00 PM	0.44	1.483	0.35
5/17/2021 8:06 PM	0.49	1.547	0.35

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/17/2021 8:12 PM	0.539	1.62	0.347
5/17/2021 8:18 PM	0.588	1.628	0.351
5/17/2021 8:24 PM	0.582	1.597	0.354
5/17/2021 8:30 PM	0.624	1.567	0.36
5/17/2021 8:36 PM	0.664	1.524	0.373
5/17/2021 8:42 PM	0.667	1.492	0.376
5/17/2021 8:48 PM	0.675	1.437	0.377
5/17/2021 8:54 PM	0.675	1.383	0.382
5/17/2021 9:00 PM	0.671	1.383	0.381
5/17/2021 9:06 PM	0.682	1.349	0.382
5/17/2021 9:12 PM	0.701	1.331	0.385
5/17/2021 9:18 PM	0.703	1.369	0.389
5/17/2021 9:24 PM	0.717	1.321	0.385
5/17/2021 9:30 PM	0.737	1.299	0.386
5/17/2021 9:36 PM	0.73	1.349	0.39
5/17/2021 9:42 PM	0.727	1.316	0.389
5/17/2021 9:48 PM	0.745	1.282	0.387
5/17/2021 9:54 PM	0.736	1.254	0.39
5/17/2021 10:00 PM	0.768	1.265	0.395
5/17/2021 10:06 PM	0.799	1.224	0.398
5/17/2021 10:12 PM	0.783	1.194	0.398
5/17/2021 10:18 PM	1.028	1.012	0.393
5/17/2021 10:24 PM	0.743	0.466	0.389
5/17/2021 10:30 PM	0.041	0.187	0.392
5/17/2021 10:36 PM	0.002	0.157	0.394
5/17/2021 10:42 PM	0.259	0.144	0.394
5/17/2021 10:48 PM	0.49	0.147	0.399
5/17/2021 10:54 PM	0.591	0.115	0.401
5/17/2021 11:00 PM	0.788	0.089	0.402
5/17/2021 11:06 PM	0.871	0.076	0.401
5/17/2021 11:12 PM	0.751	0.055	0.401
5/17/2021 11:18 PM	0.78	0.063	0.402
5/17/2021 11:24 PM	0.893	0.096	0.403
5/17/2021 11:30 PM	0.855	0.065	0.407
5/17/2021 11:36 PM	0.776	0.029	0.405
5/17/2021 11:42 PM	0.673	0.08	0.406
5/17/2021 11:48 PM	0.638	0.088	0.406
5/17/2021 11:54 PM	0.648	0.092	0.406
5/18/2021 12:00 AM	0.641	0.105	0.409
5/18/2021 12:06 AM	0.617	0.133	0.41
5/18/2021 12:12 AM	0.618	0.147	0.411
5/18/2021 12:18 AM	0.596	0.127	0.41
5/18/2021 12:24 AM	0.568	0.103	0.41
5/18/2021 12:30 AM	0.549	0.126	0.413
5/18/2021 12:36 AM	0.553	0.127	0.413
5/18/2021 12:42 AM	0.525	0.12	0.411
5/18/2021 12:48 AM	0.31	0.134	0.409
5/18/2021 12:54 AM	0	0.117	0.411
5/18/2021 1:00 AM	-0.078	0.148	0.414
5/18/2021 1:06 AM	0.005	0.171	0.413
5/18/2021 1:12 AM	0.074	0.118	0.412
5/18/2021 1:18 AM	0.108	0.12	0.413
5/18/2021 1:24 AM	0.123	0.195	0.413
5/18/2021 1:30 AM	0.081	0.18	0.412

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/18/2021 1:36 AM	0.046	0.154	0.415
5/18/2021 1:42 AM	-0.021	0.18	0.421
5/18/2021 1:48 AM	-0.039	0.176	0.424
5/18/2021 1:54 AM	-0.134	0.165	0.427
5/18/2021 2:00 AM	-0.182	0.117	0.429
5/18/2021 2:06 AM	-0.083	0.116	0.427
5/18/2021 2:12 AM	-0.009	0.083	0.425
5/18/2021 2:18 AM	-0.105	0.157	0.43
5/18/2021 2:24 AM	-0.341	0.237	0.433
5/18/2021 2:30 AM	-0.37	0.218	0.433
5/18/2021 2:36 AM	-0.339	0.186	0.433
5/18/2021 2:42 AM	-0.339	0.172	0.435
5/18/2021 2:48 AM	-0.337	0.164	0.437
5/18/2021 2:54 AM	-0.309	0.178	0.437
5/18/2021 3:00 AM	-0.309	0.206	0.432
5/18/2021 3:06 AM	-0.29	0.221	0.428
5/18/2021 3:12 AM	-0.141	0.194	0.423
5/18/2021 3:18 AM	0	0.13	0.424
5/18/2021 3:24 AM	0.097	0.132	0.429
5/18/2021 3:30 AM	0.148	0.167	0.432
5/18/2021 3:36 AM	0.185	0.128	0.431
5/18/2021 3:42 AM	0.189	0.101	0.43
5/18/2021 3:48 AM	0.168	0.13	0.431
5/18/2021 3:54 AM	0.179	0.157	0.433
5/18/2021 4:00 AM	0.142	0.166	0.435
5/18/2021 4:06 AM	-0.041	0.172	0.432
5/18/2021 4:12 AM	-0.212	0.147	0.432
5/18/2021 4:18 AM	-0.238	0.135	0.432
5/18/2021 4:24 AM	-0.256	0.2	0.43
5/18/2021 4:30 AM	-0.26	0.232	0.429
5/18/2021 4:36 AM	-0.258	0.272	0.432
5/18/2021 4:42 AM	-0.263	0.266	0.432
5/18/2021 4:48 AM	-0.264	0.277	0.432
5/18/2021 4:54 AM	-0.261	0.24	0.432
5/18/2021 5:00 AM	-0.259	0.197	0.433
5/18/2021 5:06 AM	-0.281	0.178	0.432
5/18/2021 5:12 AM	-0.284	0.186	0.433
5/18/2021 5:18 AM	-0.302	0.2	0.436
5/18/2021 5:24 AM	-0.309	0.217	0.435
5/18/2021 5:30 AM	-0.305	0.21	0.433
5/18/2021 5:36 AM	-0.28	0.163	0.428
5/18/2021 5:42 AM	-0.277	0.178	0.423
5/18/2021 5:48 AM	-0.287	0.19	0.42
5/18/2021 5:54 AM	-0.294	0.138	0.417
5/18/2021 6:00 AM	-0.264	0.133	0.414
5/18/2021 6:06 AM	-0.229	0.173	0.415
5/18/2021 6:12 AM	-0.235	0.168	0.419
5/18/2021 6:18 AM	-0.249	0.162	0.423
5/18/2021 6:24 AM	-0.21	0.152	0.42
5/18/2021 6:30 AM	-0.15	0.122	0.418
5/18/2021 6:36 AM	-0.154	0.094	0.417
5/18/2021 6:42 AM	-0.179	0.115	0.408
5/18/2021 6:48 AM	-0.147	0.126	0.393
5/18/2021 6:54 AM	-0.152	0.128	0.377

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/18/2021 7:00 AM	-0.098	0.12	0.364
5/18/2021 7:06 AM	-0.057	0.124	0.356
5/18/2021 7:12 AM	-0.073	0.125	0.354
5/18/2021 7:18 AM	-0.078	0.117	0.353
5/18/2021 7:24 AM	0.105	0.093	0.347
5/18/2021 7:30 AM	0.43	0.08	0.345
5/18/2021 7:36 AM	0.547	0.121	0.345
5/18/2021 7:42 AM	0.555	0.133	0.344
5/18/2021 7:48 AM	0.523	0.134	0.345
5/18/2021 7:54 AM	0.535	0.117	0.345
5/18/2021 8:00 AM	0.539	0.105	0.34
5/18/2021 8:06 AM	0.498	0.125	0.34
5/18/2021 8:12 AM	0.49	0.16	0.342
5/18/2021 8:18 AM	0.492	0.155	6.74
5/18/2021 8:24 AM	0.391	0.171	10.196
5/18/2021 8:30 AM	0.412	0.178	4.269
5/18/2021 8:36 AM	0.507	0.183	2.643
5/18/2021 8:42 AM	0.577	0.169	2.388
5/18/2021 8:48 AM	0.604	0.165	2.282
5/18/2021 8:54 AM	0.614	0.164	2.245
5/18/2021 9:00 AM	0.628	0.207	2.224
5/18/2021 9:06 AM	0.612	0.234	2.17
5/18/2021 9:12 AM	0.612	0.224	2.157
5/18/2021 9:18 AM	0.625	0.238	2.16
5/18/2021 9:24 AM	0.633	0.241	2.164
5/18/2021 9:30 AM	0.644	0.226	2.202
5/18/2021 9:36 AM	0.673	0.246	2.249
5/18/2021 9:42 AM	0.705	0.279	2.257
5/18/2021 9:48 AM	0.73	0.264	2.248
5/18/2021 9:54 AM	0.756	0.245	2.285
5/18/2021 10:00 AM	0.788	0.27	2.284
5/18/2021 10:06 AM	0.848	0.308	2.24
5/18/2021 10:12 AM	0.891	0.297	2.224
5/18/2021 10:18 AM	0.944	0.284	2.214
5/18/2021 10:24 AM	1.011	0.297	2.186
5/18/2021 10:30 AM	1.041	0.306	2.209
5/18/2021 10:36 AM	1.066	0.327	2.25
5/18/2021 10:42 AM	1.122	0.327	2.257
5/18/2021 10:48 AM	1.137	0.345	2.265
5/18/2021 10:54 AM	1.128	0.364	2.247
5/18/2021 11:00 AM	1.163	0.361	2.26
5/18/2021 11:06 AM	1.185	0.35	2.279
5/18/2021 11:12 AM	1.175	0.358	2.297
5/18/2021 11:18 AM	1.16	0.342	2.295
5/18/2021 11:24 AM	1.181	0.344	2.323
5/18/2021 11:30 AM	1.157	0.336	2.343
5/18/2021 11:36 AM	1.086	0.323	2.315
5/18/2021 11:42 AM	1.025	0.361	2.301
5/18/2021 11:48 AM	1.056	0.353	2.272
5/18/2021 11:54 AM	1.136	0.348	2.29
5/18/2021 12:00 PM	1.166	0.335	2.268
5/18/2021 12:06 PM	1.193	0.407	2.198
5/18/2021 12:12 PM	1.183	0.446	2.236
5/18/2021 12:18 PM	1.2	0.479	2.239

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
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0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/18/2021 12:24 PM	1.281	0.46	2.273
5/18/2021 12:30 PM	1.299	0.436	2.305
5/18/2021 12:36 PM	1.328	0.414	2.316
5/18/2021 12:42 PM	1.301	0.422	2.324
5/18/2021 12:48 PM	1.262	0.461	2.317
5/18/2021 12:54 PM	1.303	0.464	2.301
5/18/2021 1:00 PM	1.374	0.465	2.275
5/18/2021 1:06 PM	1.35	0.461	2.259
5/18/2021 1:12 PM	1.287	0.467	2.262
5/18/2021 1:18 PM	1.276	0.461	2.284
5/18/2021 1:24 PM	1.247	0.49	2.27
5/18/2021 1:30 PM	1.223	0.53	2.25
5/18/2021 1:36 PM	1.244	0.574	2.279
5/18/2021 1:42 PM	1.268	0.621	2.29
5/18/2021 1:48 PM	1.252	0.655	2.304
5/18/2021 1:54 PM	1.214	0.664	2.301
5/18/2021 2:00 PM	1.152	0.652	2.271
5/18/2021 2:06 PM	1.147	0.676	2.304
5/18/2021 2:12 PM	1.2	0.703	2.339
5/18/2021 2:18 PM	1.223	0.74	2.302
5/18/2021 2:24 PM	1.202	0.755	2.296
5/18/2021 2:30 PM	1.197	0.747	2.28
5/18/2021 2:36 PM	1.218	0.799	2.271
5/18/2021 2:42 PM	1.245	0.868	2.269
5/18/2021 2:48 PM	1.266	0.901	2.247
5/18/2021 2:54 PM	1.268	0.93	2.257
5/18/2021 3:00 PM	1.243	0.957	2.281
5/18/2021 3:06 PM	1.31	1.014	2.26
5/18/2021 3:12 PM	1.374	1.155	2.252
5/18/2021 3:18 PM	1.38	1.264	2.175
5/18/2021 3:24 PM	1.429	1.407	1.972
5/18/2021 3:30 PM	1.443	1.501	1.971
5/18/2021 3:36 PM	1.464	1.555	2.003
5/18/2021 3:42 PM	1.447	1.543	2.046
5/18/2021 3:48 PM	1.369	1.543	2.037
5/18/2021 3:54 PM	1.352	1.537	2.032
5/18/2021 4:00 PM	1.422	1.535	2.058
5/18/2021 4:06 PM	1.436	1.499	2.077
5/18/2021 4:12 PM	1.408	1.56	2.076
5/18/2021 4:18 PM	1.429	1.563	2.085
5/18/2021 4:24 PM	1.453	1.394	2.085
5/18/2021 4:30 PM	1.428	1.312	2.063
5/18/2021 4:36 PM	1.382	1.233	2.045
5/18/2021 4:42 PM	1.342	1.283	2.058
5/18/2021 4:48 PM	1.352	1.374	2.095
5/18/2021 4:54 PM	1.392	1.285	2.103
5/18/2021 5:00 PM	1.383	1.159	2.113
5/18/2021 5:06 PM	1.374	1.164	2.127
5/18/2021 5:12 PM	1.344	1.278	2.088
5/18/2021 5:18 PM	1.385	1.319	2.075
5/18/2021 5:24 PM	1.406	1.308	2.08
5/18/2021 5:30 PM	1.398	1.315	2.09
5/18/2021 5:36 PM	1.406	1.355	2.133
5/18/2021 5:42 PM	1.422	1.353	2.124

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/18/2021 5:48 PM	1.435	1.334	2.095
5/18/2021 5:54 PM	1.438	1.302	2.092
5/18/2021 6:00 PM	1.411	1.278	2.076
5/18/2021 6:06 PM	1.319	1.236	2.081
5/18/2021 6:12 PM	1.281	1.203	2.121
5/18/2021 6:18 PM	1.252	1.129	2.148
5/18/2021 6:24 PM	1.26	1.077	2.128
5/18/2021 6:30 PM	1.275	1.091	2.149
5/18/2021 6:36 PM	1.264	1.087	2.141
5/18/2021 6:42 PM	1.231	1.032	2.116
5/18/2021 6:48 PM	1.232	1.011	2.092
5/18/2021 6:54 PM	1.244	1.071	2.096
5/18/2021 7:00 PM	1.236	1.047	2.083
5/18/2021 7:06 PM	1.245	0.989	2.106
5/18/2021 7:12 PM	1.255	0.955	2.117
5/18/2021 7:18 PM	1.292	0.954	2.097
5/18/2021 7:24 PM	1.342	0.969	2.124
5/18/2021 7:30 PM	1.291	0.968	2.134
5/18/2021 7:36 PM	1.239	0.976	2.125
5/18/2021 7:42 PM	1.233	0.984	2.138
5/18/2021 7:48 PM	1.208	0.983	2.145
5/18/2021 7:54 PM	1.186	0.978	2.163
5/18/2021 8:00 PM	1.186	0.967	2.137
5/18/2021 8:06 PM	1.21	0.979	2.088
5/18/2021 8:12 PM	1.204	0.986	2.076
5/18/2021 8:18 PM	1.199	0.995	2.107
5/18/2021 8:24 PM	1.186	1.005	2.1
5/18/2021 8:30 PM	1.136	1.017	2.099
5/18/2021 8:36 PM	1.117	1.023	2.114
5/18/2021 8:42 PM	1.133	1.039	2.112
5/18/2021 8:48 PM	1.154	1.048	2.1
5/18/2021 8:54 PM	1.175	1.065	2.114
5/18/2021 9:00 PM	1.196	1.075	2.113
5/18/2021 9:06 PM	1.214	1.073	2.126
5/18/2021 9:12 PM	1.214	1.095	2.159
5/18/2021 9:18 PM	1.207	1.125	2.166
5/18/2021 9:24 PM	1.181	1.128	2.178
5/18/2021 9:30 PM	1.186	1.128	2.176
5/18/2021 9:36 PM	1.288	1.142	2.172
5/18/2021 9:42 PM	1.359	1.156	2.162
5/18/2021 9:48 PM	1.315	1.162	2.157
5/18/2021 9:54 PM	1.269	1.172	2.183
5/18/2021 10:00 PM	1.276	1.167	2.165
5/18/2021 10:06 PM	1.281	1.189	2.145
5/18/2021 10:12 PM	1.244	1.206	2.161
5/18/2021 10:18 PM	1.252	1.217	2.16
5/18/2021 10:24 PM	1.235	1.229	2.161
5/18/2021 10:30 PM	1.219	1.241	2.176
5/18/2021 10:36 PM	1.246	1.235	2.169
5/18/2021 10:42 PM	1.247	1.252	2.188
5/18/2021 10:48 PM	1.236	1.286	2.162
5/18/2021 10:54 PM	1.236	1.307	2.166
5/18/2021 11:00 PM	1.226	1.306	2.174
5/18/2021 11:06 PM	1.235	1.333	2.157

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
End of Report: 6/30/2021



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23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/18/2021 11:12 PM	1.281	1.358	2.17
5/18/2021 11:18 PM	1.308	1.356	2.194
5/18/2021 11:24 PM	1.268	1.382	2.158
5/18/2021 11:30 PM	1.218	1.412	2.159
5/18/2021 11:36 PM	1.162	1.42	2.166
5/18/2021 11:42 PM	1.137	1.425	2.158
5/18/2021 11:48 PM	1.146	1.439	2.21
5/18/2021 11:54 PM	1.115	1.458	2.195
5/19/2021 12:00 AM	1.043	1.464	2.163
5/19/2021 12:06 AM	1.064	1.477	2.183
5/19/2021 12:12 AM	1.07	1.501	2.17
5/19/2021 12:18 AM	1.063	1.517	2.171
5/19/2021 12:24 AM	1.063	1.546	2.22
5/19/2021 12:30 AM	1.092	1.552	2.199
5/19/2021 12:36 AM	1.09	1.556	2.183
5/19/2021 12:42 AM	1.045	1.557	2.18
5/19/2021 12:48 AM	1.039	1.548	2.195
5/19/2021 12:54 AM	1.003	1.529	2.205
5/19/2021 1:00 AM	0.986	1.535	2.208
5/19/2021 1:06 AM	0.986	1.544	2.236
5/19/2021 1:12 AM	0.916	1.532	2.178
5/19/2021 1:18 AM	0.809	1.532	2.165
5/19/2021 1:24 AM	0.796	1.544	2.142
5/19/2021 1:30 AM	0.819	1.546	2.173
5/19/2021 1:36 AM	0.84	1.537	2.191
5/19/2021 1:42 AM	0.729	1.553	2.437
5/19/2021 1:48 AM	0.11	1.587	2.683
5/19/2021 1:54 AM	-0.547	1.598	2.549
5/19/2021 2:00 AM	-0.609	1.599	2.535
5/19/2021 2:06 AM	-0.635	1.612	2.545
5/19/2021 2:12 AM	-0.593	1.623	2.539
5/19/2021 2:18 AM	-0.555	1.635	2.552
5/19/2021 2:24 AM	-0.544	1.652	2.534
5/19/2021 2:30 AM	-0.515	1.654	2.534
5/19/2021 2:36 AM	-0.5	1.648	2.601
5/19/2021 2:42 AM	-0.53	1.637	2.622
5/19/2021 2:48 AM	-0.537	1.642	2.628
5/19/2021 2:54 AM	-0.491	1.666	2.569
5/19/2021 3:00 AM	-0.48	1.683	2.539
5/19/2021 3:06 AM	-0.46	1.683	2.514
5/19/2021 3:12 AM	-0.397	1.684	2.495
5/19/2021 3:18 AM	-0.421	1.751	2.465
5/19/2021 3:24 AM	-0.412	1.793	2.448
5/19/2021 3:30 AM	-0.328	1.789	2.403
5/19/2021 3:36 AM	-0.301	1.774	2.363
5/19/2021 3:42 AM	-0.348	1.782	2.349
5/19/2021 3:48 AM	-0.309	1.791	2.364
5/19/2021 3:54 AM	-0.318	1.769	2.355
5/19/2021 4:00 AM	-0.312	1.768	2.391
5/19/2021 4:06 AM	-0.263	1.77	2.412
5/19/2021 4:12 AM	-0.241	1.813	2.406
5/19/2021 4:18 AM	-0.267	1.876	2.418
5/19/2021 4:24 AM	-0.271	1.917	2.465
5/19/2021 4:30 AM	-0.274	1.953	2.497

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/19/2021 4:36 AM	-0.276	1.989	2.87
5/19/2021 4:42 AM	-0.262	2.032	3.929
5/19/2021 4:48 AM	-0.243	2.065	4.602
5/19/2021 4:54 AM	-0.225	2.119	4.544
5/19/2021 5:00 AM	-0.2	2.206	4.523
5/19/2021 5:06 AM	-0.202	2.268	4.5
5/19/2021 5:12 AM	-0.202	2.286	4.482
5/19/2021 5:18 AM	-0.231	2.466	4.433
5/19/2021 5:24 AM	-0.238	2.735	4.404
5/19/2021 5:30 AM	-0.203	2.917	4.345
5/19/2021 5:36 AM	-0.206	2.875	3.94
5/19/2021 5:42 AM	-0.178	2.761	3.505
5/19/2021 5:48 AM	-0.148	2.942	3.455
5/19/2021 5:54 AM	-0.151	3.129	3.409
5/19/2021 6:00 AM	-0.106	3.217	3.402
5/19/2021 6:06 AM	-0.086	3.353	3.428
5/19/2021 6:12 AM	-0.101	3.299	3.401
5/19/2021 6:18 AM	-0.064	3.191	3.377
5/19/2021 6:24 AM	-0.061	3.097	3.353
5/19/2021 6:30 AM	-0.04	2.955	3.291
5/19/2021 6:36 AM	-0.011	2.916	3.301
5/19/2021 6:42 AM	-0.035	2.877	3.302
5/19/2021 6:48 AM	-0.032	2.776	3.192
5/19/2021 6:54 AM	0.053	2.655	3.161
5/19/2021 7:00 AM	0.055	2.547	3.139
5/19/2021 7:06 AM	0.066	2.387	3.1
5/19/2021 7:12 AM	0.114	2.206	3.061
5/19/2021 7:18 AM	0.144	2	3.058
5/19/2021 7:24 AM	0.156	1.879	3.056
5/19/2021 7:30 AM	0.201	1.731	3.037
5/19/2021 7:36 AM	0.22	1.532	3.037
5/19/2021 7:42 AM	0.254	1.282	3.027
5/19/2021 7:48 AM	2.697	1.134	3.062
5/19/2021 7:54 AM	2.82	1.129	2.969
5/19/2021 8:00 AM	2.773	1.171	2.858
5/19/2021 8:06 AM	2.679	1.239	2.897
5/19/2021 8:12 AM	2.55	1.272	2.898
5/19/2021 8:18 AM	2.427	1.255	2.909
5/19/2021 8:24 AM	2.279	1.271	2.936
5/19/2021 8:30 AM	2.019	1.269	2.947
5/19/2021 8:36 AM	1.637	1.215	2.974
5/19/2021 8:42 AM	1.343	1.217	3.021
5/19/2021 8:48 AM	1.339	1.271	3.035
5/19/2021 8:54 AM	1.565	1.386	3.05
5/19/2021 9:00 AM	1.645	1.427	3.065
5/19/2021 9:06 AM	1.59	1.456	3.04
5/19/2021 9:12 AM	1.447	1.537	3.072
5/19/2021 9:18 AM	1.309	1.63	3.078
5/19/2021 9:24 AM	1.174	1.708	3.09
5/19/2021 9:30 AM	1.019	1.714	3.103
5/19/2021 9:36 AM	0.853	1.717	3.104
5/19/2021 9:42 AM	0.701	1.731	3.114
5/19/2021 9:48 AM	0.608	1.738	3.081
5/19/2021 9:54 AM	0.549	1.782	3.073

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
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Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/19/2021 10:00 AM	0.564	1.799	3.08
5/19/2021 10:06 AM	0.622	1.76	3.109
5/19/2021 10:12 AM	0.635	1.717	3.118
5/19/2021 10:18 AM	0.663	1.7	3.13
5/19/2021 10:24 AM	0.684	1.665	3.136
5/19/2021 10:30 AM	0.719	1.684	3.132
5/19/2021 10:36 AM	0.852	1.778	3.124
5/19/2021 10:42 AM	0.949	1.861	3.133
5/19/2021 10:48 AM	0.96	1.931	3.151
5/19/2021 10:54 AM	0.971	1.946	3.159
5/19/2021 11:00 AM	1.045	1.914	3.171
5/19/2021 11:06 AM	1.036	1.923	3.156
5/19/2021 11:12 AM	1.056	1.997	3.119
5/19/2021 11:18 AM	1.131	2.143	3.114
5/19/2021 11:24 AM	1.136	2.242	3.095
5/19/2021 11:30 AM	1.153	2.228	3.09
5/19/2021 11:36 AM	1.147	2.128	3.087
5/19/2021 11:42 AM	1.154	2.026	3.049
5/19/2021 11:48 AM	1.136	1.973	3.015
5/19/2021 11:54 AM	1.1	1.93	3.04
5/19/2021 12:00 PM	1.114	1.904	3.044
5/19/2021 12:06 PM	1.201	1.894	3.064
5/19/2021 12:12 PM	1.162	1.932	3.085
5/19/2021 12:18 PM	1.157	2.008	3.073
5/19/2021 12:24 PM	1.216	2.133	3.079
5/19/2021 12:30 PM	1.259	2.308	3.071
5/19/2021 12:36 PM	1.278	2.517	3.053
5/19/2021 12:42 PM	1.338	2.636	3.07
5/19/2021 12:48 PM	1.359	2.631	3.089
5/19/2021 12:54 PM	1.348	2.497	3.071
5/19/2021 1:00 PM	1.312	2.242	3.057
5/19/2021 1:06 PM	1.274	2.021	3.037
5/19/2021 1:12 PM	1.336	1.963	3.014
5/19/2021 1:18 PM	1.364	1.98	3.027
5/19/2021 1:24 PM	1.342	2.002	3.039
5/19/2021 1:30 PM	1.321	2.093	3.036
5/19/2021 1:36 PM	1.352	2.213	3.053
5/19/2021 1:42 PM	1.397	2.355	3.063
5/19/2021 1:48 PM	1.39	2.45	3.058
5/19/2021 1:54 PM	1.237	2.437	3.036
5/19/2021 2:00 PM	1.17	2.338	3.022
5/19/2021 2:06 PM	1.158	2.178	3.011
5/19/2021 2:12 PM	1.202	2.056	3.003
5/19/2021 2:18 PM	1.214	2.042	2.937
5/19/2021 2:24 PM	1.182	2.13	2.863
5/19/2021 2:30 PM	1.173	2.301	2.867
5/19/2021 2:36 PM	1.161	2.55	2.884
5/19/2021 2:42 PM	1.172	2.771	2.889
5/19/2021 2:48 PM	1.204	2.996	2.903
5/19/2021 2:54 PM	1.212	3.188	2.9
5/19/2021 3:00 PM	1.233	3.283	2.901
5/19/2021 3:06 PM	1.294	3.257	2.908
5/19/2021 3:12 PM	1.305	3.221	2.902
5/19/2021 3:18 PM	1.271	3.108	2.898

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/19/2021 3:24 PM	1.212	2.979	2.905
5/19/2021 3:30 PM	1.155	2.808	2.922
5/19/2021 3:36 PM	1.166	2.679	2.914
5/19/2021 3:42 PM	1.188	2.588	2.907
5/19/2021 3:48 PM	1.161	12.32	2.858
5/19/2021 3:54 PM	1.073	21.721	2.811
5/19/2021 4:00 PM	1.158	15.764	2.812
5/19/2021 4:06 PM	1.278	9.193	2.801
5/19/2021 4:12 PM	1.269	5.674	2.798
5/19/2021 4:18 PM	1.277	4.104	2.799
5/19/2021 4:24 PM	1.264	3.021	2.785
5/19/2021 4:30 PM	1.282	2.592	2.753
5/19/2021 4:36 PM	1.304	2.544	2.701
5/19/2021 4:42 PM	1.34	2.566	2.683
5/19/2021 4:48 PM	1.304	14.255	2.683
5/19/2021 4:54 PM	0.652	22.242	2.707
5/19/2021 5:00 PM	-0.102	14.685	2.711
5/19/2021 5:06 PM	-0.234	10.207	2.696
5/19/2021 5:12 PM	-0.288	7.651	2.686
5/19/2021 5:18 PM	-0.331	7.07	2.743
5/19/2021 5:24 PM	-0.288	7.009	2.764
5/19/2021 5:30 PM	-0.295	6.978	2.749
5/19/2021 5:36 PM	-0.269	6.709	2.755
5/19/2021 5:42 PM	-0.204	6.027	2.768
5/19/2021 5:48 PM	-0.175	5.047	2.785
5/19/2021 5:54 PM	-0.158	4.309	2.773
5/19/2021 6:00 PM	-0.117	3.915	2.784
5/19/2021 6:06 PM	-0.084	3.702	2.774
5/19/2021 6:12 PM	-0.046	3.543	2.779
5/19/2021 6:18 PM	-0.044	3.413	2.793
5/19/2021 6:24 PM	-0.062	3.289	2.803
5/19/2021 6:30 PM	-0.037	3.184	2.805
5/19/2021 6:36 PM	-0.004	3.078	2.823
5/19/2021 6:42 PM	-0.006	3.015	2.832
5/19/2021 6:48 PM	0.03	2.95	2.814
5/19/2021 6:54 PM	0.077	2.86	2.808
5/19/2021 7:00 PM	0.061	2.824	2.81
5/19/2021 7:06 PM	0.027	2.859	2.799
5/19/2021 7:12 PM	0.031	2.799	2.789
5/19/2021 7:18 PM	0.057	2.793	2.788
5/19/2021 7:24 PM	0.11	2.803	2.76
5/19/2021 7:30 PM	0.136	2.758	2.778
5/19/2021 7:36 PM	0.109	2.733	2.762
5/19/2021 7:42 PM	0.118	2.73	2.757
5/19/2021 7:48 PM	0.066	2.692	2.763
5/19/2021 7:54 PM	0.002	2.641	2.756
5/19/2021 8:00 PM	0.03	2.637	2.756
5/19/2021 8:06 PM	0.024	2.619	2.765
5/19/2021 8:12 PM	-0.009	2.633	2.753
5/19/2021 8:18 PM	-0.018	2.585	2.757
5/19/2021 8:24 PM	-0.023	2.553	2.768
5/19/2021 8:30 PM	-0.044	2.587	2.77
5/19/2021 8:36 PM	-0.079	2.583	2.769
5/19/2021 8:42 PM	-0.11	2.601	2.773

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/19/2021 8:48 PM	-0.117	2.57	2.757
5/19/2021 8:54 PM	-0.109	2.512	2.754
5/19/2021 9:00 PM	-0.162	2.516	2.749
5/19/2021 9:06 PM	-0.163	2.527	2.769
5/19/2021 9:12 PM	-0.221	2.472	2.791
5/19/2021 9:18 PM	-0.248	2.43	2.818
5/19/2021 9:24 PM	-0.203	2.413	2.809
5/19/2021 9:30 PM	-0.19	2.429	2.825
5/19/2021 9:36 PM	-0.224	2.465	2.819
5/19/2021 9:42 PM	-0.245	2.417	2.806
5/19/2021 9:48 PM	-0.251	2.381	2.805
5/19/2021 9:54 PM	-0.245	2.39	2.779
5/19/2021 10:00 PM	-0.241	2.365	2.764
5/19/2021 10:06 PM	-0.293	2.318	2.819
5/19/2021 10:12 PM	-0.312	2.306	2.8
5/19/2021 10:18 PM	-0.303	2.312	2.752
5/19/2021 10:24 PM	-0.295	2.276	2.777
5/19/2021 10:30 PM	-0.277	2.299	2.808
5/19/2021 10:36 PM	-0.261	2.256	2.768
5/19/2021 10:42 PM	-0.284	2.221	2.776
5/19/2021 10:48 PM	-0.304	2.274	2.788
5/19/2021 10:54 PM	-0.282	2.269	3.073
5/19/2021 11:00 PM	-0.249	3.636	2.376
5/19/2021 11:06 PM	-0.267	4.448	0.285
5/19/2021 11:12 PM	-0.279	3.535	1.081
5/19/2021 11:18 PM	-0.287	3.332	0.429
5/19/2021 11:24 PM	-0.27	3.32	0.145
5/19/2021 11:30 PM	-0.224	3.342	0.155
5/19/2021 11:36 PM	-0.26	3.35	0.146
5/19/2021 11:42 PM	-0.256	3.512	0.131
5/19/2021 11:48 PM	-0.24	3.466	0.149
5/19/2021 11:54 PM	-0.259	3.338	0.152
5/20/2021 12:00 AM	-0.262	3.358	0.14
5/20/2021 12:06 AM	-0.277	3.368	0.149
5/20/2021 12:12 AM	-0.285	3.43	0.151
5/20/2021 12:18 AM	-0.278	3.568	0.153
5/20/2021 12:24 AM	-0.262	3.571	0.141
5/20/2021 12:30 AM	-0.264	3.607	0.138
5/20/2021 12:36 AM	-0.282	3.664	0.137
5/20/2021 12:42 AM	-0.231	3.644	0.143
5/20/2021 12:48 AM	-0.228	3.628	0.148
5/20/2021 12:54 AM	-0.232	3.589	0.141
5/20/2021 1:00 AM	-0.241	3.552	0.148
5/20/2021 1:06 AM	-0.247	3.599	0.141
5/20/2021 1:12 AM	-0.237	3.625	0.144
5/20/2021 1:18 AM	-0.229	3.61	0.147
5/20/2021 1:24 AM	-0.213	3.408	0.137
5/20/2021 1:30 AM	-0.213	3.118	0.121
5/20/2021 1:36 AM	-0.21	3.089	0.131
5/20/2021 1:42 AM	-0.185	3.077	0.133
5/20/2021 1:48 AM	-0.193	3.025	2.283
5/20/2021 1:54 AM	-0.206	2.966	2.224
5/20/2021 2:00 AM	-0.207	2.975	0.188
5/20/2021 2:06 AM	-0.202	2.824	0.148

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/20/2021 2:12 AM	-0.209	2.666	0.124
5/20/2021 2:18 AM	-0.201	2.803	0.13
5/20/2021 2:24 AM	-0.185	2.92	0.145
5/20/2021 2:30 AM	-0.186	2.924	0.145
5/20/2021 2:36 AM	-0.194	2.933	0.148
5/20/2021 2:42 AM	-0.15	2.962	0.144
5/20/2021 2:48 AM	-0.106	2.975	0.135
5/20/2021 2:54 AM	-0.138	2.978	0.142
5/20/2021 3:00 AM	-0.15	2.987	0.146
5/20/2021 3:06 AM	-0.138	2.989	0.161
5/20/2021 3:12 AM	-0.111	2.948	0.151
5/20/2021 3:18 AM	-0.101	2.978	0.153
5/20/2021 3:24 AM	-0.1	3.015	0.143
5/20/2021 3:30 AM	-0.111	2.903	0.142
5/20/2021 3:36 AM	-0.098	2.603	0.146
5/20/2021 3:42 AM	-0.089	2.408	0.135
5/20/2021 3:48 AM	-0.102	2.407	0.136
5/20/2021 3:54 AM	-0.129	2.41	0.13
5/20/2021 4:00 AM	-0.119	2.466	0.136
5/20/2021 4:06 AM	-0.095	2.514	0.15
5/20/2021 4:12 AM	-0.073	2.508	0.164
5/20/2021 4:18 AM	-0.106	2.492	0.159
5/20/2021 4:24 AM	-0.112	2.525	0.151
5/20/2021 4:30 AM	-0.095	2.544	0.147
5/20/2021 4:36 AM	-0.085	2.526	0.151
5/20/2021 4:42 AM	-0.108	2.538	0.152
5/20/2021 4:48 AM	-0.135	2.542	0.141
5/20/2021 4:54 AM	-0.121	2.551	0.15
5/20/2021 5:00 AM	-0.121	2.597	0.162
5/20/2021 5:06 AM	-0.11	2.632	0.176
5/20/2021 5:12 AM	-0.122	2.569	0.156
5/20/2021 5:18 AM	-0.116	2.571	0.146
5/20/2021 5:24 AM	-0.101	2.637	0.153
5/20/2021 5:30 AM	-0.101	2.674	0.165
5/20/2021 5:36 AM	-0.093	2.657	0.163
5/20/2021 5:42 AM	-0.088	2.778	0.162
5/20/2021 5:48 AM	-0.075	2.894	0.163
5/20/2021 5:54 AM	-0.06	2.837	0.155
5/20/2021 6:00 AM	-0.06	2.876	0.159
5/20/2021 6:06 AM	-0.023	2.941	0.166
5/20/2021 6:12 AM	-0.063	2.928	0.156
5/20/2021 6:18 AM	-0.065	2.862	0.158
5/20/2021 6:24 AM	-0.037	2.831	0.157
5/20/2021 6:30 AM	-0.035	2.923	5.282
5/20/2021 6:36 AM	-0.038	2.721	7.134
5/20/2021 6:42 AM	-0.018	2.309	2.87
5/20/2021 6:48 AM	-0.01	2.12	2.395
5/20/2021 6:54 AM	-0.02	2.015	2.291
5/20/2021 7:00 AM	-0.019	1.997	2.258
5/20/2021 7:06 AM	0	2.022	2.272
5/20/2021 7:12 AM	0.01	2	2.249
5/20/2021 7:18 AM	0.024	1.913	2.875
5/20/2021 7:24 AM	0.034	1.163	3.526
5/20/2021 7:30 AM	0.053	0.879	3.289

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/20/2021 7:36 AM	0.07	0.975	3.242
5/20/2021 7:42 AM	0.07	0.755	3.235
5/20/2021 7:48 AM	0.101	0.609	3.262
5/20/2021 7:54 AM	0.126	0.538	3.256
5/20/2021 8:00 AM	0.143	0.513	3.233
5/20/2021 8:06 AM	0.156	0.516	3.2
5/20/2021 8:12 AM	0.132	0.502	3.154
5/20/2021 8:18 AM	0.137	0.543	3.142
5/20/2021 8:24 AM	0.153	0.578	3.188
5/20/2021 8:30 AM	0.18	6.985	3.201
5/20/2021 8:36 AM	0.165	8.684	2.985
5/20/2021 8:42 AM	0.139	3.756	2.846
5/20/2021 8:48 AM	0.114	2.889	2.857
5/20/2021 8:54 AM	0.059	2.705	2.852
5/20/2021 9:00 AM	0.021	2.604	2.908
5/20/2021 9:06 AM	0.002	2.541	2.906
5/20/2021 9:12 AM	-0.023	2.46	2.87
5/20/2021 9:18 AM	-0.051	2.418	2.817
5/20/2021 9:24 AM	-0.076	2.377	2.795
5/20/2021 9:30 AM	-0.11	2.27	2.792
5/20/2021 9:36 AM	-0.126	2.171	2.822
5/20/2021 9:42 AM	-0.129	2.14	2.803
5/20/2021 9:48 AM	-0.115	2.178	2.756
5/20/2021 9:54 AM	-0.111	2.181	2.775
5/20/2021 10:00 AM	-0.135	2.207	2.771
5/20/2021 10:06 AM	-0.116	2.219	2.779
5/20/2021 10:12 AM	-0.12	2.225	2.785
5/20/2021 10:18 AM	-0.132	2.271	2.747
5/20/2021 10:24 AM	-0.091	2.209	2.783
5/20/2021 10:30 AM	-0.058	2.193	2.791
5/20/2021 10:36 AM	-0.037	2.182	2.779
5/20/2021 10:42 AM	0.015	2.183	2.762
5/20/2021 10:48 AM	0.016	2.158	2.753
5/20/2021 10:54 AM	0.015	2.194	2.763
5/20/2021 11:00 AM	0.013	2.25	2.76
5/20/2021 11:06 AM	0.017	2.243	2.778
5/20/2021 11:12 AM	0.034	2.199	2.806
5/20/2021 11:18 AM	0.017	2.187	2.804
5/20/2021 11:24 AM	-0.015	2.173	2.809
5/20/2021 11:30 AM	-0.04	2.169	2.78
5/20/2021 11:36 AM	-0.089	2.19	2.786
5/20/2021 11:42 AM	-0.11	2.178	2.816
5/20/2021 11:48 AM	-0.103	2.134	2.812
5/20/2021 11:54 AM	-0.1	2.14	2.828
5/20/2021 12:00 PM	-0.076	2.215	2.857
5/20/2021 12:06 PM	0.043	2.292	2.854
5/20/2021 12:12 PM	0.051	2.318	2.849
5/20/2021 12:18 PM	0.076	2.394	2.841
5/20/2021 12:24 PM	0.114	2.443	2.849
5/20/2021 12:30 PM	0.14	2.474	2.839
5/20/2021 12:36 PM	0.15	2.578	2.844
5/20/2021 12:42 PM	0.168	2.59	2.882
5/20/2021 12:48 PM	0.185	2.524	2.885
5/20/2021 12:54 PM	0.195	2.482	2.874

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/20/2021 1:00 PM	0.201	2.411	2.87
5/20/2021 1:06 PM	0.223	2.404	2.828
5/20/2021 1:12 PM	0.199	2.494	2.825
5/20/2021 1:18 PM	0.214	2.527	2.822
5/20/2021 1:24 PM	0.223	2.533	2.833
5/20/2021 1:30 PM	0.21	2.54	2.82
5/20/2021 1:36 PM	0.171	2.511	2.809
5/20/2021 1:42 PM	0.131	2.518	2.824
5/20/2021 1:48 PM	0.123	2.463	2.816
5/20/2021 1:54 PM	0.097	2.399	2.82
5/20/2021 2:00 PM	0.068	2.316	2.85
5/20/2021 2:06 PM	0.045	2.255	2.834
5/20/2021 2:12 PM	0.027	2.313	2.837
5/20/2021 2:18 PM	0.015	2.365	2.844
5/20/2021 2:24 PM	0.03	2.367	2.891
5/20/2021 2:30 PM	0.054	2.411	2.894
5/20/2021 2:36 PM	0.062	2.398	2.903
5/20/2021 2:42 PM	0.058	2.355	2.908
5/20/2021 2:48 PM	0.056	2.276	2.998
5/20/2021 2:54 PM	0.05	2.228	2.493
5/20/2021 3:00 PM	0.063	2.239	2.049
5/20/2021 3:06 PM	0.069	2.178	2.113
5/20/2021 3:12 PM	0.102	2.139	2.136
5/20/2021 3:18 PM	0.1	2.15	2.194
5/20/2021 3:24 PM	0.1	2.143	2.214
5/20/2021 3:30 PM	0.091	2.121	2.177
5/20/2021 3:36 PM	0.058	2.142	2.177
5/20/2021 3:42 PM	0.061	2.106	2.196
5/20/2021 3:48 PM	0.034	2.133	2.217
5/20/2021 3:54 PM	0.005	2.163	2.207
5/20/2021 4:00 PM	-0.009	2.135	2.212
5/20/2021 4:06 PM	-0.013	2.09	2.245
5/20/2021 4:12 PM	-0.018	2.082	2.259
5/20/2021 4:18 PM	-0.02	2.068	2.239
5/20/2021 4:24 PM	-0.022	2.075	2.239
5/20/2021 4:30 PM	-0.04	2.086	2.222
5/20/2021 4:36 PM	-0.061	2.103	2.219
5/20/2021 4:42 PM	-0.031	2.106	2.266
5/20/2021 4:48 PM	-0.03	2.125	2.256
5/20/2021 4:54 PM	-0.042	2.145	2.227
5/20/2021 5:00 PM	-0.041	2.128	2.265
5/20/2021 5:06 PM	-0.04	2.112	2.267
5/20/2021 5:12 PM	-0.031	2.122	2.287
5/20/2021 5:18 PM	-0.038	2.117	2.282
5/20/2021 5:24 PM	-0.022	2.136	2.288
5/20/2021 5:30 PM	-0.04	2.149	2.289
5/20/2021 5:36 PM	-0.051	2.133	2.31
5/20/2021 5:42 PM	-0.038	2.124	2.31
5/20/2021 5:48 PM	-0.028	2.147	2.298
5/20/2021 5:54 PM	-0.021	2.173	2.29
5/20/2021 6:00 PM	-0.028	2.206	2.302
5/20/2021 6:06 PM	-0.013	2.201	2.324
5/20/2021 6:12 PM	-0.018	2.196	2.34
5/20/2021 6:18 PM	0.008	2.27	2.34

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/20/2021 6:24 PM	0.028	2.277	2.341
5/20/2021 6:30 PM	0.035	2.262	2.345
5/20/2021 6:36 PM	0.041	2.331	2.338
5/20/2021 6:42 PM	0.063	2.343	2.337
5/20/2021 6:48 PM	0.072	2.35	2.353
5/20/2021 6:54 PM	0.076	2.345	2.358
5/20/2021 7:00 PM	0.068	2.344	2.349
5/20/2021 7:06 PM	0.064	2.382	2.349
5/20/2021 7:12 PM	0.07	2.339	2.353
5/20/2021 7:18 PM	0.05	2.234	2.337
5/20/2021 7:24 PM	0.033	2.179	2.352
5/20/2021 7:30 PM	0.046	2.156	2.381
5/20/2021 7:36 PM	0.038	2.166	2.372
5/20/2021 7:42 PM	0.008	2.17	2.38
5/20/2021 7:48 PM	-0.009	2.182	2.381
5/20/2021 7:54 PM	-0.02	2.217	2.378
5/20/2021 8:00 PM	-0.02	2.236	2.4
5/20/2021 8:06 PM	-0.027	2.281	2.415
5/20/2021 8:12 PM	-0.016	2.281	2.402
5/20/2021 8:18 PM	-0.007	2.237	2.406
5/20/2021 8:24 PM	-0.015	2.217	2.411
5/20/2021 8:30 PM	-0.016	2.25	2.418
5/20/2021 8:36 PM	-0.025	2.277	2.412
5/20/2021 8:42 PM	-0.03	2.206	2.365
5/20/2021 8:48 PM	-0.023	2.182	2.341
5/20/2021 8:54 PM	-0.014	2.177	2.346
5/20/2021 9:00 PM	-0.024	2.189	2.374
5/20/2021 9:06 PM	-0.012	2.158	2.411
5/20/2021 9:12 PM	-0.006	2.129	2.374
5/20/2021 9:18 PM	-0.028	2.164	2.346
5/20/2021 9:24 PM	-0.029	2.192	2.359
5/20/2021 9:30 PM	-0.02	2.212	2.366
5/20/2021 9:36 PM	-0.021	2.192	2.343
5/20/2021 9:42 PM	-0.02	2.17	2.339
5/20/2021 9:48 PM	-0.034	2.21	2.345
5/20/2021 9:54 PM	-0.031	2.178	2.389
5/20/2021 10:00 PM	-0.031	2.185	2.388
5/20/2021 10:06 PM	-0.043	2.213	2.382
5/20/2021 10:12 PM	-0.077	2.233	2.386
5/20/2021 10:18 PM	-0.09	2.172	2.416
5/20/2021 10:24 PM	-0.1	2.195	2.415
5/20/2021 10:30 PM	-0.096	2.259	2.403
5/20/2021 10:36 PM	-0.107	2.201	2.418
5/20/2021 10:42 PM	-0.132	2.156	2.373
5/20/2021 10:48 PM	-0.14	2.147	2.335
5/20/2021 10:54 PM	-0.141	2.179	2.355
5/20/2021 11:00 PM	-0.151	2.19	2.35
5/20/2021 11:06 PM	-0.153	2.238	2.36
5/20/2021 11:12 PM	-0.145	2.264	2.415
5/20/2021 11:18 PM	-0.149	2.214	2.449
5/20/2021 11:24 PM	-0.143	2.202	2.427
5/20/2021 11:30 PM	-0.133	2.212	2.401
5/20/2021 11:36 PM	-0.142	2.243	2.414
5/20/2021 11:42 PM	-0.144	2.253	2.427

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021

0:00

End of Report: 6/30/2021

23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/20/2021 11:48 PM	-0.141	2.262	2.438
5/20/2021 11:54 PM	-0.135	2.246	2.432
5/21/2021 12:00 AM	-0.128	2.225	2.655
5/21/2021 12:06 AM	-0.137	1.967	2.839
5/21/2021 12:12 AM	-0.126	1.193	2.623
5/21/2021 12:18 AM	-0.12	0.533	2.508
5/21/2021 12:24 AM	-0.118	0.487	2.438
5/21/2021 12:30 AM	-0.129	0.49	2.419
5/21/2021 12:36 AM	-0.117	0.413	2.412
5/21/2021 12:42 AM	-0.111	0.412	2.4
5/21/2021 12:48 AM	-0.116	0.408	2.393
5/21/2021 12:54 AM	-0.108	0.348	2.472
5/21/2021 1:00 AM	-0.105	0.379	2.405
5/21/2021 1:06 AM	-0.106	0.401	2.354
5/21/2021 1:12 AM	-0.109	0.336	2.33
5/21/2021 1:18 AM	-0.11	0.295	2.349
5/21/2021 1:24 AM	-0.108	0.27	2.331
5/21/2021 1:30 AM	-0.104	0.216	2.33
5/21/2021 1:36 AM	-0.103	0.193	2.335
5/21/2021 1:42 AM	-0.108	0.165	2.305
5/21/2021 1:48 AM	-0.113	0.175	2.298
5/21/2021 1:54 AM	-0.098	0.186	2.344
5/21/2021 2:00 AM	-0.1	0.214	2.328
5/21/2021 2:06 AM	-0.09	0.243	2.333
5/21/2021 2:12 AM	-0.085	0.227	2.362
5/21/2021 2:18 AM	-0.09	0.18	2.342
5/21/2021 2:24 AM	-0.103	0.172	2.292
5/21/2021 2:30 AM	-0.102	0.189	2.341
5/21/2021 2:36 AM	-0.091	0.192	2.429
5/21/2021 2:42 AM	-0.08	0.195	2.415
5/21/2021 2:48 AM	-0.077	0.187	2.347
5/21/2021 2:54 AM	-0.089	0.19	2.352
5/21/2021 3:00 AM	-0.094	0.195	2.371
5/21/2021 3:06 AM	-0.091	0.232	2.351
5/21/2021 3:12 AM	-0.103	0.197	2.356
5/21/2021 3:18 AM	-0.085	0.23	2.354
5/21/2021 3:24 AM	-0.067	0.275	2.384
5/21/2021 3:30 AM	-0.08	0.284	2.325
5/21/2021 3:36 AM	-0.081	0.264	2.249
5/21/2021 3:42 AM	-0.074	0.29	2.247
5/21/2021 3:48 AM	-0.079	0.303	2.254
5/21/2021 3:54 AM	-0.083	0.268	2.27
5/21/2021 4:00 AM	-0.085	0.237	2.3
5/21/2021 4:06 AM	-0.087	0.22	2.333
5/21/2021 4:12 AM	-0.085	0.23	2.334
5/21/2021 4:18 AM	-0.089	0.246	2.299
5/21/2021 4:24 AM	-0.089	0.287	2.31
5/21/2021 4:30 AM	-0.082	0.309	2.345
5/21/2021 4:36 AM	-0.086	0.292	2.329
5/21/2021 4:42 AM	-0.096	0.279	2.324
5/21/2021 4:48 AM	-0.084	0.312	2.356
5/21/2021 4:54 AM	-0.075	0.327	2.363
5/21/2021 5:00 AM	-0.086	0.321	2.348
5/21/2021 5:06 AM	-0.095	0.314	2.339

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/21/2021 5:12 AM	-0.091	0.301	2.33
5/21/2021 5:18 AM	-0.085	0.251	2.344
5/21/2021 5:24 AM	-0.094	0.26	2.337
5/21/2021 5:30 AM	-0.104	0.301	2.325
5/21/2021 5:36 AM	-0.104	0.295	2.318
5/21/2021 5:42 AM	-0.079	0.302	2.312
5/21/2021 5:48 AM	-0.061	0.313	2.339
5/21/2021 5:54 AM	-0.048	0.284	2.349
5/21/2021 6:00 AM	-0.037	0.236	2.369
5/21/2021 6:06 AM	-0.031	0.266	2.406
5/21/2021 6:12 AM	-0.026	7.103	2.418
5/21/2021 6:18 AM	-0.01	14.729	1.644
5/21/2021 6:24 AM	0.512	10.372	0.417
5/21/2021 6:30 AM	0.829	6.351	0.142
5/21/2021 6:36 AM	0.468	6.125	0.145
5/21/2021 6:42 AM	0.283	6.407	0.129
5/21/2021 6:48 AM	0.22	6.397	0.132
5/21/2021 6:54 AM	0.178	5.829	0.134
5/21/2021 7:00 AM	0.174	5.091	0.112
5/21/2021 7:06 AM	0.18	4.375	0.109
5/21/2021 7:12 AM	0.175	3.922	0.107
5/21/2021 7:18 AM	0.19	3.595	0.09
5/21/2021 7:24 AM	0.195	3.513	0.104
5/21/2021 7:30 AM	5.642	3.499	0.102
5/21/2021 7:36 AM	10.066	3.207	0.117
5/21/2021 7:42 AM	5.402	2.914	0.108
5/21/2021 7:48 AM	3.56	2.925	0.083
5/21/2021 7:54 AM	3.349	2.953	0.096
5/21/2021 8:00 AM	3.218	2.939	0.095
5/21/2021 8:06 AM	2.215	2.886	0.098
5/21/2021 8:12 AM	1.671	2.89	0.103
5/21/2021 8:18 AM	1.663	2.862	0.098
5/21/2021 8:24 AM	1.658	2.777	0.09
5/21/2021 8:30 AM	1.68	2.726	0.077
5/21/2021 8:36 AM	1.604	2.709	0.099
5/21/2021 8:42 AM	1.495	2.73	0.109
5/21/2021 8:48 AM	1.405	2.763	0.097
5/21/2021 8:54 AM	1.249	2.742	0.087
5/21/2021 9:00 AM	0.997	2.695	0.085
5/21/2021 9:06 AM	0.804	2.699	0.094
5/21/2021 9:12 AM	0.811	2.715	0.097
5/21/2021 9:18 AM	1.036	2.739	0.097
5/21/2021 9:24 AM	1.271	2.713	0.095
5/21/2021 9:30 AM	1.443	2.728	0.107
5/21/2021 9:36 AM	1.568	2.685	0.109
5/21/2021 9:42 AM	1.58	2.611	0.108
5/21/2021 9:48 AM	1.529	2.597	0.135
5/21/2021 9:54 AM	1.475	2.55	0.131
5/21/2021 10:00 AM	1.457	2.534	0.139
5/21/2021 10:06 AM	1.352	2.542	0.141
5/21/2021 10:12 AM	1.177	2.594	0.127
5/21/2021 10:18 AM	1.043	2.583	0.126
5/21/2021 10:24 AM	0.877	2.566	0.119
5/21/2021 10:30 AM	0.733	3.057	0.117

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/21/2021 10:36 AM	0.726	3.297	0.113
5/21/2021 10:42 AM	0.717	3.23	0.124
5/21/2021 10:48 AM	0.729	3.232	0.131
5/21/2021 10:54 AM	0.73	3.187	0.128
5/21/2021 11:00 AM	0.723	3.215	0.14
5/21/2021 11:06 AM	0.748	3.219	0.136
5/21/2021 11:12 AM	0.806	3.162	0.129
5/21/2021 11:18 AM	0.84	3.12	0.126
5/21/2021 11:24 AM	0.809	3.081	0.128
5/21/2021 11:30 AM	0.82	3.053	0.123
5/21/2021 11:36 AM	0.818	3.031	0.125
5/21/2021 11:42 AM	0.797	3.047	0.131
5/21/2021 11:48 AM	0.81	3.036	0.135
5/21/2021 11:54 AM	0.863	3.088	0.138
5/21/2021 12:00 PM	0.9	3.238	0.13
5/21/2021 12:06 PM	0.87	3.108	0.07
5/21/2021 12:12 PM	0.873	3.055	0.069
5/21/2021 12:18 PM	0.897	3.119	0.066
5/21/2021 12:24 PM	0.921	3.162	0.066
5/21/2021 12:30 PM	0.915	3.155	0.073
5/21/2021 12:36 PM	0.898	3.109	0.076
5/21/2021 12:42 PM	0.91	3.063	0.068
5/21/2021 12:48 PM	0.927	3.041	0.053
5/21/2021 12:54 PM	<Samp	<Samp	<Samp
5/21/2021 1:00 PM	Maintain	Maintain	Maintain
5/21/2021 1:06 PM	<Samp	<Samp	<Samp
5/21/2021 1:12 PM	0.889	2.528	0.042
5/21/2021 1:18 PM	0.888	2.503	0.046
5/21/2021 1:24 PM	0.843	2.502	0.044
5/21/2021 1:30 PM	0.807	2.523	0.032
5/21/2021 1:36 PM	0.804	2.599	0.034
5/21/2021 1:42 PM	0.833	2.646	0.028
5/21/2021 1:48 PM	0.839	2.59	0.02
5/21/2021 1:54 PM	0.812	2.592	0.027
5/21/2021 2:00 PM	0.806	2.521	0.04
5/21/2021 2:06 PM	0.81	2.539	0.042
5/21/2021 2:12 PM	0.827	2.604	0.034
5/21/2021 2:18 PM	0.847	2.533	0.033
5/21/2021 2:24 PM	0.892	2.49	0.043
5/21/2021 2:30 PM	0.939	2.504	0.037
5/21/2021 2:36 PM	0.946	2.503	0.034
5/21/2021 2:42 PM	0.937	2.466	0.021
5/21/2021 2:48 PM	0.898	2.452	0.011
5/21/2021 2:54 PM	0.856	2.47	0.025
5/21/2021 3:00 PM	0.86	2.467	0.045
5/21/2021 3:06 PM	0.902	2.487	0.056
5/21/2021 3:12 PM	0.956	2.488	0.065
5/21/2021 3:18 PM	0.968	2.448	0.063
5/21/2021 3:24 PM	0.943	2.366	0.06
5/21/2021 3:30 PM	0.934	2.303	0.071
5/21/2021 3:36 PM	0.937	2.253	0.08
5/21/2021 3:42 PM	0.929	2.235	0.074
5/21/2021 3:48 PM	0.922	2.227	0.088
5/21/2021 3:54 PM	0.893	2.222	0.103

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/21/2021 4:00 PM	0.874	2.226	0.103
5/21/2021 4:06 PM	0.872	2.234	0.099
5/21/2021 4:12 PM	0.828	2.253	0.094
5/21/2021 4:18 PM	0.819	2.29	0.104
5/21/2021 4:24 PM	0.836	2.266	0.116
5/21/2021 4:30 PM	0.802	2.243	0.115
5/21/2021 4:36 PM	0.747	2.264	0.118
5/21/2021 4:42 PM	0.758	2.306	0.133
5/21/2021 4:48 PM	0.799	2.299	0.134
5/21/2021 4:54 PM	0.77	2.307	0.139
5/21/2021 5:00 PM	0.733	2.373	0.136
5/21/2021 5:06 PM	0.731	2.385	0.138
5/21/2021 5:12 PM	0.728	2.337	0.146
5/21/2021 5:18 PM	0.702	2.332	0.145
5/21/2021 5:24 PM	0.687	2.349	0.15
5/21/2021 5:30 PM	0.68	2.394	0.152
5/21/2021 5:36 PM	0.684	2.374	0.16
5/21/2021 5:42 PM	0.701	2.351	0.178
5/21/2021 5:48 PM	0.715	2.368	0.175
5/21/2021 5:54 PM	0.718	2.42	0.175
5/21/2021 6:00 PM	0.736	2.428	0.187
5/21/2021 6:06 PM	0.761	2.408	0.193
5/21/2021 6:12 PM	0.79	2.418	0.195
5/21/2021 6:18 PM	0.81	2.511	0.203
5/21/2021 6:24 PM	0.833	2.543	0.203
5/21/2021 6:30 PM	0.863	2.585	0.204
5/21/2021 6:36 PM	0.84	2.603	0.216
5/21/2021 6:42 PM	0.822	2.557	0.226
5/21/2021 6:48 PM	0.828	2.528	0.222
5/21/2021 6:54 PM	0.826	2.489	0.226
5/21/2021 7:00 PM	0.836	2.519	0.236
5/21/2021 7:06 PM	0.858	2.538	0.235
5/21/2021 7:12 PM	0.911	2.55	0.233
5/21/2021 7:18 PM	0.884	2.539	0.234
5/21/2021 7:24 PM	0.831	2.472	0.237
5/21/2021 7:30 PM	0.863	2.423	0.238
5/21/2021 7:36 PM	0.892	2.483	0.244
5/21/2021 7:42 PM	0.85	2.504	0.249
5/21/2021 7:48 PM	0.795	2.446	0.249
5/21/2021 7:54 PM	0.866	2.458	0.255
5/21/2021 8:00 PM	0.906	2.486	0.262
5/21/2021 8:06 PM	0.898	2.455	0.259
5/21/2021 8:12 PM	0.907	2.457	0.259
5/21/2021 8:18 PM	0.889	2.472	0.263
5/21/2021 8:24 PM	0.829	2.469	0.267
5/21/2021 8:30 PM	0.8	2.464	0.27
5/21/2021 8:36 PM	0.84	2.497	0.27
5/21/2021 8:42 PM	0.858	2.528	0.272
5/21/2021 8:48 PM	0.854	2.495	0.272
5/21/2021 8:54 PM	0.831	2.483	0.278
5/21/2021 9:00 PM	0.812	2.493	0.285
5/21/2021 9:06 PM	0.804	2.509	0.287
5/21/2021 9:12 PM	0.806	2.516	0.283
5/21/2021 9:18 PM	0.812	2.571	0.284

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/21/2021 9:24 PM	0.83	2.623	0.286
5/21/2021 9:30 PM	0.89	2.615	0.283
5/21/2021 9:36 PM	0.918	2.61	0.284
5/21/2021 9:42 PM	0.904	2.685	0.282
5/21/2021 9:48 PM	0.908	2.709	0.285
5/21/2021 9:54 PM	0.88	2.705	0.287
5/21/2021 10:00 PM	0.86	2.738	0.29
5/21/2021 10:06 PM	0.857	2.701	0.294
5/21/2021 10:12 PM	0.847	2.668	0.289
5/21/2021 10:18 PM	0.874	2.595	0.288
5/21/2021 10:24 PM	0.91	2.571	0.292
5/21/2021 10:30 PM	0.902	2.564	0.29
5/21/2021 10:36 PM	0.895	2.525	0.293
5/21/2021 10:42 PM	0.913	2.501	0.297
5/21/2021 10:48 PM	0.948	2.553	0.296
5/21/2021 10:54 PM	1	2.589	0.296
5/21/2021 11:00 PM	1.016	2.623	0.288
5/21/2021 11:06 PM	1.003	2.676	0.295
5/21/2021 11:12 PM	0.978	2.753	0.303
5/21/2021 11:18 PM	0.974	2.855	0.312
5/21/2021 11:24 PM	0.981	2.868	0.318
5/21/2021 11:30 PM	1.01	2.797	0.32
5/21/2021 11:36 PM	1.259	2.798	0.32
5/21/2021 11:42 PM	1.681	1.586	0.323
5/21/2021 11:48 PM	1.603	0.421	0.331
5/21/2021 11:54 PM	1.393	0.451	0.331
5/22/2021 12:00 AM	1.231	0.445	0.329
5/22/2021 12:06 AM	1.043	0.385	0.333
5/22/2021 12:12 AM	0.908	0.335	0.338
5/22/2021 12:18 AM	0.779	0.281	0.342
5/22/2021 12:24 AM	0.648	0.296	0.343
5/22/2021 12:30 AM	0.515	0.313	0.348
5/22/2021 12:36 AM	0.453	0.341	0.351
5/22/2021 12:42 AM	0.382	0.35	0.354
5/22/2021 12:48 AM	0.359	0.305	0.349
5/22/2021 12:54 AM	0.36	0.324	0.352
5/22/2021 1:00 AM	0.377	0.318	0.359
5/22/2021 1:06 AM	0.361	0.293	0.361
5/22/2021 1:12 AM	0.353	0.32	0.359
5/22/2021 1:18 AM	0.396	0.338	0.363
5/22/2021 1:24 AM	0.436	0.28	0.367
5/22/2021 1:30 AM	0.497	0.277	0.37
5/22/2021 1:36 AM	0.499	0.283	0.366
5/22/2021 1:42 AM	0.465	0.279	0.365
5/22/2021 1:48 AM	0.394	0.33	0.369
5/22/2021 1:54 AM	0.406	0.364	0.371
5/22/2021 2:00 AM	0.424	0.359	0.374
5/22/2021 2:06 AM	0.38	0.371	0.375
5/22/2021 2:12 AM	0.358	0.349	0.376
5/22/2021 2:18 AM	0.372	0.361	0.381
5/22/2021 2:24 AM	0.358	0.378	0.383
5/22/2021 2:30 AM	0.297	0.386	0.383
5/22/2021 2:36 AM	0.375	0.394	0.378
5/22/2021 2:42 AM	0.468	0.405	0.376

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/22/2021 2:48 AM	0.447	0.395	0.375
5/22/2021 2:54 AM	0.528	0.309	0.375
5/22/2021 3:00 AM	0.545	0.29	0.376
5/22/2021 3:06 AM	0.49	0.34	0.377
5/22/2021 3:12 AM	0.489	0.328	0.375
5/22/2021 3:18 AM	0.471	0.354	0.372
5/22/2021 3:24 AM	0.428	0.335	0.375
5/22/2021 3:30 AM	0.421	0.277	0.378
5/22/2021 3:36 AM	0.404	0.305	0.378
5/22/2021 3:42 AM	0.373	0.311	0.382
5/22/2021 3:48 AM	0.371	0.316	0.383
5/22/2021 3:54 AM	0.377	0.336	0.383
5/22/2021 4:00 AM	0.417	0.264	0.387
5/22/2021 4:06 AM	0.466	0.209	0.386
5/22/2021 4:12 AM	0.506	0.243	0.386
5/22/2021 4:18 AM	0.506	0.222	0.387
5/22/2021 4:24 AM	0.491	0.26	0.386
5/22/2021 4:30 AM	0.488	0.305	0.385
5/22/2021 4:36 AM	0.464	0.293	0.383
5/22/2021 4:42 AM	0.498	0.327	0.383
5/22/2021 4:48 AM	0.443	0.315	0.386
5/22/2021 4:54 AM	0.38	0.27	0.387
5/22/2021 5:00 AM	0.406	0.26	0.386
5/22/2021 5:06 AM	0.353	0.273	0.388
5/22/2021 5:12 AM	0.311	0.287	0.39
5/22/2021 5:18 AM	0.323	0.313	0.395
5/22/2021 5:24 AM	0.301	0.333	0.396
5/22/2021 5:30 AM	0.411	0.269	0.393
5/22/2021 5:36 AM	0.521	0.236	0.395
5/22/2021 5:42 AM	0.432	0.265	0.402
5/22/2021 5:48 AM	0.371	0.268	0.409
5/22/2021 5:54 AM	0.356	0.293	0.411
5/22/2021 6:00 AM	0.358	0.309	0.411
5/22/2021 6:06 AM	0.612	0.255	0.416
5/22/2021 6:12 AM	0.946	0.272	0.424
5/22/2021 6:18 AM	0.943	0.328	0.428
5/22/2021 6:24 AM	0.901	0.354	0.434
5/22/2021 6:30 AM	0.842	0.361	0.436
5/22/2021 6:36 AM	0.814	0.349	0.431
5/22/2021 6:42 AM	0.775	0.296	0.418
5/22/2021 6:48 AM	0.763	0.262	0.411
5/22/2021 6:54 AM	0.726	0.233	0.412
5/22/2021 7:00 AM	0.681	0.403	0.409
5/22/2021 7:06 AM	0.681	0.331	0.394
5/22/2021 7:12 AM	0.646	0.223	0.387
5/22/2021 7:18 AM	0.579	0.218	0.384
5/22/2021 7:24 AM	0.525	0.166	0.379
5/22/2021 7:30 AM	0.548	0.24	0.374
5/22/2021 7:36 AM	0.618	0.324	0.376
5/22/2021 7:42 AM	0.689	0.306	0.379
5/22/2021 7:48 AM	0.729	0.237	0.376
5/22/2021 7:54 AM	0.744	0.249	0.374
5/22/2021 8:00 AM	0.729	0.217	0.371
5/22/2021 8:06 AM	0.691	0.195	0.365

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/22/2021 8:12 AM	1.154	0.111	0.361
5/22/2021 8:18 AM	1.47	0.148	0.362
5/22/2021 8:24 AM	1.209	0.288	0.361
5/22/2021 8:30 AM	1.08	0.239	0.363
5/22/2021 8:36 AM	1.065	0.285	0.369
5/22/2021 8:42 AM	1.051	0.272	0.371
5/22/2021 8:48 AM	1.052	0.289	0.372
5/22/2021 8:54 AM	1.103	0.243	0.37
5/22/2021 9:00 AM	1.095	0.274	0.369
5/22/2021 9:06 AM	1.032	0.286	0.366
5/22/2021 9:12 AM	1.007	0.216	0.368
5/22/2021 9:18 AM	1.038	0.307	0.375
5/22/2021 9:24 AM	1.031	0.246	0.38
5/22/2021 9:30 AM	1.056	0.271	0.384
5/22/2021 9:36 AM	1.087	0.328	0.387
5/22/2021 9:42 AM	1.08	0.371	0.39
5/22/2021 9:48 AM	1.066	0.358	0.395
5/22/2021 9:54 AM	1.051	0.24	0.4
5/22/2021 10:00 AM	1.049	0.26	0.403
5/22/2021 10:06 AM	1.092	0.265	0.396
5/22/2021 10:12 AM	1.072	0.247	0.39
5/22/2021 10:18 AM	1.07	0.268	0.39
5/22/2021 10:24 AM	1.06	0.241	0.383
5/22/2021 10:30 AM	1.096	0.244	0.383
5/22/2021 10:36 AM	1.149	0.231	0.389
5/22/2021 10:42 AM	1.159	0.26	0.393
5/22/2021 10:48 AM	1.142	0.285	0.394
5/22/2021 10:54 AM	1.169	0.388	0.398
5/22/2021 11:00 AM	0.984	13.931	0.407
5/22/2021 11:06 AM	0.489	20.143	0.415
5/22/2021 11:12 AM	0.385	8.798	0.419
5/22/2021 11:18 AM	0.535	6.205	0.418
5/22/2021 11:24 AM	0.616	5.824	0.417
5/22/2021 11:30 AM	0.676	6.219	0.417
5/22/2021 11:36 AM	0.741	6.422	0.419
5/22/2021 11:42 AM	0.749	5.899	0.425
5/22/2021 11:48 AM	0.739	5.11	0.433
5/22/2021 11:54 AM	0.727	4.601	0.436
5/22/2021 12:00 PM	0.71	4.273	0.447
5/22/2021 12:06 PM	0.653	3.859	0.488
5/22/2021 12:12 PM	0.684	3.758	0.488
5/22/2021 12:18 PM	0.707	3.666	0.489
5/22/2021 12:24 PM	0.739	3.576	0.492
5/22/2021 12:30 PM	0.79	3.503	0.495
5/22/2021 12:36 PM	0.796	3.435	0.501
5/22/2021 12:42 PM	0.801	2.888	0.505
5/22/2021 12:48 PM	0.782	2.888	0.504
5/22/2021 12:54 PM	0.778	3.291	0.501
5/22/2021 1:00 PM	0.78	3.294	0.5
5/22/2021 1:06 PM	0.76	3.3	0.504
5/22/2021 1:12 PM	0.723	3.205	0.512
5/22/2021 1:18 PM	0.694	3.125	0.514
5/22/2021 1:24 PM	0.712	3.109	0.514
5/22/2021 1:30 PM	0.71	3.099	0.515

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/22/2021 1:36 PM	0.714	3.091	0.513
5/22/2021 1:42 PM	0.75	3.063	0.51
5/22/2021 1:48 PM	0.729	3.055	0.512
5/22/2021 1:54 PM	0.737	3.033	0.515
5/22/2021 2:00 PM	0.726	2.998	0.516
5/22/2021 2:06 PM	0.742	2.993	0.518
5/22/2021 2:12 PM	0.728	2.965	0.519
5/22/2021 2:18 PM	0.678	3.004	0.517
5/22/2021 2:24 PM	0.683	2.976	0.516
5/22/2021 2:30 PM	0.704	2.937	0.518
5/22/2021 2:36 PM	0.759	2.893	0.516
5/22/2021 2:42 PM	0.808	2.925	0.514
5/22/2021 2:48 PM	0.793	2.931	0.515
5/22/2021 2:54 PM	0.806	2.88	0.516
5/22/2021 3:00 PM	0.809	2.848	0.515
5/22/2021 3:06 PM	0.769	2.824	0.514
5/22/2021 3:12 PM	0.771	2.812	0.516
5/22/2021 3:18 PM	0.758	2.804	0.52
5/22/2021 3:24 PM	0.739	2.769	0.523
5/22/2021 3:30 PM	0.734	2.737	0.526
5/22/2021 3:36 PM	0.749	2.76	0.525
5/22/2021 3:42 PM	0.777	2.803	0.525
5/22/2021 3:48 PM	0.777	2.753	0.527
5/22/2021 3:54 PM	0.757	2.7	0.528
5/22/2021 4:00 PM	0.763	2.711	0.532
5/22/2021 4:06 PM	0.73	2.754	0.531
5/22/2021 4:12 PM	0.702	2.753	0.528
5/22/2021 4:18 PM	0.704	2.694	0.527
5/22/2021 4:24 PM	0.75	2.707	0.524
5/22/2021 4:30 PM	0.934	2.716	0.523
5/22/2021 4:36 PM	1.143	2.691	0.524
5/22/2021 4:42 PM	1.258	2.722	0.526
5/22/2021 4:48 PM	1.271	2.709	0.528
5/22/2021 4:54 PM	1.244	2.662	0.528
5/22/2021 5:00 PM	1.249	2.661	0.528
5/22/2021 5:06 PM	1.282	2.663	0.534
5/22/2021 5:12 PM	1.303	2.728	0.535
5/22/2021 5:18 PM	1.298	2.802	0.534
5/22/2021 5:24 PM	1.289	2.755	0.531
5/22/2021 5:30 PM	1.312	2.725	0.532
5/22/2021 5:36 PM	1.338	2.719	0.533
5/22/2021 5:42 PM	1.284	2.745	0.535
5/22/2021 5:48 PM	1.229	2.727	0.534
5/22/2021 5:54 PM	1.233	2.688	0.533
5/22/2021 6:00 PM	1.286	2.672	0.531
5/22/2021 6:06 PM	1.272	2.717	0.53
5/22/2021 6:12 PM	1.195	2.728	0.531
5/22/2021 6:18 PM	1.183	2.718	0.536
5/22/2021 6:24 PM	1.188	2.708	0.537
5/22/2021 6:30 PM	1.206	2.733	0.535
5/22/2021 6:36 PM	1.213	2.69	0.533
5/22/2021 6:42 PM	1.216	2.678	0.531
5/22/2021 6:48 PM	1.195	2.673	0.527
5/22/2021 6:54 PM	1.181	2.646	0.529

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
End of Report: 6/30/2021



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23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/22/2021 7:00 PM	1.198	2.643	0.537
5/22/2021 7:06 PM	1.224	2.657	0.542
5/22/2021 7:12 PM	1.249	2.646	0.543
5/22/2021 7:18 PM	1.247	2.605	0.543
5/22/2021 7:24 PM	1.202	2.604	0.546
5/22/2021 7:30 PM	1.181	2.652	0.545
5/22/2021 7:36 PM	1.216	2.669	0.544
5/22/2021 7:42 PM	1.233	2.683	0.544
5/22/2021 7:48 PM	1.241	2.739	0.543
5/22/2021 7:54 PM	1.208	2.786	0.545
5/22/2021 8:00 PM	1.201	2.766	0.545
5/22/2021 8:06 PM	1.215	2.768	0.545
5/22/2021 8:12 PM	1.248	2.801	0.546
5/22/2021 8:18 PM	1.248	2.785	0.545
5/22/2021 8:24 PM	1.243	2.806	0.547
5/22/2021 8:30 PM	1.237	2.788	0.548
5/22/2021 8:36 PM	1.231	2.799	0.548
5/22/2021 8:42 PM	1.244	2.806	0.547
5/22/2021 8:48 PM	1.243	2.763	0.547
5/22/2021 8:54 PM	1.223	2.801	0.547
5/22/2021 9:00 PM	1.221	2.841	0.545
5/22/2021 9:06 PM	1.197	2.864	0.545
5/22/2021 9:12 PM	1.151	2.819	0.543
5/22/2021 9:18 PM	1.119	2.765	0.542
5/22/2021 9:24 PM	1.101	2.758	0.542
5/22/2021 9:30 PM	1.099	2.743	0.543
5/22/2021 9:36 PM	1.113	2.765	0.543
5/22/2021 9:42 PM	1.162	2.836	0.542
5/22/2021 9:48 PM	1.197	2.78	0.541
5/22/2021 9:54 PM	1.173	2.7	0.54
5/22/2021 10:00 PM	1.127	2.656	0.54
5/22/2021 10:06 PM	1.093	2.622	0.541
5/22/2021 10:12 PM	1.054	2.675	0.541
5/22/2021 10:18 PM	1.037	2.624	0.542
5/22/2021 10:24 PM	1.015	2.717	0.553
5/22/2021 10:30 PM	0.989	2.729	0.559
5/22/2021 10:36 PM	0.995	2.668	0.556
5/22/2021 10:42 PM	0.984	2.697	0.555
5/22/2021 10:48 PM	0.998	2.667	0.554
5/22/2021 10:54 PM	0.978	2.648	0.554
5/22/2021 11:00 PM	0.989	2.644	0.555
5/22/2021 11:06 PM	1.027	2.607	0.554
5/22/2021 11:12 PM	1.06	2.531	0.557
5/22/2021 11:18 PM	1.089	2.55	0.56
5/22/2021 11:24 PM	1.105	2.602	0.568
5/22/2021 11:30 PM	1.117	2.628	0.576
5/22/2021 11:36 PM	1.083	2.59	0.576
5/22/2021 11:42 PM	1.008	2.562	0.576
5/22/2021 11:48 PM	0.959	2.546	0.577
5/22/2021 11:54 PM	0.953	2.516	0.577
5/23/2021 12:00 AM	0.964	2.481	0.578
5/23/2021 12:06 AM	0.952	2.451	0.576
5/23/2021 12:12 AM	0.947	2.464	0.575
5/23/2021 12:18 AM	1.24	2.261	0.574

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/23/2021 12:24 AM	1.246	0.8	0.572
5/23/2021 12:30 AM	0.852	0.245	0.569
5/23/2021 12:36 AM	0.686	0.313	0.568
5/23/2021 12:42 AM	0.523	0.353	0.568
5/23/2021 12:48 AM	0.421	0.315	0.568
5/23/2021 12:54 AM	0.375	0.217	0.57
5/23/2021 1:00 AM	0.36	0.209	0.571
5/23/2021 1:06 AM	0.358	0.223	0.571
5/23/2021 1:12 AM	0.335	0.204	0.57
5/23/2021 1:18 AM	0.258	0.225	0.568
5/23/2021 1:24 AM	0.281	0.283	0.567
5/23/2021 1:30 AM	0.309	0.325	0.566
5/23/2021 1:36 AM	0.323	0.336	0.564
5/23/2021 1:42 AM	0.329	0.252	0.562
5/23/2021 1:48 AM	0.321	0.28	0.561
5/23/2021 1:54 AM	0.335	0.302	0.56
5/23/2021 2:00 AM	0.33	0.289	0.561
5/23/2021 2:06 AM	0.33	0.296	0.567
5/23/2021 2:12 AM	0.391	0.279	0.569
5/23/2021 2:18 AM	0.438	0.252	0.569
5/23/2021 2:24 AM	0.467	0.26	0.569
5/23/2021 2:30 AM	0.477	0.222	0.57
5/23/2021 2:36 AM	0.47	0.212	0.57
5/23/2021 2:42 AM	0.498	0.226	0.57
5/23/2021 2:48 AM	0.566	0.206	0.57
5/23/2021 2:54 AM	0.643	0.25	0.57
5/23/2021 3:00 AM	0.663	0.287	0.57
5/23/2021 3:06 AM	0.649	0.303	0.571
5/23/2021 3:12 AM	0.643	0.284	0.572
5/23/2021 3:18 AM	0.706	0.257	0.568
5/23/2021 3:24 AM	0.773	0.269	0.561
5/23/2021 3:30 AM	0.774	0.287	0.563
5/23/2021 3:36 AM	0.779	0.265	0.564
5/23/2021 3:42 AM	0.814	0.258	0.563
5/23/2021 3:48 AM	0.819	0.296	0.565
5/23/2021 3:54 AM	0.964	0.337	0.566
5/23/2021 4:00 AM	0.976	0.311	0.565
5/23/2021 4:06 AM	0.691	0.281	0.564
5/23/2021 4:12 AM	0.564	0.315	0.564
5/23/2021 4:18 AM	0.535	0.312	0.566
5/23/2021 4:24 AM	0.493	0.259	0.567
5/23/2021 4:30 AM	0.448	0.279	0.568
5/23/2021 4:36 AM	0.433	0.27	0.57
5/23/2021 4:42 AM	0.425	0.287	0.57
5/23/2021 4:48 AM	0.37	0.263	0.572
5/23/2021 4:54 AM	0.347	0.262	0.571
5/23/2021 5:00 AM	0.339	0.263	0.571
5/23/2021 5:06 AM	0.328	0.236	0.571
5/23/2021 5:12 AM	0.318	0.231	0.572
5/23/2021 5:18 AM	0.312	0.251	0.572
5/23/2021 5:24 AM	0.374	0.253	0.57
5/23/2021 5:30 AM	0.355	0.252	0.57
5/23/2021 5:36 AM	0.381	0.273	0.568
5/23/2021 5:42 AM	0.368	0.258	0.567

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/23/2021 5:48 AM	0.349	0.259	0.565
5/23/2021 5:54 AM	0.32	0.27	0.562
5/23/2021 6:00 AM	0.304	0.232	0.56
5/23/2021 6:06 AM	0.265	0.23	0.559
5/23/2021 6:12 AM	0.166	0.293	0.56
5/23/2021 6:18 AM	0.096	0.31	0.561
5/23/2021 6:24 AM	0.094	0.309	0.562
5/23/2021 6:30 AM	0.082	0.274	0.562
5/23/2021 6:36 AM	0.084	0.248	0.562
5/23/2021 6:42 AM	0.123	0.226	0.557
5/23/2021 6:48 AM	0.136	0.179	0.544
5/23/2021 6:54 AM	0.123	0.192	0.531
5/23/2021 7:00 AM	0.173	0.177	0.521
5/23/2021 7:06 AM	0.255	0.168	0.516
5/23/2021 7:12 AM	0.96	0.206	0.51
5/23/2021 7:18 AM	1.624	0.232	0.509
5/23/2021 7:24 AM	1.438	0.224	0.513
5/23/2021 7:30 AM	1.16	0.207	0.516
5/23/2021 7:36 AM	0.929	0.182	0.513
5/23/2021 7:42 AM	0.944	0.223	0.509
5/23/2021 7:48 AM	0.942	0.269	0.509
5/23/2021 7:54 AM	0.872	0.24	0.512
5/23/2021 8:00 AM	0.869	0.252	0.511
5/23/2021 8:06 AM	0.882	0.284	0.508
5/23/2021 8:12 AM	0.816	0.326	0.511
5/23/2021 8:18 AM	0.818	0.329	0.521
5/23/2021 8:24 AM	0.809	0.331	0.53
5/23/2021 8:30 AM	0.819	0.337	0.534
5/23/2021 8:36 AM	0.834	0.35	0.535
5/23/2021 8:42 AM	0.8	0.368	0.539
5/23/2021 8:48 AM	0.769	0.336	0.541
5/23/2021 8:54 AM	0.768	0.322	0.539
5/23/2021 9:00 AM	0.766	0.333	0.54
5/23/2021 9:06 AM	0.76	0.332	0.542
5/23/2021 9:12 AM	0.797	0.388	0.546
5/23/2021 9:18 AM	0.836	0.424	0.548
5/23/2021 9:24 AM	0.786	0.381	0.554
5/23/2021 9:30 AM	0.743	0.384	0.563
5/23/2021 9:36 AM	0.724	0.355	0.568
5/23/2021 9:42 AM	0.733	0.387	0.574
5/23/2021 9:48 AM	0.73	0.417	0.576
5/23/2021 9:54 AM	0.749	0.37	0.571
5/23/2021 10:00 AM	0.727	0.393	0.569
5/23/2021 10:06 AM	0.721	0.421	0.571
5/23/2021 10:12 AM	0.749	0.461	0.574
5/23/2021 10:18 AM	0.743	0.504	0.578
5/23/2021 10:24 AM	0.669	0.508	0.582
5/23/2021 10:30 AM	0.643	0.521	0.58
5/23/2021 10:36 AM	0.688	0.511	0.575
5/23/2021 10:42 AM	0.653	0.494	0.57
5/23/2021 10:48 AM	0.63	0.482	0.567
5/23/2021 10:54 AM	0.662	0.477	0.568
5/23/2021 11:00 AM	0.69	10.726	0.565
5/23/2021 11:06 AM	0.496	20.075	0.567

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/23/2021 11:12 AM	0.145	10.756	0.572
5/23/2021 11:18 AM	0.125	6.688	0.575
5/23/2021 11:24 AM	0.252	6.173	0.572
5/23/2021 11:30 AM	0.328	6.448	0.577
5/23/2021 11:36 AM	0.378	6.486	0.578
5/23/2021 11:42 AM	0.402	5.971	0.572
5/23/2021 11:48 AM	0.426	5.252	0.567
5/23/2021 11:54 AM	0.464	4.69	0.567
5/23/2021 12:00 PM	0.521	4.386	0.56
5/23/2021 12:06 PM	0.566	3.925	0.533
5/23/2021 12:12 PM	0.572	3.771	0.529
5/23/2021 12:18 PM	0.619	3.73	0.529
5/23/2021 12:24 PM	0.69	3.666	0.535
5/23/2021 12:30 PM	0.735	3.608	0.537
5/23/2021 12:36 PM	0.748	3.611	0.535
5/23/2021 12:42 PM	0.759	3.571	0.535
5/23/2021 12:48 PM	0.762	3.545	0.535
5/23/2021 12:54 PM	0.76	3.508	0.53
5/23/2021 1:00 PM	0.773	3.437	0.534
5/23/2021 1:06 PM	0.758	3.446	0.537
5/23/2021 1:12 PM	0.724	3.389	0.538
5/23/2021 1:18 PM	0.722	3.333	0.54
5/23/2021 1:24 PM	0.715	3.333	0.544
5/23/2021 1:30 PM	0.734	3.339	0.546
5/23/2021 1:36 PM	0.759	3.305	0.548
5/23/2021 1:42 PM	0.757	3.232	0.549
5/23/2021 1:48 PM	0.721	3.256	0.551
5/23/2021 1:54 PM	0.726	3.249	0.553
5/23/2021 2:00 PM	0.732	3.206	0.545
5/23/2021 2:06 PM	0.753	3.197	0.538
5/23/2021 2:12 PM	0.768	3.204	0.531
5/23/2021 2:18 PM	0.756	3.211	0.526
5/23/2021 2:24 PM	0.754	3.205	0.525
5/23/2021 2:30 PM	0.762	3.197	0.525
5/23/2021 2:36 PM	0.764	3.217	0.52
5/23/2021 2:42 PM	0.803	3.197	0.514
5/23/2021 2:48 PM	0.802	3.142	0.517
5/23/2021 2:54 PM	0.804	3.117	0.524
5/23/2021 3:00 PM	0.848	3.096	0.529
5/23/2021 3:06 PM	0.86	3.05	0.532
5/23/2021 3:12 PM	0.843	3.049	0.532
5/23/2021 3:18 PM	0.841	3.082	0.533
5/23/2021 3:24 PM	0.845	3.032	0.533
5/23/2021 3:30 PM	0.814	2.944	0.533
5/23/2021 3:36 PM	0.778	2.9	0.533
5/23/2021 3:42 PM	0.811	2.94	0.539
5/23/2021 3:48 PM	0.869	2.975	0.543
5/23/2021 3:54 PM	0.862	2.903	0.547
5/23/2021 4:00 PM	0.804	2.822	0.548
5/23/2021 4:06 PM	0.797	2.819	0.544
5/23/2021 4:12 PM	0.818	2.875	0.542
5/23/2021 4:18 PM	0.829	2.895	0.548
5/23/2021 4:24 PM	0.814	2.854	0.55
5/23/2021 4:30 PM	0.801	2.82	0.551

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/23/2021 4:36 PM	0.82	2.843	0.545
5/23/2021 4:42 PM	0.8	2.87	0.548
5/23/2021 4:48 PM	0.72	2.873	0.552
5/23/2021 4:54 PM	0.665	2.876	0.551
5/23/2021 5:00 PM	0.643	2.837	0.553
5/23/2021 5:06 PM	0.644	2.795	0.554
5/23/2021 5:12 PM	0.641	2.792	0.552
5/23/2021 5:18 PM	0.665	2.772	0.55
5/23/2021 5:24 PM	0.666	2.79	0.55
5/23/2021 5:30 PM	0.787	2.826	0.553
5/23/2021 5:36 PM	1.032	2.878	0.557
5/23/2021 5:42 PM	1.168	2.842	0.554
5/23/2021 5:48 PM	1.275	2.831	0.554
5/23/2021 5:54 PM	1.308	2.837	0.557
5/23/2021 6:00 PM	1.293	2.917	0.562
5/23/2021 6:06 PM	1.364	2.927	0.566
5/23/2021 6:12 PM	1.376	2.863	0.565
5/23/2021 6:18 PM	1.382	2.919	0.566
5/23/2021 6:24 PM	1.424	2.975	0.565
5/23/2021 6:30 PM	1.41	2.93	0.561
5/23/2021 6:36 PM	1.398	2.919	0.558
5/23/2021 6:42 PM	1.379	2.918	0.552
5/23/2021 6:48 PM	1.339	2.901	0.544
5/23/2021 6:54 PM	1.276	2.935	0.541
5/23/2021 7:00 PM	1.244	3.057	0.547
5/23/2021 7:06 PM	1.219	3.065	0.555
5/23/2021 7:12 PM	1.191	2.995	0.563
5/23/2021 7:18 PM	1.197	2.949	0.568
5/23/2021 7:24 PM	1.196	2.889	0.566
5/23/2021 7:30 PM	1.189	2.889	0.562
5/23/2021 7:36 PM	1.24	2.923	0.56
5/23/2021 7:42 PM	1.259	2.959	0.558
5/23/2021 7:48 PM	1.216	2.971	0.557
5/23/2021 7:54 PM	1.172	2.934	0.56
5/23/2021 8:00 PM	1.141	2.942	0.563
5/23/2021 8:06 PM	1.116	2.946	0.565
5/23/2021 8:12 PM	1.131	2.92	0.563
5/23/2021 8:18 PM	1.129	2.901	0.561
5/23/2021 8:24 PM	1.154	2.903	0.559
5/23/2021 8:30 PM	1.23	2.893	0.566
5/23/2021 8:36 PM	1.251	2.881	0.57
5/23/2021 8:42 PM	1.245	2.899	0.568
5/23/2021 8:48 PM	1.215	2.911	0.566
5/23/2021 8:54 PM	1.207	2.885	0.567
5/23/2021 9:00 PM	1.216	2.889	0.569
5/23/2021 9:06 PM	1.191	2.9	0.571
5/23/2021 9:12 PM	1.151	2.941	0.576
5/23/2021 9:18 PM	1.137	2.958	0.585
5/23/2021 9:24 PM	1.177	2.98	0.596
5/23/2021 9:30 PM	1.169	2.971	0.601
5/23/2021 9:36 PM	1.096	2.973	0.601
5/23/2021 9:42 PM	1.072	3.008	0.597
5/23/2021 9:48 PM	1.07	3.011	0.597
5/23/2021 9:54 PM	1.051	3.016	0.601

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/23/2021 10:00 PM	1.022	3.054	0.599
5/23/2021 10:06 PM	1.022	3.011	0.598
5/23/2021 10:12 PM	1.011	2.95	0.599
5/23/2021 10:18 PM	1.015	2.94	0.599
5/23/2021 10:24 PM	1.027	2.895	0.598
5/23/2021 10:30 PM	0.988	2.878	0.594
5/23/2021 10:36 PM	0.934	2.917	0.593
5/23/2021 10:42 PM	0.913	2.961	0.589
5/23/2021 10:48 PM	0.91	2.96	0.585
5/23/2021 10:54 PM	0.879	2.883	0.583
5/23/2021 11:00 PM	0.854	2.836	0.582
5/23/2021 11:06 PM	0.852	2.808	0.576
5/23/2021 11:12 PM	0.886	2.799	0.57
5/23/2021 11:18 PM	0.875	2.832	0.568
5/23/2021 11:24 PM	0.858	2.815	0.568
5/23/2021 11:30 PM	0.879	2.784	0.57
5/23/2021 11:36 PM	0.907	2.841	0.573
5/23/2021 11:42 PM	0.846	2.782	0.573
5/23/2021 11:48 PM	0.822	2.719	0.574
5/23/2021 11:54 PM	0.855	2.724	0.575
5/24/2021 12:00 AM	0.883	2.741	0.572
5/24/2021 12:06 AM	0.878	2.715	0.571
5/24/2021 12:12 AM	0.856	2.695	0.569
5/24/2021 12:18 AM	0.837	2.69	0.568
5/24/2021 12:24 AM	0.815	2.658	0.568
5/24/2021 12:30 AM	0.784	2.584	0.568
5/24/2021 12:36 AM	0.831	2.481	0.565
5/24/2021 12:42 AM	1.354	1.584	0.56
5/24/2021 12:48 AM	1.162	1.382	0.558
5/24/2021 12:54 AM	0.852	1.568	0.56
5/24/2021 1:00 AM	0.741	1.16	0.563
5/24/2021 1:06 AM	0.745	1.014	0.568
5/24/2021 1:12 AM	0.721	0.92	0.573
5/24/2021 1:18 AM	0.669	0.865	0.574
5/24/2021 1:24 AM	0.678	0.866	0.575
5/24/2021 1:30 AM	0.659	0.836	0.574
5/24/2021 1:36 AM	0.571	0.818	0.573
5/24/2021 1:42 AM	0.464	0.795	0.572
5/24/2021 1:48 AM	0.377	0.762	0.571
5/24/2021 1:54 AM	0.32	0.754	0.572
5/24/2021 2:00 AM	0.323	0.723	0.57
5/24/2021 2:06 AM	0.267	0.712	0.567
5/24/2021 2:12 AM	0.168	0.68	0.567
5/24/2021 2:18 AM	0.135	0.67	0.569
5/24/2021 2:24 AM	0.145	0.718	0.567
5/24/2021 2:30 AM	0.144	0.693	0.565
5/24/2021 2:36 AM	0.156	0.668	0.563
5/24/2021 2:42 AM	0.178	0.646	0.561
5/24/2021 2:48 AM	0.121	0.647	0.563
5/24/2021 2:54 AM	0.116	0.707	0.566
5/24/2021 3:00 AM	0.09	0.691	0.569
5/24/2021 3:06 AM	0.045	0.678	0.572
5/24/2021 3:12 AM	0.08	0.691	0.569
5/24/2021 3:18 AM	0.14	0.678	0.565

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/24/2021 3:24 AM	0.083	0.658	0.564
5/24/2021 3:30 AM	0.063	0.638	0.566
5/24/2021 3:36 AM	0.085	0.617	0.564
5/24/2021 3:42 AM	0.083	0.651	0.561
5/24/2021 3:48 AM	0.071	0.662	0.558
5/24/2021 3:54 AM	0.053	0.666	0.556
5/24/2021 4:00 AM	0.018	0.678	0.558
5/24/2021 4:06 AM	-0.014	0.678	0.562
5/24/2021 4:12 AM	-0.041	0.688	0.562
5/24/2021 4:18 AM	0.003	0.675	0.563
5/24/2021 4:24 AM	-0.022	0.725	0.565
5/24/2021 4:30 AM	-0.062	0.746	0.565
5/24/2021 4:36 AM	-0.074	0.733	0.565
5/24/2021 4:42 AM	-0.056	0.718	0.562
5/24/2021 4:48 AM	-0.024	0.717	0.563
5/24/2021 4:54 AM	-0.036	0.718	0.559
5/24/2021 5:00 AM	-0.043	0.71	0.557
5/24/2021 5:06 AM	-0.053	0.705	0.559
5/24/2021 5:12 AM	-0.11	0.708	0.561
5/24/2021 5:18 AM	-0.14	0.703	0.564
5/24/2021 5:24 AM	-0.13	0.72	0.562
5/24/2021 5:30 AM	-0.125	0.723	0.56
5/24/2021 5:36 AM	-0.152	0.71	0.559
5/24/2021 5:42 AM	-0.136	0.72	0.56
5/24/2021 5:48 AM	-0.118	0.686	0.562
5/24/2021 5:54 AM	-0.128	0.694	0.56
5/24/2021 6:00 AM	-0.083	0.686	0.555
5/24/2021 6:06 AM	-0.106	0.675	0.55
5/24/2021 6:12 AM	-0.114	0.706	0.544
5/24/2021 6:18 AM	-0.036	0.749	0.544
5/24/2021 6:24 AM	0.009	0.78	0.546
5/24/2021 6:30 AM	0.059	0.775	0.545
5/24/2021 6:36 AM	0.092	0.74	0.546
5/24/2021 6:42 AM	0.096	0.741	0.545
5/24/2021 6:48 AM	0.924	0.749	0.542
5/24/2021 6:54 AM	1.239	0.76	0.541
5/24/2021 7:00 AM	0.514	0.752	0.541
5/24/2021 7:06 AM	0.413	0.745	0.537
5/24/2021 7:12 AM	0.38	0.739	0.534
5/24/2021 7:18 AM	0.336	0.832	0.534
5/24/2021 7:24 AM	0.349	0.836	0.534
5/24/2021 7:30 AM	0.329	0.602	0.543
5/24/2021 7:36 AM	0.283	0.496	5.935
5/24/2021 7:42 AM	-0.052	0.456	9.416
5/24/2021 7:48 AM	-0.157	0.469	4.247
5/24/2021 7:54 AM	-0.017	0.522	2.818
5/24/2021 8:00 AM	0.053	0.529	2.568
5/24/2021 8:06 AM	0.059	0.514	2.504
5/24/2021 8:12 AM	0.074	0.508	2.52
5/24/2021 8:18 AM	0.1	0.499	2.523
5/24/2021 8:24 AM	0.116	0.48	2.51
5/24/2021 8:30 AM	0.119	0.437	2.502
5/24/2021 8:36 AM	0.124	0.428	2.472
5/24/2021 8:42 AM	0.116	0.464	2.482

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/24/2021 8:48 AM	0.14	0.503	2.54
5/24/2021 8:54 AM	0.154	0.593	2.574
5/24/2021 9:00 AM	0.12	0.621	2.604
5/24/2021 9:06 AM	0.107	0.598	2.586
5/24/2021 9:12 AM	0.123	0.619	2.549
5/24/2021 9:18 AM	0.131	0.647	2.513
5/24/2021 9:24 AM	0.121	0.642	2.46
5/24/2021 9:30 AM	0.078	0.664	2.427
5/24/2021 9:36 AM	0.125	0.663	2.361
5/24/2021 9:42 AM	0.172	0.66	2.296
5/24/2021 9:48 AM	0.133	0.664	2.307
5/24/2021 9:54 AM	0.106	0.685	2.316
5/24/2021 10:00 AM	0.107	0.693	2.276
5/24/2021 10:06 AM	0.109	0.703	2.242
5/24/2021 10:12 AM	0.113	0.681	2.247
5/24/2021 10:18 AM	0.095	0.653	2.284
5/24/2021 10:24 AM	0.078	0.67	2.275
5/24/2021 10:30 AM	0.102	0.655	2.27
5/24/2021 10:36 AM	0.113	0.66	2.273
5/24/2021 10:42 AM	0.232	0.701	2.279
5/24/2021 10:48 AM	0.381	0.726	2.25
5/24/2021 10:54 AM	0.394	0.719	2.21
5/24/2021 11:00 AM	0.408	0.678	2.219
5/24/2021 11:06 AM	0.413	0.674	2.217
5/24/2021 11:12 AM	0.408	0.669	2.197
5/24/2021 11:18 AM	0.437	0.696	2.207
5/24/2021 11:24 AM	0.432	0.694	2.172
5/24/2021 11:30 AM	0.434	0.693	2.18
5/24/2021 11:36 AM	0.401	0.685	2.188
5/24/2021 11:42 AM	0.351	0.674	2.194
5/24/2021 11:48 AM	0.325	0.699	2.218
5/24/2021 11:54 AM	0.316	0.7	2.182
5/24/2021 12:00 PM	0.368	0.634	2.168
5/24/2021 12:06 PM	0.563	0.482	2.181
5/24/2021 12:12 PM	0.57	0.483	2.195
5/24/2021 12:18 PM	0.601	0.491	2.212
5/24/2021 12:24 PM	0.643	0.472	2.234
5/24/2021 12:30 PM	0.654	0.434	2.216
5/24/2021 12:36 PM	0.633	0.457	2.206
5/24/2021 12:42 PM	0.618	0.471	2.206
5/24/2021 12:48 PM	0.642	0.476	2.158
5/24/2021 12:54 PM	0.644	0.448	2.125
5/24/2021 1:00 PM	0.634	0.435	2.12
5/24/2021 1:06 PM	0.64	0.456	2.137
5/24/2021 1:12 PM	0.616	0.495	2.171
5/24/2021 1:18 PM	0.601	0.472	2.171
5/24/2021 1:24 PM	0.652	0.443	2.164
5/24/2021 1:30 PM	0.676	0.455	2.201
5/24/2021 1:36 PM	0.649	0.454	2.186
5/24/2021 1:42 PM	0.63	0.484	2.168
5/24/2021 1:48 PM	0.598	0.544	2.176
5/24/2021 1:54 PM	0.587	0.56	2.174
5/24/2021 2:00 PM	0.581	0.541	2.161
5/24/2021 2:06 PM	0.516	0.531	2.166

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/24/2021 2:12 PM	0.563	0.526	2.168
5/24/2021 2:18 PM	0.596	0.567	2.208
5/24/2021 2:24 PM	0.067	0.582	2.201
5/24/2021 2:30 PM	-0.266	0.567	2.209
5/24/2021 2:36 PM	-0.384	0.578	2.222
5/24/2021 2:42 PM	-0.672	0.596	2.221
5/24/2021 2:48 PM	-0.711	0.61	2.216
5/24/2021 2:54 PM	-0.724	0.63	2.219
5/24/2021 3:00 PM	-0.725	0.656	2.208
5/24/2021 3:06 PM	-0.677	0.652	2.2
5/24/2021 3:12 PM	-0.647	0.66	2.221
5/24/2021 3:18 PM	-0.664	0.655	2.194
5/24/2021 3:24 PM	-0.64	0.649	2.169
5/24/2021 3:30 PM	-0.573	0.662	2.138
5/24/2021 3:36 PM	-0.537	0.655	2.098
5/24/2021 3:42 PM	-0.496	0.659	2.129
5/24/2021 3:48 PM	-0.484	0.66	2.175
5/24/2021 3:54 PM	-0.443	0.689	2.169
5/24/2021 4:00 PM	-0.404	0.74	2.169
5/24/2021 4:06 PM	-0.373	0.756	2.169
5/24/2021 4:12 PM	-0.352	0.763	2.152
5/24/2021 4:18 PM	-0.356	0.757	2.138
5/24/2021 4:24 PM	-0.337	0.75	2.137
5/24/2021 4:30 PM	-0.307	0.736	2.165
5/24/2021 4:36 PM	-0.243	0.722	2.163
5/24/2021 4:42 PM	-0.229	0.727	2.17
5/24/2021 4:48 PM	-0.248	0.713	2.166
5/24/2021 4:54 PM	-0.226	0.72	2.181
5/24/2021 5:00 PM	-0.2	0.75	2.175
5/24/2021 5:06 PM	-0.189	0.754	2.179
5/24/2021 5:12 PM	-0.197	0.732	2.202
5/24/2021 5:18 PM	-0.188	0.733	2.201
5/24/2021 5:24 PM	-0.175	0.703	2.196
5/24/2021 5:30 PM	-0.17	0.693	2.245
5/24/2021 5:36 PM	-0.149	0.738	2.212
5/24/2021 5:42 PM	-0.147	0.749	2.181
5/24/2021 5:48 PM	-0.148	0.733	2.189
5/24/2021 5:54 PM	-0.16	0.731	2.181
5/24/2021 6:00 PM	-0.155	0.713	2.181
5/24/2021 6:06 PM	-0.128	0.711	2.193
5/24/2021 6:12 PM	-0.107	0.75	2.225
5/24/2021 6:18 PM	-0.097	0.748	2.217
5/24/2021 6:24 PM	-0.094	0.739	2.183
5/24/2021 6:30 PM	-0.089	0.761	2.166
5/24/2021 6:36 PM	-0.083	0.735	2.173
5/24/2021 6:42 PM	-0.073	0.73	2.212
5/24/2021 6:48 PM	-0.072	0.746	2.218
5/24/2021 6:54 PM	-0.128	0.745	2.212
5/24/2021 7:00 PM	-0.12	0.738	2.212
5/24/2021 7:06 PM	-0.141	0.735	2.188
5/24/2021 7:12 PM	-0.163	0.74	2.194
5/24/2021 7:18 PM	-0.101	0.79	2.188
5/24/2021 7:24 PM	-0.091	0.807	2.179
5/24/2021 7:30 PM	-0.121	0.794	2.201

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/24/2021 7:36 PM	-0.103	0.799	2.188
5/24/2021 7:42 PM	-0.085	0.797	2.174
5/24/2021 7:48 PM	-0.085	0.802	2.176
5/24/2021 7:54 PM	-0.076	0.816	2.189
5/24/2021 8:00 PM	-0.06	0.847	2.201
5/24/2021 8:06 PM	-0.057	0.859	2.247
5/24/2021 8:12 PM	-0.046	0.864	2.252
5/24/2021 8:18 PM	-0.029	0.874	2.202
5/24/2021 8:24 PM	-0.03	0.863	2.216
5/24/2021 8:30 PM	-0.049	0.843	2.241
5/24/2021 8:36 PM	-0.047	0.833	2.249
5/24/2021 8:42 PM	-0.037	0.854	2.246
5/24/2021 8:48 PM	-0.034	0.885	2.245
5/24/2021 8:54 PM	-0.005	0.896	2.244
5/24/2021 9:00 PM	-0.01	0.898	2.256
5/24/2021 9:06 PM	-0.008	0.904	2.261
5/24/2021 9:12 PM	-0.004	0.928	2.265
5/24/2021 9:18 PM	-0.01	0.929	2.269
5/24/2021 9:24 PM	-0.011	0.943	2.263
5/24/2021 9:30 PM	0.002	0.961	2.277
5/24/2021 9:36 PM	0.009	0.962	2.263
5/24/2021 9:42 PM	0.035	0.965	2.233
5/24/2021 9:48 PM	0.046	0.972	2.208
5/24/2021 9:54 PM	0.033	0.98	2.219
5/24/2021 10:00 PM	0.035	1.005	2.234
5/24/2021 10:06 PM	0.048	1.023	2.248
5/24/2021 10:12 PM	0.08	1.039	2.261
5/24/2021 10:18 PM	0.075	1.034	2.253
5/24/2021 10:24 PM	0.058	1.036	2.235
5/24/2021 10:30 PM	0.079	1.059	2.216
5/24/2021 10:36 PM	0.089	1.068	2.192
5/24/2021 10:42 PM	0.086	1.07	2.202
5/24/2021 10:48 PM	0.068	1.073	2.208
5/24/2021 10:54 PM	0.074	1.085	2.258
5/24/2021 11:00 PM	0.087	1.09	2.357
5/24/2021 11:06 PM	0.066	1.098	2.259
5/24/2021 11:12 PM	0.059	1.096	2.257
5/24/2021 11:18 PM	0.076	1.102	2.249
5/24/2021 11:24 PM	0.073	1.108	2.245
5/24/2021 11:30 PM	0.094	1.126	2.221
5/24/2021 11:36 PM	0.123	1.139	2.243
5/24/2021 11:42 PM	0.139	1.139	2.294
5/24/2021 11:48 PM	0.144	1.146	2.293
5/24/2021 11:54 PM	0.143	1.157	2.268
5/25/2021 12:00 AM	0.121	1.175	2.274
5/25/2021 12:06 AM	0.11	1.175	2.28
5/25/2021 12:12 AM	0.103	1.174	2.252
5/25/2021 12:18 AM	0.089	1.191	2.267
5/25/2021 12:24 AM	0.098	1.219	2.244
5/25/2021 12:30 AM	0.121	1.24	2.237
5/25/2021 12:36 AM	0.121	1.263	2.269
5/25/2021 12:42 AM	0.113	1.279	2.319
5/25/2021 12:48 AM	0.113	1.295	2.322
5/25/2021 12:54 AM	0.118	1.303	2.339

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/25/2021 1:00 AM	0.096	1.323	2.506
5/25/2021 1:06 AM	0.083	1.372	2.479
5/25/2021 1:12 AM	0.093	1.403	2.435
5/25/2021 1:18 AM	0.095	1.42	2.395
5/25/2021 1:24 AM	0.088	1.433	2.316
5/25/2021 1:30 AM	0.086	1.447	2.335
5/25/2021 1:36 AM	0.084	1.461	2.374
5/25/2021 1:42 AM	0.079	1.453	2.369
5/25/2021 1:48 AM	0.085	1.456	2.391
5/25/2021 1:54 AM	0.069	1.466	2.373
5/25/2021 2:00 AM	0.057	1.464	2.368
5/25/2021 2:06 AM	0.074	1.458	2.382
5/25/2021 2:12 AM	0.097	1.468	2.354
5/25/2021 2:18 AM	0.087	1.51	2.334
5/25/2021 2:24 AM	0.083	1.542	2.341
5/25/2021 2:30 AM	0.064	1.555	2.367
5/25/2021 2:36 AM	0.06	1.569	2.389
5/25/2021 2:42 AM	0.068	1.56	2.386
5/25/2021 2:48 AM	0.072	1.577	2.378
5/25/2021 2:54 AM	0.073	1.627	2.393
5/25/2021 3:00 AM	0.074	1.656	2.371
5/25/2021 3:06 AM	0.091	1.666	2.35
5/25/2021 3:12 AM	0.097	1.683	2.362
5/25/2021 3:18 AM	0.086	1.691	2.35
5/25/2021 3:24 AM	0.097	1.696	2.384
5/25/2021 3:30 AM	0.098	1.713	2.382
5/25/2021 3:36 AM	0.074	1.716	2.368
5/25/2021 3:42 AM	0.066	1.72	2.379
5/25/2021 3:48 AM	0.084	1.737	2.383
5/25/2021 3:54 AM	0.098	1.761	2.389
5/25/2021 4:00 AM	0.107	1.787	2.361
5/25/2021 4:06 AM	0.115	1.784	2.329
5/25/2021 4:12 AM	0.118	1.775	2.345
5/25/2021 4:18 AM	0.125	1.777	2.38
5/25/2021 4:24 AM	0.116	1.818	2.386
5/25/2021 4:30 AM	0.126	1.844	2.361
5/25/2021 4:36 AM	0.127	1.84	2.38
5/25/2021 4:42 AM	0.132	1.837	2.374
5/25/2021 4:48 AM	0.136	1.852	2.315
5/25/2021 4:54 AM	0.125	1.925	2.312
5/25/2021 5:00 AM	0.123	2.041	2.304
5/25/2021 5:06 AM	0.112	2.162	2.3
5/25/2021 5:12 AM	0.088	2.3	2.316
5/25/2021 5:18 AM	0.062	2.45	2.317
5/25/2021 5:24 AM	0.071	2.601	2.342
5/25/2021 5:30 AM	0.082	2.656	2.322
5/25/2021 5:36 AM	0.076	2.527	2.309
5/25/2021 5:42 AM	0.08	2.342	2.303
5/25/2021 5:48 AM	0.095	2.225	2.295
5/25/2021 5:54 AM	0.103	2.287	2.287
5/25/2021 6:00 AM	0.13	2.548	2.322
5/25/2021 6:06 AM	0.148	2.732	2.372
5/25/2021 6:12 AM	0.157	2.849	2.376
5/25/2021 6:18 AM	0.167	2.9	2.347

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/25/2021 6:24 AM	0.174	2.991	2.354
5/25/2021 6:30 AM	0.173	3.101	2.34
5/25/2021 6:36 AM	0.157	3.014	2.318
5/25/2021 6:42 AM	0.149	2.752	2.33
5/25/2021 6:48 AM	0.148	2.47	2.327
5/25/2021 6:54 AM	0.138	2.216	2.336
5/25/2021 7:00 AM	0.126	1.978	2.345
5/25/2021 7:06 AM	0.121	1.793	2.345
5/25/2021 7:12 AM	0.127	1.698	2.352
5/25/2021 7:18 AM	0.128	1.663	2.383
5/25/2021 7:24 AM	4.162	1.681	2.389
5/25/2021 7:30 AM	6.461	1.742	2.361
5/25/2021 7:36 AM	3.518	1.821	2.332
5/25/2021 7:42 AM	2.123	1.883	2.335
5/25/2021 7:48 AM	1.63	1.913	2.332
5/25/2021 7:54 AM	1.621	1.928	2.352
5/25/2021 8:00 AM	1.697	1.963	2.365
5/25/2021 8:06 AM	1.781	2.018	2.373
5/25/2021 8:12 AM	1.734	2.063	2.373
5/25/2021 8:18 AM	1.596	2.096	2.368
5/25/2021 8:24 AM	1.542	2.142	2.381
5/25/2021 8:30 AM	1.466	2.202	2.375
5/25/2021 8:36 AM	1.28	2.283	2.361
5/25/2021 8:42 AM	1.058	2.439	2.336
5/25/2021 8:48 AM	1.055	2.682	2.33
5/25/2021 8:54 AM	1.287	2.959	2.326
5/25/2021 9:00 AM	1.511	3.099	2.356
5/25/2021 9:06 AM	1.658	3.178	2.382
5/25/2021 9:12 AM	1.675	3.391	2.406
5/25/2021 9:18 AM	1.641	3.611	2.466
5/25/2021 9:24 AM	1.58	3.707	2.48
5/25/2021 9:30 AM	1.399	3.724	2.456
5/25/2021 9:36 AM	1.188	3.645	2.478
5/25/2021 9:42 AM	0.994	3.47	2.506
5/25/2021 9:48 AM	0.801	3.182	2.547
5/25/2021 9:54 AM	0.699	2.906	2.538
5/25/2021 10:00 AM	0.75	2.646	2.519
5/25/2021 10:06 AM	0.86	2.377	2.481
5/25/2021 10:12 AM	0.918	2.137	2.45
5/25/2021 10:18 AM	0.919	1.964	2.488
5/25/2021 10:24 AM	0.866	1.877	2.5
5/25/2021 10:30 AM	0.866	1.871	2.525
5/25/2021 10:36 AM	0.852	1.928	2.508
5/25/2021 10:42 AM	0.856	2.019	2.476
5/25/2021 10:48 AM	0.925	2.097	2.489
5/25/2021 10:54 AM	1.018	2.126	2.453
5/25/2021 11:00 AM	1.029	2.072	2.418
5/25/2021 11:06 AM	0.966	2.022	2.418
5/25/2021 11:12 AM	0.988	2.07	2.382
5/25/2021 11:18 AM	1.016	2.15	2.419
5/25/2021 11:24 AM	0.987	2.204	2.44
5/25/2021 11:30 AM	1.002	2.188	2.417
5/25/2021 11:36 AM	1.024	2.066	2.433
5/25/2021 11:42 AM	0.998	1.942	2.449

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/25/2021 11:48 AM	0.991	1.874	2.45
5/25/2021 11:54 AM	1.062	1.855	2.456
5/25/2021 12:00 PM	1.087	1.868	2.41
5/25/2021 12:06 PM	0.995	1.993	2.334
5/25/2021 12:12 PM	1.047	2.021	2.337
5/25/2021 12:18 PM	1.107	2.092	2.341
5/25/2021 12:24 PM	1.15	2.213	2.402
5/25/2021 12:30 PM	1.203	2.378	2.438
5/25/2021 12:36 PM	1.214	2.536	2.428
5/25/2021 12:42 PM	1.224	2.589	2.384
5/25/2021 12:48 PM	1.216	2.524	2.346
5/25/2021 12:54 PM	1.128	2.382	2.351
5/25/2021 1:00 PM	1.083	2.165	2.39
5/25/2021 1:06 PM	1.077	2.068	2.408
5/25/2021 1:12 PM	1.058	2.073	2.427
5/25/2021 1:18 PM	1.038	2.117	2.416
5/25/2021 1:24 PM	1.065	2.244	2.382
5/25/2021 1:30 PM	1.081	2.354	2.382
5/25/2021 1:36 PM	1.039	2.473	2.356
5/25/2021 1:42 PM	0.965	2.571	2.331
5/25/2021 1:48 PM	0.916	2.627	2.287
5/25/2021 1:54 PM	0.857	2.63	2.28
5/25/2021 2:00 PM	0.834	2.56	2.286
5/25/2021 2:06 PM	0.844	2.445	2.27
5/25/2021 2:12 PM	0.857	2.445	2.29
5/25/2021 2:18 PM	0.879	2.547	2.272
5/25/2021 2:24 PM	0.879	2.71	2.27
5/25/2021 2:30 PM	0.895	2.925	2.271
5/25/2021 2:36 PM	0.9	3.187	2.24
5/25/2021 2:42 PM	0.887	3.436	2.252
5/25/2021 2:48 PM	0.902	3.65	2.283
5/25/2021 2:54 PM	0.918	3.795	2.321
5/25/2021 3:00 PM	0.877	3.831	2.36
5/25/2021 3:06 PM	0.839	3.792	2.364
5/25/2021 3:12 PM	0.849	3.685	2.36
5/25/2021 3:18 PM	0.885	3.532	2.321
5/25/2021 3:24 PM	0.934	3.355	2.306
5/25/2021 3:30 PM	0.954	3.142	2.304
5/25/2021 3:36 PM	0.914	3.007	2.3
5/25/2021 3:42 PM	0.883	2.923	2.261
5/25/2021 3:48 PM	0.891	2.828	2.266
5/25/2021 3:54 PM	0.902	2.809	2.293
5/25/2021 4:00 PM	0.881	2.91	2.274
5/25/2021 4:06 PM	0.881	2.974	2.152
5/25/2021 4:12 PM	0.957	3.051	2.102
5/25/2021 4:18 PM	0.942	3.117	2.131
5/25/2021 4:24 PM	0.85	3.186	2.148
5/25/2021 4:30 PM	0.852	3.256	2.194
5/25/2021 4:36 PM	0.881	3.337	2.232
5/25/2021 4:42 PM	0.912	3.326	2.217
5/25/2021 4:48 PM	0.949	3.268	2.201
5/25/2021 4:54 PM	0.953	3.268	2.199
5/25/2021 5:00 PM	0.908	3.278	2.202
5/25/2021 5:06 PM	0.845	3.213	2.217

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/25/2021 5:12 PM	0.857	3.13	2.238
5/25/2021 5:18 PM	0.887	3.098	2.271
5/25/2021 5:24 PM	0.878	3.093	2.283
5/25/2021 5:30 PM	0.826	3.141	2.27
5/25/2021 5:36 PM	0.807	3.22	2.285
5/25/2021 5:42 PM	0.877	3.315	2.288
5/25/2021 5:48 PM	0.917	3.439	2.304
5/25/2021 5:54 PM	0.896	3.618	2.38
5/25/2021 6:00 PM	0.909	3.94	2.4
5/25/2021 6:06 PM	0.984	4.278	2.36
5/25/2021 6:12 PM	0.984	4.543	2.391
5/25/2021 6:18 PM	0.954	4.683	2.398
5/25/2021 6:24 PM	0.891	4.623	2.35
5/25/2021 6:30 PM	0.902	4.537	2.318
5/25/2021 6:36 PM	0.927	4.543	2.323
5/25/2021 6:42 PM	0.891	4.557	2.322
5/25/2021 6:48 PM	0.854	4.517	2.318
5/25/2021 6:54 PM	0.84	4.436	2.326
5/25/2021 7:00 PM	0.832	4.324	2.324
5/25/2021 7:06 PM	0.824	4.235	2.346
5/25/2021 7:12 PM	0.827	4.196	2.379
5/25/2021 7:18 PM	0.836	4.133	2.346
5/25/2021 7:24 PM	0.861	4.059	2.35
5/25/2021 7:30 PM	0.909	3.944	2.34
5/25/2021 7:36 PM	0.925	3.84	2.335
5/25/2021 7:42 PM	0.98	3.77	2.34
5/25/2021 7:48 PM	1.035	3.73	2.31
5/25/2021 7:54 PM	0.996	3.738	2.314
5/25/2021 8:00 PM	0.969	3.76	2.343
5/25/2021 8:06 PM	0.962	3.794	2.388
5/25/2021 8:12 PM	0.946	3.821	2.397
5/25/2021 8:18 PM	0.963	3.834	2.404
5/25/2021 8:24 PM	0.916	3.834	2.386
5/25/2021 8:30 PM	0.905	3.822	2.348
5/25/2021 8:36 PM	0.919	3.821	2.352
5/25/2021 8:42 PM	0.899	3.808	2.385
5/25/2021 8:48 PM	0.709	3.782	2.395
5/25/2021 8:54 PM	0.544	3.754	2.388
5/25/2021 9:00 PM	0.51	3.718	2.382
5/25/2021 9:06 PM	0.528	3.672	2.376
5/25/2021 9:12 PM	0.572	3.645	2.365
5/25/2021 9:18 PM	0.605	3.63	2.39
5/25/2021 9:24 PM	0.596	3.628	2.399
5/25/2021 9:30 PM	0.636	3.628	2.395
5/25/2021 9:36 PM	0.714	3.638	2.388
5/25/2021 9:42 PM	0.741	3.642	2.429
5/25/2021 9:48 PM	0.773	3.634	2.476
5/25/2021 9:54 PM	0.761	3.647	2.453
5/25/2021 10:00 PM	0.722	3.645	2.424
5/25/2021 10:06 PM	0.758	3.63	2.417
5/25/2021 10:12 PM	0.831	3.61	2.409
5/25/2021 10:18 PM	0.855	3.602	2.389
5/25/2021 10:24 PM	0.823	3.593	2.382
5/25/2021 10:30 PM	0.673	3.598	2.418

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/25/2021 10:36 PM	0.655	3.618	2.437
5/25/2021 10:42 PM	0.672	3.61	2.404
5/25/2021 10:48 PM	0.668	3.603	2.402
5/25/2021 10:54 PM	0.713	3.612	2.402
5/25/2021 11:00 PM	0.73	3.617	2.415
5/25/2021 11:06 PM	0.708	3.611	2.416
5/25/2021 11:12 PM	0.699	3.613	2.399
5/25/2021 11:18 PM	0.722	3.618	2.394
5/25/2021 11:24 PM	0.712	3.608	2.376
5/25/2021 11:30 PM	0.719	3.598	2.39
5/25/2021 11:36 PM	0.693	3.592	2.406
5/25/2021 11:42 PM	0.629	3.586	2.406
5/25/2021 11:48 PM	0.716	3.576	2.398
5/25/2021 11:54 PM	0.834	3.565	2.45
5/26/2021 12:00 AM	0.847	3.542	2.493
5/26/2021 12:06 AM	0.73	3.526	2.503
5/26/2021 12:12 AM	0.646	3.53	2.475
5/26/2021 12:18 AM	0.667	3.537	2.463
5/26/2021 12:24 AM	0.645	3.548	2.477
5/26/2021 12:30 AM	0.62	3.573	2.471
5/26/2021 12:36 AM	0.603	3.618	2.458
5/26/2021 12:42 AM	0.566	3.672	2.466
5/26/2021 12:48 AM	0.516	3.712	2.469
5/26/2021 12:54 AM	0.685	3.712	1.867
5/26/2021 1:00 AM	0.765	3.721	0.563
5/26/2021 1:06 AM	0.443	3.73	0.062
5/26/2021 1:12 AM	0.458	3.742	0.094
5/26/2021 1:18 AM	0.455	3.751	0.107
5/26/2021 1:24 AM	0.54	3.748	0.091
5/26/2021 1:30 AM	0.731	3.765	0.087
5/26/2021 1:36 AM	0.794	3.782	0.094
5/26/2021 1:42 AM	0.801	3.792	0.12
5/26/2021 1:48 AM	0.768	3.796	0.137
5/26/2021 1:54 AM	0.724	3.805	0.126
5/26/2021 2:00 AM	0.697	3.812	0.119
5/26/2021 2:06 AM	0.687	3.82	0.11
5/26/2021 2:12 AM	0.71	3.818	0.098
5/26/2021 2:18 AM	0.708	3.824	0.116
5/26/2021 2:24 AM	0.691	3.836	0.132
5/26/2021 2:30 AM	0.661	3.843	0.122
5/26/2021 2:36 AM	0.652	3.853	0.118
5/26/2021 2:42 AM	0.688	3.847	0.143
5/26/2021 2:48 AM	0.616	3.836	0.119
5/26/2021 2:54 AM	0.554	3.831	0.121
5/26/2021 3:00 AM	0.556	3.848	0.132
5/26/2021 3:06 AM	0.543	3.859	0.127
5/26/2021 3:12 AM	0.531	3.857	0.12
5/26/2021 3:18 AM	0.544	3.854	0.122
5/26/2021 3:24 AM	0.593	3.862	0.125
5/26/2021 3:30 AM	0.572	3.879	0.114
5/26/2021 3:36 AM	0.575	3.886	0.115
5/26/2021 3:42 AM	0.611	3.884	0.117
5/26/2021 3:48 AM	0.607	3.894	0.129
5/26/2021 3:54 AM	0.621	3.91	0.143

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/26/2021 4:00 AM	0.59	3.899	0.132
5/26/2021 4:06 AM	0.553	3.887	0.117
5/26/2021 4:12 AM	0.483	3.884	0.118
5/26/2021 4:18 AM	0.461	3.878	0.125
5/26/2021 4:24 AM	0.47	3.864	0.144
5/26/2021 4:30 AM	0.491	3.866	0.148
5/26/2021 4:36 AM	0.46	3.883	0.139
5/26/2021 4:42 AM	0.426	3.904	0.131
5/26/2021 4:48 AM	0.427	3.919	0.134
5/26/2021 4:54 AM	0.518	3.934	0.132
5/26/2021 5:00 AM	0.606	4.028	0.133
5/26/2021 5:06 AM	0.57	4.225	0.141
5/26/2021 5:12 AM	0.52	4.429	0.147
5/26/2021 5:18 AM	0.49	4.689	0.159
5/26/2021 5:24 AM	0.475	5.037	0.169
5/26/2021 5:30 AM	0.438	5.33	0.152
5/26/2021 5:36 AM	0.484	5.526	0.144
5/26/2021 5:42 AM	0.642	5.58	0.14
5/26/2021 5:48 AM	0.672	5.517	0.137
5/26/2021 5:54 AM	0.596	5.392	0.149
5/26/2021 6:00 AM	0.541	5.294	0.155
5/26/2021 6:06 AM	0.504	5.194	0.145
5/26/2021 6:12 AM	0.396	5.083	0.145
5/26/2021 6:18 AM	0.392	4.934	0.148
5/26/2021 6:24 AM	0.444	4.834	0.145
5/26/2021 6:30 AM	0.465	4.882	0.143
5/26/2021 6:36 AM	0.459	4.956	0.126
5/26/2021 6:42 AM	0.452	4.886	0.129
5/26/2021 6:48 AM	0.441	4.776	0.13
5/26/2021 6:54 AM	0.439	4.686	0.128
5/26/2021 7:00 AM	0.476	4.604	0.128
5/26/2021 7:06 AM	0.515	4.574	0.124
5/26/2021 7:12 AM	0.476	4.605	0.124
5/26/2021 7:18 AM	0.45	4.626	0.114
5/26/2021 7:24 AM	0.457	4.678	0.106
5/26/2021 7:30 AM	0.517	4.772	0.123
5/26/2021 7:36 AM	0.586	4.922	0.117
5/26/2021 7:42 AM	0.603	5.197	0.11
5/26/2021 7:48 AM	0.626	5.566	0.113
5/26/2021 7:54 AM	0.651	5.919	0.106
5/26/2021 8:00 AM	0.582	5.962	0.102
5/26/2021 8:06 AM	0.508	5.682	0.111
5/26/2021 8:12 AM	0.433	5.595	0.118
5/26/2021 8:18 AM	0.414	6.013	0.11
5/26/2021 8:24 AM	0.429	6.481	0.108
5/26/2021 8:30 AM	0.395	6.637	0.107
5/26/2021 8:36 AM	0.486	6.705	0.093
5/26/2021 8:42 AM	0.541	6.733	0.086
5/26/2021 8:48 AM	0.379	6.741	0.09
5/26/2021 8:54 AM	0.273	6.686	0.087
5/26/2021 9:00 AM	0.28	6.603	0.08
5/26/2021 9:06 AM	0.289	6.533	0.088
5/26/2021 9:12 AM	0.276	6.481	0.082
5/26/2021 9:18 AM	0.242	6.408	0.083

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/26/2021 9:24 AM	0.292	6.26	0.084
5/26/2021 9:30 AM	0.316	5.909	0.078
5/26/2021 9:36 AM	0.344	5.417	0.09
5/26/2021 9:42 AM	0.363	4.942	0.087
5/26/2021 9:48 AM	0.381	4.525	0.091
5/26/2021 9:54 AM	0.363	4.155	0.1
5/26/2021 10:00 AM	0.344	3.835	0.108
5/26/2021 10:06 AM	0.381	3.556	0.114
5/26/2021 10:12 AM	0.423	3.286	0.113
5/26/2021 10:18 AM	0.451	3.026	0.118
5/26/2021 10:24 AM	0.434	2.808	0.12
5/26/2021 10:30 AM	0.357	2.699	0.112
5/26/2021 10:36 AM	0.346	2.681	0.116
5/26/2021 10:42 AM	0.401	2.705	0.131
5/26/2021 10:48 AM	0.445	2.766	0.14
5/26/2021 10:54 AM	0.441	2.808	0.149
5/26/2021 11:00 AM	0.307	2.765	0.152
5/26/2021 11:06 AM	0.249	2.69	0.153
5/26/2021 11:12 AM	0.391	2.688	0.156
5/26/2021 11:18 AM	0.605	2.743	0.165
5/26/2021 11:24 AM	0.813	2.773	0.163
5/26/2021 11:30 AM	0.932	2.75	0.163
5/26/2021 11:36 AM	0.946	2.71	0.167
5/26/2021 11:42 AM	0.903	2.685	0.172
5/26/2021 11:48 AM	0.867	2.641	0.18
5/26/2021 11:54 AM	0.859	2.574	0.191
5/26/2021 12:00 PM	0.866	2.493	0.19
5/26/2021 12:06 PM	0.878	2.321	0.138
5/26/2021 12:12 PM	0.865	2.332	0.144
5/26/2021 12:18 PM	0.88	2.39	0.145
5/26/2021 12:24 PM	0.92	2.451	0.14
5/26/2021 12:30 PM	0.948	2.516	0.15
5/26/2021 12:36 PM	0.959	2.608	0.159
5/26/2021 12:42 PM	0.959	2.635	0.16
5/26/2021 12:48 PM	0.931	2.619	0.161
5/26/2021 12:54 PM	0.945	2.527	0.16
5/26/2021 1:00 PM	0.993	2.439	0.155
5/26/2021 1:06 PM	1.049	2.435	0.164
5/26/2021 1:12 PM	<Samp	<Samp	<Samp
5/26/2021 1:18 PM	Maintain	Maintain	Maintain
5/26/2021 1:24 PM	<Samp	<Samp	<Samp
5/26/2021 1:30 PM	1.022	2.772	0.191
5/26/2021 1:36 PM	1.013	2.841	0.196
5/26/2021 1:42 PM	0.976	2.888	0.196
5/26/2021 1:48 PM	0.937	2.9	0.195
5/26/2021 1:54 PM	0.972	2.824	0.189
5/26/2021 2:00 PM	0.959	2.692	0.186
5/26/2021 2:06 PM	0.95	2.614	0.186
5/26/2021 2:12 PM	0.963	2.635	0.178
5/26/2021 2:18 PM	0.883	2.735	0.179
5/26/2021 2:24 PM	0.871	2.856	0.185
5/26/2021 2:30 PM	0.889	3.044	0.183
5/26/2021 2:36 PM	0.9	3.26	0.176
5/26/2021 2:42 PM	0.938	3.418	0.17

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/26/2021 2:48 PM	0.927	3.54	0.166
5/26/2021 2:54 PM	0.909	3.661	0.168
5/26/2021 3:00 PM	0.951	3.719	0.172
5/26/2021 3:06 PM	0.982	3.71	0.181
5/26/2021 3:12 PM	0.961	3.651	0.187
5/26/2021 3:18 PM	0.955	3.59	0.189
5/26/2021 3:24 PM	1.016	3.452	0.196
5/26/2021 3:30 PM	1.021	3.355	0.198
5/26/2021 3:36 PM	1.031	3.193	0.197
5/26/2021 3:42 PM	1.039	3.025	0.2
5/26/2021 3:48 PM	0.986	2.94	0.202
5/26/2021 3:54 PM	0.921	2.904	0.203
5/26/2021 4:00 PM	0.911	2.903	0.209
5/26/2021 4:06 PM	0.945	2.896	0.212
5/26/2021 4:12 PM	0.968	2.904	0.214
5/26/2021 4:18 PM	1.026	2.933	5.265
5/26/2021 4:24 PM	1.052	2.99	6.288
5/26/2021 4:30 PM	1.062	3.063	1.109
5/26/2021 4:36 PM	1.114	3.338	0.448
5/26/2021 4:42 PM	1.14	3.666	0.291
5/26/2021 4:48 PM	1.171	3.895	0.231
5/26/2021 4:54 PM	1.196	4.147	0.207
5/26/2021 5:00 PM	1.202	4.433	0.199
5/26/2021 5:06 PM	1.162	4.652	0.195
5/26/2021 5:12 PM	1.102	4.827	0.188
5/26/2021 5:18 PM	1.068	4.985	0.189
5/26/2021 5:24 PM	1.014	5.152	0.193
5/26/2021 5:30 PM	0.955	5.27	0.195
5/26/2021 5:36 PM	0.998	5.327	0.196
5/26/2021 5:42 PM	1.044	5.358	0.202
5/26/2021 5:48 PM	1.083	5.353	0.212
5/26/2021 5:54 PM	1.143	5.286	0.221
5/26/2021 6:00 PM	1.249	4.737	0.224
5/26/2021 6:06 PM	1.342	4.052	0.228
5/26/2021 6:12 PM	1.216	3.882	0.246
5/26/2021 6:18 PM	1.061	4.065	0.266
5/26/2021 6:24 PM	1.009	4.537	0.278
5/26/2021 6:30 PM	0.929	4.614	0.294
5/26/2021 6:36 PM	0.845	4.506	0.313
5/26/2021 6:42 PM	0.782	4.634	0.323
5/26/2021 6:48 PM	0.718	4.854	0.333
5/26/2021 6:54 PM	0.658	4.938	0.341
5/26/2021 7:00 PM	0.652	4.95	0.338
5/26/2021 7:06 PM	0.672	4.925	0.326
5/26/2021 7:12 PM	0.73	4.77	0.316
5/26/2021 7:18 PM	0.784	4.427	0.312
5/26/2021 7:24 PM	0.844	3.947	0.304
5/26/2021 7:30 PM	0.877	3.462	0.306
5/26/2021 7:36 PM	0.865	3.239	0.31
5/26/2021 7:42 PM	0.794	3.076	0.318
5/26/2021 7:48 PM	0.733	2.963	0.308
5/26/2021 7:54 PM	0.765	2.904	0.304
5/26/2021 8:00 PM	0.816	2.858	0.308
5/26/2021 8:06 PM	0.85	2.874	0.313

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/26/2021 8:12 PM	0.882	2.924	0.32
5/26/2021 8:18 PM	0.898	3.061	0.324
5/26/2021 8:24 PM	0.9	3.17	0.323
5/26/2021 8:30 PM	0.903	3.22	0.321
5/26/2021 8:36 PM	0.909	3.232	0.319
5/26/2021 8:42 PM	0.876	3.241	0.317
5/26/2021 8:48 PM	0.854	3.279	0.315
5/26/2021 8:54 PM	0.833	3.275	0.315
5/26/2021 9:00 PM	0.86	3.231	0.317
5/26/2021 9:06 PM	0.873	3.199	0.318
5/26/2021 9:12 PM	0.789	3.183	0.317
5/26/2021 9:18 PM	0.719	3.17	0.321
5/26/2021 9:24 PM	0.69	3.135	0.326
5/26/2021 9:30 PM	0.694	3.104	0.327
5/26/2021 9:36 PM	0.719	3.074	0.323
5/26/2021 9:42 PM	0.753	3.041	0.319
5/26/2021 9:48 PM	0.756	3.018	0.317
5/26/2021 9:54 PM	0.72	2.999	0.318
5/26/2021 10:00 PM	0.691	3.007	0.321
5/26/2021 10:06 PM	0.709	2.987	0.323
5/26/2021 10:12 PM	0.748	2.983	0.324
5/26/2021 10:18 PM	0.709	2.997	0.325
5/26/2021 10:24 PM	0.676	3.008	0.327
5/26/2021 10:30 PM	0.744	3.025	0.324
5/26/2021 10:36 PM	0.756	3.038	0.322
5/26/2021 10:42 PM	0.773	3.064	0.326
5/26/2021 10:48 PM	0.726	3.078	0.333
5/26/2021 10:54 PM	0.693	3.117	0.334
5/26/2021 11:00 PM	0.702	3.157	0.341
5/26/2021 11:06 PM	0.713	3.249	0.35
5/26/2021 11:12 PM	0.729	3.624	0.356
5/26/2021 11:18 PM	0.801	4.104	0.373
5/26/2021 11:24 PM	0.81	4.321	0.384
5/26/2021 11:30 PM	0.738	4.383	0.388
5/26/2021 11:36 PM	0.73	4.408	0.392
5/26/2021 11:42 PM	0.729	4.42	0.389
5/26/2021 11:48 PM	0.675	4.413	0.385
5/26/2021 11:54 PM	0.638	4.413	0.388
5/27/2021 12:00 AM	0.645	4.397	0.392
5/27/2021 12:06 AM	0.596	4.384	0.393
5/27/2021 12:12 AM	0.585	4.375	0.4
5/27/2021 12:18 AM	0.618	4.387	0.409
5/27/2021 12:24 AM	0.618	4.381	0.414
5/27/2021 12:30 AM	0.64	4.364	0.413
5/27/2021 12:36 AM	0.571	4.334	0.415
5/27/2021 12:42 AM	0.452	4.274	0.411
5/27/2021 12:48 AM	0.445	4.232	0.405
5/27/2021 12:54 AM	0.475	4.199	0.404
5/27/2021 1:00 AM	0.486	4.148	0.403
5/27/2021 1:06 AM	0.532	4.083	0.401
5/27/2021 1:12 AM	1.047	4.025	0.402
5/27/2021 1:18 AM	1.202	3.983	0.403
5/27/2021 1:24 AM	0.886	3.926	0.407
5/27/2021 1:30 AM	0.794	3.895	0.414

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/27/2021 1:36 AM	0.72	3.909	0.417
5/27/2021 1:42 AM	0.633	3.895	0.417
5/27/2021 1:48 AM	0.558	3.855	0.414
5/27/2021 1:54 AM	0.57	3.691	0.416
5/27/2021 2:00 AM	0.583	3.618	0.424
5/27/2021 2:06 AM	0.655	3.503	0.437
5/27/2021 2:12 AM	0.742	3.355	0.448
5/27/2021 2:18 AM	0.746	3.261	0.452
5/27/2021 2:24 AM	0.752	3.21	0.446
5/27/2021 2:30 AM	0.741	3.16	0.438
5/27/2021 2:36 AM	0.722	3.124	0.431
5/27/2021 2:42 AM	0.786	3.154	0.421
5/27/2021 2:48 AM	0.798	3.194	0.414
5/27/2021 2:54 AM	0.821	3.192	0.41
5/27/2021 3:00 AM	0.86	3.145	0.408
5/27/2021 3:06 AM	0.848	3.189	0.407
5/27/2021 3:12 AM	0.864	3.284	0.407
5/27/2021 3:18 AM	0.92	3.354	0.402
5/27/2021 3:24 AM	0.94	3.223	0.4
5/27/2021 3:30 AM	0.91	3.107	0.406
5/27/2021 3:36 AM	0.897	3.206	0.415
5/27/2021 3:42 AM	0.935	2.286	0.417
5/27/2021 3:48 AM	0.95	1.084	0.418
5/27/2021 3:54 AM	0.943	1.864	0.419
5/27/2021 4:00 AM	0.954	2.748	0.419
5/27/2021 4:06 AM	0.538	2.997	0.421
5/27/2021 4:12 AM	0.27	2.848	0.423
5/27/2021 4:18 AM	0.417	2.877	0.424
5/27/2021 4:24 AM	0.555	2.938	0.425
5/27/2021 4:30 AM	0.66	2.789	0.427
5/27/2021 4:36 AM	0.718	2.814	0.431
5/27/2021 4:42 AM	0.72	2.821	0.434
5/27/2021 4:48 AM	0.718	2.827	0.438
5/27/2021 4:54 AM	0.698	2.934	0.437
5/27/2021 5:00 AM	0.715	3.278	0.434
5/27/2021 5:06 AM	0.699	3.85	0.433
5/27/2021 5:12 AM	0.602	4.193	0.434
5/27/2021 5:18 AM	0.584	4.935	0.436
5/27/2021 5:24 AM	0.616	5.44	0.436
5/27/2021 5:30 AM	0.607	5.532	0.432
5/27/2021 5:36 AM	0.61	5.712	0.433
5/27/2021 5:42 AM	0.617	5.761	0.431
5/27/2021 5:48 AM	0.575	5.843	0.428
5/27/2021 5:54 AM	0.575	5.643	0.428
5/27/2021 6:00 AM	0.538	5.331	0.427
5/27/2021 6:06 AM	0.517	5.453	0.422
5/27/2021 6:12 AM	0.494	5.413	0.413
5/27/2021 6:18 AM	0.493	5.232	3.177
5/27/2021 6:24 AM	0.455	4.861	9.889
5/27/2021 6:30 AM	0.144	4.669	8.467
5/27/2021 6:36 AM	-0.362	4.482	4.728
5/27/2021 6:42 AM	-0.533	4.391	3.523
5/27/2021 6:48 AM	-0.501	4.309	3.012
5/27/2021 6:54 AM	-0.495	3.982	2.764

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/27/2021 7:00 AM	-0.466	3.616	2.603
5/27/2021 7:06 AM	-0.424	3.482	2.561
5/27/2021 7:12 AM	-0.371	3.681	2.547
5/27/2021 7:18 AM	-0.309	3.639	2.552
5/27/2021 7:24 AM	-0.33	3.492	2.525
5/27/2021 7:30 AM	-0.309	3.407	2.501
5/27/2021 7:36 AM	-0.236	3.286	2.489
5/27/2021 7:42 AM	-0.198	3.168	2.453
5/27/2021 7:48 AM	-0.171	3.043	2.412
5/27/2021 7:54 AM	-0.114	2.99	2.414
5/27/2021 8:00 AM	-0.074	2.872	2.42
5/27/2021 8:06 AM	-0.067	2.647	2.484
5/27/2021 8:12 AM	-0.018	2.591	2.501
5/27/2021 8:18 AM	-0.004	2.627	2.48
5/27/2021 8:24 AM	0.025	2.541	2.445
5/27/2021 8:30 AM	0.085	2.369	2.453
5/27/2021 8:36 AM	0.116	2.203	2.458
5/27/2021 8:42 AM	0.155	2.08	2.436
5/27/2021 8:48 AM	0.162	2.063	2.373
5/27/2021 8:54 AM	0.118	2.062	2.385
5/27/2021 9:00 AM	0.091	2.188	2.424
5/27/2021 9:06 AM	0.05	2.398	2.368
5/27/2021 9:12 AM	0.043	2.393	2.276
5/27/2021 9:18 AM	0.017	2.281	2.283
5/27/2021 9:24 AM	0.007	2.24	2.359
5/27/2021 9:30 AM	-0.026	2.389	2.373
5/27/2021 9:36 AM	-0.016	2.668	2.33
5/27/2021 9:42 AM	0.023	2.82	2.302
5/27/2021 9:48 AM	-0.002	2.731	2.307
5/27/2021 9:54 AM	-0.03	2.486	2.29
5/27/2021 10:00 AM	-0.044	2.377	2.244
5/27/2021 10:06 AM	-0.027	2.33	2.242
5/27/2021 10:12 AM	0.013	2.361	2.275
5/27/2021 10:18 AM	0.068	2.564	2.258
5/27/2021 10:24 AM	0.121	2.647	2.243
5/27/2021 10:30 AM	0.129	2.641	2.249
5/27/2021 10:36 AM	0.254	2.7	2.222
5/27/2021 10:42 AM	0.263	2.888	2.225
5/27/2021 10:48 AM	0.254	3.052	2.246
5/27/2021 10:54 AM	0.275	3.091	2.251
5/27/2021 11:00 AM	0.303	2.969	2.229
5/27/2021 11:06 AM	0.302	2.933	2.197
5/27/2021 11:12 AM	0.285	2.988	2.228
5/27/2021 11:18 AM	0.278	3.095	2.245
5/27/2021 11:24 AM	0.293	3.146	2.265
5/27/2021 11:30 AM	0.256	3.063	2.288
5/27/2021 11:36 AM	0.217	2.948	2.264
5/27/2021 11:42 AM	1.865	2.775	2.266
5/27/2021 11:48 AM	2.885	2.673	2.258
5/27/2021 11:54 AM	2.077	2.643	2.045
5/27/2021 12:00 PM	1.859	2.554	1.962
5/27/2021 12:06 PM	2.294	2.357	2.417
5/27/2021 12:12 PM	1.947	2.355	2.407
5/27/2021 12:18 PM	0.632	2.435	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 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/27/2021 12:24 PM	0.236	2.59	2.448
5/27/2021 12:30 PM	0.191	2.775	2.459
5/27/2021 12:36 PM	0.222	2.942	2.443
5/27/2021 12:42 PM	0.278	2.927	2.425
5/27/2021 12:48 PM	0.301	2.82	2.413
5/27/2021 12:54 PM	0.304	2.625	2.392
5/27/2021 1:00 PM	0.322	2.325	2.396
5/27/2021 1:06 PM	0.342	2.089	2.42
5/27/2021 1:12 PM	0.364	1.93	2.445
5/27/2021 1:18 PM	0.375	2.004	2.425
5/27/2021 1:24 PM	0.388	2.246	2.429
5/27/2021 1:30 PM	0.399	2.362	2.444
5/27/2021 1:36 PM	0.377	2.455	2.446
5/27/2021 1:42 PM	0.338	2.527	2.423
5/27/2021 1:48 PM	0.358	2.508	2.409
5/27/2021 1:54 PM	0.371	2.412	2.458
5/27/2021 2:00 PM	0.349	2.309	2.438
5/27/2021 2:06 PM	0.325	2.205	2.408
5/27/2021 2:12 PM	0.302	2.205	2.373
5/27/2021 2:18 PM	0.327	2.297	2.377
5/27/2021 2:24 PM	0.375	2.512	2.395
5/27/2021 2:30 PM	0.409	2.867	2.378
5/27/2021 2:36 PM	0.414	3.035	2.365
5/27/2021 2:42 PM	0.41	3.234	2.345
5/27/2021 2:48 PM	0.425	3.408	2.364
5/27/2021 2:54 PM	0.477	3.518	2.365
5/27/2021 3:00 PM	0.523	3.589	2.319
5/27/2021 3:06 PM	0.543	3.499	2.305
5/27/2021 3:12 PM	0.544	3.256	2.341
5/27/2021 3:18 PM	0.537	3.088	2.345
5/27/2021 3:24 PM	0.503	2.933	2.354
5/27/2021 3:30 PM	0.495	2.716	2.347
5/27/2021 3:36 PM	0.492	2.547	2.319
5/27/2021 3:42 PM	0.473	2.409	2.316
5/27/2021 3:48 PM	0.468	2.371	2.317
5/27/2021 3:54 PM	0.472	2.472	2.324
5/27/2021 4:00 PM	0.471	2.493	2.295
5/27/2021 4:06 PM	0.483	2.556	2.331
5/27/2021 4:12 PM	0.467	2.709	2.345
5/27/2021 4:18 PM	0.455	2.974	2.355
5/27/2021 4:24 PM	0.448	3.06	2.36
5/27/2021 4:30 PM	0.432	3.097	2.348
5/27/2021 4:36 PM	0.455	3.175	2.375
5/27/2021 4:42 PM	0.456	3.17	2.398
5/27/2021 4:48 PM	0.462	3.146	2.343
5/27/2021 4:54 PM	0.463	3.094	2.335
5/27/2021 5:00 PM	0.482	3.115	2.343
5/27/2021 5:06 PM	0.507	3.336	2.359
5/27/2021 5:12 PM	0.514	3.494	2.389
5/27/2021 5:18 PM	0.509	3.485	2.412
5/27/2021 5:24 PM	0.499	3.446	2.438
5/27/2021 5:30 PM	0.474	3.414	2.427
5/27/2021 5:36 PM	0.445	3.517	2.389
5/27/2021 5:42 PM	0.454	3.596	2.38

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/27/2021 5:48 PM	0.503	3.625	2.345
5/27/2021 5:54 PM	0.505	3.738	2.315
5/27/2021 6:00 PM	0.503	4.029	2.346
5/27/2021 6:06 PM	0.505	4.347	2.358
5/27/2021 6:12 PM	0.519	4.398	2.36
5/27/2021 6:18 PM	0.533	4.337	2.392
5/27/2021 6:24 PM	0.522	4.362	2.435
5/27/2021 6:30 PM	0.525	4.327	2.379
5/27/2021 6:36 PM	0.536	4.25	2.372
5/27/2021 6:42 PM	0.543	4.229	2.45
5/27/2021 6:48 PM	0.53	4.248	2.446
5/27/2021 6:54 PM	0.515	4.224	2.519
5/27/2021 7:00 PM	0.536	4.255	2.55
5/27/2021 7:06 PM	0.566	4.324	2.479
5/27/2021 7:12 PM	0.561	4.321	2.498
5/27/2021 7:18 PM	0.546	4.246	2.537
5/27/2021 7:24 PM	0.539	4.149	2.553
5/27/2021 7:30 PM	0.552	4.088	2.527
5/27/2021 7:36 PM	0.539	4.01	2.498
5/27/2021 7:42 PM	0.506	3.934	2.488
5/27/2021 7:48 PM	0.491	3.896	2.467
5/27/2021 7:54 PM	0.497	3.842	2.461
5/27/2021 8:00 PM	0.491	3.801	2.456
5/27/2021 8:06 PM	0.5	3.751	2.449
5/27/2021 8:12 PM	0.495	3.687	2.47
5/27/2021 8:18 PM	0.48	3.639	2.477
5/27/2021 8:24 PM	0.474	3.634	2.476
5/27/2021 8:30 PM	0.474	3.644	2.482
5/27/2021 8:36 PM	0.479	3.622	2.559
5/27/2021 8:42 PM	0.465	3.6	2.655
5/27/2021 8:48 PM	0.48	3.529	2.623
5/27/2021 8:54 PM	0.491	3.456	2.53
5/27/2021 9:00 PM	0.464	3.42	2.497
5/27/2021 9:06 PM	0.462	3.377	2.512
5/27/2021 9:12 PM	0.469	3.381	2.548
5/27/2021 9:18 PM	0.465	3.357	2.468
5/27/2021 9:24 PM	0.445	3.369	2.474
5/27/2021 9:30 PM	0.429	3.425	2.492
5/27/2021 9:36 PM	0.453	3.473	2.495
5/27/2021 9:42 PM	0.463	3.445	2.474
5/27/2021 9:48 PM	0.445	3.438	2.506
5/27/2021 9:54 PM	0.464	3.436	2.561
5/27/2021 10:00 PM	0.452	3.431	2.585
5/27/2021 10:06 PM	0.444	3.392	2.571
5/27/2021 10:12 PM	0.441	3.357	2.601
5/27/2021 10:18 PM	0.441	3.307	2.602
5/27/2021 10:24 PM	0.444	3.291	2.558
5/27/2021 10:30 PM	0.431	3.235	2.578
5/27/2021 10:36 PM	0.435	3.181	2.599
5/27/2021 10:42 PM	0.446	3.18	2.621
5/27/2021 10:48 PM	0.434	3.161	2.623
5/27/2021 10:54 PM	0.422	3.153	2.612
5/27/2021 11:00 PM	0.42	3.152	2.617
5/27/2021 11:06 PM	0.401	3.143	2.615

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/27/2021 11:12 PM	0.37	3.199	2.623
5/27/2021 11:18 PM	0.358	3.221	2.632
5/27/2021 11:24 PM	0.368	3.191	2.609
5/27/2021 11:30 PM	0.348	3.19	2.613
5/27/2021 11:36 PM	0.343	3.193	2.591
5/27/2021 11:42 PM	0.351	3.148	2.573
5/27/2021 11:48 PM	0.349	3.111	2.555
5/27/2021 11:54 PM	0.366	3.064	2.496
5/28/2021 12:00 AM	0.369	3.009	2.503
5/28/2021 12:06 AM	0.352	2.985	2.558
5/28/2021 12:12 AM	0.347	3.003	2.531
5/28/2021 12:18 AM	0.349	3.026	2.504
5/28/2021 12:24 AM	0.296	3.088	2.534
5/28/2021 12:30 AM	0.253	3.161	2.505
5/28/2021 12:36 AM	0.271	3.202	2.457
5/28/2021 12:42 AM	0.295	3.242	1.875
5/28/2021 12:48 AM	0.304	3.235	0.631
5/28/2021 12:54 AM	0.281	3.251	0.119
5/28/2021 1:00 AM	0.233	3.318	0.134
5/28/2021 1:06 AM	0.193	3.366	0.166
5/28/2021 1:12 AM	0.212	3.366	0.18
5/28/2021 1:18 AM	0.228	3.324	0.188
5/28/2021 1:24 AM	0.199	3.369	0.165
5/28/2021 1:30 AM	0.162	3.421	0.189
5/28/2021 1:36 AM	0.142	3.468	0.19
5/28/2021 1:42 AM	0.135	3.454	0.202
5/28/2021 1:48 AM	0.144	3.433	0.188
5/28/2021 1:54 AM	0.126	3.427	0.18
5/28/2021 2:00 AM	0.124	3.413	0.177
5/28/2021 2:06 AM	0.128	3.384	0.173
5/28/2021 2:12 AM	0.117	3.358	0.19
5/28/2021 2:18 AM	0.113	3.303	0.19
5/28/2021 2:24 AM	0.108	3.254	0.178
5/28/2021 2:30 AM	0.117	3.212	0.187
5/28/2021 2:36 AM	0.129	3.144	0.188
5/28/2021 2:42 AM	0.127	3.115	0.184
5/28/2021 2:48 AM	0.121	3.124	0.196
5/28/2021 2:54 AM	0.114	3.094	0.187
5/28/2021 3:00 AM	0.109	3.08	0.188
5/28/2021 3:06 AM	0.108	3.088	0.213
5/28/2021 3:12 AM	0.11	3.078	0.216
5/28/2021 3:18 AM	0.111	3.091	0.216
5/28/2021 3:24 AM	0.114	3.085	0.215
5/28/2021 3:30 AM	0.121	3.087	0.215
5/28/2021 3:36 AM	0.103	3.103	0.201
5/28/2021 3:42 AM	0.094	3.098	0.201
5/28/2021 3:48 AM	0.087	3.102	0.204
5/28/2021 3:54 AM	0.086	3.109	0.199
5/28/2021 4:00 AM	0.091	3.138	0.191
5/28/2021 4:06 AM	0.09	3.188	0.198
5/28/2021 4:12 AM	0.081	3.261	0.208
5/28/2021 4:18 AM	0.081	3.325	0.187
5/28/2021 4:24 AM	0.08	3.354	0.197
5/28/2021 4:30 AM	0.08	3.368	0.206

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/28/2021 4:36 AM	0.077	3.365	0.197
5/28/2021 4:42 AM	0.069	3.349	0.192
5/28/2021 4:48 AM	0.074	3.412	0.195
5/28/2021 4:54 AM	0.053	3.538	0.204
5/28/2021 5:00 AM	0.04	3.676	0.2
5/28/2021 5:06 AM	0.052	3.771	0.215
5/28/2021 5:12 AM	0.026	4.161	0.216
5/28/2021 5:18 AM	-0.004	4.708	0.217
5/28/2021 5:24 AM	-0.014	5.031	0.213
5/28/2021 5:30 AM	-0.003	5.152	0.203
5/28/2021 5:36 AM	0.019	5.265	0.209
5/28/2021 5:42 AM	0.021	5.343	0.212
5/28/2021 5:48 AM	0.031	5.385	0.205
5/28/2021 5:54 AM	0.045	5.446	0.199
5/28/2021 6:00 AM	0.038	4.98	0.182
5/28/2021 6:06 AM	0.025	4.53	0.176
5/28/2021 6:12 AM	0.028	4.246	0.17
5/28/2021 6:18 AM	0.022	4.04	0.188
5/28/2021 6:24 AM	0.015	3.814	0.197
5/28/2021 6:30 AM	0.006	3.371	0.2
5/28/2021 6:36 AM	0.017	3.471	0.19
5/28/2021 6:42 AM	0.029	3.806	0.185
5/28/2021 6:48 AM	0.007	4.308	0.199
5/28/2021 6:54 AM	-0.011	4.301	0.188
5/28/2021 7:00 AM	0.009	4.034	0.175
5/28/2021 7:06 AM	0.014	4.439	0.164
5/28/2021 7:12 AM	0.077	4.64	0.162
5/28/2021 7:18 AM	5.453	4.675	0.171
5/28/2021 7:24 AM	8.27	4.913	0.165
5/28/2021 7:30 AM	4.347	4.746	0.159
5/28/2021 7:36 AM	3.883	4.335	0.155
5/28/2021 7:42 AM	3.137	3.853	0.161
5/28/2021 7:48 AM	1.781	3.256	0.159
5/28/2021 7:54 AM	1.599	2.701	0.164
5/28/2021 8:00 AM	1.641	2.491	0.179
5/28/2021 8:06 AM	1.7	2.743	0.174
5/28/2021 8:12 AM	1.653	2.998	0.169
5/28/2021 8:18 AM	1.606	3.191	0.166
5/28/2021 8:24 AM	1.601	3.491	0.154
5/28/2021 8:30 AM	1.474	3.685	0.147
5/28/2021 8:36 AM	1.225	3.707	0.156
5/28/2021 8:42 AM	0.991	3.558	0.152
5/28/2021 8:48 AM	0.945	3.546	0.155
5/28/2021 8:54 AM	1.191	3.581	0.154
5/28/2021 9:00 AM	1.327	3.444	0.148
5/28/2021 9:06 AM	1.394	3.221	0.147
5/28/2021 9:12 AM	1.522	2.968	0.146
5/28/2021 9:18 AM	1.485	2.746	0.147
5/28/2021 9:24 AM	1.231	2.513	0.144
5/28/2021 9:30 AM	1.002	2.373	0.137
5/28/2021 9:36 AM	0.796	2.316	0.148
5/28/2021 9:42 AM	0.597	2.304	0.165
5/28/2021 9:48 AM	0.41	2.305	5.018
5/28/2021 9:54 AM	0.357	2.366	5.345

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/28/2021 10:00 AM	0.346	2.383	0.454
5/28/2021 10:06 AM	0.348	2.343	0.185
5/28/2021 10:12 AM	0.365	2.425	0.139
5/28/2021 10:18 AM	0.384	2.566	0.141
5/28/2021 10:24 AM	0.417	2.64	0.158
5/28/2021 10:30 AM	0.392	2.668	0.162
5/28/2021 10:36 AM	0.376	2.671	0.152
5/28/2021 10:42 AM	0.419	2.642	0.146
5/28/2021 10:48 AM	0.529	2.625	0.155
5/28/2021 10:54 AM	0.538	2.53	0.167
5/28/2021 11:00 AM	0.531	2.352	0.182
5/28/2021 11:06 AM	0.56	2.243	0.188
5/28/2021 11:12 AM	0.59	2.218	0.19
5/28/2021 11:18 AM	0.599	2.177	0.194
5/28/2021 11:24 AM	0.572	2.17	0.209
5/28/2021 11:30 AM	0.574	2.153	0.203
5/28/2021 11:36 AM	0.616	2.155	0.192
5/28/2021 11:42 AM	0.652	2.19	0.198
5/28/2021 11:48 AM	0.681	2.176	0.208
5/28/2021 11:54 AM	0.734	2.215	0.216
5/28/2021 12:00 PM	0.806	2.369	0.216
5/28/2021 12:06 PM	0.942	2.732	0.228
5/28/2021 12:12 PM	0.945	2.773	0.235
5/28/2021 12:18 PM	0.923	2.836	0.234
5/28/2021 12:24 PM	0.938	2.89	0.227
5/28/2021 12:30 PM	0.975	2.981	0.238
5/28/2021 12:36 PM	0.947	3.135	0.246
5/28/2021 12:42 PM	0.905	3.281	0.244
5/28/2021 12:48 PM	0.872	3.33	0.248
5/28/2021 12:54 PM	0.869	3.363	0.257
5/28/2021 1:00 PM	0.91	3.411	0.259
5/28/2021 1:06 PM	0.962	3.465	0.267
5/28/2021 1:12 PM	0.972	3.407	0.27
5/28/2021 1:18 PM	0.986	3.322	0.271
5/28/2021 1:24 PM	1.015	3.313	0.274
5/28/2021 1:30 PM	1.013	3.306	0.273
5/28/2021 1:36 PM	0.979	3.29	0.274
5/28/2021 1:42 PM	0.969	3.293	0.284
5/28/2021 1:48 PM	0.954	3.347	0.294
5/28/2021 1:54 PM	0.942	3.363	0.31
5/28/2021 2:00 PM	0.989	3.371	0.317
5/28/2021 2:06 PM	0.991	3.374	0.314
5/28/2021 2:12 PM	0.977	3.4	0.324
5/28/2021 2:18 PM	0.947	3.407	0.321
5/28/2021 2:24 PM	0.922	3.375	0.327
5/28/2021 2:30 PM	0.912	3.33	0.33
5/28/2021 2:36 PM	0.904	3.281	0.334
5/28/2021 2:42 PM	0.892	3.278	0.332
5/28/2021 2:48 PM	0.855	3.257	0.328
5/28/2021 2:54 PM	0.804	3.241	0.338
5/28/2021 3:00 PM	0.829	3.217	0.344
5/28/2021 3:06 PM	0.975	3.111	0.35
5/28/2021 3:12 PM	1.087	2.937	0.368
5/28/2021 3:18 PM	1.098	2.75	0.386

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/28/2021 3:24 PM	1.092	2.665	0.388
5/28/2021 3:30 PM	1.063	2.693	0.389
5/28/2021 3:36 PM	0.998	2.74	0.399
5/28/2021 3:42 PM	0.956	2.803	0.4
5/28/2021 3:48 PM	0.924	2.923	0.405
5/28/2021 3:54 PM	0.855	3.004	0.401
5/28/2021 4:00 PM	0.793	2.985	0.407
5/28/2021 4:06 PM	0.822	2.75	0.419
5/28/2021 4:12 PM	0.868	2.579	0.425
5/28/2021 4:18 PM	0.857	2.563	0.446
5/28/2021 4:24 PM	0.866	2.576	0.462
5/28/2021 4:30 PM	0.878	2.702	0.471
5/28/2021 4:36 PM	0.882	2.861	0.485
5/28/2021 4:42 PM	0.895	2.94	0.492
5/28/2021 4:48 PM	0.942	3.022	0.492
5/28/2021 4:54 PM	0.985	3.129	0.497
5/28/2021 5:00 PM	0.982	3.26	0.507
5/28/2021 5:06 PM	0.94	3.439	0.511
5/28/2021 5:12 PM	0.879	3.595	0.516
5/28/2021 5:18 PM	0.795	3.73	0.525
5/28/2021 5:24 PM	0.77	3.846	0.531
5/28/2021 5:30 PM	0.793	3.931	0.533
5/28/2021 5:36 PM	1.151	4.07	0.537
5/28/2021 5:42 PM	1.262	4.204	0.538
5/28/2021 5:48 PM	1.14	4.284	0.539
5/28/2021 5:54 PM	1.697	4.369	0.544
5/28/2021 6:00 PM	1.662	4.445	2.715
5/28/2021 6:06 PM	0.932	4.519	9.249
5/28/2021 6:12 PM	0.391	4.578	7.961
5/28/2021 6:18 PM	0.202	4.618	3.699
5/28/2021 6:24 PM	0.228	4.619	2.852
5/28/2021 6:30 PM	0.13	4.626	2.552
5/28/2021 6:36 PM	0.131	4.634	2.694
5/28/2021 6:42 PM	0.333	4.619	2.883
5/28/2021 6:48 PM	0.454	4.566	2.865
5/28/2021 6:54 PM	0.469	4.551	2.805
5/28/2021 7:00 PM	0.271	4.579	2.78
5/28/2021 7:06 PM	0.1	4.595	2.828
5/28/2021 7:12 PM	0.093	4.606	2.935
5/28/2021 7:18 PM	0.287	4.608	3.15
5/28/2021 7:24 PM	0.738	4.494	3.229
5/28/2021 7:30 PM	0.881	4.353	3.508
5/28/2021 7:36 PM	0.833	4.227	3.767
5/28/2021 7:42 PM	0.77	4.114	3.216
5/28/2021 7:48 PM	0.672	3.989	2.875
5/28/2021 7:54 PM	0.695	3.864	2.883
5/28/2021 8:00 PM	0.714	3.699	2.872
5/28/2021 8:06 PM	0.701	3.539	2.903
5/28/2021 8:12 PM	0.622	3.452	2.756
5/28/2021 8:18 PM	0.556	3.457	2.539
5/28/2021 8:24 PM	0.655	3.619	2.581
5/28/2021 8:30 PM	0.945	3.922	2.764
5/28/2021 8:36 PM	0.902	3.999	2.844
5/28/2021 8:42 PM	0.838	3.997	2.866

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/28/2021 8:48 PM	0.668	4.032	2.65
5/28/2021 8:54 PM	1.382	4.054	2.36
5/28/2021 9:00 PM	2.902	4.088	2.386
5/28/2021 9:06 PM	1.861	4.135	2.564
5/28/2021 9:12 PM	0.832	4.162	2.639
5/28/2021 9:18 PM	1.128	4.209	2.671
5/28/2021 9:24 PM	1.554	4.25	2.593
5/28/2021 9:30 PM	1.554	4.319	2.487
5/28/2021 9:36 PM	1.336	4.336	2.535
5/28/2021 9:42 PM	1.328	4.352	2.586
5/28/2021 9:48 PM	1.34	4.452	2.576
5/28/2021 9:54 PM	1.233	4.529	2.639
5/28/2021 10:00 PM	1.17	4.592	2.682
5/28/2021 10:06 PM	1.134	4.734	2.704
5/28/2021 10:12 PM	1.079	4.859	2.676
5/28/2021 10:18 PM	0.966	4.901	2.5
5/28/2021 10:24 PM	0.934	4.921	2.498
5/28/2021 10:30 PM	1.023	5.027	2.578
5/28/2021 10:36 PM	1.032	5.071	2.495
5/28/2021 10:42 PM	0.936	5.033	2.381
5/28/2021 10:48 PM	0.916	5.061	2.423
5/28/2021 10:54 PM	0.917	5.065	2.422
5/28/2021 11:00 PM	0.841	4.94	2.442
5/28/2021 11:06 PM	0.797	4.81	2.439
5/28/2021 11:12 PM	0.812	4.777	2.412
5/28/2021 11:18 PM	0.838	4.687	2.443
5/28/2021 11:24 PM	0.752	4.589	2.432
5/28/2021 11:30 PM	0.51	4.521	2.43
5/28/2021 11:36 PM	0.365	4.24	2.464
5/28/2021 11:42 PM	0.328	4.01	2.458
5/28/2021 11:48 PM	0.271	3.939	2.53
5/28/2021 11:54 PM	0.408	3.885	2.545
5/29/2021 12:00 AM	0.515	3.942	2.481
5/29/2021 12:06 AM	0.555	3.982	2.464
5/29/2021 12:12 AM	0.529	3.994	2.511
5/29/2021 12:18 AM	0.528	4.051	2.585
5/29/2021 12:24 AM	0.539	4.138	2.552
5/29/2021 12:30 AM	0.573	4.202	2.492
5/29/2021 12:36 AM	0.559	4.176	2.504
5/29/2021 12:42 AM	0.506	4.147	2.461
5/29/2021 12:48 AM	0.485	4.147	2.446
5/29/2021 12:54 AM	0.468	4.068	2.411
5/29/2021 1:00 AM	0.433	4.007	2.394
5/29/2021 1:06 AM	0.45	4.052	2.401
5/29/2021 1:12 AM	0.424	4.098	2.42
5/29/2021 1:18 AM	0.396	4.16	2.394
5/29/2021 1:24 AM	0.38	4.18	2.355
5/29/2021 1:30 AM	0.365	4.212	2.357
5/29/2021 1:36 AM	0.34	4.322	2.354
5/29/2021 1:42 AM	0.349	4.412	2.367
5/29/2021 1:48 AM	0.343	4.433	2.371
5/29/2021 1:54 AM	0.292	4.41	2.325
5/29/2021 2:00 AM	0.291	4.408	2.314
5/29/2021 2:06 AM	0.249	4.413	2.328

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021 0:00
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/29/2021 2:12 AM	0.2	4.439	2.336
5/29/2021 2:18 AM	0.202	4.494	2.363
5/29/2021 2:24 AM	0.293	4.549	2.387
5/29/2021 2:30 AM	0.406	4.623	2.39
5/29/2021 2:36 AM	0.449	4.654	2.385
5/29/2021 2:42 AM	0.366	4.65	2.413
5/29/2021 2:48 AM	0.264	4.659	2.419
5/29/2021 2:54 AM	0.118	4.674	2.428
5/29/2021 3:00 AM	0.091	4.677	2.436
5/29/2021 3:06 AM	0.086	4.659	2.405
5/29/2021 3:12 AM	0.106	4.646	2.42
5/29/2021 3:18 AM	0.177	4.668	2.486
5/29/2021 3:24 AM	0.209	4.677	2.439
5/29/2021 3:30 AM	0.209	4.666	2.367
5/29/2021 3:36 AM	0.223	4.662	2.405
5/29/2021 3:42 AM	0.252	4.638	2.456
5/29/2021 3:48 AM	0.256	4.61	2.415
5/29/2021 3:54 AM	0.211	4.581	2.388
5/29/2021 4:00 AM	0.21	4.497	2.39
5/29/2021 4:06 AM	0.224	4.45	2.406
5/29/2021 4:12 AM	0.203	4.436	2.425
5/29/2021 4:18 AM	0.205	4.436	2.462
5/29/2021 4:24 AM	0.241	4.473	2.428
5/29/2021 4:30 AM	0.262	4.505	2.408
5/29/2021 4:36 AM	0.25	4.529	2.419
5/29/2021 4:42 AM	0.232	4.554	2.394
5/29/2021 4:48 AM	0.214	4.56	2.41
5/29/2021 4:54 AM	0.202	4.507	2.475
5/29/2021 5:00 AM	0.182	4.418	2.504
5/29/2021 5:06 AM	0.174	4.345	2.501
5/29/2021 5:12 AM	0.192	4.264	2.501
5/29/2021 5:18 AM	0.201	4.151	2.485
5/29/2021 5:24 AM	0.177	4.053	2.482
5/29/2021 5:30 AM	0.153	4.007	2.486
5/29/2021 5:36 AM	0.132	3.962	2.528
5/29/2021 5:42 AM	0.142	3.936	2.507
5/29/2021 5:48 AM	0.152	3.923	2.495
5/29/2021 5:54 AM	0.119	3.981	2.528
5/29/2021 6:00 AM	0.087	4.104	2.442
5/29/2021 6:06 AM	0.098	4.215	2.319
5/29/2021 6:12 AM	0.195	4.286	2.313
5/29/2021 6:18 AM	0.242	4.298	2.306
5/29/2021 6:24 AM	0.236	4.298	2.655
5/29/2021 6:30 AM	0.312	4.279	3.224
5/29/2021 6:36 AM	0.298	4.152	3.324
5/29/2021 6:42 AM	0.199	3.876	3.252
5/29/2021 6:48 AM	0.155	3.719	3.216
5/29/2021 6:54 AM	0.146	3.777	3.22
5/29/2021 7:00 AM	0.073	3.966	3.414
5/29/2021 7:06 AM	0.018	4.143	3.468
5/29/2021 7:12 AM	0.133	4.294	3.518
5/29/2021 7:18 AM	0.288	4.41	3.608
5/29/2021 7:24 AM	0.37	4.518	3.474
5/29/2021 7:30 AM	0.393	4.597	3.396

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
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23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/29/2021 7:36 AM	0.465	4.62	3.318
5/29/2021 7:42 AM	0.539	4.653	3.379
5/29/2021 7:48 AM	0.586	4.693	3.454
5/29/2021 7:54 AM	0.604	4.721	3.43
5/29/2021 8:00 AM	0.627	4.681	3.39
5/29/2021 8:06 AM	0.658	4.604	3.294
5/29/2021 8:12 AM	0.649	4.5	3.262
5/29/2021 8:18 AM	0.594	4.41	3.349
5/29/2021 8:24 AM	0.558	4.36	3.4
5/29/2021 8:30 AM	0.584	4.338	3.508
5/29/2021 8:36 AM	0.89	4.278	3.442
5/29/2021 8:42 AM	0.732	4.279	3.42
5/29/2021 8:48 AM	0.453	4.314	3.431
5/29/2021 8:54 AM	0.478	4.309	3.298
5/29/2021 9:00 AM	0.5	4.335	3.365
5/29/2021 9:06 AM	0.515	4.365	3.378
5/29/2021 9:12 AM	0.489	4.334	3.253
5/29/2021 9:18 AM	0.493	4.259	3.272
5/29/2021 9:24 AM	0.903	4.184	3.433
5/29/2021 9:30 AM	0.951	4.143	3.467
5/29/2021 9:36 AM	0.702	4.125	3.47
5/29/2021 9:42 AM	0.681	4.126	3.43
5/29/2021 9:48 AM	0.769	4.147	3.398
5/29/2021 9:54 AM	0.735	4.237	3.441
5/29/2021 10:00 AM	0.599	4.337	3.338
5/29/2021 10:06 AM	0.524	4.392	3.206
5/29/2021 10:12 AM	0.539	4.447	3.112
5/29/2021 10:18 AM	0.593	4.503	3.153
5/29/2021 10:24 AM	0.617	4.561	3.103
5/29/2021 10:30 AM	0.533	4.597	3.044
5/29/2021 10:36 AM	0.502	4.591	3.098
5/29/2021 10:42 AM	0.5	4.587	3.131
5/29/2021 10:48 AM	0.511	4.584	3.04
5/29/2021 10:54 AM	0.478	4.518	2.935
5/29/2021 11:00 AM	0.52	4.378	2.951
5/29/2021 11:06 AM	0.597	4.244	3.04
5/29/2021 11:12 AM	0.641	4.142	2.996
5/29/2021 11:18 AM	0.608	4.043	2.957
5/29/2021 11:24 AM	0.587	3.975	2.981
5/29/2021 11:30 AM	0.558	3.978	3.046
5/29/2021 11:36 AM	0.527	4.043	3.075
5/29/2021 11:42 AM	0.506	4.139	3.074
5/29/2021 11:48 AM	0.414	4.203	3.145
5/29/2021 11:54 AM	0.305	4.239	3.099
5/29/2021 12:00 PM	0.327	4.13	3.015
5/29/2021 12:06 PM	0.276	3.71	2.95
5/29/2021 12:12 PM	0.008	3.723	2.944
5/29/2021 12:18 PM	-0.033	3.748	2.974
5/29/2021 12:24 PM	0.095	3.732	2.897
5/29/2021 12:30 PM	-0.045	3.681	2.874
5/29/2021 12:36 PM	-0.433	3.602	2.884
5/29/2021 12:42 PM	-0.624	3.521	2.818
5/29/2021 12:48 PM	-0.66	3.288	2.844
5/29/2021 12:54 PM	-0.685	2.909	2.882

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021 0:00
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/29/2021 1:00 PM	-0.627	2.579	2.968
5/29/2021 1:06 PM	-0.555	2.42	2.989
5/29/2021 1:12 PM	-0.519	2.445	2.931
5/29/2021 1:18 PM	-0.496	2.543	2.921
5/29/2021 1:24 PM	-0.478	2.699	2.955
5/29/2021 1:30 PM	-0.431	2.847	2.997
5/29/2021 1:36 PM	-0.423	2.933	3.1
5/29/2021 1:42 PM	-0.424	3.051	3.041
5/29/2021 1:48 PM	-0.366	3.169	3
5/29/2021 1:54 PM	-0.265	3.319	3.011
5/29/2021 2:00 PM	-0.241	3.441	2.934
5/29/2021 2:06 PM	-0.293	3.478	2.989
5/29/2021 2:12 PM	-0.308	3.491	3.084
5/29/2021 2:18 PM	-0.282	3.488	3.168
5/29/2021 2:24 PM	-0.272	3.485	3.251
5/29/2021 2:30 PM	-0.247	3.509	3.236
5/29/2021 2:36 PM	-0.286	3.508	3.187
5/29/2021 2:42 PM	-0.305	3.511	3.082
5/29/2021 2:48 PM	-0.26	3.499	3.003
5/29/2021 2:54 PM	-0.179	3.483	2.981
5/29/2021 3:00 PM	-0.134	3.455	2.742
5/29/2021 3:06 PM	-0.132	3.437	2.409
5/29/2021 3:12 PM	-0.162	3.399	2.317
5/29/2021 3:18 PM	-0.159	3.342	2.305
5/29/2021 3:24 PM	-0.114	3.315	2.371
5/29/2021 3:30 PM	-0.145	3.301	2.41
5/29/2021 3:36 PM	-0.133	3.348	2.39
5/29/2021 3:42 PM	-0.089	3.437	2.429
5/29/2021 3:48 PM	-0.05	3.505	2.484
5/29/2021 3:54 PM	-0.053	3.42	2.469
5/29/2021 4:00 PM	-0.066	3.291	2.483
5/29/2021 4:06 PM	-0.053	3.269	2.524
5/29/2021 4:12 PM	-0.02	3.345	2.534
5/29/2021 4:18 PM	-0.001	3.433	2.529
5/29/2021 4:24 PM	0.036	3.517	2.405
5/29/2021 4:30 PM	0.045	3.563	2.164
5/29/2021 4:36 PM	0.069	3.578	2.222
5/29/2021 4:42 PM	0.029	3.589	2.237
5/29/2021 4:48 PM	0.018	3.587	2.252
5/29/2021 4:54 PM	0.034	3.57	2.278
5/29/2021 5:00 PM	0.042	3.572	2.275
5/29/2021 5:06 PM	0.026	3.609	2.284
5/29/2021 5:12 PM	-0.012	3.686	2.256
5/29/2021 5:18 PM	-0.005	3.836	2.228
5/29/2021 5:24 PM	0.005	4.041	2.239
5/29/2021 5:30 PM	0.007	4.207	2.287
5/29/2021 5:36 PM	0.062	4.296	2.335
5/29/2021 5:42 PM	0.101	4.329	2.333
5/29/2021 5:48 PM	0.109	4.33	2.3
5/29/2021 5:54 PM	0.124	4.293	2.305
5/29/2021 6:00 PM	0.124	4.171	2.65
5/29/2021 6:06 PM	0.13	4.08	3.058
5/29/2021 6:12 PM	0.117	4.061	2.966
5/29/2021 6:18 PM	0.096	4.042	2.974

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/29/2021 6:24 PM	0.09	4.025	3.051
5/29/2021 6:30 PM	0.076	3.996	3.149
5/29/2021 6:36 PM	0.091	3.943	3.318
5/29/2021 6:42 PM	0.147	3.888	3.464
5/29/2021 6:48 PM	0.114	3.877	3.436
5/29/2021 6:54 PM	0.1	3.898	3.439
5/29/2021 7:00 PM	0.151	3.922	3.457
5/29/2021 7:06 PM	0.153	3.932	3.304
5/29/2021 7:12 PM	0.161	3.872	2.997
5/29/2021 7:18 PM	0.152	3.827	2.769
5/29/2021 7:24 PM	0.153	3.819	2.485
5/29/2021 7:30 PM	0.16	3.794	2.43
5/29/2021 7:36 PM	0.132	3.752	2.462
5/29/2021 7:42 PM	0.135	3.725	2.446
5/29/2021 7:48 PM	0.186	3.703	2.421
5/29/2021 7:54 PM	0.19	3.688	2.419
5/29/2021 8:00 PM	0.116	3.689	2.388
5/29/2021 8:06 PM	0.15	3.688	2.369
5/29/2021 8:12 PM	0.178	3.658	2.376
5/29/2021 8:18 PM	0.162	3.623	2.392
5/29/2021 8:24 PM	0.17	3.589	2.396
5/29/2021 8:30 PM	0.189	3.538	2.375
5/29/2021 8:36 PM	0.223	3.491	2.232
5/29/2021 8:42 PM	0.225	3.45	2.134
5/29/2021 8:48 PM	0.204	3.417	2.139
5/29/2021 8:54 PM	0.203	3.397	2.164
5/29/2021 9:00 PM	0.184	3.378	2.153
5/29/2021 9:06 PM	0.157	3.365	2.15
5/29/2021 9:12 PM	0.173	3.346	2.17
5/29/2021 9:18 PM	0.189	3.351	2.205
5/29/2021 9:24 PM	0.158	3.361	2.27
5/29/2021 9:30 PM	0.183	3.377	2.237
5/29/2021 9:36 PM	0.17	3.406	2.181
5/29/2021 9:42 PM	0.194	3.437	2.182
5/29/2021 9:48 PM	0.2	3.438	2.213
5/29/2021 9:54 PM	0.187	3.427	2.247
5/29/2021 10:00 PM	0.187	3.419	2.241
5/29/2021 10:06 PM	0.182	3.434	2.189
5/29/2021 10:12 PM	0.166	3.47	2.187
5/29/2021 10:18 PM	0.162	3.503	2.128
5/29/2021 10:24 PM	0.162	3.546	1.991
5/29/2021 10:30 PM	0.181	3.578	1.955
5/29/2021 10:36 PM	0.204	3.593	1.972
5/29/2021 10:42 PM	0.218	3.591	1.984
5/29/2021 10:48 PM	0.198	3.576	1.958
5/29/2021 10:54 PM	0.192	3.565	1.953
5/29/2021 11:00 PM	0.206	3.542	1.969
5/29/2021 11:06 PM	0.21	3.524	1.962
5/29/2021 11:12 PM	0.189	3.466	1.959
5/29/2021 11:18 PM	0.181	3.292	1.966
5/29/2021 11:24 PM	0.188	3.175	1.971
5/29/2021 11:30 PM	0.179	3.139	1.997
5/29/2021 11:36 PM	0.2	3.176	1.992
5/29/2021 11:42 PM	0.191	3.218	2.008

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/29/2021 11:48 PM	0.197	3.262	1.995
5/29/2021 11:54 PM	0.183	3.284	1.982
5/30/2021 12:00 AM	0.182	3.305	1.994
5/30/2021 12:06 AM	0.221	3.323	2.011
5/30/2021 12:12 AM	0.202	3.342	1.982
5/30/2021 12:18 AM	0.17	3.364	1.968
5/30/2021 12:24 AM	0.181	3.384	1.991
5/30/2021 12:30 AM	0.219	3.397	1.971
5/30/2021 12:36 AM	0.235	3.423	1.943
5/30/2021 12:42 AM	0.202	3.438	1.978
5/30/2021 12:48 AM	0.187	3.44	2.02
5/30/2021 12:54 AM	0.188	3.45	1.982
5/30/2021 1:00 AM	0.176	3.481	1.916
5/30/2021 1:06 AM	0.187	3.519	1.912
5/30/2021 1:12 AM	0.2	3.548	1.909
5/30/2021 1:18 AM	0.182	3.577	1.91
5/30/2021 1:24 AM	0.156	3.623	1.945
5/30/2021 1:30 AM	0.184	3.658	1.954
5/30/2021 1:36 AM	0.192	3.669	1.935
5/30/2021 1:42 AM	0.181	3.662	1.962
5/30/2021 1:48 AM	0.189	3.683	2.024
5/30/2021 1:54 AM	0.201	3.702	2.032
5/30/2021 2:00 AM	0.206	3.681	1.987
5/30/2021 2:06 AM	0.215	3.662	1.97
5/30/2021 2:12 AM	0.234	3.684	1.961
5/30/2021 2:18 AM	0.209	3.698	1.986
5/30/2021 2:24 AM	0.155	3.691	2
5/30/2021 2:30 AM	0.185	3.685	1.968
5/30/2021 2:36 AM	0.195	3.697	1.994
5/30/2021 2:42 AM	0.168	3.728	2.026
5/30/2021 2:48 AM	0.168	3.738	2.01
5/30/2021 2:54 AM	0.184	3.758	2.026
5/30/2021 3:00 AM	0.178	3.785	2.036
5/30/2021 3:06 AM	0.186	3.823	2
5/30/2021 3:12 AM	0.177	3.879	2.017
5/30/2021 3:18 AM	0.146	3.917	2.053
5/30/2021 3:24 AM	0.152	3.938	2.05
5/30/2021 3:30 AM	0.165	3.947	2.032
5/30/2021 3:36 AM	0.166	3.963	2.031
5/30/2021 3:42 AM	0.172	3.977	2.006
5/30/2021 3:48 AM	0.193	3.968	2.01
5/30/2021 3:54 AM	0.181	3.845	2.006
5/30/2021 4:00 AM	0.173	3.583	1.995
5/30/2021 4:06 AM	0.165	3.385	2.396
5/30/2021 4:12 AM	0.159	3.29	2.668
5/30/2021 4:18 AM	0.193	3.275	2.469
5/30/2021 4:24 AM	0.258	3.313	2.373
5/30/2021 4:30 AM	0.283	3.351	2.251
5/30/2021 4:36 AM	0.252	3.381	2.241
5/30/2021 4:42 AM	0.252	3.395	2.292
5/30/2021 4:48 AM	0.247	3.361	2.3
5/30/2021 4:54 AM	0.234	3.333	2.26
5/30/2021 5:00 AM	0.232	3.318	2.249
5/30/2021 5:06 AM	0.219	3.314	2.281

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/30/2021 5:12 AM	0.238	3.311	2.294
5/30/2021 5:18 AM	0.27	3.308	2.33
5/30/2021 5:24 AM	0.258	3.313	2.331
5/30/2021 5:30 AM	0.229	3.349	2.332
5/30/2021 5:36 AM	0.259	3.391	2.356
5/30/2021 5:42 AM	0.269	3.421	2.355
5/30/2021 5:48 AM	0.308	3.451	2.388
5/30/2021 5:54 AM	0.285	3.454	2.371
5/30/2021 6:00 AM	0.265	3.445	2.343
5/30/2021 6:06 AM	0.285	3.46	2.357
5/30/2021 6:12 AM	0.294	3.475	2.378
5/30/2021 6:18 AM	0.295	3.485	2.377
5/30/2021 6:24 AM	0.269	3.503	2.366
5/30/2021 6:30 AM	0.256	3.541	2.375
5/30/2021 6:36 AM	0.271	3.588	2.371
5/30/2021 6:42 AM	0.299	3.626	2.354
5/30/2021 6:48 AM	0.302	3.668	2.336
5/30/2021 6:54 AM	0.321	3.707	2.762
5/30/2021 7:00 AM	0.335	3.749	3.118
5/30/2021 7:06 AM	0.341	3.775	3.132
5/30/2021 7:12 AM	0.355	3.779	3.213
5/30/2021 7:18 AM	0.327	3.77	3.266
5/30/2021 7:24 AM	0.301	3.764	3.215
5/30/2021 7:30 AM	0.292	3.746	3.148
5/30/2021 7:36 AM	0.314	3.749	3.163
5/30/2021 7:42 AM	3.864	3.772	3.194
5/30/2021 7:48 AM	5.249	3.772	3.166
5/30/2021 7:54 AM	2.607	3.764	3.082
5/30/2021 8:00 AM	2.272	3.723	3.08
5/30/2021 8:06 AM	2.157	3.675	3.103
5/30/2021 8:12 AM	1.755	3.634	3.093
5/30/2021 8:18 AM	0.976	3.604	3.048
5/30/2021 8:24 AM	0.885	3.577	3.006
5/30/2021 8:30 AM	1.039	3.545	3.05
5/30/2021 8:36 AM	1.165	3.53	3.108
5/30/2021 8:42 AM	1.255	3.53	3.107
5/30/2021 8:48 AM	1.341	3.547	3.029
5/30/2021 8:54 AM	1.275	3.537	2.949
5/30/2021 9:00 AM	1.004	3.521	2.91
5/30/2021 9:06 AM	0.692	3.535	2.945
5/30/2021 9:12 AM	0.531	3.552	2.972
5/30/2021 9:18 AM	0.408	3.535	2.534
5/30/2021 9:24 AM	0.364	3.54	2.389
5/30/2021 9:30 AM	0.359	3.588	2.431
5/30/2021 9:36 AM	0.421	3.652	2.171
5/30/2021 9:42 AM	0.542	3.714	2.172
5/30/2021 9:48 AM	0.681	3.767	2.27
5/30/2021 9:54 AM	0.779	3.81	2.29
5/30/2021 10:00 AM	0.835	3.828	2.318
5/30/2021 10:06 AM	0.869	3.812	2.286
5/30/2021 10:12 AM	0.877	3.781	2.277
5/30/2021 10:18 AM	0.897	3.747	2.302
5/30/2021 10:24 AM	0.914	3.735	2.233
5/30/2021 10:30 AM	0.889	3.704	2.134

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/30/2021 10:36 AM	0.832	3.693	2.193
5/30/2021 10:42 AM	0.601	3.704	2.405
5/30/2021 10:48 AM	0.457	3.716	2.542
5/30/2021 10:54 AM	0.614	3.697	2.484
5/30/2021 11:00 AM	0.759	3.696	2.472
5/30/2021 11:06 AM	0.874	3.705	2.477
5/30/2021 11:12 AM	0.935	3.716	2.478
5/30/2021 11:18 AM	0.956	3.745	2.475
5/30/2021 11:24 AM	0.976	3.809	2.467
5/30/2021 11:30 AM	0.978	3.858	2.476
5/30/2021 11:36 AM	0.957	3.871	2.499
5/30/2021 11:42 AM	0.943	3.892	2.459
5/30/2021 11:48 AM	0.931	3.932	2.427
5/30/2021 11:54 AM	0.902	3.962	2.424
5/30/2021 12:00 PM	0.77	3.942	2.382
5/30/2021 12:06 PM	0.395	3.853	2.373
5/30/2021 12:12 PM	0.432	3.805	2.378
5/30/2021 12:18 PM	0.416	3.746	2.369
5/30/2021 12:24 PM	0.39	3.72	2.379
5/30/2021 12:30 PM	0.408	3.747	2.42
5/30/2021 12:36 PM	0.364	3.794	2.413
5/30/2021 12:42 PM	0.349	3.8	2.433
5/30/2021 12:48 PM	0.393	3.811	2.444
5/30/2021 12:54 PM	0.633	3.818	2.734
5/30/2021 1:00 PM	0.778	3.814	2.892
5/30/2021 1:06 PM	0.421	3.763	2.825
5/30/2021 1:12 PM	0.366	3.706	2.749
5/30/2021 1:18 PM	0.556	3.715	2.408
5/30/2021 1:24 PM	0.435	3.712	2.183
5/30/2021 1:30 PM	0.307	3.69	2.142
5/30/2021 1:36 PM	0.276	3.663	2.159
5/30/2021 1:42 PM	0.298	3.632	2.224
5/30/2021 1:48 PM	0.239	3.625	2.279
5/30/2021 1:54 PM	0.192	3.622	2.366
5/30/2021 2:00 PM	0.19	3.582	2.791
5/30/2021 2:06 PM	0.22	3.57	3.192
5/30/2021 2:12 PM	0.192	3.55	3.231
5/30/2021 2:18 PM	0.173	3.565	3.115
5/30/2021 2:24 PM	0.167	3.562	3.037
5/30/2021 2:30 PM	0.151	3.511	3.023
5/30/2021 2:36 PM	0.152	3.447	2.994
5/30/2021 2:42 PM	0.178	3.456	2.91
5/30/2021 2:48 PM	0.128	3.479	2.853
5/30/2021 2:54 PM	0.082	3.447	2.865
5/30/2021 3:00 PM	0.082	3.405	2.815
5/30/2021 3:06 PM	0.051	3.359	2.795
5/30/2021 3:12 PM	0.035	3.332	2.83
5/30/2021 3:18 PM	0.036	3.344	2.779
5/30/2021 3:24 PM	0.047	3.364	2.768
5/30/2021 3:30 PM	0.142	3.388	2.838
5/30/2021 3:36 PM	0.203	3.408	2.877
5/30/2021 3:42 PM	0.159	3.446	2.837
5/30/2021 3:48 PM	0.153	3.524	2.821
5/30/2021 3:54 PM	0.189	3.577	2.835

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/30/2021 4:00 PM	0.183	3.572	2.784
5/30/2021 4:06 PM	0.139	3.565	2.773
5/30/2021 4:12 PM	0.094	3.558	2.747
5/30/2021 4:18 PM	0.093	3.526	2.746
5/30/2021 4:24 PM	0.05	3.458	2.754
5/30/2021 4:30 PM	-0.02	3.417	2.754
5/30/2021 4:36 PM	-0.062	3.403	2.734
5/30/2021 4:42 PM	-0.081	3.4	2.773
5/30/2021 4:48 PM	-0.059	3.419	2.778
5/30/2021 4:54 PM	-0.042	3.435	2.706
5/30/2021 5:00 PM	-0.047	3.424	2.658
5/30/2021 5:06 PM	-0.244	3.419	2.699
5/30/2021 5:12 PM	-0.329	3.405	2.512
5/30/2021 5:18 PM	-0.184	3.394	2.357
5/30/2021 5:24 PM	-0.044	3.443	2.418
5/30/2021 5:30 PM	0.065	3.489	2.41
5/30/2021 5:36 PM	0.115	3.462	2.366
5/30/2021 5:42 PM	0.15	3.431	2.376
5/30/2021 5:48 PM	0.185	3.409	2.376
5/30/2021 5:54 PM	0.23	3.395	2.341
5/30/2021 6:00 PM	0.268	3.403	2.366
5/30/2021 6:06 PM	0.29	3.408	2.375
5/30/2021 6:12 PM	0.321	3.39	2.311
5/30/2021 6:18 PM	0.348	3.356	1.805
5/30/2021 6:24 PM	0.226	3.325	0.809
5/30/2021 6:30 PM	0.01	3.3	0.338
5/30/2021 6:36 PM	-0.011	3.277	0.367
5/30/2021 6:42 PM	-0.131	3.269	0.375
5/30/2021 6:48 PM	-0.285	3.256	0.377
5/30/2021 6:54 PM	-0.187	3.211	0.391
5/30/2021 7:00 PM	0.032	3.171	0.417
5/30/2021 7:06 PM	0.16	3.159	0.443
5/30/2021 7:12 PM	0.193	3.145	0.461
5/30/2021 7:18 PM	0.214	3.134	0.471
5/30/2021 7:24 PM	0.168	3.14	0.484
5/30/2021 7:30 PM	0.136	3.176	0.496
5/30/2021 7:36 PM	0.084	3.228	0.5
5/30/2021 7:42 PM	0.002	3.269	0.482
5/30/2021 7:48 PM	-0.113	3.257	0.465
5/30/2021 7:54 PM	-0.207	3.226	0.44
5/30/2021 8:00 PM	-0.245	3.215	0.407
5/30/2021 8:06 PM	-0.268	3.197	0.394
5/30/2021 8:12 PM	-0.29	3.186	0.403
5/30/2021 8:18 PM	-0.222	3.191	0.424
5/30/2021 8:24 PM	0.01	3.146	0.403
5/30/2021 8:30 PM	0.197	3.1	0.396
5/30/2021 8:36 PM	0.287	3.087	0.396
5/30/2021 8:42 PM	0.33	3.065	0.382
5/30/2021 8:48 PM	0.342	3.037	0.353
5/30/2021 8:54 PM	0.372	3.015	0.358
5/30/2021 9:00 PM	0.64	2.997	0.364
5/30/2021 9:06 PM	0.441	2.962	0.348
5/30/2021 9:12 PM	-0.03	2.911	0.356
5/30/2021 9:18 PM	-0.034	2.879	0.367

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
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Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/30/2021 9:24 PM	0.063	2.853	0.361
5/30/2021 9:30 PM	0.075	2.832	0.374
5/30/2021 9:36 PM	0.066	2.811	0.362
5/30/2021 9:42 PM	0.064	2.795	0.372
5/30/2021 9:48 PM	0.062	2.785	0.378
5/30/2021 9:54 PM	0.056	2.757	0.369
5/30/2021 10:00 PM	0.036	2.745	0.365
5/30/2021 10:06 PM	0.003	2.72	0.379
5/30/2021 10:12 PM	0.007	2.667	0.396
5/30/2021 10:18 PM	0.019	2.644	0.415
5/30/2021 10:24 PM	0.034	2.669	0.445
5/30/2021 10:30 PM	0.045	2.707	0.446
5/30/2021 10:36 PM	0.006	2.736	0.441
5/30/2021 10:42 PM	-0.022	2.767	0.448
5/30/2021 10:48 PM	-0.021	2.815	0.442
5/30/2021 10:54 PM	-0.021	2.842	0.431
5/30/2021 11:00 PM	-0.043	2.867	0.434
5/30/2021 11:06 PM	-0.071	2.881	0.436
5/30/2021 11:12 PM	-0.065	2.897	0.427
5/30/2021 11:18 PM	-0.046	2.903	0.42
5/30/2021 11:24 PM	-0.041	2.909	0.419
5/30/2021 11:30 PM	-0.023	2.923	0.421
5/30/2021 11:36 PM	-0.016	2.929	0.414
5/30/2021 11:42 PM	-0.013	2.937	0.403
5/30/2021 11:48 PM	0.009	2.939	0.407
5/30/2021 11:54 PM	-0.005	2.931	0.396
5/31/2021 12:00 AM	-0.064	2.918	0.386
5/31/2021 12:06 AM	-0.093	2.908	0.383
5/31/2021 12:12 AM	-0.063	2.903	0.39
5/31/2021 12:18 AM	-0.071	2.897	0.384
5/31/2021 12:24 AM	-0.089	2.889	0.385
5/31/2021 12:30 AM	-0.065	2.878	0.396
5/31/2021 12:36 AM	-0.068	2.87	0.397
5/31/2021 12:42 AM	-0.068	2.877	0.39
5/31/2021 12:48 AM	-0.088	2.875	0.406
5/31/2021 12:54 AM	-0.108	2.854	0.406
5/31/2021 1:00 AM	-0.084	2.844	0.428
5/31/2021 1:06 AM	-0.078	2.845	0.444
5/31/2021 1:12 AM	-0.058	2.854	0.441
5/31/2021 1:18 AM	-0.037	2.86	0.441
5/31/2021 1:24 AM	-0.055	2.863	0.444
5/31/2021 1:30 AM	-0.065	2.867	0.443
5/31/2021 1:36 AM	-0.056	2.883	0.443
5/31/2021 1:42 AM	-0.04	2.911	0.453
5/31/2021 1:48 AM	-0.054	2.943	0.456
5/31/2021 1:54 AM	-0.042	2.963	0.462
5/31/2021 2:00 AM	-0.015	2.972	0.464
5/31/2021 2:06 AM	-0.025	2.995	0.468
5/31/2021 2:12 AM	-0.03	3.018	0.476
5/31/2021 2:18 AM	-0.051	3.034	0.476
5/31/2021 2:24 AM	-0.043	3.036	0.482
5/31/2021 2:30 AM	-0.05	3.012	0.467
5/31/2021 2:36 AM	-0.047	3.006	0.479
5/31/2021 2:42 AM	-0.038	3.013	0.493

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/31/2021 2:48 AM	-0.047	3.015	0.496
5/31/2021 2:54 AM	-0.051	3.02	0.493
5/31/2021 3:00 AM	-0.042	3.01	0.501
5/31/2021 3:06 AM	-0.059	3.002	0.512
5/31/2021 3:12 AM	-0.041	3.017	0.519
5/31/2021 3:18 AM	-0.017	3.037	0.527
5/31/2021 3:24 AM	-0.013	3.052	0.524
5/31/2021 3:30 AM	-0.043	3.079	0.528
5/31/2021 3:36 AM	-0.068	3.098	0.537
5/31/2021 3:42 AM	-0.085	3.108	0.536
5/31/2021 3:48 AM	-0.11	3.137	0.541
5/31/2021 3:54 AM	-0.117	3.17	0.546
5/31/2021 4:00 AM	-0.129	3.176	0.532
5/31/2021 4:06 AM	-0.163	3.168	0.528
5/31/2021 4:12 AM	-0.142	3.158	0.538
5/31/2021 4:18 AM	-0.11	3.165	0.543
5/31/2021 4:24 AM	-0.093	3.184	0.555
5/31/2021 4:30 AM	-0.053	3.213	0.561
5/31/2021 4:36 AM	-0.04	3.232	0.561
5/31/2021 4:42 AM	-0.034	3.254	0.577
5/31/2021 4:48 AM	-0.129	3.276	0.585
5/31/2021 4:54 AM	-0.152	3.305	0.578
5/31/2021 5:00 AM	-0.03	3.326	0.563
5/31/2021 5:06 AM	-0.005	3.331	0.569
5/31/2021 5:12 AM	0.025	3.343	0.582
5/31/2021 5:18 AM	0.05	3.37	0.573
5/31/2021 5:24 AM	0.059	3.401	0.566
5/31/2021 5:30 AM	0.061	3.428	0.567
5/31/2021 5:36 AM	0.071	3.465	0.582
5/31/2021 5:42 AM	0.083	3.505	0.588
5/31/2021 5:48 AM	0.087	3.544	0.575
5/31/2021 5:54 AM	0.066	3.595	0.577
5/31/2021 6:00 AM	0.076	3.659	0.577
5/31/2021 6:06 AM	0.092	3.737	0.578
5/31/2021 6:12 AM	0.063	3.827	0.577
5/31/2021 6:18 AM	0.08	3.925	0.571
5/31/2021 6:24 AM	0.098	4.008	0.568
5/31/2021 6:30 AM	0.118	4.108	0.578
5/31/2021 6:36 AM	0.113	4.317	0.585
5/31/2021 6:42 AM	0.087	4.756	0.564
5/31/2021 6:48 AM	0.045	5.19	0.548
5/31/2021 6:54 AM	0.043	5.396	0.534
5/31/2021 7:00 AM	0.068	5.421	0.526
5/31/2021 7:06 AM	0.077	5.408	0.532
5/31/2021 7:12 AM	0.089	5.31	0.531
5/31/2021 7:18 AM	-0.012	4.98	0.527
5/31/2021 7:24 AM	-0.099	4.711	0.528
5/31/2021 7:30 AM	-0.039	4.386	0.54
5/31/2021 7:36 AM	0.051	4.052	0.548
5/31/2021 7:42 AM	0.107	3.799	0.561
5/31/2021 7:48 AM	0.152	3.589	0.565
5/31/2021 7:54 AM	0.183	3.463	0.56
5/31/2021 8:00 AM	0.185	3.384	0.56
5/31/2021 8:06 AM	0.197	3.327	0.556

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021

0:00

End of Report: 6/30/2021

23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/31/2021 8:12 AM	0.194	3.363	0.557
5/31/2021 8:18 AM	0.193	3.467	0.559
5/31/2021 8:24 AM	0.374	3.554	0.558
5/31/2021 8:30 AM	0.506	3.689	0.554
5/31/2021 8:36 AM	0.415	3.91	0.544
5/31/2021 8:42 AM	0.357	4.078	0.535
5/31/2021 8:48 AM	0.332	4.184	0.535
5/31/2021 8:54 AM	0.285	4.184	0.549
5/31/2021 9:00 AM	0.246	4.093	0.56
5/31/2021 9:06 AM	0.247	3.902	0.565
5/31/2021 9:12 AM	0.247	3.681	0.571
5/31/2021 9:18 AM	0.229	3.443	0.58
5/31/2021 9:24 AM	0.196	3.424	0.586
5/31/2021 9:30 AM	0.179	3.52	0.585
5/31/2021 9:36 AM	0.168	3.545	0.581
5/31/2021 9:42 AM	0.162	3.458	0.582
5/31/2021 9:48 AM	0.202	3.403	0.582
5/31/2021 9:54 AM	0.191	3.443	0.583
5/31/2021 10:00 AM	0.15	3.475	3.042
5/31/2021 10:06 AM	-0.036	3.534	6.153
5/31/2021 10:12 AM	-0.11	3.595	3.647
5/31/2021 10:18 AM	-0.015	3.65	2.57
5/31/2021 10:24 AM	0.067	3.75	2.443
5/31/2021 10:30 AM	0.13	3.934	2.47
5/31/2021 10:36 AM	0.158	4.237	2.514
5/31/2021 10:42 AM	0.19	4.461	2.483
5/31/2021 10:48 AM	0.224	4.588	2.441
5/31/2021 10:54 AM	0.229	4.587	2.438
5/31/2021 11:00 AM	0.235	4.41	2.494
5/31/2021 11:06 AM	0.265	4.331	2.538
5/31/2021 11:12 AM	0.312	4.413	2.527
5/31/2021 11:18 AM	0.316	4.465	2.524
5/31/2021 11:24 AM	0.325	4.413	2.502
5/31/2021 11:30 AM	0.331	4.4	2.453
5/31/2021 11:36 AM	0.321	4.44	2.404
5/31/2021 11:42 AM	0.338	4.452	2.378
5/31/2021 11:48 AM	0.315	4.423	2.363
5/31/2021 11:54 AM	0.287	4.362	2.36
5/31/2021 12:00 PM	0.408	4.386	2.336
5/31/2021 12:06 PM	0.8	4.521	2.322
5/31/2021 12:12 PM	0.795	4.403	2.297
5/31/2021 12:18 PM	0.796	4.311	2.3
5/31/2021 12:24 PM	0.8	4.35	2.305
5/31/2021 12:30 PM	0.799	4.336	2.279
5/31/2021 12:36 PM	0.785	4.181	2.296
5/31/2021 12:42 PM	0.794	3.936	2.3
5/31/2021 12:48 PM	0.789	3.724	2.264
5/31/2021 12:54 PM	0.776	3.615	2.244
5/31/2021 1:00 PM	0.758	3.599	2.255
5/31/2021 1:06 PM	0.751	3.676	2.27
5/31/2021 1:12 PM	0.724	3.877	2.255
5/31/2021 1:18 PM	0.699	4.064	2.247
5/31/2021 1:24 PM	0.692	4.161	2.22
5/31/2021 1:30 PM	0.663	4.19	2.206

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/31/2021 1:36 PM	0.648	4.148	2.219
5/31/2021 1:42 PM	0.645	4.094	2.197
5/31/2021 1:48 PM	0.659	4.109	2.188
5/31/2021 1:54 PM	0.682	4.182	2.216
5/31/2021 2:00 PM	0.66	4.197	2.213
5/31/2021 2:06 PM	0.634	4.145	2.198
5/31/2021 2:12 PM	0.618	4.003	2.215
5/31/2021 2:18 PM	0.606	3.772	2.213
5/31/2021 2:24 PM	0.623	3.647	2.204
5/31/2021 2:30 PM	0.623	3.652	2.185
5/31/2021 2:36 PM	0.623	3.703	2.17
5/31/2021 2:42 PM	0.651	3.725	2.205
5/31/2021 2:48 PM	0.662	3.731	2.24
5/31/2021 2:54 PM	0.652	3.669	2.239
5/31/2021 3:00 PM	0.674	3.541	2.225
5/31/2021 3:06 PM	0.69	3.385	2.216
5/31/2021 3:12 PM	0.695	3.184	2.218
5/31/2021 3:18 PM	0.661	3.008	2.216
5/31/2021 3:24 PM	0.64	2.871	2.202
5/31/2021 3:30 PM	0.621	2.816	2.206
5/31/2021 3:36 PM	0.627	2.842	2.214
5/31/2021 3:42 PM	0.635	2.871	2.202
5/31/2021 3:48 PM	0.62	2.895	2.189
5/31/2021 3:54 PM	0.619	2.936	2.196
5/31/2021 4:00 PM	0.621	2.941	2.175
5/31/2021 4:06 PM	0.616	2.935	2.18
5/31/2021 4:12 PM	0.645	2.938	2.19
5/31/2021 4:18 PM	0.786	2.969	2.185
5/31/2021 4:24 PM	0.919	3.019	2.218
5/31/2021 4:30 PM	1.026	3.01	2.217
5/31/2021 4:36 PM	1.094	3.014	2.208
5/31/2021 4:42 PM	1.119	3.015	2.23
5/31/2021 4:48 PM	1.18	2.976	2.239
5/31/2021 4:54 PM	1.207	2.963	2.238
5/31/2021 5:00 PM	1.193	2.911	2.225
5/31/2021 5:06 PM	1.17	2.826	2.219
5/31/2021 5:12 PM	1.117	2.798	2.234
5/31/2021 5:18 PM	1.081	2.834	2.242
5/31/2021 5:24 PM	1.096	2.829	2.238
5/31/2021 5:30 PM	1.127	2.787	2.258
5/31/2021 5:36 PM	1.108	2.77	2.233
5/31/2021 5:42 PM	1.067	2.834	2.198
5/31/2021 5:48 PM	1.085	2.986	2.202
5/31/2021 5:54 PM	1.119	3.149	2.196
5/31/2021 6:00 PM	1.137	3.326	2.195
5/31/2021 6:06 PM	1.121	3.506	2.216
5/31/2021 6:12 PM	1.128	3.702	2.212
5/31/2021 6:18 PM	1.154	3.959	2.222
5/31/2021 6:24 PM	1.131	4.308	2.249
5/31/2021 6:30 PM	1.108	4.657	2.279
5/31/2021 6:36 PM	1.147	4.963	2.273
5/31/2021 6:42 PM	1.135	5.087	2.279
5/31/2021 6:48 PM	1.107	5.086	2.321
5/31/2021 6:54 PM	1.116	4.993	2.29

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
5/31/2021 7:00 PM	1.124	4.901	2.287
5/31/2021 7:06 PM	1.137	4.927	2.319
5/31/2021 7:12 PM	1.14	4.898	2.317
5/31/2021 7:18 PM	1.151	4.815	2.32
5/31/2021 7:24 PM	1.175	4.797	2.325
5/31/2021 7:30 PM	1.168	4.763	2.31
5/31/2021 7:36 PM	1.114	4.716	2.309
5/31/2021 7:42 PM	1.096	4.73	2.312
5/31/2021 7:48 PM	1.076	4.781	2.304
5/31/2021 7:54 PM	1.048	4.847	2.328
5/31/2021 8:00 PM	1.052	4.878	2.333
5/31/2021 8:06 PM	1.05	4.87	2.314
5/31/2021 8:12 PM	1.028	4.846	2.343
5/31/2021 8:18 PM	1.019	4.861	2.333
5/31/2021 8:24 PM	1.024	4.885	2.323
5/31/2021 8:30 PM	1.009	4.887	2.314
5/31/2021 8:36 PM	0.996	4.886	2.308
5/31/2021 8:42 PM	1.003	4.901	2.287
5/31/2021 8:48 PM	0.994	4.919	2.3
5/31/2021 8:54 PM	0.991	4.931	2.312
5/31/2021 9:00 PM	0.955	4.926	2.318
5/31/2021 9:06 PM	0.912	4.921	2.327
5/31/2021 9:12 PM	0.918	4.92	2.317
5/31/2021 9:18 PM	0.914	4.904	2.293
5/31/2021 9:24 PM	0.912	4.869	2.331
5/31/2021 9:30 PM	0.927	4.85	2.345
5/31/2021 9:36 PM	0.912	4.841	2.343
5/31/2021 9:42 PM	0.906	4.828	2.322
5/31/2021 9:48 PM	0.928	4.799	2.309
5/31/2021 9:54 PM	0.949	4.753	2.329
5/31/2021 10:00 PM	0.96	4.718	2.343
5/31/2021 10:06 PM	0.967	4.692	2.333
5/31/2021 10:12 PM	0.968	4.671	2.314
5/31/2021 10:18 PM	0.966	4.643	2.347
5/31/2021 10:24 PM	0.976	4.585	2.386
5/31/2021 10:30 PM	0.983	4.545	2.382
5/31/2021 10:36 PM	0.981	4.517	2.392
5/31/2021 10:42 PM	0.974	4.469	2.382
5/31/2021 10:48 PM	0.969	4.417	2.354
5/31/2021 10:54 PM	0.953	4.368	2.367
5/31/2021 11:00 PM	0.947	4.325	2.373
5/31/2021 11:06 PM	0.978	4.312	2.365
5/31/2021 11:12 PM	0.979	4.342	2.367
5/31/2021 11:18 PM	0.982	4.345	2.375
5/31/2021 11:24 PM	1.017	4.311	2.356
5/31/2021 11:30 PM	0.991	4.269	2.343
5/31/2021 11:36 PM	0.968	4.215	2.319
5/31/2021 11:42 PM	0.955	4.171	2.322
5/31/2021 11:48 PM	0.947	4.149	2.325
5/31/2021 11:54 PM	0.985	4.133	2.265
6/1/2021 12:00 AM	0.991	4.098	1.17
6/1/2021 12:06 AM	0.761	4.082	0.366
6/1/2021 12:12 AM	0.588	4.065	0.318
6/1/2021 12:18 AM	0.571	4.045	0.312

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/1/2021 12:24 AM	0.632	4.038	0.32
6/1/2021 12:30 AM	0.692	4.036	0.335
6/1/2021 12:36 AM	0.762	4.022	0.336
6/1/2021 12:42 AM	0.904	4.01	0.353
6/1/2021 12:48 AM	0.918	4.01	0.355
6/1/2021 12:54 AM	0.84	4.01	0.341
6/1/2021 1:00 AM	0.83	4.009	0.311
6/1/2021 1:06 AM	0.806	4.006	0.316
6/1/2021 1:12 AM	0.802	4.005	0.343
6/1/2021 1:18 AM	0.776	3.998	0.325
6/1/2021 1:24 AM	0.612	4	0.322
6/1/2021 1:30 AM	0.431	4.001	0.314
6/1/2021 1:36 AM	0.448	3.996	0.331
6/1/2021 1:42 AM	0.488	4	0.349
6/1/2021 1:48 AM	0.461	4.015	0.337
6/1/2021 1:54 AM	0.461	4.034	0.344
6/1/2021 2:00 AM	0.462	4.056	0.363
6/1/2021 2:06 AM	0.419	4.09	0.361
6/1/2021 2:12 AM	0.339	4.129	0.362
6/1/2021 2:18 AM	0.284	4.166	0.345
6/1/2021 2:24 AM	0.259	4.174	0.353
6/1/2021 2:30 AM	0.221	4.131	0.339
6/1/2021 2:36 AM	0.226	4.085	0.344
6/1/2021 2:42 AM	0.212	4.055	0.354
6/1/2021 2:48 AM	0.208	4.034	0.342
6/1/2021 2:54 AM	0.276	4.014	0.322
6/1/2021 3:00 AM	0.295	4.018	0.331
6/1/2021 3:06 AM	0.238	4.041	0.354
6/1/2021 3:12 AM	0.264	4.056	0.363
6/1/2021 3:18 AM	0.281	4.075	0.35
6/1/2021 3:24 AM	0.296	4.08	0.347
6/1/2021 3:30 AM	0.313	4.072	0.345
6/1/2021 3:36 AM	0.287	4.058	0.347
6/1/2021 3:42 AM	0.275	4.041	0.344
6/1/2021 3:48 AM	0.306	4.035	0.338
6/1/2021 3:54 AM	0.301	4.031	0.335
6/1/2021 4:00 AM	0.311	4.021	0.339
6/1/2021 4:06 AM	0.334	4.025	0.351
6/1/2021 4:12 AM	0.31	4.047	0.358
6/1/2021 4:18 AM	0.277	4.073	0.347
6/1/2021 4:24 AM	0.276	4.093	0.344
6/1/2021 4:30 AM	0.259	4.105	0.336
6/1/2021 4:36 AM	0.271	4.122	0.35
6/1/2021 4:42 AM	0.297	4.15	0.354
6/1/2021 4:48 AM	0.295	4.185	0.349
6/1/2021 4:54 AM	0.325	4.215	0.348
6/1/2021 5:00 AM	0.363	4.248	0.338
6/1/2021 5:06 AM	0.395	4.29	0.334
6/1/2021 5:12 AM	0.404	4.333	0.346
6/1/2021 5:18 AM	0.381	4.373	0.357
6/1/2021 5:24 AM	0.351	4.444	0.334
6/1/2021 5:30 AM	0.361	4.513	0.324
6/1/2021 5:36 AM	0.432	4.666	0.336
6/1/2021 5:42 AM	0.456	4.873	0.361

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/1/2021 5:48 AM	0.466	5.127	0.367
6/1/2021 5:54 AM	0.464	5.367	0.349
6/1/2021 6:00 AM	0.43	5.49	0.349
6/1/2021 6:06 AM	0.401	5.561	0.351
6/1/2021 6:12 AM	0.454	5.577	0.351
6/1/2021 6:18 AM	0.553	5.513	0.33
6/1/2021 6:24 AM	0.587	5.418	0.334
6/1/2021 6:30 AM	0.628	5.361	0.338
6/1/2021 6:36 AM	0.641	5.415	0.34
6/1/2021 6:42 AM	0.612	5.545	0.338
6/1/2021 6:48 AM	0.617	5.608	0.343
6/1/2021 6:54 AM	0.65	5.565	0.342
6/1/2021 7:00 AM	0.674	5.667	0.326
6/1/2021 7:06 AM	0.686	5.799	0.319
6/1/2021 7:12 AM	0.655	5.861	6.059
6/1/2021 7:18 AM	0.529	5.966	7.307
6/1/2021 7:24 AM	0.483	6.075	3.179
6/1/2021 7:30 AM	0.523	6.074	2.709
6/1/2021 7:36 AM	0.548	5.981	2.65
6/1/2021 7:42 AM	0.553	5.848	2.629
6/1/2021 7:48 AM	0.566	5.621	2.621
6/1/2021 7:54 AM	0.584	5.321	2.657
6/1/2021 8:00 AM	0.574	4.985	2.662
6/1/2021 8:06 AM	0.576	4.738	2.606
6/1/2021 8:12 AM	0.591	4.657	2.609
6/1/2021 8:18 AM	0.604	4.676	2.647
6/1/2021 8:24 AM	0.599	4.786	2.64
6/1/2021 8:30 AM	0.6	4.965	2.598
6/1/2021 8:36 AM	0.585	4.885	2.555
6/1/2021 8:42 AM	0.564	4.432	2.486
6/1/2021 8:48 AM	0.541	3.914	2.492
6/1/2021 8:54 AM	0.502	3.599	2.472
6/1/2021 9:00 AM	0.477	3.358	2.457
6/1/2021 9:06 AM	0.461	3.151	2.432
6/1/2021 9:12 AM	0.451	2.868	2.41
6/1/2021 9:18 AM	0.418	2.609	2.414
6/1/2021 9:24 AM	0.414	2.45	2.405
6/1/2021 9:30 AM	0.4	2.374	2.403
6/1/2021 9:36 AM	0.384	2.354	2.426
6/1/2021 9:42 AM	0.411	2.33	2.428
6/1/2021 9:48 AM	0.413	2.314	2.411
6/1/2021 9:54 AM	0.411	2.291	2.411
6/1/2021 10:00 AM	0.421	2.29	2.389
6/1/2021 10:06 AM	0.434	2.352	2.344
6/1/2021 10:12 AM	0.467	2.422	2.327
6/1/2021 10:18 AM	0.483	2.438	2.335
6/1/2021 10:24 AM	0.507	2.423	2.36
6/1/2021 10:30 AM	0.541	2.419	2.345
6/1/2021 10:36 AM	0.527	2.446	2.315
6/1/2021 10:42 AM	0.513	2.496	2.34
6/1/2021 10:48 AM	0.507	2.532	2.381
6/1/2021 10:54 AM	0.517	2.549	2.335
6/1/2021 11:00 AM	0.519	2.549	2.323
6/1/2021 11:06 AM	0.52	2.522	2.322

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/1/2021 11:12 AM	0.666	2.51	2.338
6/1/2021 11:18 AM	0.964	2.547	2.558
6/1/2021 11:24 AM	1.069	2.6	2.658
6/1/2021 11:30 AM	1.037	2.66	2.552
6/1/2021 11:36 AM	1.011	2.711	2.473
6/1/2021 11:42 AM	1.028	2.716	2.434
6/1/2021 11:48 AM	1.065	2.718	2.476
6/1/2021 11:54 AM	1.072	2.717	2.488
6/1/2021 12:00 PM	1.026	2.736	2.506
6/1/2021 12:06 PM	0.903	2.875	2.593
6/1/2021 12:12 PM	0.906	2.906	2.551
6/1/2021 12:18 PM	0.909	2.928	2.546
6/1/2021 12:24 PM	0.927	2.949	2.547
6/1/2021 12:30 PM	0.918	2.981	2.534
6/1/2021 12:36 PM	0.862	2.993	2.511
6/1/2021 12:42 PM	0.854	2.992	2.511
6/1/2021 12:48 PM	0.851	2.982	2.514
6/1/2021 12:54 PM	0.836	2.948	2.504
6/1/2021 1:00 PM	0.862	2.883	2.463
6/1/2021 1:06 PM	0.704	2.852	2.399
6/1/2021 1:12 PM	0.375	2.854	2.213
6/1/2021 1:18 PM	0.445	2.799	2.199
6/1/2021 1:24 PM	0.57	2.718	2.259
6/1/2021 1:30 PM	0.657	2.666	2.305
6/1/2021 1:36 PM	0.711	2.661	2.318
6/1/2021 1:42 PM	0.743	2.656	2.334
6/1/2021 1:48 PM	0.739	2.65	2.36
6/1/2021 1:54 PM	0.745	2.647	2.349
6/1/2021 2:00 PM	0.748	2.627	2.35
6/1/2021 2:06 PM	0.754	2.611	2.39
6/1/2021 2:12 PM	0.771	2.604	2.383
6/1/2021 2:18 PM	0.766	2.617	2.368
6/1/2021 2:24 PM	0.749	2.647	2.373
6/1/2021 2:30 PM	0.759	2.692	2.377
6/1/2021 2:36 PM	0.768	2.739	2.409
6/1/2021 2:42 PM	0.771	2.738	2.432
6/1/2021 2:48 PM	0.782	2.691	2.414
6/1/2021 2:54 PM	0.765	2.672	2.389
6/1/2021 3:00 PM	0.765	2.671	2.382
6/1/2021 3:06 PM	0.764	2.673	2.363
6/1/2021 3:12 PM	0.755	2.658	2.392
6/1/2021 3:18 PM	0.767	2.629	2.432
6/1/2021 3:24 PM	0.766	2.627	2.432
6/1/2021 3:30 PM	0.734	2.638	2.402
6/1/2021 3:36 PM	0.719	2.646	2.343
6/1/2021 3:42 PM	0.747	2.652	2.347
6/1/2021 3:48 PM	0.781	2.673	2.335
6/1/2021 3:54 PM	0.802	2.697	2.346
6/1/2021 4:00 PM	0.799	2.721	2.339
6/1/2021 4:06 PM	0.773	2.739	2.308
6/1/2021 4:12 PM	0.782	2.805	2.308
6/1/2021 4:18 PM	0.811	3.011	2.299
6/1/2021 4:24 PM	0.844	3.197	2.324
6/1/2021 4:30 PM	0.825	3.284	2.333

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/1/2021 4:36 PM	0.812	3.421	2.318
6/1/2021 4:42 PM	0.841	3.483	2.32
6/1/2021 4:48 PM	0.827	3.392	2.339
6/1/2021 4:54 PM	0.824	3.329	2.338
6/1/2021 5:00 PM	0.807	3.317	2.326
6/1/2021 5:06 PM	0.818	3.28	2.325
6/1/2021 5:12 PM	0.822	3.146	2.324
6/1/2021 5:18 PM	0.815	3.014	2.35
6/1/2021 5:24 PM	0.811	2.942	2.356
6/1/2021 5:30 PM	0.789	2.907	2.347
6/1/2021 5:36 PM	0.791	2.988	2.328
6/1/2021 5:42 PM	0.809	3.113	2.314
6/1/2021 5:48 PM	0.804	3.234	2.331
6/1/2021 5:54 PM	0.774	3.412	2.342
6/1/2021 6:00 PM	0.774	3.506	2.338
6/1/2021 6:06 PM	0.802	3.545	2.33
6/1/2021 6:12 PM	0.84	3.546	2.324
6/1/2021 6:18 PM	0.839	3.568	2.335
6/1/2021 6:24 PM	0.807	3.617	2.326
6/1/2021 6:30 PM	0.753	3.68	2.334
6/1/2021 6:36 PM	0.737	3.752	2.343
6/1/2021 6:42 PM	0.796	3.817	2.264
6/1/2021 6:48 PM	0.924	3.842	2.217
6/1/2021 6:54 PM	1.02	3.852	2.259
6/1/2021 7:00 PM	1.08	3.846	2.277
6/1/2021 7:06 PM	1.112	3.811	2.274
6/1/2021 7:12 PM	1.146	3.768	2.287
6/1/2021 7:18 PM	1.175	3.732	2.313
6/1/2021 7:24 PM	1.183	3.701	2.337
6/1/2021 7:30 PM	1.174	3.686	2.326
6/1/2021 7:36 PM	1.184	3.69	2.307
6/1/2021 7:42 PM	1.16	3.69	2.313
6/1/2021 7:48 PM	1.109	3.681	2.315
6/1/2021 7:54 PM	1.113	3.668	2.339
6/1/2021 8:00 PM	1.121	3.659	2.341
6/1/2021 8:06 PM	1.149	3.647	2.343
6/1/2021 8:12 PM	1.124	3.645	2.328
6/1/2021 8:18 PM	1.1	3.669	2.345
6/1/2021 8:24 PM	1.088	3.687	2.345
6/1/2021 8:30 PM	1.078	3.685	2.354
6/1/2021 8:36 PM	1.069	3.676	2.359
6/1/2021 8:42 PM	1.057	3.683	2.373
6/1/2021 8:48 PM	1.063	3.686	2.378
6/1/2021 8:54 PM	1.074	3.672	2.349
6/1/2021 9:00 PM	1.071	3.647	2.341
6/1/2021 9:06 PM	1.026	3.628	2.361
6/1/2021 9:12 PM	0.991	3.632	2.391
6/1/2021 9:18 PM	0.991	3.656	2.393
6/1/2021 9:24 PM	1.022	3.692	2.372
6/1/2021 9:30 PM	1.034	3.731	2.353
6/1/2021 9:36 PM	1.017	3.76	2.35
6/1/2021 9:42 PM	1.064	3.784	2.379
6/1/2021 9:48 PM	1.072	3.8	2.371
6/1/2021 9:54 PM	1.031	3.83	2.376

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/1/2021 10:00 PM	1.026	3.853	2.389
6/1/2021 10:06 PM	1.062	3.875	2.4
6/1/2021 10:12 PM	1.074	3.889	2.4
6/1/2021 10:18 PM	1.003	3.882	2.39
6/1/2021 10:24 PM	0.945	3.872	2.398
6/1/2021 10:30 PM	0.926	3.86	2.405
6/1/2021 10:36 PM	0.918	3.841	2.427
6/1/2021 10:42 PM	0.926	3.818	2.401
6/1/2021 10:48 PM	0.973	3.806	2.358
6/1/2021 10:54 PM	0.991	3.79	2.384
6/1/2021 11:00 PM	0.97	3.755	2.406
6/1/2021 11:06 PM	0.957	3.723	2.392
6/1/2021 11:12 PM	0.928	3.708	2.414
6/1/2021 11:18 PM	0.907	3.69	2.433
6/1/2021 11:24 PM	0.917	3.665	2.442
6/1/2021 11:30 PM	0.901	3.637	2.474
6/1/2021 11:36 PM	0.895	3.621	2.476
6/1/2021 11:42 PM	0.91	3.617	2.43
6/1/2021 11:48 PM	0.922	3.608	2.389
6/1/2021 11:54 PM	0.909	3.605	2.38
6/2/2021 12:00 AM	0.883	3.605	2.382
6/2/2021 12:06 AM	0.857	3.6	2.365
6/2/2021 12:12 AM	0.833	3.601	2.373
6/2/2021 12:18 AM	0.679	3.602	2.768
6/2/2021 12:24 AM	0.054	3.597	2.996
6/2/2021 12:30 AM	-0.361	3.591	2.752
6/2/2021 12:36 AM	-0.392	3.584	2.71
6/2/2021 12:42 AM	-0.402	3.58	2.715
6/2/2021 12:48 AM	-0.394	3.572	2.724
6/2/2021 12:54 AM	-0.356	3.559	2.753
6/2/2021 1:00 AM	-0.346	3.542	2.77
6/2/2021 1:06 AM	-0.316	3.516	2.716
6/2/2021 1:12 AM	-0.299	3.5	2.661
6/2/2021 1:18 AM	-0.269	3.502	2.619
6/2/2021 1:24 AM	-0.249	3.505	2.653
6/2/2021 1:30 AM	-0.222	3.513	2.7
6/2/2021 1:36 AM	-0.187	3.53	2.627
6/2/2021 1:42 AM	-0.165	3.541	2.558
6/2/2021 1:48 AM	-0.169	3.553	2.545
6/2/2021 1:54 AM	-0.142	3.559	2.568
6/2/2021 2:00 AM	-0.135	3.552	2.594
6/2/2021 2:06 AM	-0.116	3.538	2.613
6/2/2021 2:12 AM	-0.074	3.51	2.663
6/2/2021 2:18 AM	-0.06	3.482	2.698
6/2/2021 2:24 AM	-0.036	3.473	2.682
6/2/2021 2:30 AM	-0.018	3.467	2.674
6/2/2021 2:36 AM	-0.011	3.456	2.701
6/2/2021 2:42 AM	-0.007	3.458	2.737
6/2/2021 2:48 AM	0.009	3.464	2.761
6/2/2021 2:54 AM	0.01	3.467	2.776
6/2/2021 3:00 AM	0.009	3.465	2.818
6/2/2021 3:06 AM	0.045	3.468	2.846
6/2/2021 3:12 AM	0.029	3.471	2.932
6/2/2021 3:18 AM	0.009	3.467	2.926

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/2/2021 3:24 AM	0.03	3.463	2.812
6/2/2021 3:30 AM	0.048	3.468	2.779
6/2/2021 3:36 AM	0.022	3.486	2.759
6/2/2021 3:42 AM	0.002	3.505	2.768
6/2/2021 3:48 AM	0.016	3.516	2.757
6/2/2021 3:54 AM	0.073	3.529	2.696
6/2/2021 4:00 AM	0.066	3.544	2.697
6/2/2021 4:06 AM	0.059	3.556	2.681
6/2/2021 4:12 AM	0.071	3.56	2.651
6/2/2021 4:18 AM	0.091	3.566	2.637
6/2/2021 4:24 AM	0.13	3.584	2.708
6/2/2021 4:30 AM	0.125	3.599	2.705
6/2/2021 4:36 AM	0.111	3.613	2.625
6/2/2021 4:42 AM	0.116	3.624	2.621
6/2/2021 4:48 AM	0.114	3.651	2.649
6/2/2021 4:54 AM	0.146	3.699	2.636
6/2/2021 5:00 AM	0.155	3.795	2.67
6/2/2021 5:06 AM	0.155	3.909	2.751
6/2/2021 5:12 AM	0.134	4.014	2.763
6/2/2021 5:18 AM	0.142	4.097	2.698
6/2/2021 5:24 AM	0.141	4.189	2.624
6/2/2021 5:30 AM	0.161	4.284	2.615
6/2/2021 5:36 AM	0.161	4.375	2.618
6/2/2021 5:42 AM	0.153	4.496	2.633
6/2/2021 5:48 AM	0.161	4.635	2.666
6/2/2021 5:54 AM	0.192	4.845	2.673
6/2/2021 6:00 AM	0.205	5.283	2.689
6/2/2021 6:06 AM	0.226	5.845	2.701
6/2/2021 6:12 AM	0.251	6.152	2.729
6/2/2021 6:18 AM	0.221	6.217	2.777
6/2/2021 6:24 AM	0.216	6.204	2.88
6/2/2021 6:30 AM	0.243	6.165	2.896
6/2/2021 6:36 AM	0.221	6.201	3.018
6/2/2021 6:42 AM	0.213	6.377	3.042
6/2/2021 6:48 AM	0.248	6.502	2.774
6/2/2021 6:54 AM	0.258	6.52	2.703
6/2/2021 7:00 AM	0.286	6.503	2.697
6/2/2021 7:06 AM	0.294	6.495	2.709
6/2/2021 7:12 AM	0.273	6.513	2.714
6/2/2021 7:18 AM	0.274	6.531	2.665
6/2/2021 7:24 AM	0.323	6.493	2.631
6/2/2021 7:30 AM	0.344	6.352	2.81
6/2/2021 7:36 AM	0.354	6.141	3.541
6/2/2021 7:42 AM	0.362	5.856	3.684
6/2/2021 7:48 AM	0.385	5.558	3.269
6/2/2021 7:54 AM	0.417	5.373	3.069
6/2/2021 8:00 AM	0.424	5.283	3.046
6/2/2021 8:06 AM	0.427	5.217	3.032
6/2/2021 8:12 AM	0.457	5.132	3.168
6/2/2021 8:18 AM	0.488	5.068	3.224
6/2/2021 8:24 AM	0.515	5.054	3.161
6/2/2021 8:30 AM	0.51	4.926	1.957
6/2/2021 8:36 AM	0.496	4.599	0.517
6/2/2021 8:42 AM	0.498	4.193	0.371

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/2/2021 8:48 AM	0.526	3.777	0.371
6/2/2021 8:54 AM	0.504	3.48	0.37
6/2/2021 9:00 AM	0.498	3.223	0.383
6/2/2021 9:06 AM	0.498	3.01	0.376
6/2/2021 9:12 AM	0.495	2.868	0.382
6/2/2021 9:18 AM	0.49	2.877	0.372
6/2/2021 9:24 AM	0.476	2.968	2.361
6/2/2021 9:30 AM	3.411	2.973	3.904
6/2/2021 9:36 AM	4.527	2.871	2.878
6/2/2021 9:42 AM	2.233	2.767	2.59
6/2/2021 9:48 AM	1.998	2.699	2.64
6/2/2021 9:54 AM	1.957	2.654	2.681
6/2/2021 10:00 AM	1.911	2.65	2.653
6/2/2021 10:06 AM	1.84	2.672	2.622
6/2/2021 10:12 AM	1.765	2.702	2.617
6/2/2021 10:18 AM	1.681	2.75	2.688
6/2/2021 10:24 AM	1.544	2.764	2.729
6/2/2021 10:30 AM	1.327	2.787	2.813
6/2/2021 10:36 AM	1.114	2.844	2.831
6/2/2021 10:42 AM	1.049	2.885	2.778
6/2/2021 10:48 AM	1.236	2.918	2.791
6/2/2021 10:54 AM	1.422	2.957	2.793
6/2/2021 11:00 AM	1.52	2.952	2.755
6/2/2021 11:06 AM	1.56	2.93	2.771
6/2/2021 11:12 AM	1.477	2.906	2.806
6/2/2021 11:18 AM	1.308	2.909	2.786
6/2/2021 11:24 AM	1.209	2.926	2.748
6/2/2021 11:30 AM	1.085	2.931	2.711
6/2/2021 11:36 AM	0.906	2.922	2.643
6/2/2021 11:42 AM	0.776	2.881	2.624
6/2/2021 11:48 AM	0.692	2.871	2.653
6/2/2021 11:54 AM	0.652	2.938	2.595
6/2/2021 12:00 PM	0.648	3.011	2.542
6/2/2021 12:06 PM	0.661	3.048	2.431
6/2/2021 12:12 PM	0.639	3.065	2.427
6/2/2021 12:18 PM	0.641	3.128	2.476
6/2/2021 12:24 PM	0.66	3.15	2.51
6/2/2021 12:30 PM	0.672	3.132	2.487
6/2/2021 12:36 PM	0.704	3.157	2.434
6/2/2021 12:42 PM	0.778	3.186	2.505
6/2/2021 12:48 PM	0.77	3.238	2.514
6/2/2021 12:54 PM	0.789	3.283	2.444
6/2/2021 1:00 PM	0.829	3.298	2.436
6/2/2021 1:06 PM	0.871	3.297	2.457
6/2/2021 1:12 PM	0.851	3.284	2.435
6/2/2021 1:18 PM	0.831	3.292	2.398
6/2/2021 1:24 PM	0.851	3.321	2.401
6/2/2021 1:30 PM	0.855	3.345	2.423
6/2/2021 1:36 PM	0.869	3.368	2.445
6/2/2021 1:42 PM	0.871	3.365	2.42
6/2/2021 1:48 PM	0.865	3.353	2.406
6/2/2021 1:54 PM	0.871	3.36	2.408
6/2/2021 2:00 PM	0.899	3.362	2.39
6/2/2021 2:06 PM	0.937	3.35	2.395

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/2/2021 2:12 PM	0.918	3.345	2.437
6/2/2021 2:18 PM	0.884	3.343	2.434
6/2/2021 2:24 PM	0.589	3.3	2.409
6/2/2021 2:30 PM	0.068	3.255	2.25
6/2/2021 2:36 PM	-0.215	3.23	2.011
6/2/2021 2:42 PM	<Samp	<Samp	<Samp
6/2/2021 2:48 PM	---	---	---
6/2/2021 2:54 PM	---	---	---
6/2/2021 3:00 PM	---	---	---
6/2/2021 3:06 PM	<Samp	<Samp	<Samp
6/2/2021 3:12 PM	-0.225	3.075	0.312
6/2/2021 3:18 PM	0.803	3.066	2.17
6/2/2021 3:24 PM	1.605	3.095	3.582
6/2/2021 3:30 PM	1.052	3.141	2.86
6/2/2021 3:36 PM	0.826	3.205	2.716
6/2/2021 3:42 PM	0.659	3.239	2.616
6/2/2021 3:48 PM	0.565	3.229	2.547
6/2/2021 3:54 PM	0.518	3.192	2.512
6/2/2021 4:00 PM	0.483	3.152	2.463
6/2/2021 4:06 PM	0.473	3.111	2.442
6/2/2021 4:12 PM	0.461	3.061	2.48
6/2/2021 4:18 PM	0.443	3.023	2.492
6/2/2021 4:24 PM	0.494	3.003	2.428
6/2/2021 4:30 PM	0.582	2.993	2.419
6/2/2021 4:36 PM	0.627	3.005	2.427
6/2/2021 4:42 PM	0.68	3.012	2.428
6/2/2021 4:48 PM	0.708	2.991	2.413
6/2/2021 4:54 PM	0.72	2.974	2.415
6/2/2021 5:00 PM	0.729	2.965	2.383
6/2/2021 5:06 PM	0.72	2.957	2.365
6/2/2021 5:12 PM	0.736	2.938	2.385
6/2/2021 5:18 PM	0.761	2.92	2.409
6/2/2021 5:24 PM	0.753	2.929	2.411
6/2/2021 5:30 PM	0.727	2.951	2.371
6/2/2021 5:36 PM	0.739	2.958	2.347
6/2/2021 5:42 PM	0.755	2.965	2.363
6/2/2021 5:48 PM	0.785	2.972	2.386
6/2/2021 5:54 PM	0.793	2.982	2.4
6/2/2021 6:00 PM	0.778	3	2.41
6/2/2021 6:06 PM	0.784	2.996	2.427
6/2/2021 6:12 PM	0.838	2.983	2.451
6/2/2021 6:18 PM	0.875	2.966	2.463
6/2/2021 6:24 PM	0.874	2.949	2.458
6/2/2021 6:30 PM	0.85	2.934	2.437
6/2/2021 6:36 PM	0.812	2.929	2.425
6/2/2021 6:42 PM	0.802	2.934	2.438
6/2/2021 6:48 PM	0.831	2.936	2.46
6/2/2021 6:54 PM	0.834	2.943	2.463
6/2/2021 7:00 PM	0.838	2.947	2.476
6/2/2021 7:06 PM	0.85	2.945	2.506
6/2/2021 7:12 PM	0.86	2.955	2.528
6/2/2021 7:18 PM	0.827	2.965	2.546
6/2/2021 7:24 PM	0.78	2.947	2.561
6/2/2021 7:30 PM	0.802	2.93	2.545

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/2/2021 7:36 PM	0.886	2.918	2.529
6/2/2021 7:42 PM	0.917	2.904	2.499
6/2/2021 7:48 PM	0.908	2.892	2.469
6/2/2021 7:54 PM	0.912	2.886	2.492
6/2/2021 8:00 PM	0.971	2.868	2.482
6/2/2021 8:06 PM	0.991	2.839	2.439
6/2/2021 8:12 PM	0.959	2.809	2.405
6/2/2021 8:18 PM	0.922	2.803	2.377
6/2/2021 8:24 PM	0.912	2.818	2.393
6/2/2021 8:30 PM	0.891	2.834	2.42
6/2/2021 8:36 PM	0.873	2.836	2.413
6/2/2021 8:42 PM	0.899	2.831	2.402
6/2/2021 8:48 PM	0.944	2.829	2.41
6/2/2021 8:54 PM	0.966	2.831	2.428
6/2/2021 9:00 PM	0.987	2.839	2.434
6/2/2021 9:06 PM	1.042	2.85	2.415
6/2/2021 9:12 PM	1.035	2.852	2.398
6/2/2021 9:18 PM	0.995	2.856	2.384
6/2/2021 9:24 PM	0.868	2.856	2.369
6/2/2021 9:30 PM	0.806	2.85	2.368
6/2/2021 9:36 PM	0.782	2.835	2.349
6/2/2021 9:42 PM	0.757	2.823	2.356
6/2/2021 9:48 PM	0.73	2.804	2.379
6/2/2021 9:54 PM	0.757	2.773	2.381
6/2/2021 10:00 PM	0.835	2.76	2.356
6/2/2021 10:06 PM	0.852	2.768	2.339
6/2/2021 10:12 PM	0.777	2.793	2.368
6/2/2021 10:18 PM	0.754	2.811	2.376
6/2/2021 10:24 PM	0.794	2.828	2.381
6/2/2021 10:30 PM	0.808	2.84	2.395
6/2/2021 10:36 PM	0.802	2.863	2.38
6/2/2021 10:42 PM	0.795	2.901	2.365
6/2/2021 10:48 PM	0.778	2.924	2.392
6/2/2021 10:54 PM	0.809	2.956	2.371
6/2/2021 11:00 PM	1.246	2.966	1.435
6/2/2021 11:06 PM	1.268	2.961	0.364
6/2/2021 11:12 PM	0.862	2.953	0.385
6/2/2021 11:18 PM	0.769	2.954	0.38
6/2/2021 11:24 PM	0.746	2.959	0.378
6/2/2021 11:30 PM	0.705	2.965	0.394
6/2/2021 11:36 PM	0.676	2.975	0.415
6/2/2021 11:42 PM	0.638	2.999	0.416
6/2/2021 11:48 PM	0.607	3.038	0.415
6/2/2021 11:54 PM	0.578	3.075	0.401
6/3/2021 12:00 AM	0.539	3.104	0.412
6/3/2021 12:06 AM	0.481	3.135	0.409
6/3/2021 12:12 AM	0.474	3.159	0.392
6/3/2021 12:18 AM	0.463	3.164	0.397
6/3/2021 12:24 AM	0.455	3.166	0.396
6/3/2021 12:30 AM	0.45	3.155	0.399
6/3/2021 12:36 AM	0.441	3.137	0.385
6/3/2021 12:42 AM	0.426	3.131	0.388
6/3/2021 12:48 AM	0.394	3.114	0.389
6/3/2021 12:54 AM	0.301	3.078	0.393

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/3/2021 1:00 AM	0.173	3.028	0.4
6/3/2021 1:06 AM	0.143	2.98	0.397
6/3/2021 1:12 AM	0.139	2.942	0.395
6/3/2021 1:18 AM	0.138	2.912	0.4
6/3/2021 1:24 AM	0.122	2.9	0.397
6/3/2021 1:30 AM	0.086	2.896	0.389
6/3/2021 1:36 AM	0.061	2.887	0.394
6/3/2021 1:42 AM	0.058	2.876	0.391
6/3/2021 1:48 AM	0.056	2.855	0.382
6/3/2021 1:54 AM	0.05	2.828	0.405
6/3/2021 2:00 AM	0.045	2.804	0.41
6/3/2021 2:06 AM	0.034	2.794	0.407
6/3/2021 2:12 AM	0.025	2.787	0.419
6/3/2021 2:18 AM	0.012	2.77	0.424
6/3/2021 2:24 AM	0.027	2.751	0.42
6/3/2021 2:30 AM	0.035	2.733	0.418
6/3/2021 2:36 AM	0.016	2.719	0.427
6/3/2021 2:42 AM	-0.014	2.71	0.422
6/3/2021 2:48 AM	-0.035	2.702	0.424
6/3/2021 2:54 AM	-0.049	2.694	0.435
6/3/2021 3:00 AM	-0.044	2.701	0.443
6/3/2021 3:06 AM	-0.045	2.704	0.44
6/3/2021 3:12 AM	-0.049	2.7	0.434
6/3/2021 3:18 AM	-0.037	2.708	0.441
6/3/2021 3:24 AM	-0.066	2.728	0.441
6/3/2021 3:30 AM	-0.055	2.758	0.428
6/3/2021 3:36 AM	-0.021	2.803	0.431
6/3/2021 3:42 AM	-0.036	2.836	0.44
6/3/2021 3:48 AM	-0.024	2.864	0.434
6/3/2021 3:54 AM	-0.023	2.888	0.422
6/3/2021 4:00 AM	-0.036	2.906	0.42
6/3/2021 4:06 AM	-0.053	2.929	0.419
6/3/2021 4:12 AM	-0.028	2.956	0.422
6/3/2021 4:18 AM	-0.024	2.98	0.424
6/3/2021 4:24 AM	-0.022	3.011	0.419
6/3/2021 4:30 AM	0.003	3.059	0.416
6/3/2021 4:36 AM	-0.01	3.096	0.425
6/3/2021 4:42 AM	-0.006	3.126	0.417
6/3/2021 4:48 AM	-0.006	3.157	0.426
6/3/2021 4:54 AM	-0.009	3.195	0.438
6/3/2021 5:00 AM	0.017	3.23	0.425
6/3/2021 5:06 AM	-0.001	3.259	0.423
6/3/2021 5:12 AM	0.005	3.283	0.429
6/3/2021 5:18 AM	0.016	3.294	0.434
6/3/2021 5:24 AM	0.04	3.296	0.43
6/3/2021 5:30 AM	0.057	3.295	0.43
6/3/2021 5:36 AM	0.048	3.3	0.421
6/3/2021 5:42 AM	0.034	3.306	0.427
6/3/2021 5:48 AM	0.037	3.317	0.424
6/3/2021 5:54 AM	0.041	3.333	0.41
6/3/2021 6:00 AM	0.068	3.345	0.422
6/3/2021 6:06 AM	0.06	3.35	0.424
6/3/2021 6:12 AM	0.046	3.367	0.427
6/3/2021 6:18 AM	0.061	3.378	0.42

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/3/2021 6:24 AM	0.105	3.39	0.425
6/3/2021 6:30 AM	0.207	3.426	0.435
6/3/2021 6:36 AM	0.306	3.445	0.435
6/3/2021 6:42 AM	0.369	3.461	0.443
6/3/2021 6:48 AM	0.358	3.487	0.439
6/3/2021 6:54 AM	0.338	3.51	0.433
6/3/2021 7:00 AM	0.336	3.548	0.426
6/3/2021 7:06 AM	0.322	3.603	0.425
6/3/2021 7:12 AM	0.309	3.628	0.421
6/3/2021 7:18 AM	0.306	3.632	0.428
6/3/2021 7:24 AM	0.261	3.643	0.427
6/3/2021 7:30 AM	0.21	3.648	0.425
6/3/2021 7:36 AM	0.175	3.649	0.428
6/3/2021 7:42 AM	0.159	17.66	0.447
6/3/2021 7:48 AM	0.092	38.869	0.461
6/3/2021 7:54 AM	0.085	29.835	0.469
6/3/2021 8:00 AM	0.161	19.548	0.49
6/3/2021 8:06 AM	0.184	17.429	0.508
6/3/2021 8:12 AM	0.206	13.384	0.52
6/3/2021 8:18 AM	0.249	11.174	0.532
6/3/2021 8:24 AM	0.288	10.606	0.552
6/3/2021 8:30 AM	0.291	11.024	0.548
6/3/2021 8:36 AM	0.269	11.489	0.563
6/3/2021 8:42 AM	0.262	11.544	0.585
6/3/2021 8:48 AM	0.236	10.552	0.593
6/3/2021 8:54 AM	0.263	9.667	0.607
6/3/2021 9:00 AM	0.333	10.018	0.625
6/3/2021 9:06 AM	0.31	9.794	0.628
6/3/2021 9:12 AM	0.296	9.251	0.629
6/3/2021 9:18 AM	0.339	8.988	0.635
6/3/2021 9:24 AM	1.006	9.161	0.681
6/3/2021 9:30 AM	1.296	9.014	1.197
6/3/2021 9:36 AM	1.11	8.79	1.411
6/3/2021 9:42 AM	0.991	8.783	0.947
6/3/2021 9:48 AM	1.001	8.57	3.143
6/3/2021 9:54 AM	1.008	8.032	9.359
6/3/2021 10:00 AM	0.907	7.428	8.216
6/3/2021 10:06 AM	0.817	6.842	4.251
6/3/2021 10:12 AM	0.785	6.433	3.166
6/3/2021 10:18 AM	0.797	6.298	2.824
6/3/2021 10:24 AM	0.807	6.183	2.856
6/3/2021 10:30 AM	0.792	6.168	2.983
6/3/2021 10:36 AM	0.663	5.992	3.073
6/3/2021 10:42 AM	0.556	5.883	2.981
6/3/2021 10:48 AM	0.558	5.847	3.238
6/3/2021 10:54 AM	0.541	5.726	3.622
6/3/2021 11:00 AM	0.532	5.69	3.537
6/3/2021 11:06 AM	0.532	5.602	3.329
6/3/2021 11:12 AM	0.526	5.488	3.036
6/3/2021 11:18 AM	0.555	5.462	2.92
6/3/2021 11:24 AM	0.567	5.297	2.985
6/3/2021 11:30 AM	0.544	5.174	2.976
6/3/2021 11:36 AM	0.537	5.033	2.891
6/3/2021 11:42 AM	0.541	4.974	2.762

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/3/2021 11:48 AM	0.52	4.955	2.585
6/3/2021 11:54 AM	0.493	4.915	2.35
6/3/2021 12:00 PM	0.428	4.595	1.811
6/3/2021 12:06 PM	0.291	3.319	0.213
6/3/2021 12:12 PM	0.233	3.428	0.232
6/3/2021 12:18 PM	0.243	3.396	0.243
6/3/2021 12:24 PM	0.295	3.273	0.225
6/3/2021 12:30 PM	0.363	3.361	0.229
6/3/2021 12:36 PM	0.407	3.505	0.222
6/3/2021 12:42 PM	0.428	3.752	0.235
6/3/2021 12:48 PM	0.448	3.861	0.231
6/3/2021 12:54 PM	0.466	3.781	0.236
6/3/2021 1:00 PM	0.47	3.682	0.245
6/3/2021 1:06 PM	0.479	3.67	0.25
6/3/2021 1:12 PM	0.492	3.742	0.257
6/3/2021 1:18 PM	0.505	3.748	0.247
6/3/2021 1:24 PM	0.552	3.783	0.246
6/3/2021 1:30 PM	0.614	3.817	0.24
6/3/2021 1:36 PM	0.646	3.904	0.232
6/3/2021 1:42 PM	0.674	3.964	0.261
6/3/2021 1:48 PM	0.663	3.929	0.27
6/3/2021 1:54 PM	0.676	3.917	0.246
6/3/2021 2:00 PM	0.682	3.955	0.229
6/3/2021 2:06 PM	0.689	4.13	0.231
6/3/2021 2:12 PM	0.702	4.123	0.234
6/3/2021 2:18 PM	0.672	4.059	0.222
6/3/2021 2:24 PM	0.657	3.985	0.217
6/3/2021 2:30 PM	0.664	3.972	0.232
6/3/2021 2:36 PM	0.676	3.883	0.242
6/3/2021 2:42 PM	0.672	3.762	0.239
6/3/2021 2:48 PM	0.653	3.846	0.243
6/3/2021 2:54 PM	0.653	3.754	0.231
6/3/2021 3:00 PM	0.659	3.767	0.228
6/3/2021 3:06 PM	0.695	3.944	0.225
6/3/2021 3:12 PM	0.703	4.07	0.227
6/3/2021 3:18 PM	0.72	4.151	0.247
6/3/2021 3:24 PM	0.723	4.064	0.248
6/3/2021 3:30 PM	0.734	3.966	0.23
6/3/2021 3:36 PM	0.75	3.817	0.242
6/3/2021 3:42 PM	0.731	3.807	0.246
6/3/2021 3:48 PM	0.726	3.885	0.246
6/3/2021 3:54 PM	0.742	3.84	0.248
6/3/2021 4:00 PM	0.742	3.986	0.259
6/3/2021 4:06 PM	0.73	3.971	0.255
6/3/2021 4:12 PM	0.717	3.886	0.248
6/3/2021 4:18 PM	0.731	3.947	0.246
6/3/2021 4:24 PM	0.746	3.925	0.245
6/3/2021 4:30 PM	0.739	3.872	0.233
6/3/2021 4:36 PM	0.775	3.822	0.245
6/3/2021 4:42 PM	0.82	3.779	0.261
6/3/2021 4:48 PM	0.832	3.82	0.264
6/3/2021 4:54 PM	0.842	3.837	0.254
6/3/2021 5:00 PM	0.834	3.879	0.269
6/3/2021 5:06 PM	0.807	3.952	0.275

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/3/2021 5:12 PM	0.777	3.956	0.248
6/3/2021 5:18 PM	0.759	3.969	0.255
6/3/2021 5:24 PM	0.777	3.961	0.265
6/3/2021 5:30 PM	0.787	3.847	0.266
6/3/2021 5:36 PM	0.798	3.842	0.265
6/3/2021 5:42 PM	0.808	3.887	0.263
6/3/2021 5:48 PM	0.796	3.881	0.273
6/3/2021 5:54 PM	0.798	3.976	0.286
6/3/2021 6:00 PM	0.827	4.011	0.279
6/3/2021 6:06 PM	0.849	3.977	0.276
6/3/2021 6:12 PM	0.852	3.969	0.282
6/3/2021 6:18 PM	0.864	3.992	0.289
6/3/2021 6:24 PM	0.856	4.028	0.284
6/3/2021 6:30 PM	0.862	4.027	0.28
6/3/2021 6:36 PM	0.869	4.046	0.295
6/3/2021 6:42 PM	0.867	4.048	0.293
6/3/2021 6:48 PM	0.872	4.012	0.297
6/3/2021 6:54 PM	0.922	3.989	0.292
6/3/2021 7:00 PM	0.985	4.021	0.297
6/3/2021 7:06 PM	1.12	3.979	0.305
6/3/2021 7:12 PM	1.073	3.976	0.323
6/3/2021 7:18 PM	0.755	4.03	0.339
6/3/2021 7:24 PM	0.563	4.269	0.328
6/3/2021 7:30 PM	0.512	4.228	0.324
6/3/2021 7:36 PM	0.589	3.887	0.34
6/3/2021 7:42 PM	0.673	3.83	0.347
6/3/2021 7:48 PM	0.646	3.79	0.348
6/3/2021 7:54 PM	0.574	3.813	0.354
6/3/2021 8:00 PM	0.612	4.157	0.358
6/3/2021 8:06 PM	0.701	4.351	0.363
6/3/2021 8:12 PM	0.814	4.106	0.38
6/3/2021 8:18 PM	1.403	5.388	0.384
6/3/2021 8:24 PM	1.66	6.404	0.39
6/3/2021 8:30 PM	1.221	5.765	0.392
6/3/2021 8:36 PM	1.106	5.686	0.396
6/3/2021 8:42 PM	1.033	5.615	0.408
6/3/2021 8:48 PM	1.001	5.446	0.395
6/3/2021 8:54 PM	0.97	5.411	4.254
6/3/2021 9:00 PM	0.941	5.419	8.019
6/3/2021 9:06 PM	0.907	5.342	4.838
6/3/2021 9:12 PM	0.87	5.244	3.162
6/3/2021 9:18 PM	0.827	5.296	2.715
6/3/2021 9:24 PM	0.771	5.221	2.564
6/3/2021 9:30 PM	0.72	4.905	2.473
6/3/2021 9:36 PM	0.441	4.235	1.536
6/3/2021 9:42 PM	0.364	3.952	0.349
6/3/2021 9:48 PM	0.549	4.207	0.246
6/3/2021 9:54 PM	0.557	4.081	0.255
6/3/2021 10:00 PM	0.539	4.088	0.281
6/3/2021 10:06 PM	0.533	4.128	0.292
6/3/2021 10:12 PM	0.54	4.096	0.279
6/3/2021 10:18 PM	0.542	4.107	0.292
6/3/2021 10:24 PM	0.555	4.121	0.298
6/3/2021 10:30 PM	0.555	4.169	0.296

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/3/2021 10:36 PM	0.566	4.255	0.309
6/3/2021 10:42 PM	0.616	4.225	0.31
6/3/2021 10:48 PM	0.64	4.192	0.318
6/3/2021 10:54 PM	0.606	4.216	0.334
6/3/2021 11:00 PM	0.562	4.205	0.33
6/3/2021 11:06 PM	0.531	4.198	0.341
6/3/2021 11:12 PM	0.498	4.113	0.333
6/3/2021 11:18 PM	0.42	3.739	0.333
6/3/2021 11:24 PM	0.427	3.457	0.34
6/3/2021 11:30 PM	0.522	3.599	0.335
6/3/2021 11:36 PM	0.546	3.654	0.347
6/3/2021 11:42 PM	0.581	3.7	0.355
6/3/2021 11:48 PM	0.649	3.717	0.346
6/3/2021 11:54 PM	0.665	3.728	0.341
6/4/2021 12:00 AM	0.675	3.691	0.339
6/4/2021 12:06 AM	0.479	3.674	0.352
6/4/2021 12:12 AM	0.029	3.684	0.35
6/4/2021 12:18 AM	-0.237	3.589	0.346
6/4/2021 12:24 AM	-0.316	3.548	0.347
6/4/2021 12:30 AM	-0.405	3.541	0.355
6/4/2021 12:36 AM	-0.394	3.542	0.332
6/4/2021 12:42 AM	-0.339	3.577	0.334
6/4/2021 12:48 AM	-0.311	3.705	0.33
6/4/2021 12:54 AM	-0.288	3.668	0.324
6/4/2021 1:00 AM	-0.203	3.623	0.329
6/4/2021 1:06 AM	-0.118	3.651	0.329
6/4/2021 1:12 AM	-0.056	3.645	0.344
6/4/2021 1:18 AM	0	3.637	0.345
6/4/2021 1:24 AM	0.048	3.588	0.337
6/4/2021 1:30 AM	0.06	3.569	0.344
6/4/2021 1:36 AM	0.089	3.597	0.346
6/4/2021 1:42 AM	0.125	3.539	0.338
6/4/2021 1:48 AM	0.151	3.539	0.338
6/4/2021 1:54 AM	0.18	3.594	0.345
6/4/2021 2:00 AM	0.188	3.571	0.334
6/4/2021 2:06 AM	0.222	3.587	0.331
6/4/2021 2:12 AM	0.25	3.666	0.327
6/4/2021 2:18 AM	0.27	3.655	0.335
6/4/2021 2:24 AM	0.271	3.575	0.341
6/4/2021 2:30 AM	0.309	3.583	0.336
6/4/2021 2:36 AM	0.37	3.536	0.335
6/4/2021 2:42 AM	0.403	3.491	0.337
6/4/2021 2:48 AM	0.418	3.468	0.329
6/4/2021 2:54 AM	0.429	3.484	0.324
6/4/2021 3:00 AM	0.453	3.502	0.339
6/4/2021 3:06 AM	0.464	3.467	0.343
6/4/2021 3:12 AM	0.465	3.489	0.332
6/4/2021 3:18 AM	0.479	3.401	0.321
6/4/2021 3:24 AM	0.532	3.389	0.321
6/4/2021 3:30 AM	0.565	3.487	0.322
6/4/2021 3:36 AM	0.547	3.468	0.323
6/4/2021 3:42 AM	0.555	3.449	0.329
6/4/2021 3:48 AM	0.568	3.43	0.332
6/4/2021 3:54 AM	0.562	3.417	0.341

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/4/2021 4:00 AM	0.568	3.403	0.346
6/4/2021 4:06 AM	0.588	3.428	0.354
6/4/2021 4:12 AM	0.613	3.432	0.375
6/4/2021 4:18 AM	0.647	3.435	0.389
6/4/2021 4:24 AM	0.66	3.461	0.39
6/4/2021 4:30 AM	0.638	3.488	0.393
6/4/2021 4:36 AM	0.665	3.566	0.399
6/4/2021 4:42 AM	0.699	3.597	0.41
6/4/2021 4:48 AM	0.682	3.527	0.417
6/4/2021 4:54 AM	0.679	3.525	0.421
6/4/2021 5:00 AM	0.682	3.525	0.431
6/4/2021 5:06 AM	0.695	3.489	0.435
6/4/2021 5:12 AM	0.701	3.476	0.44
6/4/2021 5:18 AM	0.707	3.51	0.449
6/4/2021 5:24 AM	0.723	3.554	0.456
6/4/2021 5:30 AM	0.734	3.58	0.459
6/4/2021 5:36 AM	0.728	3.525	0.471
6/4/2021 5:42 AM	0.723	3.505	0.48
6/4/2021 5:48 AM	0.744	3.562	0.472
6/4/2021 5:54 AM	0.755	3.558	0.473
6/4/2021 6:00 AM	0.75	3.548	0.473
6/4/2021 6:06 AM	0.73	3.562	0.484
6/4/2021 6:12 AM	0.75	3.551	0.486
6/4/2021 6:18 AM	0.775	3.811	0.488
6/4/2021 6:24 AM	0.761	4.273	0.495
6/4/2021 6:30 AM	0.77	4.344	0.492
6/4/2021 6:36 AM	0.791	4.373	0.499
6/4/2021 6:42 AM	0.794	4.341	0.497
6/4/2021 6:48 AM	0.801	4.261	0.502
6/4/2021 6:54 AM	0.798	4.343	4.343
6/4/2021 7:00 AM	0.767	3.803	8.613
6/4/2021 7:06 AM	0.771	3.682	4.626
6/4/2021 7:12 AM	0.759	4.098	2.996
6/4/2021 7:18 AM	0.77	4.123	2.84
6/4/2021 7:24 AM	0.779	4.008	2.801
6/4/2021 7:30 AM	0.772	3.976	2.735
6/4/2021 7:36 AM	0.764	3.95	2.718
6/4/2021 7:42 AM	0.752	3.998	2.739
6/4/2021 7:48 AM	0.755	3.966	2.762
6/4/2021 7:54 AM	0.753	3.836	2.803
6/4/2021 8:00 AM	0.74	3.731	2.774
6/4/2021 8:06 AM	0.735	3.754	2.701
6/4/2021 8:12 AM	0.732	3.623	2.638
6/4/2021 8:18 AM	0.747	3.511	2.652
6/4/2021 8:24 AM	0.749	3.522	2.711
6/4/2021 8:30 AM	0.724	3.529	2.707
6/4/2021 8:36 AM	0.741	3.496	2.685
6/4/2021 8:42 AM	0.75	3.507	2.669
6/4/2021 8:48 AM	0.724	3.452	2.671
6/4/2021 8:54 AM	0.722	3.387	2.613
6/4/2021 9:00 AM	0.732	3.474	2.512
6/4/2021 9:06 AM	0.711	3.588	2.551
6/4/2021 9:12 AM	0.701	3.543	2.567
6/4/2021 9:18 AM	0.697	3.472	2.467

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/4/2021 9:24 AM	0.691	3.48	2.453
6/4/2021 9:30 AM	0.728	3.558	2.448
6/4/2021 9:36 AM	0.734	3.606	2.426
6/4/2021 9:42 AM	0.733	3.591	2.437
6/4/2021 9:48 AM	0.736	3.519	2.442
6/4/2021 9:54 AM	0.71	3.435	2.446
6/4/2021 10:00 AM	0.707	3.539	2.462
6/4/2021 10:06 AM	0.722	3.824	2.491
6/4/2021 10:12 AM	0.739	3.911	2.478
6/4/2021 10:18 AM	0.721	3.908	2.477
6/4/2021 10:24 AM	0.712	3.874	2.48
6/4/2021 10:30 AM	0.703	3.782	2.442
6/4/2021 10:36 AM	0.704	3.766	2.398
6/4/2021 10:42 AM	0.716	3.807	2.415
6/4/2021 10:48 AM	0.712	3.9	2.431
6/4/2021 10:54 AM	0.714	3.962	2.42
6/4/2021 11:00 AM	0.721	3.841	2.426
6/4/2021 11:06 AM	0.733	3.821	2.425
6/4/2021 11:12 AM	0.726	3.83	2.352
6/4/2021 11:18 AM	<Samp	<Samp	<Samp
6/4/2021 11:24 AM	Maintain	Maintain	Maintain
6/4/2021 11:30 AM	Maintain	Maintain	Maintain
6/4/2021 11:36 AM	Maintain	Maintain	Maintain
6/4/2021 11:42 AM	Maintain	Maintain	Maintain
6/4/2021 11:48 AM	Maintain	Maintain	Maintain
6/4/2021 11:54 AM	Maintain	Maintain	Maintain
6/4/2021 12:00 PM	Maintain	Maintain	Maintain
6/4/2021 12:06 PM	Maintain	Maintain	Maintain
6/4/2021 12:12 PM	Maintain	Maintain	Maintain
6/4/2021 12:18 PM	<Samp	<Samp	<Samp
6/4/2021 12:24 PM	0.756	3.552	2.276
6/4/2021 12:30 PM	0.742	3.541	2.294
6/4/2021 12:36 PM	0.719	3.647	2.308
6/4/2021 12:42 PM	0.726	3.753	2.297
6/4/2021 12:48 PM	0.746	3.785	2.307
6/4/2021 12:54 PM	0.749	3.861	2.309
6/4/2021 1:00 PM	0.735	3.881	2.32
6/4/2021 1:06 PM	0.736	3.805	2.324
6/4/2021 1:12 PM	0.745	3.782	2.308
6/4/2021 1:18 PM	0.714	3.895	2.313
6/4/2021 1:24 PM	0.72	3.868	2.324
6/4/2021 1:30 PM	0.708	3.761	2.305
6/4/2021 1:36 PM	0.628	3.802	2.342
6/4/2021 1:42 PM	0.56	3.737	2.389
6/4/2021 1:48 PM	0.544	3.768	2.364
6/4/2021 1:54 PM	0.551	3.799	2.338
6/4/2021 2:00 PM	0.544	3.822	2.322
6/4/2021 2:06 PM	0.571	3.808	2.342
6/4/2021 2:12 PM	0.582	3.931	2.533
6/4/2021 2:18 PM	0.609	4.016	2.627
6/4/2021 2:24 PM	0.653	3.978	2.585
6/4/2021 2:30 PM	0.686	4.03	2.599
6/4/2021 2:36 PM	0.705	4.1	2.575
6/4/2021 2:42 PM	0.713	4.144	2.569

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/4/2021 2:48 PM	0.716	4.085	2.557
6/4/2021 2:54 PM	0.712	4.067	2.701
6/4/2021 3:00 PM	0.873	4.349	3.291
6/4/2021 3:06 PM	1.189	4.225	3.566
6/4/2021 3:12 PM	1.33	5.97	3.71
6/4/2021 3:18 PM	4.581	6.576	3.724
6/4/2021 3:24 PM	6.237	5.992	4.223
6/4/2021 3:30 PM	3.115	5.892	4.346
6/4/2021 3:36 PM	2.236	5.797	4.15
6/4/2021 3:42 PM	2.245	5.916	4.031
6/4/2021 3:48 PM	2.454	5.668	3.906
6/4/2021 3:54 PM	2.194	5.21	3.959
6/4/2021 4:00 PM	2.28	5.089	3.957
6/4/2021 4:06 PM	2.395	5.227	3.867
6/4/2021 4:12 PM	2.268	5.278	3.822
6/4/2021 4:18 PM	2.326	5.095	3.814
6/4/2021 4:24 PM	1.891	4.979	3.713
6/4/2021 4:30 PM	1.474	5.016	3.656
6/4/2021 4:36 PM	1.45	5.145	3.583
6/4/2021 4:42 PM	1.462	5.233	3.512
6/4/2021 4:48 PM	1.453	5.094	3.498
6/4/2021 4:54 PM	1.381	4.984	3.541
6/4/2021 5:00 PM	1.287	4.96	3.518
6/4/2021 5:06 PM	1.277	4.84	3.541
6/4/2021 5:12 PM	1.237	4.789	3.56
6/4/2021 5:18 PM	1.173	4.89	3.516
6/4/2021 5:24 PM	1.133	4.982	3.541
6/4/2021 5:30 PM	1.121	5.007	3.521
6/4/2021 5:36 PM	1.098	5.002	3.489
6/4/2021 5:42 PM	1.01	4.783	3.471
6/4/2021 5:48 PM	0.964	4.751	3.429
6/4/2021 5:54 PM	0.668	4.821	3.342
6/4/2021 6:00 PM	0.215	4.587	3.327
6/4/2021 6:06 PM	0.05	3.672	2.482
6/4/2021 6:12 PM	0.233	3.561	1.856
6/4/2021 6:18 PM	0.367	3.75	2.057
6/4/2021 6:24 PM	0.289	4.019	2.215
6/4/2021 6:30 PM	-0.08	4.196	2.3
6/4/2021 6:36 PM	-0.324	4.08	2.356
6/4/2021 6:42 PM	-0.36	3.933	2.414
6/4/2021 6:48 PM	-0.329	3.876	2.443
6/4/2021 6:54 PM	-0.345	3.818	2.494
6/4/2021 7:00 PM	-0.307	3.773	2.544
6/4/2021 7:06 PM	-0.257	3.827	2.554
6/4/2021 7:12 PM	-0.283	3.742	2.55
6/4/2021 7:18 PM	-0.262	3.568	2.547
6/4/2021 7:24 PM	-0.237	3.483	2.534
6/4/2021 7:30 PM	-0.205	2.583	2.577
6/4/2021 7:36 PM	-0.177	0.885	2.594
6/4/2021 7:42 PM	-0.166	0.303	2.584
6/4/2021 7:48 PM	-0.18	0.317	2.629
6/4/2021 7:54 PM	-0.168	0.285	2.621
6/4/2021 8:00 PM	-0.133	0.301	2.614
6/4/2021 8:06 PM	-0.14	0.292	2.645

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/4/2021 8:12 PM	-0.138	0.239	2.633
6/4/2021 8:18 PM	-0.131	0.235	2.631
6/4/2021 8:24 PM	-0.122	0.219	2.639
6/4/2021 8:30 PM	-0.101	0.239	2.621
6/4/2021 8:36 PM	-0.072	0.246	2.638
6/4/2021 8:42 PM	-0.041	0.276	2.675
6/4/2021 8:48 PM	-0.039	0.287	2.67
6/4/2021 8:54 PM	-0.031	0.253	2.658
6/4/2021 9:00 PM	-0.002	0.271	2.649
6/4/2021 9:06 PM	0.01	0.311	2.685
6/4/2021 9:12 PM	-0.01	0.276	2.744
6/4/2021 9:18 PM	-0.004	0.216	2.751
6/4/2021 9:24 PM	0.022	0.206	2.759
6/4/2021 9:30 PM	0.035	0.202	2.779
6/4/2021 9:36 PM	0.053	0.215	2.79
6/4/2021 9:42 PM	0.062	0.218	2.773
6/4/2021 9:48 PM	0.093	0.197	2.78
6/4/2021 9:54 PM	0.091	0.243	2.79
6/4/2021 10:00 PM	0.115	0.249	2.76
6/4/2021 10:06 PM	0.096	0.282	2.765
6/4/2021 10:12 PM	0.078	0.313	2.789
6/4/2021 10:18 PM	0.101	0.233	2.788
6/4/2021 10:24 PM	0.126	0.254	2.79
6/4/2021 10:30 PM	0.136	0.278	2.844
6/4/2021 10:36 PM	0.158	0.275	2.851
6/4/2021 10:42 PM	0.189	0.243	2.803
6/4/2021 10:48 PM	0.199	0.24	2.794
6/4/2021 10:54 PM	0.172	0.252	2.807
6/4/2021 11:00 PM	0.137	0.259	2.795
6/4/2021 11:06 PM	0.158	0.229	2.766
6/4/2021 11:12 PM	0.173	0.208	2.754
6/4/2021 11:18 PM	0.179	0.257	2.786
6/4/2021 11:24 PM	0.212	0.291	2.806
6/4/2021 11:30 PM	0.236	0.26	2.82
6/4/2021 11:36 PM	0.225	0.236	2.813
6/4/2021 11:42 PM	0.278	0.285	2.813
6/4/2021 11:48 PM	0.243	0.25	2.824
6/4/2021 11:54 PM	0.218	0.237	2.852
6/5/2021 12:00 AM	0.268	0.272	2.891
6/5/2021 12:06 AM	0.268	0.293	2.884
6/5/2021 12:12 AM	0.279	0.277	2.865
6/5/2021 12:18 AM	0.321	0.26	2.874
6/5/2021 12:24 AM	0.311	0.272	2.877
6/5/2021 12:30 AM	0.291	0.255	2.886
6/5/2021 12:36 AM	0.258	0.229	2.876
6/5/2021 12:42 AM	0.254	0.233	2.854
6/5/2021 12:48 AM	0.284	0.265	2.821
6/5/2021 12:54 AM	0.311	0.281	2.791
6/5/2021 1:00 AM	0.308	0.313	2.8
6/5/2021 1:06 AM	0.314	0.296	2.814
6/5/2021 1:12 AM	0.325	0.277	2.843
6/5/2021 1:18 AM	0.324	0.288	2.848
6/5/2021 1:24 AM	0.334	0.27	2.78
6/5/2021 1:30 AM	0.314	0.235	2.761

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/5/2021 1:36 AM	0.338	0.194	2.771
6/5/2021 1:42 AM	0.391	0.252	2.805
6/5/2021 1:48 AM	0.384	0.291	2.821
6/5/2021 1:54 AM	0.372	0.311	2.788
6/5/2021 2:00 AM	0.376	0.333	2.778
6/5/2021 2:06 AM	0.396	0.286	2.799
6/5/2021 2:12 AM	0.395	0.313	2.886
6/5/2021 2:18 AM	0.413	0.344	2.996
6/5/2021 2:24 AM	0.437	0.328	2.999
6/5/2021 2:30 AM	0.457	0.356	3.027
6/5/2021 2:36 AM	0.443	0.389	2.977
6/5/2021 2:42 AM	0.438	0.373	2.943
6/5/2021 2:48 AM	0.438	0.365	2.905
6/5/2021 2:54 AM	0.425	0.373	2.879
6/5/2021 3:00 AM	0.427	0.349	2.877
6/5/2021 3:06 AM	0.426	0.404	2.862
6/5/2021 3:12 AM	0.437	0.401	2.837
6/5/2021 3:18 AM	0.436	0.349	2.855
6/5/2021 3:24 AM	0.423	0.362	2.904
6/5/2021 3:30 AM	0.409	0.396	2.956
6/5/2021 3:36 AM	0.419	0.407	2.995
6/5/2021 3:42 AM	0.411	0.391	3.038
6/5/2021 3:48 AM	0.361	0.371	3.054
6/5/2021 3:54 AM	0.379	0.373	3.026
6/5/2021 4:00 AM	0.379	0.39	3.006
6/5/2021 4:06 AM	0.397	0.393	2.986
6/5/2021 4:12 AM	0.39	0.368	2.988
6/5/2021 4:18 AM	0.392	0.355	3.002
6/5/2021 4:24 AM	0.358	0.347	3.014
6/5/2021 4:30 AM	0.372	0.353	2.991
6/5/2021 4:36 AM	0.377	0.351	2.916
6/5/2021 4:42 AM	0.384	0.37	2.884
6/5/2021 4:48 AM	0.405	0.363	2.909
6/5/2021 4:54 AM	0.392	0.343	2.952
6/5/2021 5:00 AM	0.382	0.361	3.034
6/5/2021 5:06 AM	0.397	0.389	3.07
6/5/2021 5:12 AM	0.381	0.349	2.961
6/5/2021 5:18 AM	0.376	0.318	2.937
6/5/2021 5:24 AM	0.374	0.316	2.932
6/5/2021 5:30 AM	0.355	0.323	2.917
6/5/2021 5:36 AM	0.354	0.334	2.936
6/5/2021 5:42 AM	0.387	0.339	2.934
6/5/2021 5:48 AM	0.428	0.341	2.926
6/5/2021 5:54 AM	0.446	0.297	2.979
6/5/2021 6:00 AM	0.475	0.296	3.009
6/5/2021 6:06 AM	0.513	0.292	2.979
6/5/2021 6:12 AM	0.524	0.306	3.027
6/5/2021 6:18 AM	0.532	0.322	3.018
6/5/2021 6:24 AM	0.541	0.304	2.955
6/5/2021 6:30 AM	0.528	0.301	2.902
6/5/2021 6:36 AM	0.509	0.264	2.877
6/5/2021 6:42 AM	0.509	0.226	2.888
6/5/2021 6:48 AM	0.514	0.22	2.876
6/5/2021 6:54 AM	0.534	0.259	2.965

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/5/2021 7:00 AM	0.566	0.26	3.078
6/5/2021 7:06 AM	0.601	0.264	3.067
6/5/2021 7:12 AM	0.626	0.282	3.105
6/5/2021 7:18 AM	0.63	0.239	3.103
6/5/2021 7:24 AM	0.651	0.233	2.942
6/5/2021 7:30 AM	0.659	0.222	2.889
6/5/2021 7:36 AM	0.68	0.232	2.921
6/5/2021 7:42 AM	0.71	0.269	2.94
6/5/2021 7:48 AM	0.742	0.267	3.045
6/5/2021 7:54 AM	0.747	0.248	3.098
6/5/2021 8:00 AM	0.753	0.24	3.07
6/5/2021 8:06 AM	0.771	0.248	3.161
6/5/2021 8:12 AM	0.772	0.267	3.545
6/5/2021 8:18 AM	0.784	0.264	3.614
6/5/2021 8:24 AM	0.791	12.178	3.478
6/5/2021 8:30 AM	0.827	19.436	2.636
6/5/2021 8:36 AM	0.837	12.457	1.715
6/5/2021 8:42 AM	0.856	9.526	2.258
6/5/2021 8:48 AM	0.859	7.888	2.649
6/5/2021 8:54 AM	0.816	7.181	2.675
6/5/2021 9:00 AM	0.765	6.533	2.706
6/5/2021 9:06 AM	0.737	6.495	2.719
6/5/2021 9:12 AM	0.695	6.598	2.769
6/5/2021 9:18 AM	0.626	6.432	2.699
6/5/2021 9:24 AM	0.576	6.191	2.668
6/5/2021 9:30 AM	0.502	5.351	2.484
6/5/2021 9:36 AM	0.456	4.316	2.142
6/5/2021 9:42 AM	0.444	4.206	2.064
6/5/2021 9:48 AM	0.426	4.204	2.202
6/5/2021 9:54 AM	0.407	4.219	2.262
6/5/2021 10:00 AM	0.415	4.183	2.318
6/5/2021 10:06 AM	0.405	4.179	2.346
6/5/2021 10:12 AM	0.424	4.146	2.363
6/5/2021 10:18 AM	0.422	4.143	2.387
6/5/2021 10:24 AM	0.452	4.16	2.38
6/5/2021 10:30 AM	0.525	4.13	2.383
6/5/2021 10:36 AM	0.546	4.106	2.404
6/5/2021 10:42 AM	0.596	4.073	2.412
6/5/2021 10:48 AM	0.64	4.013	2.41
6/5/2021 10:54 AM	0.65	3.974	2.407
6/5/2021 11:00 AM	0.695	3.947	2.41
6/5/2021 11:06 AM	0.706	3.97	2.429
6/5/2021 11:12 AM	0.697	4.08	2.414
6/5/2021 11:18 AM	0.723	4.055	2.465
6/5/2021 11:24 AM	0.759	4.066	2.475
6/5/2021 11:30 AM	0.75	4.086	2.442
6/5/2021 11:36 AM	0.702	4.012	2.442
6/5/2021 11:42 AM	0.666	3.926	2.45
6/5/2021 11:48 AM	0.625	3.873	2.445
6/5/2021 11:54 AM	0.597	3.79	2.452
6/5/2021 12:00 PM	0.663	3.859	2.49
6/5/2021 12:06 PM	0.882	4.282	2.581
6/5/2021 12:12 PM	0.876	4.417	2.782
6/5/2021 12:18 PM	0.903	4.33	2.841

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/5/2021 12:24 PM	0.944	4.092	2.785
6/5/2021 12:30 PM	0.97	4.094	2.776
6/5/2021 12:36 PM	1.011	4.179	2.777
6/5/2021 12:42 PM	1.044	4.162	2.721
6/5/2021 12:48 PM	1.051	4.102	2.723
6/5/2021 12:54 PM	1.077	4.034	2.708
6/5/2021 1:00 PM	1.111	3.987	2.689
6/5/2021 1:06 PM	1.129	4.049	2.646
6/5/2021 1:12 PM	1.125	3.992	2.5
6/5/2021 1:18 PM	1.153	4.059	2.418
6/5/2021 1:24 PM	1.173	4.123	2.496
6/5/2021 1:30 PM	1.144	4.049	2.548
6/5/2021 1:36 PM	1.062	4.097	2.55
6/5/2021 1:42 PM	1.012	4.13	2.586
6/5/2021 1:48 PM	0.999	4.082	2.603
6/5/2021 1:54 PM	0.964	4.14	2.596
6/5/2021 2:00 PM	0.984	4.132	2.617
6/5/2021 2:06 PM	1.007	4.095	2.638
6/5/2021 2:12 PM	1.029	4.053	2.635
6/5/2021 2:18 PM	1.036	4.062	2.623
6/5/2021 2:24 PM	1.039	4.128	2.605
6/5/2021 2:30 PM	1.042	4.081	2.626
6/5/2021 2:36 PM	1.028	4.031	2.666
6/5/2021 2:42 PM	1.062	4.016	2.743
6/5/2021 2:48 PM	1.082	4.052	2.749
6/5/2021 2:54 PM	1.106	4.13	2.695
6/5/2021 3:00 PM	1.118	4.101	2.737
6/5/2021 3:06 PM	1.111	4.071	2.721
6/5/2021 3:12 PM	1.098	4.03	2.721
6/5/2021 3:18 PM	1.083	3.954	2.718
6/5/2021 3:24 PM	1.073	3.972	2.717
6/5/2021 3:30 PM	1.066	4.051	2.706
6/5/2021 3:36 PM	1.073	3.942	2.732
6/5/2021 3:42 PM	1.089	4.012	2.719
6/5/2021 3:48 PM	1.084	4.122	2.685
6/5/2021 3:54 PM	1.064	4.076	2.693
6/5/2021 4:00 PM	1.054	4.061	2.64
6/5/2021 4:06 PM	1.038	4.182	2.615
6/5/2021 4:12 PM	1.046	4.165	2.593
6/5/2021 4:18 PM	1.036	4.104	2.574
6/5/2021 4:24 PM	1.038	4.002	2.581
6/5/2021 4:30 PM	1.052	4.08	2.62
6/5/2021 4:36 PM	1.045	4.125	2.667
6/5/2021 4:42 PM	1.043	4.026	2.638
6/5/2021 4:48 PM	1.043	4.123	2.639
6/5/2021 4:54 PM	1.059	4.08	2.676
6/5/2021 5:00 PM	1.086	4.133	2.709
6/5/2021 5:06 PM	1.105	4.239	2.702
6/5/2021 5:12 PM	1.096	4.226	2.698
6/5/2021 5:18 PM	1.075	4.234	2.651
6/5/2021 5:24 PM	1.1	4.204	2.618
6/5/2021 5:30 PM	1.114	4.191	2.647
6/5/2021 5:36 PM	1.12	4.165	2.618
6/5/2021 5:42 PM	1.15	4.084	2.602

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/5/2021 5:48 PM	1.15	4.111	2.606
6/5/2021 5:54 PM	1.158	4.192	2.6
6/5/2021 6:00 PM	1.18	4.305	2.599
6/5/2021 6:06 PM	1.202	4.234	2.605
6/5/2021 6:12 PM	1.229	4.083	2.626
6/5/2021 6:18 PM	1.237	4.036	2.63
6/5/2021 6:24 PM	1.23	4.148	2.642
6/5/2021 6:30 PM	1.243	4.125	2.655
6/5/2021 6:36 PM	1.251	4.042	2.643
6/5/2021 6:42 PM	1.249	4.062	2.639
6/5/2021 6:48 PM	1.236	4.11	2.65
6/5/2021 6:54 PM	1.24	4.168	2.656
6/5/2021 7:00 PM	1.23	4.178	2.694
6/5/2021 7:06 PM	1.218	4.026	2.7
6/5/2021 7:12 PM	1.215	3.953	2.715
6/5/2021 7:18 PM	1.213	3.977	2.713
6/5/2021 7:24 PM	1.221	3.956	2.739
6/5/2021 7:30 PM	1.228	3.944	2.774
6/5/2021 7:36 PM	1.227	4.005	2.787
6/5/2021 7:42 PM	1.226	4.031	2.768
6/5/2021 7:48 PM	1.218	4.065	2.691
6/5/2021 7:54 PM	1.199	4.148	2.654
6/5/2021 8:00 PM	1.209	4.051	2.637
6/5/2021 8:06 PM	1.212	3.916	2.641
6/5/2021 8:12 PM	1.195	3.91	2.688
6/5/2021 8:18 PM	1.195	3.926	2.724
6/5/2021 8:24 PM	1.193	3.937	2.684
6/5/2021 8:30 PM	1.187	3.872	2.67
6/5/2021 8:36 PM	1.164	3.956	2.716
6/5/2021 8:42 PM	1.152	4.053	2.723
6/5/2021 8:48 PM	1.164	4.077	2.69
6/5/2021 8:54 PM	1.15	3.928	2.665
6/5/2021 9:00 PM	1.129	4.054	2.68
6/5/2021 9:06 PM	1.119	4.397	2.678
6/5/2021 9:12 PM	1.108	4.514	2.663
6/5/2021 9:18 PM	1.095	4.458	2.655
6/5/2021 9:24 PM	1.077	4.508	2.641
6/5/2021 9:30 PM	1.058	4.557	2.644
6/5/2021 9:36 PM	1.057	4.428	2.669
6/5/2021 9:42 PM	1.051	4.423	2.673
6/5/2021 9:48 PM	1.039	4.481	2.698
6/5/2021 9:54 PM	1.016	4.432	2.69
6/5/2021 10:00 PM	1.002	4.425	2.675
6/5/2021 10:06 PM	1.005	4.47	2.648
6/5/2021 10:12 PM	1.009	4.367	2.666
6/5/2021 10:18 PM	1.002	4.39	2.64
6/5/2021 10:24 PM	1.004	4.44	2.632
6/5/2021 10:30 PM	1.002	4.458	2.712
6/5/2021 10:36 PM	1.003	4.474	2.739
6/5/2021 10:42 PM	0.999	4.481	2.687
6/5/2021 10:48 PM	0.991	4.463	2.718
6/5/2021 10:54 PM	0.99	4.535	2.724
6/5/2021 11:00 PM	0.979	4.512	2.715
6/5/2021 11:06 PM	0.98	4.393	2.697

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/5/2021 11:12 PM	0.971	4.319	2.642
6/5/2021 11:18 PM	0.966	4.333	2.657
6/5/2021 11:24 PM	0.97	4.338	2.668
6/5/2021 11:30 PM	0.964	4.356	2.673
6/5/2021 11:36 PM	0.956	4.365	2.682
6/5/2021 11:42 PM	0.961	4.381	2.686
6/5/2021 11:48 PM	0.97	4.458	2.693
6/5/2021 11:54 PM	0.964	4.43	2.685
6/6/2021 12:00 AM	0.971	4.36	2.717
6/6/2021 12:06 AM	0.955	4.276	2.758
6/6/2021 12:12 AM	0.947	4.216	2.771
6/6/2021 12:18 AM	0.944	4.126	2.793
6/6/2021 12:24 AM	0.938	4.081	2.803
6/6/2021 12:30 AM	0.938	4.085	2.795
6/6/2021 12:36 AM	0.932	4.12	2.784
6/6/2021 12:42 AM	0.921	4.224	2.678
6/6/2021 12:48 AM	0.94	4.506	1.327
6/6/2021 12:54 AM	0.959	4.496	0.648
6/6/2021 1:00 AM	0.96	4.339	0.678
6/6/2021 1:06 AM	0.971	4.292	0.693
6/6/2021 1:12 AM	0.968	4.253	0.684
6/6/2021 1:18 AM	0.96	4.307	0.7
6/6/2021 1:24 AM	0.961	4.382	0.699
6/6/2021 1:30 AM	0.942	4.333	0.688
6/6/2021 1:36 AM	0.924	4.328	0.691
6/6/2021 1:42 AM	0.921	4.234	0.698
6/6/2021 1:48 AM	0.898	4.243	0.7
6/6/2021 1:54 AM	0.866	4.218	0.7
6/6/2021 2:00 AM	0.857	4.171	0.693
6/6/2021 2:06 AM	0.865	4.109	0.711
6/6/2021 2:12 AM	0.857	4.191	0.708
6/6/2021 2:18 AM	0.846	4.217	0.715
6/6/2021 2:24 AM	0.831	4.207	0.722
6/6/2021 2:30 AM	0.814	4.212	0.728
6/6/2021 2:36 AM	0.824	4.238	0.72
6/6/2021 2:42 AM	0.837	4.205	0.723
6/6/2021 2:48 AM	0.834	4.139	0.725
6/6/2021 2:54 AM	0.829	4.026	0.715
6/6/2021 3:00 AM	0.835	4.118	0.71
6/6/2021 3:06 AM	0.837	4.299	0.699
6/6/2021 3:12 AM	0.844	4.28	0.69
6/6/2021 3:18 AM	0.848	4.218	0.709
6/6/2021 3:24 AM	0.848	4.257	0.71
6/6/2021 3:30 AM	0.856	4.193	0.703
6/6/2021 3:36 AM	0.859	4.246	0.709
6/6/2021 3:42 AM	0.868	4.321	0.698
6/6/2021 3:48 AM	0.87	4.255	0.704
6/6/2021 3:54 AM	0.862	4.176	0.717
6/6/2021 4:00 AM	0.862	4.183	0.718
6/6/2021 4:06 AM	0.854	4.125	0.718
6/6/2021 4:12 AM	0.846	4.174	0.709
6/6/2021 4:18 AM	0.84	4.321	0.712
6/6/2021 4:24 AM	0.836	4.316	0.72
6/6/2021 4:30 AM	0.825	4.162	0.714

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/6/2021 4:36 AM	0.82	4.108	0.723
6/6/2021 4:42 AM	0.815	4.2	0.731
6/6/2021 4:48 AM	0.797	4.246	0.715
6/6/2021 4:54 AM	0.765	4.274	0.725
6/6/2021 5:00 AM	0.722	4.313	0.727
6/6/2021 5:06 AM	0.699	4.388	0.721
6/6/2021 5:12 AM	0.675	4.394	0.731
6/6/2021 5:18 AM	0.668	4.346	0.741
6/6/2021 5:24 AM	0.684	4.32	0.731
6/6/2021 5:30 AM	0.678	4.299	0.732
6/6/2021 5:36 AM	0.684	4.186	0.737
6/6/2021 5:42 AM	0.714	4.175	0.738
6/6/2021 5:48 AM	0.736	4.191	0.725
6/6/2021 5:54 AM	0.762	4.284	0.717
6/6/2021 6:00 AM	0.789	4.307	0.715
6/6/2021 6:06 AM	0.82	4.139	0.721
6/6/2021 6:12 AM	0.862	4.092	0.726
6/6/2021 6:18 AM	0.892	4.194	0.722
6/6/2021 6:24 AM	0.906	4.271	0.721
6/6/2021 6:30 AM	0.911	4.901	0.721
6/6/2021 6:36 AM	0.906	5.478	0.714
6/6/2021 6:42 AM	0.907	5.272	0.713
6/6/2021 6:48 AM	0.912	5.25	0.7
6/6/2021 6:54 AM	0.928	5.213	0.692
6/6/2021 7:00 AM	0.946	5.193	0.691
6/6/2021 7:06 AM	0.969	5	0.686
6/6/2021 7:12 AM	0.989	5.015	0.683
6/6/2021 7:18 AM	1.011	5.032	0.681
6/6/2021 7:24 AM	1.035	4.88	0.686
6/6/2021 7:30 AM	1.054	4.814	0.687
6/6/2021 7:36 AM	1.071	4.773	0.682
6/6/2021 7:42 AM	1.085	4.754	0.685
6/6/2021 7:48 AM	1.106	4.787	0.691
6/6/2021 7:54 AM	1.118	4.798	0.69
6/6/2021 8:00 AM	1.13	4.767	0.7
6/6/2021 8:06 AM	1.163	4.866	0.712
6/6/2021 8:12 AM	1.193	4.849	0.71
6/6/2021 8:18 AM	1.22	5.039	0.706
6/6/2021 8:24 AM	1.244	5.214	0.711
6/6/2021 8:30 AM	1.264	5.102	0.728
6/6/2021 8:36 AM	1.281	5.505	0.73
6/6/2021 8:42 AM	1.28	6.017	0.738
6/6/2021 8:48 AM	1.292	5.919	0.746
6/6/2021 8:54 AM	1.29	5.828	0.745
6/6/2021 9:00 AM	1.254	5.878	0.744
6/6/2021 9:06 AM	1.194	5.856	0.749
6/6/2021 9:12 AM	1.128	5.933	0.761
6/6/2021 9:18 AM	2.268	5.901	0.771
6/6/2021 9:24 AM	9.82	5.884	0.777
6/6/2021 9:30 AM	7.452	5.38	0.783
6/6/2021 9:36 AM	4.806	4.692	0.789
6/6/2021 9:42 AM	4.234	4.791	0.798
6/6/2021 9:48 AM	4.181	5.078	0.804
6/6/2021 9:54 AM	3.8	5.141	0.809

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/6/2021 10:00 AM	2.714	4.883	0.81
6/6/2021 10:06 AM	1.7	4.569	0.808
6/6/2021 10:12 AM	1.559	4.212	0.809
6/6/2021 10:18 AM	1.519	3.995	0.815
6/6/2021 10:24 AM	1.552	3.992	0.821
6/6/2021 10:30 AM	1.583	4.027	0.816
6/6/2021 10:36 AM	1.593	4.019	0.816
6/6/2021 10:42 AM	1.624	3.977	0.826
6/6/2021 10:48 AM	1.631	3.96	0.822
6/6/2021 10:54 AM	1.616	4.009	0.829
6/6/2021 11:00 AM	1.575	4.094	0.833
6/6/2021 11:06 AM	1.444	4.145	0.835
6/6/2021 11:12 AM	1.313	4.197	0.832
6/6/2021 11:18 AM	1.218	4.052	0.84
6/6/2021 11:24 AM	1.15	4.024	0.842
6/6/2021 11:30 AM	1.162	4.002	0.846
6/6/2021 11:36 AM	1.259	4.075	0.851
6/6/2021 11:42 AM	1.334	4.04	0.846
6/6/2021 11:48 AM	1.395	4	0.847
6/6/2021 11:54 AM	1.439	4.114	0.851
6/6/2021 12:00 PM	1.429	4.164	0.866
6/6/2021 12:06 PM	1.381	4.153	0.914
6/6/2021 12:12 PM	1.375	4.247	0.91
6/6/2021 12:18 PM	1.345	4.372	0.909
6/6/2021 12:24 PM	1.35	4.402	0.913
6/6/2021 12:30 PM	1.335	4.283	0.924
6/6/2021 12:36 PM	1.205	4.376	0.936
6/6/2021 12:42 PM	0.881	4.235	0.939
6/6/2021 12:48 PM	0.709	4.029	0.937
6/6/2021 12:54 PM	0.76	4.015	0.93
6/6/2021 1:00 PM	0.799	3.973	0.93
6/6/2021 1:06 PM	0.81	3.82	0.94
6/6/2021 1:12 PM	0.83	3.875	0.952
6/6/2021 1:18 PM	0.874	3.994	0.957
6/6/2021 1:24 PM	0.876	4.07	0.961
6/6/2021 1:30 PM	0.871	4.051	0.968
6/6/2021 1:36 PM	0.896	4.029	0.973
6/6/2021 1:42 PM	0.931	4.202	0.975
6/6/2021 1:48 PM	0.945	4.224	0.979
6/6/2021 1:54 PM	0.937	4.065	0.984
6/6/2021 2:00 PM	0.94	4.115	0.992
6/6/2021 2:06 PM	0.973	4.09	0.996
6/6/2021 2:12 PM	1.005	4.088	1
6/6/2021 2:18 PM	0.994	4.17	1.003
6/6/2021 2:24 PM	0.975	4.269	1.003
6/6/2021 2:30 PM	0.984	4.348	0.996
6/6/2021 2:36 PM	1.024	4.291	0.994
6/6/2021 2:42 PM	1.068	4.349	1.003
6/6/2021 2:48 PM	1.094	4.352	1.013
6/6/2021 2:54 PM	1.086	4.331	1.018
6/6/2021 3:00 PM	1.106	4.192	1.026
6/6/2021 3:06 PM	1.197	4.037	1.033
6/6/2021 3:12 PM	1.256	4.058	1.037
6/6/2021 3:18 PM	1.297	4.082	1.039

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/6/2021 3:24 PM	1.326	4.218	1.044
6/6/2021 3:30 PM	1.312	4.136	1.048
6/6/2021 3:36 PM	1.293	4.072	1.045
6/6/2021 3:42 PM	1.274	4.051	1.045
6/6/2021 3:48 PM	1.228	3.976	1.048
6/6/2021 3:54 PM	1.204	4	1.049
6/6/2021 4:00 PM	1.194	4.068	1.052
6/6/2021 4:06 PM	1.168	4.153	1.054
6/6/2021 4:12 PM	1.175	4.164	1.058
6/6/2021 4:18 PM	1.2	4.206	1.06
6/6/2021 4:24 PM	1.195	4.296	1.062
6/6/2021 4:30 PM	1.198	4.283	1.067
6/6/2021 4:36 PM	1.209	4.106	1.071
6/6/2021 4:42 PM	1.22	3.989	1.074
6/6/2021 4:48 PM	1.223	4.251	1.076
6/6/2021 4:54 PM	1.237	4.412	1.078
6/6/2021 5:00 PM	1.262	4.445	1.086
6/6/2021 5:06 PM	1.262	4.394	1.09
6/6/2021 5:12 PM	1.157	4.38	1.086
6/6/2021 5:18 PM	1.03	4.421	1.088
6/6/2021 5:24 PM	0.986	4.315	1.093
6/6/2021 5:30 PM	0.956	4.105	1.099
6/6/2021 5:36 PM	0.968	4.116	1.1
6/6/2021 5:42 PM	0.96	4.325	1.1
6/6/2021 5:48 PM	0.965	4.487	1.102
6/6/2021 5:54 PM	1.035	4.577	1.103
6/6/2021 6:00 PM	1.088	4.628	1.103
6/6/2021 6:06 PM	1.123	4.581	1.104
6/6/2021 6:12 PM	1.138	4.519	1.108
6/6/2021 6:18 PM	1.115	4.657	1.114
6/6/2021 6:24 PM	1.124	4.547	1.123
6/6/2021 6:30 PM	1.108	4.42	1.125
6/6/2021 6:36 PM	1.091	4.561	1.127
6/6/2021 6:42 PM	1.104	4.506	1.135
6/6/2021 6:48 PM	1.13	4.505	1.146
6/6/2021 6:54 PM	1.135	4.473	1.147
6/6/2021 7:00 PM	1.142	4.43	1.147
6/6/2021 7:06 PM	1.085	4.417	1.149
6/6/2021 7:12 PM	0.909	4.361	1.151
6/6/2021 7:18 PM	0.877	4.457	1.156
6/6/2021 7:24 PM	0.876	4.585	1.156
6/6/2021 7:30 PM	0.835	4.655	1.154
6/6/2021 7:36 PM	0.795	4.679	1.155
6/6/2021 7:42 PM	0.791	4.544	1.159
6/6/2021 7:48 PM	0.787	4.508	1.163
6/6/2021 7:54 PM	0.761	4.475	1.164
6/6/2021 8:00 PM	0.713	4.39	1.164
6/6/2021 8:06 PM	0.717	4.309	1.172
6/6/2021 8:12 PM	0.716	4.285	1.173
6/6/2021 8:18 PM	0.719	4.226	1.178
6/6/2021 8:24 PM	0.764	4.348	1.183
6/6/2021 8:30 PM	0.771	4.465	1.189
6/6/2021 8:36 PM	0.774	4.444	1.197
6/6/2021 8:42 PM	0.802	4.434	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 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/6/2021 8:48 PM	0.839	4.441	1.202
6/6/2021 8:54 PM	0.836	4.327	1.207
6/6/2021 9:00 PM	0.852	4.239	1.213
6/6/2021 9:06 PM	0.842	4.311	1.206
6/6/2021 9:12 PM	0.858	4.448	1.209
6/6/2021 9:18 PM	0.852	4.427	1.22
6/6/2021 9:24 PM	0.816	4.407	1.223
6/6/2021 9:30 PM	0.817	4.379	1.223
6/6/2021 9:36 PM	0.821	4.404	1.22
6/6/2021 9:42 PM	0.787	4.389	1.222
6/6/2021 9:48 PM	0.743	4.394	1.228
6/6/2021 9:54 PM	0.749	4.296	1.227
6/6/2021 10:00 PM	0.733	4.212	1.224
6/6/2021 10:06 PM	0.75	4.342	1.223
6/6/2021 10:12 PM	0.77	4.35	1.223
6/6/2021 10:18 PM	0.768	4.192	1.227
6/6/2021 10:24 PM	0.762	4.123	1.231
6/6/2021 10:30 PM	0.729	4.228	1.23
6/6/2021 10:36 PM	0.695	4.249	1.229
6/6/2021 10:42 PM	0.727	4.201	1.228
6/6/2021 10:48 PM	0.73	4.216	1.229
6/6/2021 10:54 PM	0.692	4.265	1.235
6/6/2021 11:00 PM	0.694	4.336	1.237
6/6/2021 11:06 PM	0.743	4.406	1.237
6/6/2021 11:12 PM	0.779	4.378	1.239
6/6/2021 11:18 PM	0.783	4.229	1.239
6/6/2021 11:24 PM	0.767	4.146	1.243
6/6/2021 11:30 PM	0.778	4.165	1.245
6/6/2021 11:36 PM	0.757	4.201	1.247
6/6/2021 11:42 PM	0.741	4.156	1.248
6/6/2021 11:48 PM	0.716	4.126	1.249
6/6/2021 11:54 PM	0.708	4.053	1.251
6/7/2021 12:00 AM	0.702	3.97	1.252
6/7/2021 12:06 AM	0.727	3.908	1.255
6/7/2021 12:12 AM	0.707	3.984	1.255
6/7/2021 12:18 AM	0.664	3.906	1.256
6/7/2021 12:24 AM	0.651	3.901	1.256
6/7/2021 12:30 AM	0.653	4.045	1.255
6/7/2021 12:36 AM	0.658	4.132	1.259
6/7/2021 12:42 AM	0.701	4.115	1.262
6/7/2021 12:48 AM	0.691	4.059	1.262
6/7/2021 12:54 AM	0.715	3.76	1.263
6/7/2021 1:00 AM	0.949	3.182	1.262
6/7/2021 1:06 AM	1.021	1.832	1.261
6/7/2021 1:12 AM	0.946	0.731	1.263
6/7/2021 1:18 AM	0.885	0.69	1.262
6/7/2021 1:24 AM	0.891	0.71	1.264
6/7/2021 1:30 AM	0.906	0.692	1.267
6/7/2021 1:36 AM	0.908	0.695	1.269
6/7/2021 1:42 AM	0.869	0.695	1.275
6/7/2021 1:48 AM	0.876	0.631	1.277
6/7/2021 1:54 AM	0.951	0.625	1.279
6/7/2021 2:00 AM	0.948	0.661	1.279
6/7/2021 2:06 AM	0.891	0.634	1.28

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/7/2021 2:12 AM	0.803	0.62	1.281
6/7/2021 2:18 AM	0.796	0.607	1.282
6/7/2021 2:24 AM	0.828	0.593	1.286
6/7/2021 2:30 AM	0.817	0.579	1.287
6/7/2021 2:36 AM	0.8	0.579	1.289
6/7/2021 2:42 AM	0.769	0.61	1.288
6/7/2021 2:48 AM	0.711	0.623	1.284
6/7/2021 2:54 AM	0.704	0.588	1.282
6/7/2021 3:00 AM	0.698	0.598	1.283
6/7/2021 3:06 AM	0.706	0.632	1.281
6/7/2021 3:12 AM	0.706	0.625	1.285
6/7/2021 3:18 AM	0.673	0.603	1.29
6/7/2021 3:24 AM	0.672	0.631	1.291
6/7/2021 3:30 AM	0.67	0.591	1.292
6/7/2021 3:36 AM	0.646	0.603	1.291
6/7/2021 3:42 AM	0.692	0.625	1.295
6/7/2021 3:48 AM	0.667	0.623	1.298
6/7/2021 3:54 AM	0.637	0.624	1.3
6/7/2021 4:00 AM	0.639	0.642	1.302
6/7/2021 4:06 AM	0.626	0.667	1.306
6/7/2021 4:12 AM	0.624	0.649	1.309
6/7/2021 4:18 AM	0.614	0.646	1.308
6/7/2021 4:24 AM	0.59	0.638	1.31
6/7/2021 4:30 AM	0.569	0.639	1.312
6/7/2021 4:36 AM	0.616	0.665	1.313
6/7/2021 4:42 AM	0.633	0.701	1.313
6/7/2021 4:48 AM	0.603	0.705	1.313
6/7/2021 4:54 AM	0.588	0.717	1.312
6/7/2021 5:00 AM	0.609	0.695	1.312
6/7/2021 5:06 AM	0.69	0.691	1.31
6/7/2021 5:12 AM	0.771	0.692	1.31
6/7/2021 5:18 AM	0.748	0.713	1.312
6/7/2021 5:24 AM	0.669	0.737	1.312
6/7/2021 5:30 AM	0.647	0.712	1.313
6/7/2021 5:36 AM	0.623	0.687	1.313
6/7/2021 5:42 AM	0.627	0.711	1.313
6/7/2021 5:48 AM	0.648	0.744	1.312
6/7/2021 5:54 AM	0.694	0.734	1.306
6/7/2021 6:00 AM	0.713	0.705	1.305
6/7/2021 6:06 AM	0.761	0.667	1.304
6/7/2021 6:12 AM	0.8	0.657	1.3
6/7/2021 6:18 AM	0.828	0.654	1.296
6/7/2021 6:24 AM	0.851	0.629	1.298
6/7/2021 6:30 AM	0.879	0.653	1.301
6/7/2021 6:36 AM	0.885	0.686	1.299
6/7/2021 6:42 AM	0.889	0.722	1.293
6/7/2021 6:48 AM	0.879	0.675	1.287
6/7/2021 6:54 AM	0.885	0.622	1.282
6/7/2021 7:00 AM	0.951	0.652	1.272
6/7/2021 7:06 AM	0.96	0.656	1.259
6/7/2021 7:12 AM	0.967	0.67	1.248
6/7/2021 7:18 AM	0.968	6.505	1.244
6/7/2021 7:24 AM	0.83	18.928	1.241
6/7/2021 7:30 AM	0.634	18.174	1.236

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/7/2021 7:36 AM	0.55	11.772	1.233
6/7/2021 7:42 AM	0.49	9.959	1.233
6/7/2021 7:48 AM	0.467	9.017	1.238
6/7/2021 7:54 AM	0.487	8.567	1.241
6/7/2021 8:00 AM	0.537	8.105	1.243
6/7/2021 8:06 AM	0.664	7.229	1.245
6/7/2021 8:12 AM	0.69	7.4	1.246
6/7/2021 8:18 AM	0.654	8.129	1.244
6/7/2021 8:24 AM	0.672	7.323	1.236
6/7/2021 8:30 AM	0.701	6.686	1.231
6/7/2021 8:36 AM	0.692	6.155	1.228
6/7/2021 8:42 AM	0.582	5.321	1.227
6/7/2021 8:48 AM	0.561	4.582	1.228
6/7/2021 8:54 AM	0.656	4.686	1.229
6/7/2021 9:00 AM	0.701	4.825	1.227
6/7/2021 9:06 AM	0.732	4.816	1.214
6/7/2021 9:12 AM	0.737	4.83	1.211
6/7/2021 9:18 AM	0.725	4.863	1.218
6/7/2021 9:24 AM	0.725	4.79	1.22
6/7/2021 9:30 AM	0.723	4.728	1.223
6/7/2021 9:36 AM	0.721	4.727	1.229
6/7/2021 9:42 AM	0.7	4.616	1.237
6/7/2021 9:48 AM	0.655	4.628	1.243
6/7/2021 9:54 AM	0.598	4.666	1.249
6/7/2021 10:00 AM	0.598	4.75	1.25
6/7/2021 10:06 AM	0.604	4.713	1.249
6/7/2021 10:12 AM	0.629	4.672	1.25
6/7/2021 10:18 AM	0.616	4.658	1.249
6/7/2021 10:24 AM	0.609	4.707	1.248
6/7/2021 10:30 AM	0.615	4.737	1.245
6/7/2021 10:36 AM	0.6	4.692	1.241
6/7/2021 10:42 AM	0.619	4.672	1.242
6/7/2021 10:48 AM	0.64	4.68	1.243
6/7/2021 10:54 AM	0.626	4.692	1.243
6/7/2021 11:00 AM	0.613	4.666	1.245
6/7/2021 11:06 AM	0.617	4.602	1.245
6/7/2021 11:12 AM	0.636	4.621	1.245
6/7/2021 11:18 AM	0.689	4.786	1.244
6/7/2021 11:24 AM	0.719	4.848	1.241
6/7/2021 11:30 AM	0.708	4.769	1.238
6/7/2021 11:36 AM	0.714	4.704	1.235
6/7/2021 11:42 AM	0.705	4.657	1.233
6/7/2021 11:48 AM	0.7	4.622	1.235
6/7/2021 11:54 AM	0.726	4.58	1.236
6/7/2021 12:00 PM	0.678	4.502	1.23
6/7/2021 12:06 PM	0.427	4.42	1.209
6/7/2021 12:12 PM	0.398	4.515	1.212
6/7/2021 12:18 PM	0.37	4.492	1.215
6/7/2021 12:24 PM	0.391	4.499	1.218
6/7/2021 12:30 PM	0.402	4.512	1.22
6/7/2021 12:36 PM	0.391	4.553	1.224
6/7/2021 12:42 PM	0.425	4.507	1.223
6/7/2021 12:48 PM	0.439	4.367	1.219
6/7/2021 12:54 PM	0.461	4.364	1.213

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/7/2021 1:00 PM	0.454	4.395	1.211
6/7/2021 1:06 PM	0.437	4.351	1.209
6/7/2021 1:12 PM	0.432	4.445	1.21
6/7/2021 1:18 PM	0.412	4.495	1.209
6/7/2021 1:24 PM	0.456	2.925	1.209
6/7/2021 1:30 PM	1.256	5.255	1.208
6/7/2021 1:36 PM	1.385	7.685	1.207
6/7/2021 1:42 PM	0.671	5.237	1.209
6/7/2021 1:48 PM	0.562	4.704	1.212
6/7/2021 1:54 PM	0.492	4.604	1.214
6/7/2021 2:00 PM	0.435	4.656	1.216
6/7/2021 2:06 PM	0.444	4.526	1.223
6/7/2021 2:12 PM	0.388	4.44	1.229
6/7/2021 2:18 PM	0.36	4.438	1.232
6/7/2021 2:24 PM	0.353	4.432	1.231
6/7/2021 2:30 PM	0.375	4.361	1.236
6/7/2021 2:36 PM	0.561	4.302	1.24
6/7/2021 2:42 PM	0.88	4.216	1.276
6/7/2021 2:48 PM	1.132	4.081	1.358
6/7/2021 2:54 PM	1.15	4.077	1.399
6/7/2021 3:00 PM	1.075	4.136	1.388
6/7/2021 3:06 PM	0.958	4.197	1.369
6/7/2021 3:12 PM	0.868	4.41	1.351
6/7/2021 3:18 PM	0.864	4.565	1.337
6/7/2021 3:24 PM	1.052	4.483	1.319
6/7/2021 3:30 PM	1.161	4.384	1.31
6/7/2021 3:36 PM	1.017	4.347	1.31
6/7/2021 3:42 PM	0.847	4.438	1.294
6/7/2021 3:48 PM	0.847	4.41	1.278
6/7/2021 3:54 PM	0.935	4.336	1.27
6/7/2021 4:00 PM	1.082	4.491	1.267
6/7/2021 4:06 PM	1.588	4.817	1.263
6/7/2021 4:12 PM	1.528	4.802	1.258
6/7/2021 4:18 PM	1.211	4.751	1.258
6/7/2021 4:24 PM	1.179	4.735	1.256
6/7/2021 4:30 PM	1.166	4.724	1.258
6/7/2021 4:36 PM	1.124	4.733	1.26
6/7/2021 4:42 PM	1.089	4.684	1.254
6/7/2021 4:48 PM	1.058	4.733	1.247
6/7/2021 4:54 PM	1.049	4.754	1.243
6/7/2021 5:00 PM	1.006	4.626	1.243
6/7/2021 5:06 PM	0.498	4.252	1.242
6/7/2021 5:12 PM	0.154	3.951	1.242
6/7/2021 5:18 PM	0.286	4.195	1.252
6/7/2021 5:24 PM	0.361	4.231	1.268
6/7/2021 5:30 PM	0.416	4.327	1.278
6/7/2021 5:36 PM	0.431	4.448	1.279
6/7/2021 5:42 PM	0.428	4.5	1.28
6/7/2021 5:48 PM	0.426	4.504	1.28
6/7/2021 5:54 PM	0.412	4.443	1.279
6/7/2021 6:00 PM	0.423	4.503	1.28
6/7/2021 6:06 PM	0.453	4.569	1.282
6/7/2021 6:12 PM	0.441	4.552	1.281
6/7/2021 6:18 PM	0.415	4.441	1.278

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/7/2021 6:24 PM	0.417	4.458	1.277
6/7/2021 6:30 PM	0.419	4.561	1.278
6/7/2021 6:36 PM	0.402	4.532	1.277
6/7/2021 6:42 PM	0.41	4.492	1.275
6/7/2021 6:48 PM	0.413	4.424	1.272
6/7/2021 6:54 PM	0.417	4.475	1.27
6/7/2021 7:00 PM	0.432	4.533	1.271
6/7/2021 7:06 PM	0.449	4.476	1.272
6/7/2021 7:12 PM	0.394	4.47	1.274
6/7/2021 7:18 PM	0.356	4.517	1.275
6/7/2021 7:24 PM	0.344	4.452	1.274
6/7/2021 7:30 PM	0.307	4.327	1.271
6/7/2021 7:36 PM	0.316	4.412	1.27
6/7/2021 7:42 PM	0.311	4.471	1.268
6/7/2021 7:48 PM	0.282	4.416	1.271
6/7/2021 7:54 PM	0.271	4.363	1.267
6/7/2021 8:00 PM	0.273	4.396	1.266
6/7/2021 8:06 PM	0.248	4.395	1.27
6/7/2021 8:12 PM	0.255	4.407	1.27
6/7/2021 8:18 PM	0.322	4.415	1.266
6/7/2021 8:24 PM	0.322	4.405	1.261
6/7/2021 8:30 PM	0.311	4.313	1.262
6/7/2021 8:36 PM	0.294	4.25	1.27
6/7/2021 8:42 PM	0.265	4.312	1.279
6/7/2021 8:48 PM	0.282	4.404	1.286
6/7/2021 8:54 PM	0.32	4.379	1.288
6/7/2021 9:00 PM	0.313	4.359	1.291
6/7/2021 9:06 PM	0.31	4.34	1.293
6/7/2021 9:12 PM	0.291	4.33	1.294
6/7/2021 9:18 PM	0.277	4.295	1.297
6/7/2021 9:24 PM	0.31	4.388	1.298
6/7/2021 9:30 PM	0.315	4.489	1.297
6/7/2021 9:36 PM	0.281	4.553	1.294
6/7/2021 9:42 PM	0.266	4.529	1.298
6/7/2021 9:48 PM	0.331	4.556	1.304
6/7/2021 9:54 PM	0.463	4.593	1.302
6/7/2021 10:00 PM	0.568	4.501	1.299
6/7/2021 10:06 PM	0.605	4.43	1.295
6/7/2021 10:12 PM	0.588	4.522	1.291
6/7/2021 10:18 PM	0.597	4.521	1.286
6/7/2021 10:24 PM	0.575	4.515	1.28
6/7/2021 10:30 PM	0.548	4.569	1.275
6/7/2021 10:36 PM	0.554	4.597	1.273
6/7/2021 10:42 PM	0.559	4.532	1.271
6/7/2021 10:48 PM	0.551	4.529	1.269
6/7/2021 10:54 PM	0.55	4.585	1.269
6/7/2021 11:00 PM	0.584	4.638	1.269
6/7/2021 11:06 PM	0.601	4.547	1.271
6/7/2021 11:12 PM	0.602	4.481	1.273
6/7/2021 11:18 PM	0.608	4.561	1.273
6/7/2021 11:24 PM	0.542	4.604	1.275
6/7/2021 11:30 PM	0.495	4.541	1.274
6/7/2021 11:36 PM	0.485	4.454	1.273
6/7/2021 11:42 PM	0.468	4.596	1.275

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/7/2021 11:48 PM	0.483	4.67	1.278
6/7/2021 11:54 PM	0.481	4.619	1.279
6/8/2021 12:00 AM	0.462	4.517	1.277
6/8/2021 12:06 AM	0.491	4.595	1.278
6/8/2021 12:12 AM	0.603	4.524	1.279
6/8/2021 12:18 AM	0.745	4.423	1.277
6/8/2021 12:24 AM	0.801	4.512	1.275
6/8/2021 12:30 AM	0.82	4.33	1.278
6/8/2021 12:36 AM	0.87	4.188	1.28
6/8/2021 12:42 AM	0.881	4.262	1.281
6/8/2021 12:48 AM	0.902	4.234	1.282
6/8/2021 12:54 AM	0.845	4.349	1.287
6/8/2021 1:00 AM	0.402	4.733	1.292
6/8/2021 1:06 AM	-0.068	4.542	1.294
6/8/2021 1:12 AM	-0.316	4.319	1.294
6/8/2021 1:18 AM	-0.467	4.278	1.292
6/8/2021 1:24 AM	-0.467	4.375	1.292
6/8/2021 1:30 AM	-0.44	4.353	1.292
6/8/2021 1:36 AM	-0.405	4.363	1.291
6/8/2021 1:42 AM	-0.362	4.459	1.29
6/8/2021 1:48 AM	-0.314	4.483	1.289
6/8/2021 1:54 AM	-0.272	4.451	1.288
6/8/2021 2:00 AM	-0.22	4.596	1.287
6/8/2021 2:06 AM	-0.178	4.646	1.287
6/8/2021 2:12 AM	-0.169	4.595	1.287
6/8/2021 2:18 AM	-0.199	4.622	1.287
6/8/2021 2:24 AM	-0.15	4.622	1.287
6/8/2021 2:30 AM	-0.112	4.587	1.288
6/8/2021 2:36 AM	-0.076	4.683	1.287
6/8/2021 2:42 AM	-0.022	4.666	1.287
6/8/2021 2:48 AM	0.01	4.686	1.29
6/8/2021 2:54 AM	0.014	4.682	1.292
6/8/2021 3:00 AM	0.043	4.649	1.294
6/8/2021 3:06 AM	0.095	4.737	1.295
6/8/2021 3:12 AM	0.091	4.727	1.295
6/8/2021 3:18 AM	0.103	4.714	1.294
6/8/2021 3:24 AM	0.132	4.78	1.293
6/8/2021 3:30 AM	0.152	4.812	1.295
6/8/2021 3:36 AM	0.147	4.879	1.297
6/8/2021 3:42 AM	0.169	4.825	1.297
6/8/2021 3:48 AM	0.207	4.831	1.298
6/8/2021 3:54 AM	0.226	4.859	1.298
6/8/2021 4:00 AM	0.236	4.776	1.297
6/8/2021 4:06 AM	0.248	4.759	1.298
6/8/2021 4:12 AM	0.242	4.776	1.296
6/8/2021 4:18 AM	0.232	4.798	1.294
6/8/2021 4:24 AM	0.261	4.799	1.292
6/8/2021 4:30 AM	0.277	4.913	1.29
6/8/2021 4:36 AM	0.279	4.967	1.289
6/8/2021 4:42 AM	0.27	5.046	1.289
6/8/2021 4:48 AM	0.285	5.172	1.291
6/8/2021 4:54 AM	0.308	5.307	1.291
6/8/2021 5:00 AM	0.323	5.285	1.292
6/8/2021 5:06 AM	0.332	5.265	1.293

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/8/2021 5:12 AM	0.326	5.517	1.291
6/8/2021 5:18 AM	0.34	5.525	1.289
6/8/2021 5:24 AM	0.358	5.457	1.29
6/8/2021 5:30 AM	0.372	5.422	1.292
6/8/2021 5:36 AM	0.369	5.365	1.291
6/8/2021 5:42 AM	0.349	5.353	1.289
6/8/2021 5:48 AM	0.359	5.873	1.288
6/8/2021 5:54 AM	0.388	6	1.289
6/8/2021 6:00 AM	0.422	6.14	1.291
6/8/2021 6:06 AM	0.45	6.537	1.291
6/8/2021 6:12 AM	0.434	6.236	1.287
6/8/2021 6:18 AM	0.438	6.121	1.284
6/8/2021 6:24 AM	0.454	5.942	1.274
6/8/2021 6:30 AM	0.467	5.848	1.266
6/8/2021 6:36 AM	0.449	6.411	1.262
6/8/2021 6:42 AM	0.468	7.024	1.257
6/8/2021 6:48 AM	0.514	6.869	1.256
6/8/2021 6:54 AM	2.498	6.715	1.257
6/8/2021 7:00 AM	3.528	5.632	1.26
6/8/2021 7:06 AM	2.33	4.925	1.261
6/8/2021 7:12 AM	2.141	5.262	1.256
6/8/2021 7:18 AM	2.033	5.323	1.257
6/8/2021 7:24 AM	1.957	5.356	1.259
6/8/2021 7:30 AM	1.864	5.426	1.258
6/8/2021 7:36 AM	1.763	5.357	1.252
6/8/2021 7:42 AM	1.649	5.389	1.245
6/8/2021 7:48 AM	1.464	5.424	1.239
6/8/2021 7:54 AM	1.209	5.457	1.231
6/8/2021 8:00 AM	1.052	5.556	1.225
6/8/2021 8:06 AM	1.05	5.645	1.227
6/8/2021 8:12 AM	1.176	5.624	1.227
6/8/2021 8:18 AM	1.304	5.683	1.226
6/8/2021 8:24 AM	1.395	5.646	1.225
6/8/2021 8:30 AM	1.413	5.605	1.227
6/8/2021 8:36 AM	1.363	5.569	1.226
6/8/2021 8:42 AM	1.338	5.527	1.221
6/8/2021 8:48 AM	1.259	5.57	1.218
6/8/2021 8:54 AM	1.107	5.704	1.217
6/8/2021 9:00 AM	0.985	5.601	1.215
6/8/2021 9:06 AM	0.877	5.603	1.215
6/8/2021 9:12 AM	0.768	5.658	1.219
6/8/2021 9:18 AM	0.698	5.592	1.215
6/8/2021 9:24 AM	0.651	5.609	1.203
6/8/2021 9:30 AM	0.62	5.628	1.206
6/8/2021 9:36 AM	0.604	5.566	1.215
6/8/2021 9:42 AM	0.587	5.468	1.224
6/8/2021 9:48 AM	0.625	5.52	1.229
6/8/2021 9:54 AM	0.654	5.52	1.231
6/8/2021 10:00 AM	0.677	5.572	1.232
6/8/2021 10:06 AM	0.709	5.691	1.234
6/8/2021 10:12 AM	0.731	5.589	1.238
6/8/2021 10:18 AM	0.731	5.413	1.241
6/8/2021 10:24 AM	0.696	5.473	1.246
6/8/2021 10:30 AM	0.689	5.472	1.248

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/8/2021 10:36 AM	0.746	5.516	1.246
6/8/2021 10:42 AM	0.762	5.669	1.243
6/8/2021 10:48 AM	0.738	5.638	1.24
6/8/2021 10:54 AM	0.749	5.445	1.239
6/8/2021 11:00 AM	0.758	5.558	1.241
6/8/2021 11:06 AM	0.734	5.64	1.243
6/8/2021 11:12 AM	0.708	5.478	1.244
6/8/2021 11:18 AM	0.722	5.476	1.247
6/8/2021 11:24 AM	0.743	5.363	1.247
6/8/2021 11:30 AM	0.757	5.292	1.248
6/8/2021 11:36 AM	0.723	5.289	1.248
6/8/2021 11:42 AM	0.714	5.291	1.247
6/8/2021 11:48 AM	0.732	5.309	1.247
6/8/2021 11:54 AM	0.749	5.42	1.249
6/8/2021 12:00 PM	0.767	5.505	1.236
6/8/2021 12:06 PM	0.774	5.663	1.189
6/8/2021 12:12 PM	0.777	5.62	1.191
6/8/2021 12:18 PM	0.763	5.612	1.188
6/8/2021 12:24 PM	0.789	5.698	1.184
6/8/2021 12:30 PM	0.78	5.729	1.178
6/8/2021 12:36 PM	0.828	5.677	1.173
6/8/2021 12:42 PM	0.923	5.594	1.17
6/8/2021 12:48 PM	0.975	5.531	1.169
6/8/2021 12:54 PM	1.004	5.697	1.17
6/8/2021 1:00 PM	0.988	5.863	1.173
6/8/2021 1:06 PM	0.934	5.744	1.172
6/8/2021 1:12 PM	0.936	5.669	1.171
6/8/2021 1:18 PM	0.969	5.77	1.171
6/8/2021 1:24 PM	0.968	5.695	1.172
6/8/2021 1:30 PM	0.874	5.552	1.173
6/8/2021 1:36 PM	0.822	5.428	1.174
6/8/2021 1:42 PM	0.825	5.401	1.174
6/8/2021 1:48 PM	0.937	5.405	1.172
6/8/2021 1:54 PM	1.053	5.397	1.173
6/8/2021 2:00 PM	1.115	5.319	1.173
6/8/2021 2:06 PM	1.181	5.219	1.177
6/8/2021 2:12 PM	1.224	5.114	1.179
6/8/2021 2:18 PM	1.212	5.143	1.175
6/8/2021 2:24 PM	1.21	5.107	1.17
6/8/2021 2:30 PM	1.227	5.135	1.177
6/8/2021 2:36 PM	1.181	5.206	1.19
6/8/2021 2:42 PM	1.134	5.192	1.208
6/8/2021 2:48 PM	1.127	5.174	1.222
6/8/2021 2:54 PM	1.11	5.164	1.23
6/8/2021 3:00 PM	1.103	5.11	1.226
6/8/2021 3:06 PM	1.089	5.331	1.381
6/8/2021 3:12 PM	0.954	5.615	1.665
6/8/2021 3:18 PM	0.715	5.564	7.095
6/8/2021 3:24 PM	0.813	5.593	10.69
6/8/2021 3:30 PM	1.026	5.774	3.715
6/8/2021 3:36 PM	0.916	5.685	1.572
6/8/2021 3:42 PM	0.786	5.646	1.252
6/8/2021 3:48 PM	0.68	5.638	1.182
6/8/2021 3:54 PM	0.761	5.833	1.153

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/8/2021 4:00 PM	0.964	6.159	1.136
6/8/2021 4:06 PM	1.013	6.069	1.136
6/8/2021 4:12 PM	1.413	6.863	1.148
6/8/2021 4:18 PM	1.812	7.802	1.144
6/8/2021 4:24 PM	1.437	7.264	1.147
6/8/2021 4:30 PM	1.278	7.027	1.169
6/8/2021 4:36 PM	1.195	7.002	1.183
6/8/2021 4:42 PM	1.162	6.956	1.192
6/8/2021 4:48 PM	1.107	6.858	1.19
6/8/2021 4:54 PM	1.065	6.851	1.186
6/8/2021 5:00 PM	1.025	6.984	1.188
6/8/2021 5:06 PM	1.009	7.012	1.195
6/8/2021 5:12 PM	1.01	6.815	1.198
6/8/2021 5:18 PM	1.037	6.769	1.188
6/8/2021 5:24 PM	0.975	6.776	1.18
6/8/2021 5:30 PM	0.882	6.764	1.177
6/8/2021 5:36 PM	0.822	6.732	1.182
6/8/2021 5:42 PM	0.734	6.877	1.182
6/8/2021 5:48 PM	0.718	6.86	1.185
6/8/2021 5:54 PM	0.729	6.748	1.188
6/8/2021 6:00 PM	0.741	6.861	1.192
6/8/2021 6:06 PM	0.777	6.891	1.188
6/8/2021 6:12 PM	0.842	6.643	1.194
6/8/2021 6:18 PM	0.802	6.621	1.197
6/8/2021 6:24 PM	0.602	6.456	1.189
6/8/2021 6:30 PM	0.19	5.155	1.181
6/8/2021 6:36 PM	-0.005	3.989	1.183
6/8/2021 6:42 PM	0.112	4.211	1.179
6/8/2021 6:48 PM	0.169	4.455	1.176
6/8/2021 6:54 PM	0.236	4.798	1.172
6/8/2021 7:00 PM	0.296	5.11	1.168
6/8/2021 7:06 PM	0.337	5.124	1.169
6/8/2021 7:12 PM	0.387	5.026	1.171
6/8/2021 7:18 PM	0.429	4.872	1.167
6/8/2021 7:24 PM	0.464	4.777	1.171
6/8/2021 7:30 PM	0.468	4.57	1.175
6/8/2021 7:36 PM	0.467	4.487	1.169
6/8/2021 7:42 PM	0.514	4.616	1.164
6/8/2021 7:48 PM	0.615	5.491	1.158
6/8/2021 7:54 PM	0.691	5.965	1.155
6/8/2021 8:00 PM	0.672	5.733	1.15
6/8/2021 8:06 PM	0.62	6.066	1.147
6/8/2021 8:12 PM	0.523	5.704	1.153
6/8/2021 8:18 PM	0.306	4.595	1.156
6/8/2021 8:24 PM	0.231	4.673	1.154
6/8/2021 8:30 PM	0.502	5.094	1.153
6/8/2021 8:36 PM	0.718	4.657	1.153
6/8/2021 8:42 PM	0.642	4.3	1.155
6/8/2021 8:48 PM	0.48	4.182	1.161
6/8/2021 8:54 PM	0.405	4.395	1.167
6/8/2021 9:00 PM	0.501	4.596	1.172
6/8/2021 9:06 PM	0.552	4.46	1.176
6/8/2021 9:12 PM	0.603	4.343	1.176
6/8/2021 9:18 PM	0.77	5.041	1.176

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/8/2021 9:24 PM	0.801	5.956	1.179
6/8/2021 9:30 PM	0.742	5.829	1.18
6/8/2021 9:36 PM	0.808	5.505	1.18
6/8/2021 9:42 PM	0.752	5.415	1.182
6/8/2021 9:48 PM	0.75	5.45	1.188
6/8/2021 9:54 PM	0.733	5.44	1.194
6/8/2021 10:00 PM	0.695	5.443	1.197
6/8/2021 10:06 PM	0.695	5.497	1.197
6/8/2021 10:12 PM	0.688	5.584	1.196
6/8/2021 10:18 PM	0.667	5.425	1.192
6/8/2021 10:24 PM	0.278	5.362	1.188
6/8/2021 10:30 PM	0.061	5.415	1.188
6/8/2021 10:36 PM	0.21	5.432	1.193
6/8/2021 10:42 PM	0.382	5.305	1.197
6/8/2021 10:48 PM	0.472	5.23	1.197
6/8/2021 10:54 PM	0.554	5.29	1.193
6/8/2021 11:00 PM	0.584	5.396	1.195
6/8/2021 11:06 PM	0.609	5.33	1.198
6/8/2021 11:12 PM	0.632	5.394	1.197
6/8/2021 11:18 PM	0.649	5.439	1.196
6/8/2021 11:24 PM	0.648	5.497	1.197
6/8/2021 11:30 PM	0.697	5.467	1.199
6/8/2021 11:36 PM	0.716	5.443	1.198
6/8/2021 11:42 PM	0.675	5.504	1.195
6/8/2021 11:48 PM	0.651	5.405	1.199
6/8/2021 11:54 PM	0.618	5.267	1.2
6/9/2021 12:00 AM	0.607	5.315	1.2
6/9/2021 12:06 AM	0.635	5.388	1.197
6/9/2021 12:12 AM	0.649	5.348	1.194
6/9/2021 12:18 AM	0.65	5.345	1.193
6/9/2021 12:24 AM	0.647	5.431	1.193
6/9/2021 12:30 AM	0.643	5.642	1.197
6/9/2021 12:36 AM	0.641	5.568	1.199
6/9/2021 12:42 AM	0.448	5.724	1.199
6/9/2021 12:48 AM	0.026	6.31	1.199
6/9/2021 12:54 AM	-0.14	7.285	1.198
6/9/2021 1:00 AM	-0.405	7.64	1.196
6/9/2021 1:06 AM	-0.537	6.89	1.193
6/9/2021 1:12 AM	-0.529	6.653	1.188
6/9/2021 1:18 AM	-0.507	6.771	1.193
6/9/2021 1:24 AM	-0.419	6.753	1.201
6/9/2021 1:30 AM	-0.377	6.668	1.205
6/9/2021 1:36 AM	-0.369	6.672	1.208
6/9/2021 1:42 AM	-0.334	6.765	1.207
6/9/2021 1:48 AM	-0.301	6.661	1.207
6/9/2021 1:54 AM	-0.267	6.629	1.208
6/9/2021 2:00 AM	-0.241	6.69	1.208
6/9/2021 2:06 AM	-0.201	6.748	1.208
6/9/2021 2:12 AM	-0.212	6.535	1.209
6/9/2021 2:18 AM	-0.192	6.423	1.213
6/9/2021 2:24 AM	-0.139	6.548	1.212
6/9/2021 2:30 AM	-0.088	6.76	1.212
6/9/2021 2:36 AM	-0.028	6.726	1.213
6/9/2021 2:42 AM	-0.016	6.487	1.213

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/9/2021 2:48 AM	-0.012	6.482	1.211
6/9/2021 2:54 AM	0.002	6.598	1.215
6/9/2021 3:00 AM	0.025	6.518	1.215
6/9/2021 3:06 AM	0.059	6.405	1.212
6/9/2021 3:12 AM	0.066	6.548	1.212
6/9/2021 3:18 AM	0.077	6.512	1.213
6/9/2021 3:24 AM	0.105	6.426	1.215
6/9/2021 3:30 AM	0.124	6.513	1.22
6/9/2021 3:36 AM	0.161	6.455	1.223
6/9/2021 3:42 AM	0.185	6.351	1.222
6/9/2021 3:48 AM	2.263	6.437	1.224
6/9/2021 3:54 AM	2.849	6.389	1.224
6/9/2021 4:00 AM	1.237	6.465	1.222
6/9/2021 4:06 AM	1.2	6.525	1.225
6/9/2021 4:12 AM	1.161	6.5	1.232
6/9/2021 4:18 AM	1.091	6.358	1.232
6/9/2021 4:24 AM	0.986	6.305	1.229
6/9/2021 4:30 AM	0.742	5.148	1.229
6/9/2021 4:36 AM	0.635	4.463	1.23
6/9/2021 4:42 AM	0.533	4.916	1.23
6/9/2021 4:48 AM	0.383	4.974	1.229
6/9/2021 4:54 AM	0.312	4.249	1.229
6/9/2021 5:00 AM	0.268	3.917	1.227
6/9/2021 5:06 AM	0.254	4.175	1.221
6/9/2021 5:12 AM	0.277	4.224	1.217
6/9/2021 5:18 AM	0.284	4.141	1.213
6/9/2021 5:24 AM	0.291	4.13	1.211
6/9/2021 5:30 AM	0.346	4.277	1.213
6/9/2021 5:36 AM	0.387	4.573	1.214
6/9/2021 5:42 AM	0.424	4.839	1.215
6/9/2021 5:48 AM	0.475	4.903	1.218
6/9/2021 5:54 AM	0.517	4.988	1.221
6/9/2021 6:00 AM	0.541	5.024	1.223
6/9/2021 6:06 AM	0.585	5.063	1.221
6/9/2021 6:12 AM	0.591	5.059	1.216
6/9/2021 6:18 AM	0.591	5.079	1.208
6/9/2021 6:24 AM	0.63	5.039	1.203
6/9/2021 6:30 AM	0.632	4.978	1.193
6/9/2021 6:36 AM	0.608	4.976	1.187
6/9/2021 6:42 AM	0.63	4.943	1.19
6/9/2021 6:48 AM	0.662	5.037	1.194
6/9/2021 6:54 AM	0.696	5.096	1.195
6/9/2021 7:00 AM	0.7	5.136	1.194
6/9/2021 7:06 AM	0.682	5.265	1.192
6/9/2021 7:12 AM	0.707	5.353	1.191
6/9/2021 7:18 AM	0.719	5.4	1.19
6/9/2021 7:24 AM	0.709	5.462	1.185
6/9/2021 7:30 AM	0.716	5.498	1.182
6/9/2021 7:36 AM	0.74	5.738	1.177
6/9/2021 7:42 AM	0.772	5.886	1.172
6/9/2021 7:48 AM	0.79	5.65	1.168
6/9/2021 7:54 AM	0.782	5.677	1.168
6/9/2021 8:00 AM	0.793	5.856	1.171
6/9/2021 8:06 AM	0.817	5.864	1.167

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/9/2021 8:12 AM	0.827	5.974	1.158
6/9/2021 8:18 AM	0.822	6.013	1.153
6/9/2021 8:24 AM	0.836	5.889	1.155
6/9/2021 8:30 AM	0.862	5.736	1.159
6/9/2021 8:36 AM	0.858	5.635	1.156
6/9/2021 8:42 AM	0.853	5.69	1.153
6/9/2021 8:48 AM	0.885	5.616	1.153
6/9/2021 8:54 AM	0.899	5.625	1.153
6/9/2021 9:00 AM	0.872	5.575	1.149
6/9/2021 9:06 AM	0.862	5.608	1.145
6/9/2021 9:12 AM	0.838	5.72	1.144
6/9/2021 9:18 AM	1.256	5.763	1.146
6/9/2021 9:24 AM	1.431	5.74	1.149
6/9/2021 9:30 AM	1.099	5.634	1.151
6/9/2021 9:36 AM	1.068	5.688	1.147
6/9/2021 9:42 AM	1.041	5.763	1.145
6/9/2021 9:48 AM	1	5.743	1.155
6/9/2021 9:54 AM	0.986	5.517	1.162
6/9/2021 10:00 AM	0.973	5.517	1.167
6/9/2021 10:06 AM	0.939	5.618	1.169
6/9/2021 10:12 AM	0.859	5.599	1.171
6/9/2021 10:18 AM	0.778	5.618	1.173
6/9/2021 10:24 AM	0.615	5.785	1.175
6/9/2021 10:30 AM	0.593	5.763	1.177
6/9/2021 10:36 AM	0.555	5.688	1.175
6/9/2021 10:42 AM	0.5	5.798	1.174
6/9/2021 10:48 AM	0.464	5.718	1.17
6/9/2021 10:54 AM	0.418	5.643	1.168
6/9/2021 11:00 AM	0.398	5.639	1.173
6/9/2021 11:06 AM	0.387	5.549	1.177
6/9/2021 11:12 AM	0.386	5.691	1.178
6/9/2021 11:18 AM	0.402	5.889	1.18
6/9/2021 11:24 AM	0.404	5.928	1.185
6/9/2021 11:30 AM	0.397	5.675	1.185
6/9/2021 11:36 AM	0.428	5.572	1.18
6/9/2021 11:42 AM	0.378	5.662	1.174
6/9/2021 11:48 AM	0.364	5.629	1.172
6/9/2021 11:54 AM	0.46	5.596	1.167
6/9/2021 12:00 PM	0.589	5.505	1.161
6/9/2021 12:06 PM	0.801	5.513	1.154
6/9/2021 12:12 PM	0.83	5.591	1.158
6/9/2021 12:18 PM	0.85	5.545	1.165
6/9/2021 12:24 PM	0.834	5.28	6.524
6/9/2021 12:30 PM	0.852	5.255	6.763
6/9/2021 12:36 PM	0.874	5.294	1.242
6/9/2021 12:42 PM	0.868	5.324	1.128
6/9/2021 12:48 PM	0.908	5.404	1.111
6/9/2021 12:54 PM	0.947	5.376	1.107
6/9/2021 1:00 PM	0.944	5.366	1.105
6/9/2021 1:06 PM	0.955	5.355	1.108
6/9/2021 1:12 PM	0.939	5.432	1.109
6/9/2021 1:18 PM	0.928	5.549	1.11
6/9/2021 1:24 PM	0.936	5.53	1.11
6/9/2021 1:30 PM	0.857	5.45	1.113

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/9/2021 1:36 PM	0.832	5.37	1.117
6/9/2021 1:42 PM	0.848	5.226	1.119
6/9/2021 1:48 PM	0.87	5.26	1.119
6/9/2021 1:54 PM	0.882	5.385	1.117
6/9/2021 2:00 PM	0.851	5.429	1.117
6/9/2021 2:06 PM	0.854	5.241	1.117
6/9/2021 2:12 PM	0.883	5.249	1.116
6/9/2021 2:18 PM	0.89	5.258	1.118
6/9/2021 2:24 PM	0.908	5.119	1.114
6/9/2021 2:30 PM	0.906	5.165	1.111
6/9/2021 2:36 PM	0.893	5.264	1.115
6/9/2021 2:42 PM	0.901	5.274	1.112
6/9/2021 2:48 PM	0.927	5.259	1.124
6/9/2021 2:54 PM	0.945	5.151	1.126
6/9/2021 3:00 PM	0.883	5.066	1.128
6/9/2021 3:06 PM	0.778	5.051	1.133
6/9/2021 3:12 PM	0.739	5.019	1.136
6/9/2021 3:18 PM	0.734	4.967	1.133
6/9/2021 3:24 PM	0.774	5.019	1.127
6/9/2021 3:30 PM	0.748	5.165	1.124
6/9/2021 3:36 PM	0.756	5.213	1.128
6/9/2021 3:42 PM	0.778	5.25	1.135
6/9/2021 3:48 PM	0.744	5.257	1.139
6/9/2021 3:54 PM	0.712	5.159	1.138
6/9/2021 4:00 PM	0.685	5.187	1.136
6/9/2021 4:06 PM	0.693	5.232	1.136
6/9/2021 4:12 PM	0.719	5.237	1.139
6/9/2021 4:18 PM	0.725	5.402	1.14
6/9/2021 4:24 PM	0.732	5.473	1.143
6/9/2021 4:30 PM	0.742	5.391	1.145
6/9/2021 4:36 PM	0.766	5.319	1.145
6/9/2021 4:42 PM	0.801	5.555	1.148
6/9/2021 4:48 PM	0.793	5.555	1.148
6/9/2021 4:54 PM	0.803	5.576	1.146
6/9/2021 5:00 PM	0.824	5.507	1.143
6/9/2021 5:06 PM	0.82	5.383	1.138
6/9/2021 5:12 PM	0.849	5.4	1.13
6/9/2021 5:18 PM	0.853	5.292	1.124
6/9/2021 5:24 PM	0.851	5.135	1.115
6/9/2021 5:30 PM	0.872	4.909	1.111
6/9/2021 5:36 PM	0.875	4.894	1.108
6/9/2021 5:42 PM	0.872	5.025	1.115
6/9/2021 5:48 PM	0.873	5.098	1.129
6/9/2021 5:54 PM	0.917	5.113	1.141
6/9/2021 6:00 PM	0.872	5.13	1.148
6/9/2021 6:06 PM	0.817	5.209	1.151
6/9/2021 6:12 PM	0.803	5.193	1.153
6/9/2021 6:18 PM	0.811	5.112	1.153
6/9/2021 6:24 PM	0.81	4.954	1.153
6/9/2021 6:30 PM	0.782	4.749	1.15
6/9/2021 6:36 PM	0.724	4.769	1.147
6/9/2021 6:42 PM	0.664	4.884	1.145
6/9/2021 6:48 PM	0.658	5.151	1.141
6/9/2021 6:54 PM	0.687	5.315	1.143

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/9/2021 7:00 PM	0.701	5.226	1.147
6/9/2021 7:06 PM	0.714	5.169	1.147
6/9/2021 7:12 PM	0.733	5.07	1.148
6/9/2021 7:18 PM	0.722	4.929	1.155
6/9/2021 7:24 PM	0.712	4.988	1.159
6/9/2021 7:30 PM	0.683	5.072	1.169
6/9/2021 7:36 PM	0.671	5.138	1.178
6/9/2021 7:42 PM	0.683	5.053	1.173
6/9/2021 7:48 PM	0.678	4.99	1.169
6/9/2021 7:54 PM	0.699	4.903	1.167
6/9/2021 8:00 PM	0.74	4.976	1.165
6/9/2021 8:06 PM	0.754	4.938	1.163
6/9/2021 8:12 PM	0.717	4.887	1.161
6/9/2021 8:18 PM	0.679	4.971	1.161
6/9/2021 8:24 PM	0.677	4.905	1.161
6/9/2021 8:30 PM	0.662	4.785	1.164
6/9/2021 8:36 PM	0.626	4.798	1.162
6/9/2021 8:42 PM	0.621	4.85	1.159
6/9/2021 8:48 PM	0.725	4.82	1.163
6/9/2021 8:54 PM	0.77	4.811	1.164
6/9/2021 9:00 PM	0.778	4.928	1.163
6/9/2021 9:06 PM	0.796	5.058	1.161
6/9/2021 9:12 PM	0.864	5.067	1.159
6/9/2021 9:18 PM	0.838	4.964	1.156
6/9/2021 9:24 PM	0.75	4.896	1.155
6/9/2021 9:30 PM	0.743	4.933	1.157
6/9/2021 9:36 PM	0.744	5.008	1.162
6/9/2021 9:42 PM	0.748	5.274	1.161
6/9/2021 9:48 PM	0.74	5.352	1.148
6/9/2021 9:54 PM	0.732	5.093	1.139
6/9/2021 10:00 PM	0.735	5.073	1.142
6/9/2021 10:06 PM	0.67	5.339	1.15
6/9/2021 10:12 PM	0.63	5.444	1.154
6/9/2021 10:18 PM	0.629	5.348	1.161
6/9/2021 10:24 PM	0.615	5.34	1.181
6/9/2021 10:30 PM	0.603	5.397	1.186
6/9/2021 10:36 PM	0.631	5.267	1.187
6/9/2021 10:42 PM	0.608	5.126	1.188
6/9/2021 10:48 PM	0.614	5.24	1.188
6/9/2021 10:54 PM	0.628	5.233	1.186
6/9/2021 11:00 PM	0.628	5.201	1.183
6/9/2021 11:06 PM	0.635	5.374	1.179
6/9/2021 11:12 PM	0.642	5.287	1.182
6/9/2021 11:18 PM	0.675	5.244	1.188
6/9/2021 11:24 PM	0.671	5.314	1.189
6/9/2021 11:30 PM	0.634	5.357	1.192
6/9/2021 11:36 PM	0.658	5.353	1.194
6/9/2021 11:42 PM	0.665	5.3	1.193
6/9/2021 11:48 PM	0.805	5.343	1.188
6/9/2021 11:54 PM	1.013	5.293	1.184
6/10/2021 12:00 AM	1.019	5.044	1.186
6/10/2021 12:06 AM	1.008	5.021	1.192
6/10/2021 12:12 AM	1.015	5.116	1.195
6/10/2021 12:18 AM	1.024	5.349	1.199

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/10/2021 12:24 AM	0.97	5.474	1.199
6/10/2021 12:30 AM	0.93	5.467	1.193
6/10/2021 12:36 AM	0.9	5.418	1.186
6/10/2021 12:42 AM	0.946	5.48	1.182
6/10/2021 12:48 AM	0.959	5.476	1.18
6/10/2021 12:54 AM	0.602	5.139	1.177
6/10/2021 1:00 AM	0.43	4.895	1.175
6/10/2021 1:06 AM	0.612	4.918	1.175
6/10/2021 1:12 AM	0.789	4.819	1.177
6/10/2021 1:18 AM	0.925	4.521	1.18
6/10/2021 1:24 AM	1.022	4.403	1.182
6/10/2021 1:30 AM	1.06	4.368	1.18
6/10/2021 1:36 AM	1.082	4.206	1.179
6/10/2021 1:42 AM	1.185	3.972	1.181
6/10/2021 1:48 AM	1.404	2.928	1.185
6/10/2021 1:54 AM	1.204	1.409	1.193
6/10/2021 2:00 AM	0.748	0.735	1.199
6/10/2021 2:06 AM	0.575	0.777	1.201
6/10/2021 2:12 AM	0.649	0.828	1.197
6/10/2021 2:18 AM	0.727	0.843	1.191
6/10/2021 2:24 AM	0.76	0.796	1.189
6/10/2021 2:30 AM	0.779	0.7	1.189
6/10/2021 2:36 AM	0.792	0.684	1.187
6/10/2021 2:42 AM	0.808	0.689	1.185
6/10/2021 2:48 AM	0.825	0.642	1.186
6/10/2021 2:54 AM	0.857	0.674	1.191
6/10/2021 3:00 AM	0.875	0.626	1.19
6/10/2021 3:06 AM	0.896	0.602	1.186
6/10/2021 3:12 AM	0.898	0.57	1.178
6/10/2021 3:18 AM	0.871	0.571	1.173
6/10/2021 3:24 AM	0.875	0.613	1.172
6/10/2021 3:30 AM	0.881	0.586	1.171
6/10/2021 3:36 AM	0.899	0.583	1.177
6/10/2021 3:42 AM	0.888	0.545	1.186
6/10/2021 3:48 AM	0.882	0.583	1.193
6/10/2021 3:54 AM	0.879	0.578	1.197
6/10/2021 4:00 AM	0.846	0.544	1.202
6/10/2021 4:06 AM	1.228	0.531	1.206
6/10/2021 4:12 AM	1.404	0.496	1.208
6/10/2021 4:18 AM	1.211	0.53	1.203
6/10/2021 4:24 AM	1.169	0.552	1.195
6/10/2021 4:30 AM	1.09	0.522	1.192
6/10/2021 4:36 AM	0.924	0.502	1.196
6/10/2021 4:42 AM	0.927	0.495	1.206
6/10/2021 4:48 AM	0.886	0.564	1.207
6/10/2021 4:54 AM	0.841	0.615	1.206
6/10/2021 5:00 AM	0.861	0.629	1.21
6/10/2021 5:06 AM	0.946	0.605	1.209
6/10/2021 5:12 AM	0.981	0.55	1.209
6/10/2021 5:18 AM	0.983	0.587	1.212
6/10/2021 5:24 AM	0.963	0.608	1.212
6/10/2021 5:30 AM	0.902	0.574	1.212
6/10/2021 5:36 AM	0.878	0.592	1.21
6/10/2021 5:42 AM	0.87	0.563	1.204

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/10/2021 5:48 AM	0.843	0.531	1.203
6/10/2021 5:54 AM	0.818	0.568	1.201
6/10/2021 6:00 AM	0.816	0.656	1.2
6/10/2021 6:06 AM	0.807	0.638	1.202
6/10/2021 6:12 AM	0.802	0.644	1.202
6/10/2021 6:18 AM	0.794	0.65	1.202
6/10/2021 6:24 AM	0.758	0.603	1.201
6/10/2021 6:30 AM	0.731	0.573	1.199
6/10/2021 6:36 AM	0.727	0.58	1.199
6/10/2021 6:42 AM	0.754	0.566	1.198
6/10/2021 6:48 AM	0.775	0.536	1.191
6/10/2021 6:54 AM	0.729	0.562	1.185
6/10/2021 7:00 AM	0.75	0.556	1.182
6/10/2021 7:06 AM	0.797	0.53	1.178
6/10/2021 7:12 AM	0.794	0.549	1.177
6/10/2021 7:18 AM	0.785	0.617	1.18
6/10/2021 7:24 AM	0.78	0.617	1.184
6/10/2021 7:30 AM	0.807	0.595	1.186
6/10/2021 7:36 AM	0.76	0.605	6.867
6/10/2021 7:42 AM	0.581	0.666	11.284
6/10/2021 7:48 AM	0.562	0.613	6.035
6/10/2021 7:54 AM	0.63	0.573	3.779
6/10/2021 8:00 AM	0.67	0.598	3.487
6/10/2021 8:06 AM	0.718	0.618	3.438
6/10/2021 8:12 AM	0.77	0.663	3.411
6/10/2021 8:18 AM	0.799	0.642	3.42
6/10/2021 8:24 AM	0.82	0.619	3.419
6/10/2021 8:30 AM	0.846	0.607	3.408
6/10/2021 8:36 AM	0.855	0.634	3.453
6/10/2021 8:42 AM	0.858	0.678	3.373
6/10/2021 8:48 AM	0.852	0.669	3.3
6/10/2021 8:54 AM	0.867	0.665	3.327
6/10/2021 9:00 AM	0.881	0.663	3.347
6/10/2021 9:06 AM	0.905	0.685	3.303
6/10/2021 9:12 AM	0.908	0.69	3.165
6/10/2021 9:18 AM	0.904	0.678	3.011
6/10/2021 9:24 AM	0.888	0.644	3.05
6/10/2021 9:30 AM	0.788	0.639	3.118
6/10/2021 9:36 AM	0.735	0.683	2.986
6/10/2021 9:42 AM	0.695	0.686	2.962
6/10/2021 9:48 AM	0.672	0.649	2.999
6/10/2021 9:54 AM	0.688	0.651	3.011
6/10/2021 10:00 AM	0.678	0.622	2.998
6/10/2021 10:06 AM	0.649	0.591	2.929
6/10/2021 10:12 AM	0.675	0.604	2.901
6/10/2021 10:18 AM	0.701	0.669	2.879
6/10/2021 10:24 AM	0.71	0.689	2.806
6/10/2021 10:30 AM	0.738	0.686	2.771
6/10/2021 10:36 AM	0.749	0.666	2.764
6/10/2021 10:42 AM	0.743	0.644	2.777
6/10/2021 10:48 AM	0.741	0.627	2.785
6/10/2021 10:54 AM	0.754	0.626	2.735
6/10/2021 11:00 AM	0.751	0.628	2.769
6/10/2021 11:06 AM	0.722	0.683	2.798

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/10/2021 11:12 AM	0.713	0.686	2.827
6/10/2021 11:18 AM	0.712	0.671	2.827
6/10/2021 11:24 AM	0.72	0.689	2.845
6/10/2021 11:30 AM	0.746	8.713	2.877
6/10/2021 11:36 AM	0.764	11.087	2.859
6/10/2021 11:42 AM	0.74	5.191	2.862
6/10/2021 11:48 AM	0.744	3.344	2.856
6/10/2021 11:54 AM	0.781	2.08	2.889
6/10/2021 12:00 PM	0.773	1.476	2.89
6/10/2021 12:06 PM	0.722	1.18	2.891
6/10/2021 12:12 PM	0.729	1.154	2.922
6/10/2021 12:18 PM	0.734	1.139	2.927
6/10/2021 12:24 PM	0.758	1.112	2.957
6/10/2021 12:30 PM	0.764	1.024	2.938
6/10/2021 12:36 PM	0.784	0.944	2.892
6/10/2021 12:42 PM	0.819	0.989	2.857
6/10/2021 12:48 PM	0.814	1.037	2.871
6/10/2021 12:54 PM	0.793	0.987	2.902
6/10/2021 1:00 PM	0.795	1.003	2.833
6/10/2021 1:06 PM	0.828	1.029	2.784
6/10/2021 1:12 PM	0.828	0.985	2.797
6/10/2021 1:18 PM	0.813	0.965	2.809
6/10/2021 1:24 PM	0.821	1.019	2.823
6/10/2021 1:30 PM	0.819	1.09	2.814
6/10/2021 1:36 PM	0.799	1.046	2.824
6/10/2021 1:42 PM	0.772	1.016	2.879
6/10/2021 1:48 PM	0.779	1.04	2.904
6/10/2021 1:54 PM	0.757	1.052	2.903
6/10/2021 2:00 PM	0.753	1.027	2.893
6/10/2021 2:06 PM	0.77	1.002	2.886
6/10/2021 2:12 PM	0.797	1.03	2.837
6/10/2021 2:18 PM	0.826	1.042	2.781
6/10/2021 2:24 PM	0.857	1.057	2.802
6/10/2021 2:30 PM	0.865	1.078	2.788
6/10/2021 2:36 PM	0.881	1.075	2.772
6/10/2021 2:42 PM	0.885	1.072	2.786
6/10/2021 2:48 PM	0.88	1.055	2.795
6/10/2021 2:54 PM	0.921	1.071	2.843
6/10/2021 3:00 PM	0.934	1.112	2.842
6/10/2021 3:06 PM	0.911	1.14	2.766
6/10/2021 3:12 PM	0.929	1.189	2.741
6/10/2021 3:18 PM	0.935	1.219	2.754
6/10/2021 3:24 PM	0.909	1.214	2.811
6/10/2021 3:30 PM	0.891	1.232	2.849
6/10/2021 3:36 PM	0.91	1.277	2.86
6/10/2021 3:42 PM	0.928	1.275	2.883
6/10/2021 3:48 PM	0.914	1.25	2.897
6/10/2021 3:54 PM	0.914	1.267	2.875
6/10/2021 4:00 PM	0.895	1.307	2.794
6/10/2021 4:06 PM	0.856	1.317	2.672
6/10/2021 4:12 PM	0.849	1.361	2.628
6/10/2021 4:18 PM	0.84	1.433	2.644
6/10/2021 4:24 PM	0.828	1.467	2.703
6/10/2021 4:30 PM	0.838	1.479	2.752

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/10/2021 4:36 PM	0.811	1.505	2.753
6/10/2021 4:42 PM	0.801	1.561	2.75
6/10/2021 4:48 PM	0.798	1.545	2.702
6/10/2021 4:54 PM	0.773	1.463	2.685
6/10/2021 5:00 PM	0.74	1.434	2.702
6/10/2021 5:06 PM	0.735	1.417	2.715
6/10/2021 5:12 PM	0.744	1.41	2.709
6/10/2021 5:18 PM	0.779	1.368	2.706
6/10/2021 5:24 PM	0.803	1.276	2.73
6/10/2021 5:30 PM	0.79	1.195	2.794
6/10/2021 5:36 PM	0.761	1.209	2.838
6/10/2021 5:42 PM	0.769	1.151	2.829
6/10/2021 5:48 PM	0.769	1.118	2.797
6/10/2021 5:54 PM	0.745	1.1	2.787
6/10/2021 6:00 PM	0.743	1.068	2.807
6/10/2021 6:06 PM	0.746	1.027	2.823
6/10/2021 6:12 PM	0.771	1.056	2.821
6/10/2021 6:18 PM	0.791	1.043	2.785
6/10/2021 6:24 PM	0.833	1.005	2.781
6/10/2021 6:30 PM	0.872	1.019	2.797
6/10/2021 6:36 PM	0.887	1.03	2.819
6/10/2021 6:42 PM	0.89	1.063	2.851
6/10/2021 6:48 PM	0.893	1.039	2.844
6/10/2021 6:54 PM	0.837	1.061	2.873
6/10/2021 7:00 PM	0.826	1.071	2.911
6/10/2021 7:06 PM	0.818	1.072	2.868
6/10/2021 7:12 PM	0.805	1.066	2.813
6/10/2021 7:18 PM	0.809	1.05	2.857
6/10/2021 7:24 PM	0.811	1.067	2.841
6/10/2021 7:30 PM	0.822	1.079	2.747
6/10/2021 7:36 PM	0.82	1.049	2.711
6/10/2021 7:42 PM	0.801	1.047	2.69
6/10/2021 7:48 PM	0.827	1.083	2.698
6/10/2021 7:54 PM	0.844	1.096	2.689
6/10/2021 8:00 PM	0.839	1.094	2.682
6/10/2021 8:06 PM	0.859	1.056	2.682
6/10/2021 8:12 PM	0.839	1.066	2.714
6/10/2021 8:18 PM	0.824	1.065	2.736
6/10/2021 8:24 PM	0.825	1.073	2.733
6/10/2021 8:30 PM	0.802	1.105	2.734
6/10/2021 8:36 PM	0.821	1.118	2.723
6/10/2021 8:42 PM	0.806	1.108	2.716
6/10/2021 8:48 PM	0.77	1.095	2.729
6/10/2021 8:54 PM	0.74	1.106	2.781
6/10/2021 9:00 PM	0.695	1.106	2.789
6/10/2021 9:06 PM	0.672	1.108	2.833
6/10/2021 9:12 PM	0.659	1.13	2.835
6/10/2021 9:18 PM	0.687	1.154	2.833
6/10/2021 9:24 PM	0.707	1.165	2.876
6/10/2021 9:30 PM	0.722	1.191	2.853
6/10/2021 9:36 PM	0.727	1.221	2.803
6/10/2021 9:42 PM	0.716	1.2	2.806
6/10/2021 9:48 PM	0.718	1.243	2.828
6/10/2021 9:54 PM	0.724	1.259	2.798

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/10/2021 10:00 PM	0.672	1.266	2.749
6/10/2021 10:06 PM	0.609	1.156	2.73
6/10/2021 10:12 PM	0.639	1.144	2.705
6/10/2021 10:18 PM	0.698	1.236	2.712
6/10/2021 10:24 PM	0.693	1.223	2.764
6/10/2021 10:30 PM	0.694	1.176	2.8
6/10/2021 10:36 PM	0.676	1.255	2.788
6/10/2021 10:42 PM	0.639	1.212	2.762
6/10/2021 10:48 PM	0.637	1.198	2.807
6/10/2021 10:54 PM	0.657	1.201	2.781
6/10/2021 11:00 PM	0.702	1.219	2.708
6/10/2021 11:06 PM	0.674	1.252	2.713
6/10/2021 11:12 PM	0.499	1.362	2.712
6/10/2021 11:18 PM	0.414	1.268	2.733
6/10/2021 11:24 PM	0.416	1.077	2.737
6/10/2021 11:30 PM	0.433	1.123	2.721
6/10/2021 11:36 PM	0.442	1.138	2.717
6/10/2021 11:42 PM	0.423	1.149	2.72
6/10/2021 11:48 PM	0.427	1.279	2.738
6/10/2021 11:54 PM	0.45	1.221	2.759
6/11/2021 12:00 AM	0.477	1.173	2.75
6/11/2021 12:06 AM	0.456	1.28	2.743
6/11/2021 12:12 AM	0.433	1.193	2.746
6/11/2021 12:18 AM	0.42	1.125	2.762
6/11/2021 12:24 AM	0.413	1.288	2.8
6/11/2021 12:30 AM	0.378	1.214	2.792
6/11/2021 12:36 AM	0.348	0.997	2.835
6/11/2021 12:42 AM	0.383	1.223	2.843
6/11/2021 12:48 AM	0.469	1.427	2.949
6/11/2021 12:54 AM	0.334	1.402	3.089
6/11/2021 1:00 AM	-0.208	1.363	2.847
6/11/2021 1:06 AM	-0.502	1.364	2.787
6/11/2021 1:12 AM	-0.474	1.416	2.827
6/11/2021 1:18 AM	-0.498	1.399	2.805
6/11/2021 1:24 AM	-0.512	1.493	2.815
6/11/2021 1:30 AM	-0.499	1.543	2.832
6/11/2021 1:36 AM	-0.464	1.595	2.873
6/11/2021 1:42 AM	-0.45	1.559	2.864
6/11/2021 1:48 AM	-0.45	1.635	2.834
6/11/2021 1:54 AM	-0.415	1.649	2.809
6/11/2021 2:00 AM	-0.381	1.637	2.824
6/11/2021 2:06 AM	-0.367	1.668	2.877
6/11/2021 2:12 AM	-0.341	1.583	2.854
6/11/2021 2:18 AM	-0.351	1.546	2.865
6/11/2021 2:24 AM	-0.303	1.639	2.888
6/11/2021 2:30 AM	-0.287	1.635	2.809
6/11/2021 2:36 AM	-0.247	1.813	2.733
6/11/2021 2:42 AM	-0.242	1.952	2.751
6/11/2021 2:48 AM	-0.276	1.907	2.811
6/11/2021 2:54 AM	-0.316	1.707	2.77
6/11/2021 3:00 AM	-0.281	1.692	2.745
6/11/2021 3:06 AM	-0.246	1.755	2.751
6/11/2021 3:12 AM	-0.231	1.832	2.724
6/11/2021 3:18 AM	-0.199	1.754	2.772

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/11/2021 3:24 AM	-0.179	1.798	2.786
6/11/2021 3:30 AM	-0.186	1.906	2.766
6/11/2021 3:36 AM	-0.202	2.012	2.785
6/11/2021 3:42 AM	-0.209	1.999	2.82
6/11/2021 3:48 AM	-0.191	1.909	2.802
6/11/2021 3:54 AM	-0.178	2.023	2.765
6/11/2021 4:00 AM	-0.184	1.995	2.811
6/11/2021 4:06 AM	-0.156	2.039	2.872
6/11/2021 4:12 AM	-0.134	2.141	2.921
6/11/2021 4:18 AM	-0.11	2.164	2.942
6/11/2021 4:24 AM	-0.135	2.165	2.949
6/11/2021 4:30 AM	-0.134	2.178	2.915
6/11/2021 4:36 AM	-0.107	2.166	2.9
6/11/2021 4:42 AM	-0.13	2.103	2.853
6/11/2021 4:48 AM	-0.107	2.239	2.832
6/11/2021 4:54 AM	-0.128	2.336	2.804
6/11/2021 5:00 AM	-0.114	2.334	2.778
6/11/2021 5:06 AM	-0.09	2.459	2.835
6/11/2021 5:12 AM	-0.064	2.458	2.809
6/11/2021 5:18 AM	-0.079	2.442	2.75
6/11/2021 5:24 AM	-0.053	2.446	2.763
6/11/2021 5:30 AM	-0.031	2.491	2.789
6/11/2021 5:36 AM	-0.049	2.565	2.79
6/11/2021 5:42 AM	-0.082	2.555	2.789
6/11/2021 5:48 AM	-0.097	2.481	2.822
6/11/2021 5:54 AM	-0.087	2.523	2.805
6/11/2021 6:00 AM	-0.104	2.665	2.821
6/11/2021 6:06 AM	-0.08	2.618	2.827
6/11/2021 6:12 AM	-0.029	2.634	2.865
6/11/2021 6:18 AM	-0.056	2.675	2.853
6/11/2021 6:24 AM	-0.067	2.702	2.841
6/11/2021 6:30 AM	-0.043	2.681	2.871
6/11/2021 6:36 AM	-0.023	2.646	2.86
6/11/2021 6:42 AM	-0.004	2.621	2.828
6/11/2021 6:48 AM	0.008	2.699	2.823
6/11/2021 6:54 AM	0.019	2.702	2.835
6/11/2021 7:00 AM	-0.011	2.705	2.836
6/11/2021 7:06 AM	0.014	13.942	2.849
6/11/2021 7:12 AM	0.047	30.635	2.725
6/11/2021 7:18 AM	0.004	21.595	2.63
6/11/2021 7:24 AM	-0.035	15.744	2.667
6/11/2021 7:30 AM	-0.012	12.109	2.676
6/11/2021 7:36 AM	-0.005	10.259	2.674
6/11/2021 7:42 AM	-0.015	9.602	2.704
6/11/2021 7:48 AM	0.008	9.515	2.716
6/11/2021 7:54 AM	0.056	9.363	2.715
6/11/2021 8:00 AM	0.067	8.817	2.729
6/11/2021 8:06 AM	0.033	8.16	2.735
6/11/2021 8:12 AM	0.026	7.459	2.742
6/11/2021 8:18 AM	0.047	6.738	2.765
6/11/2021 8:24 AM	0.03	6.051	2.749
6/11/2021 8:30 AM	0.032	5.426	2.729
6/11/2021 8:36 AM	0.05	5.459	2.747
6/11/2021 8:42 AM	0.042	5.357	2.745

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/11/2021 8:48 AM	0.013	5.212	2.73
6/11/2021 8:54 AM	0.046	5.28	2.775
6/11/2021 9:00 AM	0.084	5.317	2.798
6/11/2021 9:06 AM	0.09	5.286	2.829
6/11/2021 9:12 AM	0.081	5.198	2.864
6/11/2021 9:18 AM	0.107	5.15	2.807
6/11/2021 9:24 AM	0.126	5.074	2.762
6/11/2021 9:30 AM	0.113	4.964	2.759
6/11/2021 9:36 AM	0.114	4.832	2.773
6/11/2021 9:42 AM	0.129	4.914	2.762
6/11/2021 9:48 AM	0.126	5.007	2.773
6/11/2021 9:54 AM	0.13	4.951	2.774
6/11/2021 10:00 AM	0.161	4.966	2.76
6/11/2021 10:06 AM	0.148	4.954	2.8
6/11/2021 10:12 AM	0.145	4.81	2.804
6/11/2021 10:18 AM	0.177	4.691	2.793
6/11/2021 10:24 AM	0.2	4.616	2.751
6/11/2021 10:30 AM	0.201	4.693	2.721
6/11/2021 10:36 AM	0.182	4.76	2.735
6/11/2021 10:42 AM	0.175	4.766	2.735
6/11/2021 10:48 AM	0.198	4.639	2.74
6/11/2021 10:54 AM	0.22	4.66	2.723
6/11/2021 11:00 AM	0.236	4.804	2.74
6/11/2021 11:06 AM	0.258	4.847	2.754
6/11/2021 11:12 AM	0.258	4.791	2.755
6/11/2021 11:18 AM	0.26	4.712	2.75
6/11/2021 11:24 AM	0.277	4.717	2.74
6/11/2021 11:30 AM	0.281	4.756	2.73
6/11/2021 11:36 AM	0.291	4.678	2.701
6/11/2021 11:42 AM	0.281	4.711	2.714
6/11/2021 11:48 AM	0.277	4.75	2.738
6/11/2021 11:54 AM	0.283	4.76	2.765
6/11/2021 12:00 PM	Calib	Calib	Calib
6/11/2021 12:06 PM	Calib	Calib	Calib
6/11/2021 12:12 PM	Maintain	Maintain	Maintain
6/11/2021 12:18 PM	<Samp	<Samp	<Samp
6/11/2021 12:24 PM	0.486	4.482	2.713
6/11/2021 12:30 PM	0.436	4.435	2.707
6/11/2021 12:36 PM	0.409	4.347	2.708
6/11/2021 12:42 PM	0.405	4.452	2.728
6/11/2021 12:48 PM	0.44	4.609	2.789
6/11/2021 12:54 PM	0.475	4.567	2.806
6/11/2021 1:00 PM	0.486	4.565	2.786
6/11/2021 1:06 PM	0.499	4.526	2.814
6/11/2021 1:12 PM	0.502	4.564	2.768
6/11/2021 1:18 PM	0.518	4.564	2.737
6/11/2021 1:24 PM	0.521	4.668	2.757
6/11/2021 1:30 PM	0.505	4.625	2.737
6/11/2021 1:36 PM	0.517	4.496	2.693
6/11/2021 1:42 PM	0.488	4.51	2.661
6/11/2021 1:48 PM	0.487	4.617	2.688
6/11/2021 1:54 PM	0.523	4.567	2.717
6/11/2021 2:00 PM	0.507	4.414	2.69
6/11/2021 2:06 PM	0.526	4.609	2.678

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/11/2021 2:12 PM	0.536	4.665	2.669
6/11/2021 2:18 PM	0.508	4.527	2.68
6/11/2021 2:24 PM	0.493	4.44	2.691
6/11/2021 2:30 PM	0.5	4.313	2.696
6/11/2021 2:36 PM	0.518	4.35	2.702
6/11/2021 2:42 PM	0.52	4.448	2.718
6/11/2021 2:48 PM	0.514	4.458	2.721
6/11/2021 2:54 PM	0.519	4.485	2.719
6/11/2021 3:00 PM	0.53	4.506	2.704
6/11/2021 3:06 PM	0.521	4.544	2.723
6/11/2021 3:12 PM	0.498	4.602	2.705
6/11/2021 3:18 PM	0.478	4.587	2.707
6/11/2021 3:24 PM	0.507	4.518	2.709
6/11/2021 3:30 PM	0.509	4.547	2.724
6/11/2021 3:36 PM	0.492	4.518	2.726
6/11/2021 3:42 PM	0.498	4.402	2.713
6/11/2021 3:48 PM	0.493	4.337	2.624
6/11/2021 3:54 PM	0.446	4.527	2.506
6/11/2021 4:00 PM	0.475	4.434	2.559
6/11/2021 4:06 PM	0.468	4.445	2.585
6/11/2021 4:12 PM	0.453	4.571	2.615
6/11/2021 4:18 PM	0.461	4.533	2.648
6/11/2021 4:24 PM	0.491	4.538	2.68
6/11/2021 4:30 PM	0.499	4.659	2.718
6/11/2021 4:36 PM	0.485	4.668	2.739
6/11/2021 4:42 PM	0.48	4.631	2.752
6/11/2021 4:48 PM	0.481	4.652	2.743
6/11/2021 4:54 PM	0.486	4.612	2.754
6/11/2021 5:00 PM	0.491	4.556	2.78
6/11/2021 5:06 PM	0.481	4.581	2.752
6/11/2021 5:12 PM	0.471	4.586	2.759
6/11/2021 5:18 PM	0.481	4.804	2.791
6/11/2021 5:24 PM	0.469	4.646	2.776
6/11/2021 5:30 PM	0.468	4.52	2.732
6/11/2021 5:36 PM	0.471	4.564	2.715
6/11/2021 5:42 PM	0.475	4.638	2.728
6/11/2021 5:48 PM	0.494	4.692	2.718
6/11/2021 5:54 PM	0.494	4.576	2.721
6/11/2021 6:00 PM	0.466	4.447	2.748
6/11/2021 6:06 PM	0.458	4.411	2.759
6/11/2021 6:12 PM	0.48	4.621	2.746
6/11/2021 6:18 PM	0.489	4.62	2.747
6/11/2021 6:24 PM	0.518	4.544	2.772
6/11/2021 6:30 PM	0.488	4.671	2.775
6/11/2021 6:36 PM	0.457	4.742	2.782
6/11/2021 6:42 PM	0.475	4.725	2.775
6/11/2021 6:48 PM	0.5	4.607	2.742
6/11/2021 6:54 PM	0.479	4.63	2.726
6/11/2021 7:00 PM	0.457	5.449	2.739
6/11/2021 7:06 PM	0.463	5.684	2.778
6/11/2021 7:12 PM	0.462	5.382	2.771
6/11/2021 7:18 PM	0.463	5.329	2.763
6/11/2021 7:24 PM	0.48	5.357	2.757
6/11/2021 7:30 PM	0.496	5.25	2.779

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/11/2021 7:36 PM	0.498	5.056	2.806
6/11/2021 7:42 PM	0.491	5.078	2.777
6/11/2021 7:48 PM	0.47	5.008	2.749
6/11/2021 7:54 PM	0.471	5.022	2.739
6/11/2021 8:00 PM	0.478	5.227	2.722
6/11/2021 8:06 PM	0.482	5.232	2.753
6/11/2021 8:12 PM	0.468	5	2.768
6/11/2021 8:18 PM	0.448	4.925	2.763
6/11/2021 8:24 PM	0.455	5.026	2.754
6/11/2021 8:30 PM	0.47	5.222	2.749
6/11/2021 8:36 PM	0.475	5.21	2.763
6/11/2021 8:42 PM	0.462	5.283	2.761
6/11/2021 8:48 PM	0.46	5.284	2.744
6/11/2021 8:54 PM	0.483	5.218	2.749
6/11/2021 9:00 PM	0.476	5.21	2.79
6/11/2021 9:06 PM	0.459	5.148	2.773
6/11/2021 9:12 PM	0.466	5.13	2.746
6/11/2021 9:18 PM	0.459	5.167	2.782
6/11/2021 9:24 PM	0.442	5.247	2.764
6/11/2021 9:30 PM	0.46	5.172	2.762
6/11/2021 9:36 PM	0.449	5.17	2.81
6/11/2021 9:42 PM	0.467	5.137	2.799
6/11/2021 9:48 PM	0.501	5.076	2.717
6/11/2021 9:54 PM	0.492	5.051	2.746
6/11/2021 10:00 PM	0.495	4.916	2.778
6/11/2021 10:06 PM	0.48	4.909	2.788
6/11/2021 10:12 PM	0.493	4.989	2.767
6/11/2021 10:18 PM	0.498	5.278	2.759
6/11/2021 10:24 PM	0.484	5.273	2.757
6/11/2021 10:30 PM	0.49	5.097	2.733
6/11/2021 10:36 PM	0.474	5.079	2.727
6/11/2021 10:42 PM	0.49	5.194	2.742
6/11/2021 10:48 PM	0.516	5.286	2.743
6/11/2021 10:54 PM	0.495	5.232	2.762
6/11/2021 11:00 PM	0.489	5.225	2.76
6/11/2021 11:06 PM	0.513	5.234	2.738
6/11/2021 11:12 PM	0.494	5.195	2.716
6/11/2021 11:18 PM	0.496	5.268	2.723
6/11/2021 11:24 PM	0.483	5.417	2.754
6/11/2021 11:30 PM	0.48	5.357	2.741
6/11/2021 11:36 PM	0.47	5.157	2.755
6/11/2021 11:42 PM	0.475	5.125	2.78
6/11/2021 11:48 PM	0.468	5.041	2.755
6/11/2021 11:54 PM	0.486	5.13	2.44
6/12/2021 12:00 AM	0.497	5.107	1.401
6/12/2021 12:06 AM	0.49	4.977	0.705
6/12/2021 12:12 AM	0.523	4.866	0.745
6/12/2021 12:18 AM	0.525	4.812	0.76
6/12/2021 12:24 AM	0.538	4.723	0.787
6/12/2021 12:30 AM	0.513	4.632	0.787
6/12/2021 12:36 AM	0.511	4.748	0.766
6/12/2021 12:42 AM	0.509	4.811	0.773
6/12/2021 12:48 AM	0.487	4.955	0.769
6/12/2021 12:54 AM	0.488	4.961	0.778

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/12/2021 1:00 AM	0.478	4.783	0.785
6/12/2021 1:06 AM	0.486	4.855	0.808
6/12/2021 1:12 AM	0.496	5.009	0.804
6/12/2021 1:18 AM	0.491	5.031	0.799
6/12/2021 1:24 AM	0.479	4.968	0.8
6/12/2021 1:30 AM	0.484	4.942	0.779
6/12/2021 1:36 AM	0.496	5.043	0.792
6/12/2021 1:42 AM	0.494	5.146	0.79
6/12/2021 1:48 AM	0.494	5.047	0.777
6/12/2021 1:54 AM	0.486	5.229	0.801
6/12/2021 2:00 AM	0.494	5.386	0.805
6/12/2021 2:06 AM	0.498	5.377	0.802
6/12/2021 2:12 AM	0.495	5.445	0.814
6/12/2021 2:18 AM	0.484	5.367	0.83
6/12/2021 2:24 AM	0.484	5.406	0.821
6/12/2021 2:30 AM	0.466	5.436	0.821
6/12/2021 2:36 AM	0.49	5.371	0.826
6/12/2021 2:42 AM	0.496	5.228	0.825
6/12/2021 2:48 AM	0.482	5.053	0.821
6/12/2021 2:54 AM	0.49	5.147	0.825
6/12/2021 3:00 AM	0.488	5.274	0.821
6/12/2021 3:06 AM	0.483	5.302	0.815
6/12/2021 3:12 AM	0.482	5.413	0.811
6/12/2021 3:18 AM	0.493	5.428	0.811
6/12/2021 3:24 AM	0.487	5.329	0.796
6/12/2021 3:30 AM	0.474	5.159	0.783
6/12/2021 3:36 AM	0.481	5.135	0.793
6/12/2021 3:42 AM	0.491	5.118	0.791
6/12/2021 3:48 AM	0.484	5.148	0.787
6/12/2021 3:54 AM	0.488	5.255	0.802
6/12/2021 4:00 AM	0.506	5.217	0.811
6/12/2021 4:06 AM	0.506	5.257	0.803
6/12/2021 4:12 AM	0.495	5.425	0.81
6/12/2021 4:18 AM	0.484	5.296	0.811
6/12/2021 4:24 AM	0.473	4.988	0.824
6/12/2021 4:30 AM	0.487	4.834	0.826
6/12/2021 4:36 AM	0.493	4.892	0.811
6/12/2021 4:42 AM	0.491	4.864	0.816
6/12/2021 4:48 AM	0.477	4.963	0.826
6/12/2021 4:54 AM	0.47	5.025	0.815
6/12/2021 5:00 AM	0.478	4.969	0.807
6/12/2021 5:06 AM	0.477	5.028	0.827
6/12/2021 5:12 AM	0.483	5.031	0.831
6/12/2021 5:18 AM	0.48	5.046	0.816
6/12/2021 5:24 AM	0.461	5.112	0.813
6/12/2021 5:30 AM	0.442	5.135	0.803
6/12/2021 5:36 AM	0.431	5.107	0.811
6/12/2021 5:42 AM	0.425	5.029	0.82
6/12/2021 5:48 AM	0.447	5.053	0.83
6/12/2021 5:54 AM	0.459	5.096	0.839
6/12/2021 6:00 AM	0.467	5.195	0.83
6/12/2021 6:06 AM	0.45	5.186	0.829
6/12/2021 6:12 AM	0.438	5.111	0.831
6/12/2021 6:18 AM	0.444	5.032	0.832

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/12/2021 6:24 AM	0.451	4.958	0.829
6/12/2021 6:30 AM	0.45	4.975	0.823
6/12/2021 6:36 AM	0.444	5.024	0.817
6/12/2021 6:42 AM	0.433	5.089	0.811
6/12/2021 6:48 AM	0.433	5.056	0.812
6/12/2021 6:54 AM	0.431	5.022	0.82
6/12/2021 7:00 AM	0.436	5.132	0.83
6/12/2021 7:06 AM	0.448	5.151	0.835
6/12/2021 7:12 AM	0.447	5.134	0.841
6/12/2021 7:18 AM	0.44	5.165	0.826
6/12/2021 7:24 AM	0.445	5.233	0.828
6/12/2021 7:30 AM	0.445	5.258	0.826
6/12/2021 7:36 AM	0.445	5.224	0.822
6/12/2021 7:42 AM	0.435	4.992	0.811
6/12/2021 7:48 AM	0.43	4.939	0.806
6/12/2021 7:54 AM	0.437	4.868	0.812
6/12/2021 8:00 AM	0.431	4.976	0.816
6/12/2021 8:06 AM	0.439	5.013	0.801
6/12/2021 8:12 AM	0.434	4.957	0.796
6/12/2021 8:18 AM	0.418	4.894	0.801
6/12/2021 8:24 AM	0.43	4.858	0.815
6/12/2021 8:30 AM	0.412	4.828	0.825
6/12/2021 8:36 AM	0.411	4.73	0.827
6/12/2021 8:42 AM	0.41	4.653	0.831
6/12/2021 8:48 AM	0.414	4.72	0.827
6/12/2021 8:54 AM	0.419	4.873	0.836
6/12/2021 9:00 AM	0.403	4.965	0.841
6/12/2021 9:06 AM	0.397	4.842	0.833
6/12/2021 9:12 AM	0.38	4.747	0.84
6/12/2021 9:18 AM	5.437	5.132	0.849
6/12/2021 9:24 AM	9.857	5.191	0.843
6/12/2021 9:30 AM	6.178	4.88	0.84
6/12/2021 9:36 AM	3.913	4.803	0.848
6/12/2021 9:42 AM	3.16	4.544	0.863
6/12/2021 9:48 AM	3.155	4.554	0.867
6/12/2021 9:54 AM	2.533	4.55	0.876
6/12/2021 10:00 AM	1.55	4.344	0.889
6/12/2021 10:06 AM	1.453	4.35	0.888
6/12/2021 10:12 AM	1.504	4.535	0.884
6/12/2021 10:18 AM	1.546	4.598	0.887
6/12/2021 10:24 AM	1.536	4.557	0.895
6/12/2021 10:30 AM	1.502	4.669	0.902
6/12/2021 10:36 AM	1.45	4.738	0.893
6/12/2021 10:42 AM	1.305	4.482	0.888
6/12/2021 10:48 AM	1.174	4.459	0.893
6/12/2021 10:54 AM	1.07	4.674	0.895
6/12/2021 11:00 AM	1.041	4.687	0.895
6/12/2021 11:06 AM	0.884	4.603	0.901
6/12/2021 11:12 AM	0.752	4.672	0.898
6/12/2021 11:18 AM	0.865	4.657	0.906
6/12/2021 11:24 AM	1.075	4.713	0.915
6/12/2021 11:30 AM	1.266	4.744	0.911
6/12/2021 11:36 AM	1.333	4.634	0.911
6/12/2021 11:42 AM	1.369	4.742	0.914

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/12/2021 11:48 AM	1.374	4.849	0.916
6/12/2021 11:54 AM	1.337	4.789	0.906
6/12/2021 12:00 PM	1.298	4.802	0.885
6/12/2021 12:06 PM	1.105	5.077	0.85
6/12/2021 12:12 PM	1.057	5.191	0.859
6/12/2021 12:18 PM	1.16	5.235	0.854
6/12/2021 12:24 PM	1.232	5.104	0.845
6/12/2021 12:30 PM	1.225	5.207	0.844
6/12/2021 12:36 PM	1.235	5.249	0.845
6/12/2021 12:42 PM	1.207	5.168	0.845
6/12/2021 12:48 PM	1.2	5.22	0.851
6/12/2021 12:54 PM	1.178	5.34	0.846
6/12/2021 1:00 PM	1.129	5.324	0.84
6/12/2021 1:06 PM	1.03	5.178	0.835
6/12/2021 1:12 PM	0.873	5.124	0.829
6/12/2021 1:18 PM	0.752	5.161	0.83
6/12/2021 1:24 PM	0.651	5.157	0.839
6/12/2021 1:30 PM	0.543	5.114	0.858
6/12/2021 1:36 PM	0.433	5.118	0.855
6/12/2021 1:42 PM	0.36	5.175	0.857
6/12/2021 1:48 PM	0.363	5.14	0.859
6/12/2021 1:54 PM	0.357	5.088	0.854
6/12/2021 2:00 PM	0.339	5.258	0.857
6/12/2021 2:06 PM	0.333	5.316	0.856
6/12/2021 2:12 PM	0.345	5.396	0.857
6/12/2021 2:18 PM	0.324	5.325	0.869
6/12/2021 2:24 PM	0.284	5.285	0.877
6/12/2021 2:30 PM	0.229	5.289	0.878
6/12/2021 2:36 PM	0.211	5.189	0.882
6/12/2021 2:42 PM	0.176	5.117	0.878
6/12/2021 2:48 PM	0.173	5.283	0.88
6/12/2021 2:54 PM	0.2	5.301	0.879
6/12/2021 3:00 PM	0.199	5.076	0.88
6/12/2021 3:06 PM	0.224	4.998	0.888
6/12/2021 3:12 PM	0.218	4.959	0.883
6/12/2021 3:18 PM	0.237	5.012	0.881
6/12/2021 3:24 PM	0.322	5.123	0.882
6/12/2021 3:30 PM	0.428	5.272	0.885
6/12/2021 3:36 PM	0.583	5.242	0.89
6/12/2021 3:42 PM	0.677	5.206	0.894
6/12/2021 3:48 PM	0.71	5.238	0.898
6/12/2021 3:54 PM	0.737	5.116	0.91
6/12/2021 4:00 PM	0.739	5.029	0.915
6/12/2021 4:06 PM	0.733	4.935	0.913
6/12/2021 4:12 PM	0.735	4.652	0.911
6/12/2021 4:18 PM	0.754	4.638	0.911
6/12/2021 4:24 PM	0.76	4.506	0.909
6/12/2021 4:30 PM	0.727	4.638	0.916
6/12/2021 4:36 PM	0.765	4.688	0.922
6/12/2021 4:42 PM	0.848	4.642	0.928
6/12/2021 4:48 PM	0.906	4.614	0.928
6/12/2021 4:54 PM	0.911	4.476	0.93
6/12/2021 5:00 PM	0.912	4.512	0.932
6/12/2021 5:06 PM	0.871	4.659	0.935

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/12/2021 5:12 PM	0.851	4.6	0.941
6/12/2021 5:18 PM	0.828	4.479	0.949
6/12/2021 5:24 PM	0.813	4.489	0.954
6/12/2021 5:30 PM	0.833	4.494	0.959
6/12/2021 5:36 PM	0.812	4.236	0.968
6/12/2021 5:42 PM	0.817	4.278	0.969
6/12/2021 5:48 PM	0.844	4.461	0.972
6/12/2021 5:54 PM	0.859	4.506	0.977
6/12/2021 6:00 PM	0.853	4.68	0.977
6/12/2021 6:06 PM	0.857	4.702	0.977
6/12/2021 6:12 PM	0.86	4.516	0.981
6/12/2021 6:18 PM	0.821	4.4	0.98
6/12/2021 6:24 PM	0.775	4.466	0.979
6/12/2021 6:30 PM	0.772	4.691	0.988
6/12/2021 6:36 PM	0.81	4.616	1.001
6/12/2021 6:42 PM	0.874	4.588	1.016
6/12/2021 6:48 PM	0.891	4.581	1.027
6/12/2021 6:54 PM	0.848	4.524	1.031
6/12/2021 7:00 PM	0.821	4.571	1.032
6/12/2021 7:06 PM	0.804	4.714	1.032
6/12/2021 7:12 PM	0.755	4.748	1.034
6/12/2021 7:18 PM	0.723	4.645	1.032
6/12/2021 7:24 PM	0.763	4.514	1.034
6/12/2021 7:30 PM	0.778	4.447	1.038
6/12/2021 7:36 PM	0.777	4.494	1.034
6/12/2021 7:42 PM	0.787	4.565	1.032
6/12/2021 7:48 PM	0.778	4.511	1.033
6/12/2021 7:54 PM	0.786	4.39	1.033
6/12/2021 8:00 PM	0.808	4.463	1.032
6/12/2021 8:06 PM	0.774	4.474	1.027
6/12/2021 8:12 PM	0.696	4.459	1.029
6/12/2021 8:18 PM	0.655	4.547	1.039
6/12/2021 8:24 PM	0.661	4.407	1.046
6/12/2021 8:30 PM	0.693	4.308	1.046
6/12/2021 8:36 PM	0.722	4.399	1.044
6/12/2021 8:42 PM	0.704	4.435	1.051
6/12/2021 8:48 PM	0.672	4.244	1.054
6/12/2021 8:54 PM	0.66	4.195	1.05
6/12/2021 9:00 PM	0.626	4.343	1.051
6/12/2021 9:06 PM	0.578	4.318	1.05
6/12/2021 9:12 PM	0.572	4.367	1.053
6/12/2021 9:18 PM	0.578	4.363	1.049
6/12/2021 9:24 PM	0.588	4.339	1.037
6/12/2021 9:30 PM	0.584	4.454	1.036
6/12/2021 9:36 PM	0.576	4.472	1.041
6/12/2021 9:42 PM	0.547	4.409	1.046
6/12/2021 9:48 PM	0.553	4.348	1.048
6/12/2021 9:54 PM	0.622	4.393	1.045
6/12/2021 10:00 PM	0.645	4.396	1.045
6/12/2021 10:06 PM	0.667	4.403	1.044
6/12/2021 10:12 PM	0.663	4.408	1.046
6/12/2021 10:18 PM	0.616	4.367	1.049
6/12/2021 10:24 PM	0.594	4.302	1.056
6/12/2021 10:30 PM	0.601	4.421	1.063

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/12/2021 10:36 PM	0.588	4.375	1.064
6/12/2021 10:42 PM	0.579	4.177	1.064
6/12/2021 10:48 PM	0.578	4.273	1.07
6/12/2021 10:54 PM	0.572	4.338	1.075
6/12/2021 11:00 PM	0.564	4.255	1.078
6/12/2021 11:06 PM	0.571	4.26	1.078
6/12/2021 11:12 PM	0.567	4.331	1.079
6/12/2021 11:18 PM	0.575	4.359	1.086
6/12/2021 11:24 PM	0.579	4.276	1.092
6/12/2021 11:30 PM	0.595	4.226	1.096
6/12/2021 11:36 PM	0.632	4.192	1.102
6/12/2021 11:42 PM	0.651	4.176	1.104
6/12/2021 11:48 PM	0.673	4.096	1.102
6/12/2021 11:54 PM	0.716	4.121	1.107
6/13/2021 12:00 AM	0.724	4.263	1.107
6/13/2021 12:06 AM	0.785	4.29	1.113
6/13/2021 12:12 AM	1.077	2.61	1.121
6/13/2021 12:18 AM	0.998	2.415	1.121
6/13/2021 12:24 AM	0.755	2.924	1.116
6/13/2021 12:30 AM	0.551	1.808	1.113
6/13/2021 12:36 AM	0.42	1.249	1.119
6/13/2021 12:42 AM	0.356	1.077	1.116
6/13/2021 12:48 AM	0.341	1.039	1.116
6/13/2021 12:54 AM	0.44	1.02	1.12
6/13/2021 1:00 AM	0.586	0.995	1.122
6/13/2021 1:06 AM	0.691	1.017	1.126
6/13/2021 1:12 AM	0.745	1.013	1.124
6/13/2021 1:18 AM	0.824	1.036	1.119
6/13/2021 1:24 AM	0.923	0.978	1.116
6/13/2021 1:30 AM	0.967	0.902	1.118
6/13/2021 1:36 AM	0.941	0.887	1.117
6/13/2021 1:42 AM	0.88	0.945	1.119
6/13/2021 1:48 AM	0.876	0.934	1.121
6/13/2021 1:54 AM	0.917	0.914	1.12
6/13/2021 2:00 AM	0.967	0.98	1.123
6/13/2021 2:06 AM	0.968	0.986	1.124
6/13/2021 2:12 AM	0.943	0.916	1.127
6/13/2021 2:18 AM	0.913	0.941	1.125
6/13/2021 2:24 AM	0.961	0.909	1.125
6/13/2021 2:30 AM	1.054	0.956	1.127
6/13/2021 2:36 AM	1.021	1.01	1.13
6/13/2021 2:42 AM	0.855	0.987	1.131
6/13/2021 2:48 AM	0.753	0.974	1.13
6/13/2021 2:54 AM	0.755	1.089	1.131
6/13/2021 3:00 AM	0.705	1.12	1.131
6/13/2021 3:06 AM	0.667	1.008	1.131
6/13/2021 3:12 AM	0.666	1.049	1.134
6/13/2021 3:18 AM	0.639	1.068	1.134
6/13/2021 3:24 AM	0.554	1.101	1.132
6/13/2021 3:30 AM	0.481	1.026	1.134
6/13/2021 3:36 AM	0.47	1.102	1.14
6/13/2021 3:42 AM	0.455	1.203	1.14
6/13/2021 3:48 AM	0.474	1.135	1.141
6/13/2021 3:54 AM	0.502	1.047	1.139

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/13/2021 4:00 AM	0.533	1.116	1.14
6/13/2021 4:06 AM	0.479	1.238	1.141
6/13/2021 4:12 AM	0.459	1.162	1.138
6/13/2021 4:18 AM	0.467	1.142	1.136
6/13/2021 4:24 AM	0.41	1.193	1.135
6/13/2021 4:30 AM	0.413	1.176	1.139
6/13/2021 4:36 AM	0.442	1.221	1.144
6/13/2021 4:42 AM	0.433	1.241	1.147
6/13/2021 4:48 AM	0.414	1.143	1.145
6/13/2021 4:54 AM	0.379	1.177	1.141
6/13/2021 5:00 AM	0.399	1.188	1.142
6/13/2021 5:06 AM	0.408	1.187	1.143
6/13/2021 5:12 AM	0.368	1.131	1.143
6/13/2021 5:18 AM	0.292	1.21	1.141
6/13/2021 5:24 AM	0.29	1.229	1.139
6/13/2021 5:30 AM	0.295	1.087	1.136
6/13/2021 5:36 AM	0.299	1.086	1.135
6/13/2021 5:42 AM	0.292	1.128	1.134
6/13/2021 5:48 AM	0.272	1.1	1.135
6/13/2021 5:54 AM	0.302	1.12	1.137
6/13/2021 6:00 AM	0.323	1.084	1.136
6/13/2021 6:06 AM	0.296	1.055	1.133
6/13/2021 6:12 AM	0.295	1.06	1.131
6/13/2021 6:18 AM	0.307	1.1	1.128
6/13/2021 6:24 AM	0.295	1.112	1.129
6/13/2021 6:30 AM	0.321	1.084	1.129
6/13/2021 6:36 AM	0.336	1.055	1.122
6/13/2021 6:42 AM	0.34	1.08	1.106
6/13/2021 6:48 AM	0.349	1.067	1.098
6/13/2021 6:54 AM	0.331	1.085	1.088
6/13/2021 7:00 AM	0.353	1.078	1.075
6/13/2021 7:06 AM	0.378	1.055	1.067
6/13/2021 7:12 AM	0.332	1.017	1.061
6/13/2021 7:18 AM	0.347	1.023	1.053
6/13/2021 7:24 AM	0.36	1.028	1.052
6/13/2021 7:30 AM	0.348	1.1	1.055
6/13/2021 7:36 AM	0.351	1.082	1.056
6/13/2021 7:42 AM	0.345	1.082	1.057
6/13/2021 7:48 AM	0.269	1.089	1.055
6/13/2021 7:54 AM	0.275	1.141	1.058
6/13/2021 8:00 AM	0.299	1.141	1.06
6/13/2021 8:06 AM	0.315	1.075	1.056
6/13/2021 8:12 AM	0.332	0.997	1.052
6/13/2021 8:18 AM	0.338	0.967	1.054
6/13/2021 8:24 AM	0.331	1.014	1.057
6/13/2021 8:30 AM	0.328	0.996	1.057
6/13/2021 8:36 AM	0.337	1.014	1.057
6/13/2021 8:42 AM	0.376	1.099	1.056
6/13/2021 8:48 AM	0.389	1.107	1.056
6/13/2021 8:54 AM	0.396	1.112	1.053
6/13/2021 9:00 AM	0.376	1.14	1.05
6/13/2021 9:06 AM	0.31	1.146	1.05
6/13/2021 9:12 AM	0.33	1.109	1.053
6/13/2021 9:18 AM	0.35	1.095	1.056

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/13/2021 9:24 AM	0.354	1.11	1.061
6/13/2021 9:30 AM	0.37	1.13	1.071
6/13/2021 9:36 AM	0.374	1.13	1.08
6/13/2021 9:42 AM	0.302	19.151	1.083
6/13/2021 9:48 AM	0.222	28.945	1.084
6/13/2021 9:54 AM	0.316	11.204	1.089
6/13/2021 10:00 AM	0.39	9.852	1.094
6/13/2021 10:06 AM	0.432	9.707	1.096
6/13/2021 10:12 AM	0.477	9.241	1.095
6/13/2021 10:18 AM	0.504	8.372	1.1
6/13/2021 10:24 AM	0.525	7.637	1.106
6/13/2021 10:30 AM	0.548	6.899	1.11
6/13/2021 10:36 AM	0.542	6.388	1.111
6/13/2021 10:42 AM	0.541	6.235	1.108
6/13/2021 10:48 AM	0.538	6.14	1.103
6/13/2021 10:54 AM	0.529	5.975	1.104
6/13/2021 11:00 AM	0.539	5.813	1.107
6/13/2021 11:06 AM	0.544	5.764	1.114
6/13/2021 11:12 AM	0.507	5.537	1.123
6/13/2021 11:18 AM	0.488	5.222	1.125
6/13/2021 11:24 AM	0.49	5.132	1.123
6/13/2021 11:30 AM	0.483	5.074	1.121
6/13/2021 11:36 AM	0.453	5.145	1.123
6/13/2021 11:42 AM	0.427	5.058	1.127
6/13/2021 11:48 AM	0.416	4.991	1.124
6/13/2021 11:54 AM	0.404	5.001	1.119
6/13/2021 12:00 PM	0.38	4.928	1.122
6/13/2021 12:06 PM	0.284	4.701	1.141
6/13/2021 12:12 PM	0.258	4.699	1.142
6/13/2021 12:18 PM	0.263	4.613	1.145
6/13/2021 12:24 PM	0.262	4.581	1.146
6/13/2021 12:30 PM	0.254	4.478	1.146
6/13/2021 12:36 PM	0.259	4.483	1.148
6/13/2021 12:42 PM	0.285	4.567	1.148
6/13/2021 12:48 PM	0.28	4.513	1.151
6/13/2021 12:54 PM	0.275	4.542	1.154
6/13/2021 1:00 PM	0.297	4.612	1.161
6/13/2021 1:06 PM	0.3	4.552	1.167
6/13/2021 1:12 PM	0.288	4.498	1.169
6/13/2021 1:18 PM	0.292	4.508	1.172
6/13/2021 1:24 PM	0.286	4.493	1.178
6/13/2021 1:30 PM	0.27	4.443	1.18
6/13/2021 1:36 PM	0.286	4.488	1.179
6/13/2021 1:42 PM	0.287	4.499	1.183
6/13/2021 1:48 PM	0.267	4.498	1.185
6/13/2021 1:54 PM	0.281	4.371	1.186
6/13/2021 2:00 PM	0.287	4.259	1.19
6/13/2021 2:06 PM	0.266	4.331	1.195
6/13/2021 2:12 PM	0.27	4.345	1.202
6/13/2021 2:18 PM	0.248	4.29	1.203
6/13/2021 2:24 PM	0.215	4.263	1.203
6/13/2021 2:30 PM	0.196	4.22	1.203
6/13/2021 2:36 PM	0.176	4.229	1.203
6/13/2021 2:42 PM	0.149	4.303	1.198

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/13/2021 2:48 PM	0.139	4.276	1.188
6/13/2021 2:54 PM	0.139	4.191	1.177
6/13/2021 3:00 PM	0.149	4.175	1.171
6/13/2021 3:06 PM	0.146	4.099	1.17
6/13/2021 3:12 PM	0.111	4.096	1.168
6/13/2021 3:18 PM	0.1	4.043	1.166
6/13/2021 3:24 PM	0.096	4.033	1.168
6/13/2021 3:30 PM	0.082	4.038	1.168
6/13/2021 3:36 PM	0.067	4.069	1.166
6/13/2021 3:42 PM	0.078	4.071	1.161
6/13/2021 3:48 PM	0.085	4.008	1.157
6/13/2021 3:54 PM	0.081	3.969	1.153
6/13/2021 4:00 PM	0.129	4.055	1.153
6/13/2021 4:06 PM	0.25	4.044	1.155
6/13/2021 4:12 PM	0.44	3.853	1.16
6/13/2021 4:18 PM	0.537	3.912	1.165
6/13/2021 4:24 PM	0.567	4.006	1.165
6/13/2021 4:30 PM	0.595	3.909	1.165
6/13/2021 4:36 PM	0.613	3.908	1.163
6/13/2021 4:42 PM	0.617	3.954	1.159
6/13/2021 4:48 PM	0.614	3.956	1.158
6/13/2021 4:54 PM	0.662	4.096	1.16
6/13/2021 5:00 PM	0.686	4.11	1.159
6/13/2021 5:06 PM	0.661	4.055	1.158
6/13/2021 5:12 PM	0.648	4.035	1.158
6/13/2021 5:18 PM	0.657	3.985	1.16
6/13/2021 5:24 PM	0.643	3.916	1.163
6/13/2021 5:30 PM	0.637	3.94	1.166
6/13/2021 5:36 PM	0.663	4.022	1.167
6/13/2021 5:42 PM	0.686	4.064	1.166
6/13/2021 5:48 PM	0.676	4.077	1.163
6/13/2021 5:54 PM	0.653	3.9	1.163
6/13/2021 6:00 PM	0.653	3.858	1.166
6/13/2021 6:06 PM	0.683	4.005	1.168
6/13/2021 6:12 PM	0.714	4.032	1.168
6/13/2021 6:18 PM	0.741	4.017	1.168
6/13/2021 6:24 PM	0.745	3.993	1.168
6/13/2021 6:30 PM	0.713	3.933	1.167
6/13/2021 6:36 PM	0.695	4.02	1.167
6/13/2021 6:42 PM	0.704	4.144	1.17
6/13/2021 6:48 PM	0.716	4.077	1.172
6/13/2021 6:54 PM	0.698	3.933	1.173
6/13/2021 7:00 PM	0.706	3.936	1.174
6/13/2021 7:06 PM	0.714	4.024	1.176
6/13/2021 7:12 PM	0.696	3.981	1.177
6/13/2021 7:18 PM	0.689	3.957	1.178
6/13/2021 7:24 PM	0.7	3.922	1.179
6/13/2021 7:30 PM	0.693	3.891	1.18
6/13/2021 7:36 PM	0.671	3.934	1.179
6/13/2021 7:42 PM	0.683	3.829	1.178
6/13/2021 7:48 PM	0.691	3.78	1.177
6/13/2021 7:54 PM	0.674	3.77	1.176
6/13/2021 8:00 PM	0.657	3.739	1.176
6/13/2021 8:06 PM	0.652	3.825	1.176

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/13/2021 8:12 PM	0.659	3.809	1.177
6/13/2021 8:18 PM	0.642	3.784	1.178
6/13/2021 8:24 PM	0.637	3.865	1.181
6/13/2021 8:30 PM	0.626	3.881	1.183
6/13/2021 8:36 PM	0.625	3.793	1.183
6/13/2021 8:42 PM	0.629	3.851	1.181
6/13/2021 8:48 PM	0.595	3.905	1.179
6/13/2021 8:54 PM	0.596	3.941	1.182
6/13/2021 9:00 PM	0.616	3.944	1.186
6/13/2021 9:06 PM	0.651	3.997	1.189
6/13/2021 9:12 PM	0.647	3.955	1.185
6/13/2021 9:18 PM	0.633	3.963	1.181
6/13/2021 9:24 PM	0.618	4.063	1.179
6/13/2021 9:30 PM	0.615	4.035	1.178
6/13/2021 9:36 PM	0.616	3.966	1.176
6/13/2021 9:42 PM	0.613	3.975	1.176
6/13/2021 9:48 PM	0.599	3.958	1.179
6/13/2021 9:54 PM	0.593	3.948	1.181
6/13/2021 10:00 PM	0.621	4.078	1.185
6/13/2021 10:06 PM	0.63	4.05	1.184
6/13/2021 10:12 PM	0.617	4.037	1.182
6/13/2021 10:18 PM	0.62	4.082	1.183
6/13/2021 10:24 PM	0.635	4.04	1.186
6/13/2021 10:30 PM	0.66	4.039	1.19
6/13/2021 10:36 PM	0.655	3.949	1.193
6/13/2021 10:42 PM	0.64	3.948	1.195
6/13/2021 10:48 PM	0.622	4.05	1.195
6/13/2021 10:54 PM	0.635	4.16	1.193
6/13/2021 11:00 PM	0.673	4.091	1.189
6/13/2021 11:06 PM	0.679	4.052	1.188
6/13/2021 11:12 PM	0.658	4.021	1.186
6/13/2021 11:18 PM	0.637	4.05	1.184
6/13/2021 11:24 PM	0.639	4.074	1.182
6/13/2021 11:30 PM	0.64	3.991	1.181
6/13/2021 11:36 PM	0.619	4.016	1.179
6/13/2021 11:42 PM	0.606	4.093	1.18
6/13/2021 11:48 PM	0.644	4.104	1.187
6/13/2021 11:54 PM	0.64	4.143	1.19
6/14/2021 12:00 AM	0.63	4.223	1.19
6/14/2021 12:06 AM	0.643	4.166	1.196
6/14/2021 12:12 AM	0.642	4.069	1.2
6/14/2021 12:18 AM	0.638	4.061	1.198
6/14/2021 12:24 AM	0.841	3.928	1.198
6/14/2021 12:30 AM	0.951	1.98	1.196
6/14/2021 12:36 AM	0.758	0.496	1.195
6/14/2021 12:42 AM	0.704	0.578	1.194
6/14/2021 12:48 AM	0.684	0.604	1.193
6/14/2021 12:54 AM	0.668	0.569	1.194
6/14/2021 1:00 AM	0.672	0.552	1.193
6/14/2021 1:06 AM	0.704	0.587	1.192
6/14/2021 1:12 AM	0.693	0.57	1.19
6/14/2021 1:18 AM	0.606	0.552	1.187
6/14/2021 1:24 AM	0.547	0.561	1.183
6/14/2021 1:30 AM	0.46	0.5	1.178

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/14/2021 1:36 AM	0.37	0.465	1.175
6/14/2021 1:42 AM	0.321	0.428	1.177
6/14/2021 1:48 AM	0.274	0.482	1.18
6/14/2021 1:54 AM	0.202	0.547	1.182
6/14/2021 2:00 AM	0.15	0.47	1.182
6/14/2021 2:06 AM	0.119	0.467	1.179
6/14/2021 2:12 AM	0.107	0.508	1.175
6/14/2021 2:18 AM	0.076	0.513	1.173
6/14/2021 2:24 AM	0.033	0.528	1.172
6/14/2021 2:30 AM	0.026	0.514	1.173
6/14/2021 2:36 AM	0.025	0.479	1.174
6/14/2021 2:42 AM	0.01	0.437	1.176
6/14/2021 2:48 AM	0.01	0.441	1.179
6/14/2021 2:54 AM	-0.015	0.478	1.18
6/14/2021 3:00 AM	-0.058	0.452	1.183
6/14/2021 3:06 AM	-0.035	0.44	1.186
6/14/2021 3:12 AM	0.003	0.45	1.188
6/14/2021 3:18 AM	0	0.496	1.187
6/14/2021 3:24 AM	0	0.534	1.185
6/14/2021 3:30 AM	-0.027	0.519	1.187
6/14/2021 3:36 AM	-0.023	0.485	1.191
6/14/2021 3:42 AM	0.025	0.485	1.196
6/14/2021 3:48 AM	0.037	0.464	1.198
6/14/2021 3:54 AM	0.025	0.444	1.197
6/14/2021 4:00 AM	0.016	0.478	1.197
6/14/2021 4:06 AM	0.021	0.461	1.195
6/14/2021 4:12 AM	0.038	0.421	1.194
6/14/2021 4:18 AM	0.069	0.476	1.194
6/14/2021 4:24 AM	0.085	0.49	1.192
6/14/2021 4:30 AM	0.083	0.422	1.192
6/14/2021 4:36 AM	0.085	0.422	1.197
6/14/2021 4:42 AM	0.098	0.43	1.2
6/14/2021 4:48 AM	0.068	0.448	1.202
6/14/2021 4:54 AM	0.041	0.425	1.202
6/14/2021 5:00 AM	0.038	0.434	1.199
6/14/2021 5:06 AM	0.051	0.515	1.198
6/14/2021 5:12 AM	0.074	0.523	1.2
6/14/2021 5:18 AM	0.094	0.503	1.203
6/14/2021 5:24 AM	0.082	0.476	1.204
6/14/2021 5:30 AM	0.088	0.582	1.246
6/14/2021 5:36 AM	0.115	0.611	6.041
6/14/2021 5:42 AM	0.13	0.878	7.211
6/14/2021 5:48 AM	0.164	1.009	2.077
6/14/2021 5:54 AM	0.154	0.587	1.318
6/14/2021 6:00 AM	0.151	0.545	1.228
6/14/2021 6:06 AM	0.151	0.506	1.196
6/14/2021 6:12 AM	0.154	0.536	1.185
6/14/2021 6:18 AM	0.428	0.577	1.191
6/14/2021 6:24 AM	0.791	0.539	1.191
6/14/2021 6:30 AM	0.725	0.51	1.187
6/14/2021 6:36 AM	0.679	0.506	1.178
6/14/2021 6:42 AM	0.669	0.569	1.172
6/14/2021 6:48 AM	0.65	0.653	1.171
6/14/2021 6:54 AM	0.6	0.59	1.174

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/14/2021 7:00 AM	0.538	0.591	1.175
6/14/2021 7:06 AM	0.542	0.568	1.172
6/14/2021 7:12 AM	0.578	0.554	1.167
6/14/2021 7:18 AM	0.562	0.589	1.162
6/14/2021 7:24 AM	0.505	0.654	1.162
6/14/2021 7:30 AM	0.433	0.61	1.161
6/14/2021 7:36 AM	0.429	0.603	1.166
6/14/2021 7:42 AM	0.431	0.647	1.177
6/14/2021 7:48 AM	0.475	0.624	1.189
6/14/2021 7:54 AM	0.516	0.609	1.194
6/14/2021 8:00 AM	0.5	0.57	1.199
6/14/2021 8:06 AM	0.454	0.583	1.201
6/14/2021 8:12 AM	0.426	0.519	1.196
6/14/2021 8:18 AM	0.411	0.556	1.191
6/14/2021 8:24 AM	1.167	0.545	1.184
6/14/2021 8:30 AM	1.752	0.546	1.175
6/14/2021 8:36 AM	1.332	0.592	1.171
6/14/2021 8:42 AM	1.159	0.612	1.17
6/14/2021 8:48 AM	1.093	0.543	1.164
6/14/2021 8:54 AM	1.076	0.542	1.156
6/14/2021 9:00 AM	1.147	0.644	1.155
6/14/2021 9:06 AM	1.143	0.596	1.157
6/14/2021 9:12 AM	1.037	0.533	1.159
6/14/2021 9:18 AM	0.976	0.622	1.161
6/14/2021 9:24 AM	0.995	0.636	1.159
6/14/2021 9:30 AM	0.993	0.608	1.162
6/14/2021 9:36 AM	0.964	0.628	1.168
6/14/2021 9:42 AM	0.953	0.669	1.168
6/14/2021 9:48 AM	0.956	0.642	1.17
6/14/2021 9:54 AM	0.964	0.559	1.174
6/14/2021 10:00 AM	0.929	0.609	1.177
6/14/2021 10:06 AM	0.962	0.648	1.18
6/14/2021 10:12 AM	0.949	0.645	1.18
6/14/2021 10:18 AM	0.984	0.67	1.183
6/14/2021 10:24 AM	0.979	0.64	1.181
6/14/2021 10:30 AM	1.023	0.596	1.175
6/14/2021 10:36 AM	1.073	0.569	1.176
6/14/2021 10:42 AM	1.045	0.574	1.173
6/14/2021 10:48 AM	1.003	0.624	1.169
6/14/2021 10:54 AM	0.953	0.662	1.163
6/14/2021 11:00 AM	0.968	0.648	1.151
6/14/2021 11:06 AM	0.944	0.666	1.145
6/14/2021 11:12 AM	0.887	0.631	1.142
6/14/2021 11:18 AM	0.88	0.565	1.145
6/14/2021 11:24 AM	0.798	0.557	1.148
6/14/2021 11:30 AM	0.54	0.604	1.151
6/14/2021 11:36 AM	0.408	0.626	1.157
6/14/2021 11:42 AM	0.304	0.562	1.161
6/14/2021 11:48 AM	0.17	0.542	1.162
6/14/2021 11:54 AM	0.074	0.6	1.16
6/14/2021 12:00 PM	0.097	0.565	1.135
6/14/2021 12:06 PM	0.192	0.378	1.083
6/14/2021 12:12 PM	0.205	0.409	1.082
6/14/2021 12:18 PM	0.214	0.364	1.083

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/14/2021 12:24 PM	0.219	0.386	1.082
6/14/2021 12:30 PM	0.231	0.368	1.075
6/14/2021 12:36 PM	0.285	0.431	1.07
6/14/2021 12:42 PM	0.332	0.447	1.07
6/14/2021 12:48 PM	0.352	0.437	1.073
6/14/2021 12:54 PM	0.347	0.473	1.074
6/14/2021 1:00 PM	0.366	0.457	1.077
6/14/2021 1:06 PM	0.407	0.381	1.082
6/14/2021 1:12 PM	0.408	0.437	1.086
6/14/2021 1:18 PM	0.408	0.475	1.089
6/14/2021 1:24 PM	0.422	0.486	1.089
6/14/2021 1:30 PM	0.421	0.544	1.088
6/14/2021 1:36 PM	0.446	0.581	1.089
6/14/2021 1:42 PM	0.463	0.543	1.09
6/14/2021 1:48 PM	0.438	0.562	1.09
6/14/2021 1:54 PM	0.43	0.555	1.086
6/14/2021 2:00 PM	0.305	0.554	1.084
6/14/2021 2:06 PM	0.293	0.494	1.085
6/14/2021 2:12 PM	0.387	0.51	1.088
6/14/2021 2:18 PM	0.432	0.579	1.092
6/14/2021 2:24 PM	0.467	0.501	1.092
6/14/2021 2:30 PM	0.476	0.546	1.081
6/14/2021 2:36 PM	0.47	0.602	1.075
6/14/2021 2:42 PM	0.474	0.715	1.075
6/14/2021 2:48 PM	0.467	0.801	1.081
6/14/2021 2:54 PM	0.493	0.786	1.085
6/14/2021 3:00 PM	0.508	0.807	1.086
6/14/2021 3:06 PM	0.507	0.834	1.085
6/14/2021 3:12 PM	0.493	0.823	1.088
6/14/2021 3:18 PM	0.471	0.853	1.092
6/14/2021 3:24 PM	0.459	0.829	1.093
6/14/2021 3:30 PM	0.438	0.725	1.093
6/14/2021 3:36 PM	0.412	0.717	1.093
6/14/2021 3:42 PM	0.401	0.799	1.092
6/14/2021 3:48 PM	0.42	0.849	1.094
6/14/2021 3:54 PM	0.418	0.843	1.097
6/14/2021 4:00 PM	0.363	0.994	1.101
6/14/2021 4:06 PM	0.386	1.087	1.107
6/14/2021 4:12 PM	0.41	1.165	1.11
6/14/2021 4:18 PM	0.39	1.342	1.112
6/14/2021 4:24 PM	0.367	1.401	1.112
6/14/2021 4:30 PM	0.352	1.388	1.113
6/14/2021 4:36 PM	0.335	1.505	1.115
6/14/2021 4:42 PM	0.363	1.459	1.113
6/14/2021 4:48 PM	0.382	1.417	1.108
6/14/2021 4:54 PM	0.387	1.442	1.106
6/14/2021 5:00 PM	0.36	1.523	1.108
6/14/2021 5:06 PM	0.345	1.615	1.108
6/14/2021 5:12 PM	0.37	1.653	1.108
6/14/2021 5:18 PM	0.357	1.638	1.108
6/14/2021 5:24 PM	0.339	1.645	1.109
6/14/2021 5:30 PM	0.358	1.692	1.111
6/14/2021 5:36 PM	0.348	1.684	1.114
6/14/2021 5:42 PM	0.37	1.568	1.115

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/14/2021 5:48 PM	0.375	1.498	1.118
6/14/2021 5:54 PM	0.357	1.439	1.119
6/14/2021 6:00 PM	0.367	1.422	1.117
6/14/2021 6:06 PM	0.372	1.375	1.115
6/14/2021 6:12 PM	0.343	1.319	1.117
6/14/2021 6:18 PM	0.309	1.269	1.121
6/14/2021 6:24 PM	0.314	1.272	1.123
6/14/2021 6:30 PM	0.332	1.254	1.126
6/14/2021 6:36 PM	0.301	1.237	1.126
6/14/2021 6:42 PM	0.298	1.231	1.125
6/14/2021 6:48 PM	0.316	1.223	1.125
6/14/2021 6:54 PM	0.293	1.209	1.126
6/14/2021 7:00 PM	0.296	1.212	1.127
6/14/2021 7:06 PM	0.309	1.225	1.129
6/14/2021 7:12 PM	0.301	1.206	1.131
6/14/2021 7:18 PM	0.285	1.225	1.132
6/14/2021 7:24 PM	0.283	1.284	1.136
6/14/2021 7:30 PM	0.342	1.346	1.139
6/14/2021 7:36 PM	0.393	1.574	1.146
6/14/2021 7:42 PM	0.386	1.693	1.153
6/14/2021 7:48 PM	0.333	1.687	1.155
6/14/2021 7:54 PM	0.295	1.841	1.157
6/14/2021 8:00 PM	0.291	1.889	1.155
6/14/2021 8:06 PM	0.304	1.834	1.151
6/14/2021 8:12 PM	0.327	1.851	1.15
6/14/2021 8:18 PM	0.325	1.845	1.146
6/14/2021 8:24 PM	0.306	1.808	1.141
6/14/2021 8:30 PM	0.288	1.743	1.141
6/14/2021 8:36 PM	0.276	1.724	1.142
6/14/2021 8:42 PM	0.27	1.69	1.141
6/14/2021 8:48 PM	0.298	1.642	1.142
6/14/2021 8:54 PM	0.31	1.683	1.144
6/14/2021 9:00 PM	0.292	1.668	1.146
6/14/2021 9:06 PM	0.294	1.59	1.147
6/14/2021 9:12 PM	0.331	1.594	1.146
6/14/2021 9:18 PM	0.371	1.64	1.153
6/14/2021 9:24 PM	0.383	1.666	1.16
6/14/2021 9:30 PM	0.315	1.753	1.159
6/14/2021 9:36 PM	0.278	1.848	1.157
6/14/2021 9:42 PM	0.254	1.93	1.158
6/14/2021 9:48 PM	0.222	1.987	1.161
6/14/2021 9:54 PM	0.193	2.077	1.165
6/14/2021 10:00 PM	0.226	2.009	1.161
6/14/2021 10:06 PM	0.26	1.961	1.154
6/14/2021 10:12 PM	0.26	2.092	1.147
6/14/2021 10:18 PM	0.29	2.092	1.147
6/14/2021 10:24 PM	0.289	2.046	1.152
6/14/2021 10:30 PM	0.277	2.034	1.153
6/14/2021 10:36 PM	0.264	2.027	1.151
6/14/2021 10:42 PM	0.268	2.01	1.149
6/14/2021 10:48 PM	0.256	2.002	1.151
6/14/2021 10:54 PM	0.227	2.036	1.154
6/14/2021 11:00 PM	0.235	2.191	1.163
6/14/2021 11:06 PM	0.272	2.299	1.176

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/14/2021 11:12 PM	0.284	2.34	1.189
6/14/2021 11:18 PM	0.295	2.325	1.191
6/14/2021 11:24 PM	0.308	2.235	1.185
6/14/2021 11:30 PM	0.295	2.177	1.18
6/14/2021 11:36 PM	0.279	2.143	1.177
6/14/2021 11:42 PM	0.263	2.11	1.177
6/14/2021 11:48 PM	0.285	2.068	1.177
6/14/2021 11:54 PM	0.3	2.048	1.178
6/15/2021 12:00 AM	0.29	1.995	1.178
6/15/2021 12:06 AM	0.275	1.986	1.177
6/15/2021 12:12 AM	0.284	2	1.175
6/15/2021 12:18 AM	0.295	2.001	1.173
6/15/2021 12:24 AM	0.3	2.007	1.171
6/15/2021 12:30 AM	0.308	2.002	1.168
6/15/2021 12:36 AM	0.3	1.998	1.167
6/15/2021 12:42 AM	0.676	1.997	1.167
6/15/2021 12:48 AM	0.863	1.977	1.165
6/15/2021 12:54 AM	0.809	2.003	1.161
6/15/2021 1:00 AM	0.771	2.032	1.162
6/15/2021 1:06 AM	0.718	2.071	1.165
6/15/2021 1:12 AM	0.673	2.152	1.167
6/15/2021 1:18 AM	0.699	2.191	1.17
6/15/2021 1:24 AM	0.68	2.175	1.171
6/15/2021 1:30 AM	0.62	2.145	1.171
6/15/2021 1:36 AM	0.586	2.128	1.173
6/15/2021 1:42 AM	0.576	2.116	1.174
6/15/2021 1:48 AM	0.576	2.116	1.172
6/15/2021 1:54 AM	0.543	2.101	1.169
6/15/2021 2:00 AM	0.552	2.111	1.166
6/15/2021 2:06 AM	0.523	2.138	1.163
6/15/2021 2:12 AM	0.466	2.16	1.166
6/15/2021 2:18 AM	0.491	2.183	1.172
6/15/2021 2:24 AM	0.482	2.204	1.175
6/15/2021 2:30 AM	0.475	2.221	1.177
6/15/2021 2:36 AM	0.486	2.236	1.177
6/15/2021 2:42 AM	0.481	2.289	1.177
6/15/2021 2:48 AM	0.482	2.348	1.18
6/15/2021 2:54 AM	0.483	2.354	1.185
6/15/2021 3:00 AM	0.461	2.362	1.192
6/15/2021 3:06 AM	0.452	2.378	1.191
6/15/2021 3:12 AM	0.423	2.368	1.182
6/15/2021 3:18 AM	0.406	2.382	1.174
6/15/2021 3:24 AM	0.419	2.389	1.169
6/15/2021 3:30 AM	0.427	2.385	1.169
6/15/2021 3:36 AM	0.43	2.409	1.172
6/15/2021 3:42 AM	0.426	2.444	1.177
6/15/2021 3:48 AM	0.418	2.457	1.181
6/15/2021 3:54 AM	0.429	2.439	1.186
6/15/2021 4:00 AM	0.446	2.407	1.186
6/15/2021 4:06 AM	0.468	2.392	1.18
6/15/2021 4:12 AM	0.48	2.38	1.179
6/15/2021 4:18 AM	0.498	2.36	1.183
6/15/2021 4:24 AM	0.514	2.361	1.185
6/15/2021 4:30 AM	0.467	2.355	1.183

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/15/2021 4:36 AM	0.436	2.362	1.18
6/15/2021 4:42 AM	0.424	2.364	1.176
6/15/2021 4:48 AM	0.418	2.37	1.17
6/15/2021 4:54 AM	0.487	2.362	1.165
6/15/2021 5:00 AM	0.511	2.361	1.16
6/15/2021 5:06 AM	0.527	2.4	1.156
6/15/2021 5:12 AM	0.563	2.429	1.156
6/15/2021 5:18 AM	0.596	2.448	1.156
6/15/2021 5:24 AM	0.608	2.459	1.156
6/15/2021 5:30 AM	0.627	2.485	1.154
6/15/2021 5:36 AM	0.649	2.532	1.152
6/15/2021 5:42 AM	0.63	2.687	1.147
6/15/2021 5:48 AM	0.616	2.99	1.144
6/15/2021 5:54 AM	0.668	3.148	1.142
6/15/2021 6:00 AM	0.698	3.115	1.144
6/15/2021 6:06 AM	0.703	3.125	1.147
6/15/2021 6:12 AM	0.714	3.185	1.149
6/15/2021 6:18 AM	0.733	3.165	1.154
6/15/2021 6:24 AM	0.724	3.122	1.163
6/15/2021 6:30 AM	0.743	3.129	1.166
6/15/2021 6:36 AM	0.744	3.144	1.163
6/15/2021 6:42 AM	0.729	3.22	1.164
6/15/2021 6:48 AM	0.746	3.348	1.161
6/15/2021 6:54 AM	0.736	3.464	1.155
6/15/2021 7:00 AM	0.752	3.551	1.148
6/15/2021 7:06 AM	0.746	3.62	1.141
6/15/2021 7:12 AM	0.751	3.648	1.137
6/15/2021 7:18 AM	0.759	3.61	1.131
6/15/2021 7:24 AM	0.776	3.562	1.122
6/15/2021 7:30 AM	0.763	3.5	1.114
6/15/2021 7:36 AM	0.755	3.344	1.103
6/15/2021 7:42 AM	0.752	3.156	1.091
6/15/2021 7:48 AM	0.632	2.873	8.301
6/15/2021 7:54 AM	0.291	2.632	11.039
6/15/2021 8:00 AM	0.242	2.57	4.746
6/15/2021 8:06 AM	0.425	2.411	3.454
6/15/2021 8:12 AM	0.563	2.225	3.222
6/15/2021 8:18 AM	0.662	2.06	3.129
6/15/2021 8:24 AM	0.708	1.968	2.99
6/15/2021 8:30 AM	0.747	1.936	2.932
6/15/2021 8:36 AM	0.763	1.949	2.927
6/15/2021 8:42 AM	0.767	1.951	2.879
6/15/2021 8:48 AM	0.797	1.964	2.826
6/15/2021 8:54 AM	0.814	1.947	2.864
6/15/2021 9:00 AM	0.648	1.876	2.836
6/15/2021 9:06 AM	0.459	1.811	2.798
6/15/2021 9:12 AM	0.395	1.788	2.823
6/15/2021 9:18 AM	0.381	1.762	2.844
6/15/2021 9:24 AM	0.401	1.732	2.835
6/15/2021 9:30 AM	0.402	1.649	2.854
6/15/2021 9:36 AM	0.381	1.672	2.882
6/15/2021 9:42 AM	0.367	1.764	2.855
6/15/2021 9:48 AM	0.374	1.82	2.829
6/15/2021 9:54 AM	0.417	1.881	2.785

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/15/2021 10:00 AM	0.404	1.928	2.745
6/15/2021 10:06 AM	0.386	1.977	2.768
6/15/2021 10:12 AM	0.378	2.005	2.816
6/15/2021 10:18 AM	0.384	1.99	2.812
6/15/2021 10:24 AM	0.411	1.914	2.826
6/15/2021 10:30 AM	0.42	1.815	2.841
6/15/2021 10:36 AM	0.408	1.731	2.819
6/15/2021 10:42 AM	0.415	1.733	2.819
6/15/2021 10:48 AM	0.392	1.796	2.812
6/15/2021 10:54 AM	0.382	1.867	2.816
6/15/2021 11:00 AM	0.396	1.928	2.829
6/15/2021 11:06 AM	0.385	1.972	2.825
6/15/2021 11:12 AM	0.369	1.991	2.823
6/15/2021 11:18 AM	0.37	2.002	2.836
6/15/2021 11:24 AM	0.381	2.016	2.814
6/15/2021 11:30 AM	0.382	2.108	2.811
6/15/2021 11:36 AM	0.409	2.146	2.766
6/15/2021 11:42 AM	0.408	2.045	2.767
6/15/2021 11:48 AM	0.391	1.971	2.784
6/15/2021 11:54 AM	0.391	1.983	2.765
6/15/2021 12:00 PM	0.358	2.018	2.777
6/15/2021 12:06 PM	0.292	2.106	2.837
6/15/2021 12:12 PM	0.309	2.159	2.86
6/15/2021 12:18 PM	0.311	2.257	2.888
6/15/2021 12:24 PM	0.357	2.403	2.837
6/15/2021 12:30 PM	0.461	2.575	2.823
6/15/2021 12:36 PM	0.528	2.61	2.815
6/15/2021 12:42 PM	0.559	2.549	2.806
6/15/2021 12:48 PM	0.578	2.553	2.819
6/15/2021 12:54 PM	0.568	2.594	2.803
6/15/2021 1:00 PM	0.569	2.675	2.809
6/15/2021 1:06 PM	0.583	2.718	2.819
6/15/2021 1:12 PM	0.589	2.708	2.828
6/15/2021 1:18 PM	0.586	2.763	2.833
6/15/2021 1:24 PM	0.56	2.847	2.845
6/15/2021 1:30 PM	0.548	2.917	2.806
6/15/2021 1:36 PM	0.539	2.973	2.789
6/15/2021 1:42 PM	0.539	2.932	2.803
6/15/2021 1:48 PM	0.527	2.793	2.838
6/15/2021 1:54 PM	0.522	2.65	2.881
6/15/2021 2:00 PM	0.515	2.518	2.861
6/15/2021 2:06 PM	0.527	2.491	2.836
6/15/2021 2:12 PM	0.517	2.506	2.838
6/15/2021 2:18 PM	0.495	2.63	2.854
6/15/2021 2:24 PM	0.514	2.882	2.807
6/15/2021 2:30 PM	0.547	3.181	2.787
6/15/2021 2:36 PM	0.551	3.446	2.804
6/15/2021 2:42 PM	0.544	3.638	2.738
6/15/2021 2:48 PM	0.526	3.717	2.734
6/15/2021 2:54 PM	0.526	3.732	2.744
6/15/2021 3:00 PM	0.555	3.701	2.694
6/15/2021 3:06 PM	0.551	3.689	2.665
6/15/2021 3:12 PM	0.543	3.727	2.666
6/15/2021 3:18 PM	0.575	3.756	2.644

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/15/2021 3:24 PM	0.566	3.728	2.663
6/15/2021 3:30 PM	0.525	3.509	2.695
6/15/2021 3:36 PM	0.509	3.074	2.708
6/15/2021 3:42 PM	0.484	2.818	2.711
6/15/2021 3:48 PM	0.459	2.81	2.721
6/15/2021 3:54 PM	0.446	2.933	2.758
6/15/2021 4:00 PM	0.441	3.224	2.764
6/15/2021 4:06 PM	0.517	3.313	2.753
6/15/2021 4:12 PM	0.64	3.344	2.771
6/15/2021 4:18 PM	0.697	3.402	2.756
6/15/2021 4:24 PM	0.763	3.401	2.769
6/15/2021 4:30 PM	0.77	3.353	2.78
6/15/2021 4:36 PM	0.776	3.276	2.77
6/15/2021 4:42 PM	0.803	3.241	2.763
6/15/2021 4:48 PM	0.778	3.172	2.749
6/15/2021 4:54 PM	0.748	3.05	2.8
6/15/2021 5:00 PM	0.771	2.991	2.813
6/15/2021 5:06 PM	0.758	3.181	2.737
6/15/2021 5:12 PM	0.75	3.432	2.775
6/15/2021 5:18 PM	0.753	3.473	2.762
6/15/2021 5:24 PM	0.756	3.569	2.741
6/15/2021 5:30 PM	0.749	3.655	2.772
6/15/2021 5:36 PM	0.741	3.7	2.781
6/15/2021 5:42 PM	0.731	3.695	2.758
6/15/2021 5:48 PM	0.727	3.684	2.753
6/15/2021 5:54 PM	0.748	3.718	2.766
6/15/2021 6:00 PM	0.746	3.844	2.774
6/15/2021 6:06 PM	0.738	3.879	2.806
6/15/2021 6:12 PM	0.732	3.797	2.817
6/15/2021 6:18 PM	0.76	3.778	2.822
6/15/2021 6:24 PM	0.77	3.813	2.842
6/15/2021 6:30 PM	0.764	3.792	2.857
6/15/2021 6:36 PM	0.754	3.7	2.826
6/15/2021 6:42 PM	0.742	3.679	2.838
6/15/2021 6:48 PM	0.738	3.701	2.849
6/15/2021 6:54 PM	0.701	3.724	2.803
6/15/2021 7:00 PM	0.696	3.669	2.783
6/15/2021 7:06 PM	0.717	3.558	2.791
6/15/2021 7:12 PM	0.713	3.483	2.853
6/15/2021 7:18 PM	0.692	3.482	2.938
6/15/2021 7:24 PM	0.684	3.496	2.968
6/15/2021 7:30 PM	0.687	3.503	2.968
6/15/2021 7:36 PM	0.672	3.512	2.947
6/15/2021 7:42 PM	0.659	3.496	2.915
6/15/2021 7:48 PM	0.662	3.473	2.931
6/15/2021 7:54 PM	0.68	3.468	2.925
6/15/2021 8:00 PM	0.705	3.471	2.848
6/15/2021 8:06 PM	0.701	3.47	2.852
6/15/2021 8:12 PM	0.703	3.463	2.938
6/15/2021 8:18 PM	0.702	3.422	2.931
6/15/2021 8:24 PM	0.663	3.374	2.789
6/15/2021 8:30 PM	0.674	3.352	2.753
6/15/2021 8:36 PM	0.685	3.339	2.774
6/15/2021 8:42 PM	0.68	3.331	2.798

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/15/2021 8:48 PM	0.675	3.315	2.827
6/15/2021 8:54 PM	0.641	3.309	2.853
6/15/2021 9:00 PM	0.648	3.283	2.847
6/15/2021 9:06 PM	0.635	3.272	2.865
6/15/2021 9:12 PM	0.59	3.253	2.901
6/15/2021 9:18 PM	0.561	3.241	2.889
6/15/2021 9:24 PM	0.564	3.267	2.928
6/15/2021 9:30 PM	0.548	3.277	2.924
6/15/2021 9:36 PM	0.529	3.286	2.883
6/15/2021 9:42 PM	0.511	3.318	2.887
6/15/2021 9:48 PM	0.528	3.351	2.897
6/15/2021 9:54 PM	0.544	3.393	2.891
6/15/2021 10:00 PM	0.561	3.445	2.919
6/15/2021 10:06 PM	0.563	3.472	2.944
6/15/2021 10:12 PM	0.537	3.471	2.903
6/15/2021 10:18 PM	0.541	3.465	2.906
6/15/2021 10:24 PM	0.513	3.462	2.914
6/15/2021 10:30 PM	0.486	3.469	2.906
6/15/2021 10:36 PM	0.494	3.476	2.89
6/15/2021 10:42 PM	0.5	3.483	2.887
6/15/2021 10:48 PM	0.473	3.496	2.878
6/15/2021 10:54 PM	0.462	3.5	2.868
6/15/2021 11:00 PM	0.463	3.498	2.886
6/15/2021 11:06 PM	0.45	3.508	2.878
6/15/2021 11:12 PM	0.445	3.525	2.69
6/15/2021 11:18 PM	0.458	3.531	2.622
6/15/2021 11:24 PM	0.455	3.53	2.676
6/15/2021 11:30 PM	0.437	3.531	2.673
6/15/2021 11:36 PM	0.446	3.534	2.682
6/15/2021 11:42 PM	0.462	3.529	2.691
6/15/2021 11:48 PM	0.458	3.513	2.733
6/15/2021 11:54 PM	0.433	3.503	2.72
6/16/2021 12:00 AM	0.435	3.507	2.716
6/16/2021 12:06 AM	0.439	3.499	2.74
6/16/2021 12:12 AM	0.445	3.509	2.735
6/16/2021 12:18 AM	0.459	3.528	2.732
6/16/2021 12:24 AM	0.455	3.538	2.719
6/16/2021 12:30 AM	0.431	3.544	2.709
6/16/2021 12:36 AM	0.45	3.552	2.749
6/16/2021 12:42 AM	0.408	3.554	2.852
6/16/2021 12:48 AM	-0.034	3.548	2.999
6/16/2021 12:54 AM	-0.15	3.556	2.948
6/16/2021 1:00 AM	-0.254	3.558	2.889
6/16/2021 1:06 AM	-0.577	3.552	2.875
6/16/2021 1:12 AM	-0.626	3.559	2.858
6/16/2021 1:18 AM	-0.632	3.57	2.85
6/16/2021 1:24 AM	-0.59	3.567	2.848
6/16/2021 1:30 AM	-0.545	3.567	2.942
6/16/2021 1:36 AM	-0.532	3.577	2.992
6/16/2021 1:42 AM	-0.509	3.586	3.014
6/16/2021 1:48 AM	-0.494	3.592	2.964
6/16/2021 1:54 AM	-0.473	3.604	2.936
6/16/2021 2:00 AM	-0.417	3.614	2.918
6/16/2021 2:06 AM	-0.402	3.613	2.906

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/16/2021 2:12 AM	-0.413	3.602	2.917
6/16/2021 2:18 AM	-0.376	3.601	2.908
6/16/2021 2:24 AM	-0.306	3.597	2.927
6/16/2021 2:30 AM	-0.321	3.598	2.934
6/16/2021 2:36 AM	-0.295	3.609	2.936
6/16/2021 2:42 AM	-0.267	3.617	2.988
6/16/2021 2:48 AM	-0.253	3.626	3.028
6/16/2021 2:54 AM	-0.232	3.63	3.014
6/16/2021 3:00 AM	-0.218	3.628	3.015
6/16/2021 3:06 AM	-0.224	3.634	3.008
6/16/2021 3:12 AM	-0.226	3.631	3.002
6/16/2021 3:18 AM	-0.201	3.638	3.038
6/16/2021 3:24 AM	-0.169	3.65	3.033
6/16/2021 3:30 AM	-0.148	3.643	3.037
6/16/2021 3:36 AM	-0.145	3.651	3.098
6/16/2021 3:42 AM	-0.12	3.657	3.047
6/16/2021 3:48 AM	-0.098	3.659	2.934
6/16/2021 3:54 AM	-0.09	3.652	2.931
6/16/2021 4:00 AM	-0.121	3.643	2.972
6/16/2021 4:06 AM	-0.119	3.643	2.974
6/16/2021 4:12 AM	-0.086	3.656	2.977
6/16/2021 4:18 AM	-0.087	3.67	2.951
6/16/2021 4:24 AM	-0.097	3.691	2.919
6/16/2021 4:30 AM	-0.065	3.715	2.892
6/16/2021 4:36 AM	-0.041	3.736	2.918
6/16/2021 4:42 AM	-0.034	3.777	2.928
6/16/2021 4:48 AM	-0.062	3.927	2.931
6/16/2021 4:54 AM	-0.077	4.455	2.967
6/16/2021 5:00 AM	-0.062	4.921	2.933
6/16/2021 5:06 AM	-0.081	5.302	2.916
6/16/2021 5:12 AM	-0.096	5.49	2.928
6/16/2021 5:18 AM	-0.086	5.57	2.928
6/16/2021 5:24 AM	-0.077	5.585	2.915
6/16/2021 5:30 AM	-0.08	5.629	2.902
6/16/2021 5:36 AM	-0.067	5.64	2.919
6/16/2021 5:42 AM	-0.048	5.487	2.945
6/16/2021 5:48 AM	-0.017	5.359	2.953
6/16/2021 5:54 AM	-0.003	5.302	2.979
6/16/2021 6:00 AM	0.022	5.242	2.957
6/16/2021 6:06 AM	0.063	5.217	2.934
6/16/2021 6:12 AM	0.079	5.145	2.922
6/16/2021 6:18 AM	0.084	4.915	2.911
6/16/2021 6:24 AM	0.093	4.809	2.918
6/16/2021 6:30 AM	0.096	4.785	2.921
6/16/2021 6:36 AM	0.101	4.687	2.952
6/16/2021 6:42 AM	0.119	4.564	2.972
6/16/2021 6:48 AM	0.143	4.42	2.951
6/16/2021 6:54 AM	0.163	4.266	2.918
6/16/2021 7:00 AM	0.16	4.123	2.823
6/16/2021 7:06 AM	0.161	4.004	2.816
6/16/2021 7:12 AM	0.193	3.921	2.804
6/16/2021 7:18 AM	0.237	3.822	2.786
6/16/2021 7:24 AM	0.233	3.698	2.797
6/16/2021 7:30 AM	0.254	3.582	2.796

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/16/2021 7:36 AM	0.273	3.459	2.756
6/16/2021 7:42 AM	0.287	3.292	2.744
6/16/2021 7:48 AM	0.32	3.123	2.744
6/16/2021 7:54 AM	0.342	20.999	2.728
6/16/2021 8:00 AM	0.371	32.243	2.624
6/16/2021 8:06 AM	0.396	16.793	2.553
6/16/2021 8:12 AM	0.413	13.283	2.599
6/16/2021 8:18 AM	0.42	12.823	2.646
6/16/2021 8:24 AM	0.448	10.446	2.633
6/16/2021 8:30 AM	0.491	9.775	2.626
6/16/2021 8:36 AM	0.486	10.05	2.633
6/16/2021 8:42 AM	0.493	10.672	2.65
6/16/2021 8:48 AM	0.484	10.315	2.691
6/16/2021 8:54 AM	0.45	8.66	2.696
6/16/2021 9:00 AM	0.442	7.019	2.711
6/16/2021 9:06 AM	0.417	5.988	2.692
6/16/2021 9:12 AM	0.364	5.533	2.624
6/16/2021 9:18 AM	0.329	5.259	2.625
6/16/2021 9:24 AM	0.267	5.235	2.661
6/16/2021 9:30 AM	0.213	5.083	2.691
6/16/2021 9:36 AM	0.162	4.817	2.695
6/16/2021 9:42 AM	0.099	4.805	2.713
6/16/2021 9:48 AM	0.062	4.721	2.732
6/16/2021 9:54 AM	0.047	4.382	2.704
6/16/2021 10:00 AM	0.058	4.276	2.707
6/16/2021 10:06 AM	0.041	4.335	2.74
6/16/2021 10:12 AM	0.026	4.636	2.748
6/16/2021 10:18 AM	0.051	4.833	2.75
6/16/2021 10:24 AM	0.074	4.802	2.758
6/16/2021 10:30 AM	0.101	4.656	2.776
6/16/2021 10:36 AM	0.124	4.69	2.738
6/16/2021 10:42 AM	0.165	4.736	2.7
6/16/2021 10:48 AM	0.201	4.684	2.684
6/16/2021 10:54 AM	0.22	4.574	2.681
6/16/2021 11:00 AM	0.23	4.392	2.708
6/16/2021 11:06 AM	0.239	4.362	2.684
6/16/2021 11:12 AM	0.242	4.375	2.695
6/16/2021 11:18 AM	0.272	4.825	2.788
6/16/2021 11:24 AM	0.321	5.019	2.878
6/16/2021 11:30 AM	0.325	4.532	2.778
6/16/2021 11:36 AM	0.262	4.262	2.738
6/16/2021 11:42 AM	0.209	4.209	2.661
6/16/2021 11:48 AM	0.164	4.183	2.609
6/16/2021 11:54 AM	0.159	4.207	2.575
6/16/2021 12:00 PM	0.187	4.246	2.572
6/16/2021 12:06 PM	0.238	4.052	2.593
6/16/2021 12:12 PM	0.254	4.153	2.623
6/16/2021 12:18 PM	0.257	4.242	2.631
6/16/2021 12:24 PM	0.293	4.169	2.636
6/16/2021 12:30 PM	0.35	3.962	2.549
6/16/2021 12:36 PM	0.375	3.798	2.523
6/16/2021 12:42 PM	0.405	3.625	2.588
6/16/2021 12:48 PM	0.427	3.74	2.619
6/16/2021 12:54 PM	0.434	3.808	2.626

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/16/2021 1:00 PM	0.448	3.872	2.646
6/16/2021 1:06 PM	0.451	3.937	2.624
6/16/2021 1:12 PM	0.451	3.986	2.636
6/16/2021 1:18 PM	0.455	4.01	2.666
6/16/2021 1:24 PM	0.448	3.996	2.654
6/16/2021 1:30 PM	0.422	3.947	2.597
6/16/2021 1:36 PM	0.37	3.748	2.542
6/16/2021 1:42 PM	0.303	3.691	2.554
6/16/2021 1:48 PM	0.258	3.718	2.562
6/16/2021 1:54 PM	0.254	3.804	2.564
6/16/2021 2:00 PM	0.253	3.878	2.552
6/16/2021 2:06 PM	0.272	3.855	2.544
6/16/2021 2:12 PM	0.289	3.834	2.556
6/16/2021 2:18 PM	0.297	3.881	2.563
6/16/2021 2:24 PM	0.317	3.884	2.551
6/16/2021 2:30 PM	0.318	3.904	2.558
6/16/2021 2:36 PM	0.319	3.953	2.548
6/16/2021 2:42 PM	0.334	3.887	2.58
6/16/2021 2:48 PM	0.353	3.782	2.621
6/16/2021 2:54 PM	0.375	3.642	2.595
6/16/2021 3:00 PM	0.402	3.622	2.592
6/16/2021 3:06 PM	0.409	3.615	2.595
6/16/2021 3:12 PM	0.402	3.585	2.598
6/16/2021 3:18 PM	0.394	3.692	2.607
6/16/2021 3:24 PM	0.368	3.63	2.596
6/16/2021 3:30 PM	0.343	3.511	2.577
6/16/2021 3:36 PM	0.36	3.584	2.594
6/16/2021 3:42 PM	0.36	3.56	2.608
6/16/2021 3:48 PM	0.342	3.648	2.596
6/16/2021 3:54 PM	0.339	3.628	2.602
6/16/2021 4:00 PM	0.332	3.495	2.587
6/16/2021 4:06 PM	0.333	3.482	2.586
6/16/2021 4:12 PM	0.321	3.584	2.589
6/16/2021 4:18 PM	0.305	3.634	2.577
6/16/2021 4:24 PM	0.313	3.693	2.538
6/16/2021 4:30 PM	0.327	3.723	2.52
6/16/2021 4:36 PM	0.338	3.678	2.545
6/16/2021 4:42 PM	0.352	3.714	2.54
6/16/2021 4:48 PM	0.354	3.644	2.528
6/16/2021 4:54 PM	0.355	3.458	2.535
6/16/2021 5:00 PM	0.371	3.474	2.518
6/16/2021 5:06 PM	0.379	3.564	2.514
6/16/2021 5:12 PM	0.406	3.624	2.533
6/16/2021 5:18 PM	0.41	3.65	2.541
6/16/2021 5:24 PM	0.395	3.665	2.56
6/16/2021 5:30 PM	0.391	3.642	2.569
6/16/2021 5:36 PM	0.395	3.64	2.553
6/16/2021 5:42 PM	0.406	3.725	2.581
6/16/2021 5:48 PM	0.419	3.883	2.59
6/16/2021 5:54 PM	0.433	3.977	2.58
6/16/2021 6:00 PM	0.448	3.933	2.573
6/16/2021 6:06 PM	0.455	3.857	2.555
6/16/2021 6:12 PM	0.474	3.845	2.569
6/16/2021 6:18 PM	0.486	3.743	2.587

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/16/2021 6:24 PM	0.489	3.726	2.562
6/16/2021 6:30 PM	0.489	3.863	2.569
6/16/2021 6:36 PM	0.486	3.9	2.57
6/16/2021 6:42 PM	0.483	3.605	2.57
6/16/2021 6:48 PM	0.472	3.6	2.591
6/16/2021 6:54 PM	0.469	3.697	2.599
6/16/2021 7:00 PM	0.474	3.589	2.595
6/16/2021 7:06 PM	0.473	3.561	2.613
6/16/2021 7:12 PM	0.474	3.684	2.614
6/16/2021 7:18 PM	0.484	3.63	2.593
6/16/2021 7:24 PM	0.487	3.563	2.59
6/16/2021 7:30 PM	0.474	3.454	2.604
6/16/2021 7:36 PM	0.467	3.5	2.624
6/16/2021 7:42 PM	0.47	3.623	2.622
6/16/2021 7:48 PM	0.485	3.742	2.606
6/16/2021 7:54 PM	0.481	3.954	2.621
6/16/2021 8:00 PM	0.474	3.878	2.622
6/16/2021 8:06 PM	0.476	3.67	2.61
6/16/2021 8:12 PM	0.477	3.637	2.609
6/16/2021 8:18 PM	0.468	3.566	2.61
6/16/2021 8:24 PM	0.46	3.537	2.593
6/16/2021 8:30 PM	0.45	3.639	2.585
6/16/2021 8:36 PM	0.438	3.709	2.59
6/16/2021 8:42 PM	0.438	3.677	2.601
6/16/2021 8:48 PM	0.425	3.598	2.607
6/16/2021 8:54 PM	0.418	3.453	2.61
6/16/2021 9:00 PM	0.413	3.368	2.599
6/16/2021 9:06 PM	0.402	3.432	2.596
6/16/2021 9:12 PM	0.396	3.48	2.62
6/16/2021 9:18 PM	0.385	3.428	2.63
6/16/2021 9:24 PM	0.38	3.405	2.643
6/16/2021 9:30 PM	0.371	3.519	2.645
6/16/2021 9:36 PM	0.356	3.549	2.623
6/16/2021 9:42 PM	0.355	3.445	2.618
6/16/2021 9:48 PM	0.348	3.42	2.607
6/16/2021 9:54 PM	0.348	3.539	2.607
6/16/2021 10:00 PM	0.355	3.536	2.633
6/16/2021 10:06 PM	0.355	3.473	2.64
6/16/2021 10:12 PM	0.354	3.429	2.649
6/16/2021 10:18 PM	0.343	3.393	2.712
6/16/2021 10:24 PM	0.343	3.363	2.698
6/16/2021 10:30 PM	0.343	3.259	2.612
6/16/2021 10:36 PM	0.338	3.259	2.595
6/16/2021 10:42 PM	0.331	3.36	2.616
6/16/2021 10:48 PM	0.313	3.43	2.646
6/16/2021 10:54 PM	0.304	3.508	2.662
6/16/2021 11:00 PM	0.301	3.508	2.659
6/16/2021 11:06 PM	0.297	3.41	2.642
6/16/2021 11:12 PM	0.3	3.374	2.66
6/16/2021 11:18 PM	0.294	3.436	2.655
6/16/2021 11:24 PM	0.289	3.4	2.643
6/16/2021 11:30 PM	0.284	3.383	2.647
6/16/2021 11:36 PM	0.274	3.423	2.637
6/16/2021 11:42 PM	0.255	3.422	2.658

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/16/2021 11:48 PM	0.248	3.345	2.668
6/16/2021 11:54 PM	0.242	3.279	2.673
6/17/2021 12:00 AM	0.233	3.197	2.695
6/17/2021 12:06 AM	0.219	3.205	2.716
6/17/2021 12:12 AM	0.208	3.176	2.698
6/17/2021 12:18 AM	0.208	3.142	2.686
6/17/2021 12:24 AM	0.225	4.259	2.299
6/17/2021 12:30 AM	0.271	4.967	1.316
6/17/2021 12:36 AM	0.287	4.517	0.765
6/17/2021 12:42 AM	0.269	4.164	0.791
6/17/2021 12:48 AM	0.259	4.12	0.796
6/17/2021 12:54 AM	0.252	4.095	0.802
6/17/2021 1:00 AM	0.246	3.974	0.82
6/17/2021 1:06 AM	0.256	3.934	0.819
6/17/2021 1:12 AM	0.264	3.979	0.815
6/17/2021 1:18 AM	0.271	3.984	0.826
6/17/2021 1:24 AM	0.272	4.079	0.826
6/17/2021 1:30 AM	0.258	4.134	0.816
6/17/2021 1:36 AM	0.26	3.916	0.814
6/17/2021 1:42 AM	0.26	3.858	0.807
6/17/2021 1:48 AM	0.236	3.931	0.809
6/17/2021 1:54 AM	0.227	3.942	0.812
6/17/2021 2:00 AM	0.213	3.853	0.82
6/17/2021 2:06 AM	0.198	3.846	0.844
6/17/2021 2:12 AM	0.192	3.89	0.833
6/17/2021 2:18 AM	0.195	3.931	0.835
6/17/2021 2:24 AM	0.197	3.95	0.827
6/17/2021 2:30 AM	0.206	3.917	0.818
6/17/2021 2:36 AM	0.203	3.987	0.812
6/17/2021 2:42 AM	0.195	4.04	0.814
6/17/2021 2:48 AM	0.183	3.993	0.812
6/17/2021 2:54 AM	0.18	3.905	0.802
6/17/2021 3:00 AM	0.183	3.922	0.816
6/17/2021 3:06 AM	0.177	4.028	0.822
6/17/2021 3:12 AM	0.162	4.144	0.819
6/17/2021 3:18 AM	0.143	4.19	0.826
6/17/2021 3:24 AM	0.127	4.22	0.843
6/17/2021 3:30 AM	0.13	4.052	0.846
6/17/2021 3:36 AM	0.137	3.91	0.86
6/17/2021 3:42 AM	0.13	3.905	0.851
6/17/2021 3:48 AM	0.129	3.908	0.851
6/17/2021 3:54 AM	0.136	3.931	0.849
6/17/2021 4:00 AM	0.13	3.991	0.841
6/17/2021 4:06 AM	0.119	3.905	0.828
6/17/2021 4:12 AM	0.116	3.881	0.835
6/17/2021 4:18 AM	0.122	3.917	0.836
6/17/2021 4:24 AM	0.118	3.894	0.842
6/17/2021 4:30 AM	0.119	3.924	0.835
6/17/2021 4:36 AM	0.117	3.937	0.827
6/17/2021 4:42 AM	0.115	3.872	0.821
6/17/2021 4:48 AM	0.099	3.776	0.837
6/17/2021 4:54 AM	0.064	3.806	0.827
6/17/2021 5:00 AM	0.038	3.952	0.822
6/17/2021 5:06 AM	0.027	3.961	0.826

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/17/2021 5:12 AM	0.003	3.886	0.819
6/17/2021 5:18 AM	-0.017	3.901	0.816
6/17/2021 5:24 AM	-0.024	4.001	0.825
6/17/2021 5:30 AM	-0.015	4.103	0.832
6/17/2021 5:36 AM	0.009	4.278	0.819
6/17/2021 5:42 AM	0.028	4.399	0.81
6/17/2021 5:48 AM	0.044	4.365	0.821
6/17/2021 5:54 AM	0.068	4.338	0.818
6/17/2021 6:00 AM	0.102	4.371	0.8
6/17/2021 6:06 AM	0.133	4.415	0.817
6/17/2021 6:12 AM	0.153	4.472	0.841
6/17/2021 6:18 AM	0.165	4.497	0.83
6/17/2021 6:24 AM	0.164	4.927	0.821
6/17/2021 6:30 AM	0.163	5.742	0.822
6/17/2021 6:36 AM	0.164	5.569	0.82
6/17/2021 6:42 AM	0.166	5.061	0.801
6/17/2021 6:48 AM	0.16	5.264	0.788
6/17/2021 6:54 AM	0.164	5.488	0.777
6/17/2021 7:00 AM	0.175	5.403	0.769
6/17/2021 7:06 AM	3.472	5.126	0.762
6/17/2021 7:12 AM	7.667	4.972	0.759
6/17/2021 7:18 AM	9.282	5.01	0.765
6/17/2021 7:24 AM	8.271	4.983	5.859
6/17/2021 7:30 AM	3.655	4.957	7.521
6/17/2021 7:36 AM	1.554	5.054	3.169
6/17/2021 7:42 AM	0.906	5.006	2.956
6/17/2021 7:48 AM	0.734	4.917	2.874
6/17/2021 7:54 AM	0.69	4.674	2.74
6/17/2021 8:00 AM	0.698	4.239	2.686
6/17/2021 8:06 AM	0.693	4.097	2.689
6/17/2021 8:12 AM	0.7	4.169	2.69
6/17/2021 8:18 AM	0.709	4.366	2.688
6/17/2021 8:24 AM	0.7	4.346	2.707
6/17/2021 8:30 AM	0.712	4.255	2.723
6/17/2021 8:36 AM	0.756	4.264	2.754
6/17/2021 8:42 AM	0.78	4.047	2.788
6/17/2021 8:48 AM	0.782	3.788	2.779
6/17/2021 8:54 AM	0.789	3.742	2.776
6/17/2021 9:00 AM	0.804	3.905	2.745
6/17/2021 9:06 AM	0.78	4.401	2.71
6/17/2021 9:12 AM	0.697	4.857	2.672
6/17/2021 9:18 AM	0.604	4.895	2.642
6/17/2021 9:24 AM	0.491	4.711	2.663
6/17/2021 9:30 AM	0.409	4.589	2.665
6/17/2021 9:36 AM	0.339	4.53	2.661
6/17/2021 9:42 AM	0.272	4.503	2.684
6/17/2021 9:48 AM	0.225	4.53	2.712
6/17/2021 9:54 AM	0.177	4.464	2.715
6/17/2021 10:00 AM	0.146	4.394	2.694
6/17/2021 10:06 AM	0.137	4.5	2.697
6/17/2021 10:12 AM	0.121	4.633	2.72
6/17/2021 10:18 AM	0.12	4.69	2.723
6/17/2021 10:24 AM	0.125	4.702	2.703
6/17/2021 10:30 AM	0.157	4.723	2.727

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/17/2021 10:36 AM	0.172	4.797	2.731
6/17/2021 10:42 AM	0.193	4.823	2.713
6/17/2021 10:48 AM	0.231	4.807	2.694
6/17/2021 10:54 AM	0.261	4.716	2.69
6/17/2021 11:00 AM	0.271	4.694	2.725
6/17/2021 11:06 AM	0.274	4.765	2.703
6/17/2021 11:12 AM	0.278	4.744	2.677
6/17/2021 11:18 AM	0.287	4.671	2.687
6/17/2021 11:24 AM	0.316	4.701	2.718
6/17/2021 11:30 AM	0.33	4.679	2.699
6/17/2021 11:36 AM	0.301	4.599	2.648
6/17/2021 11:42 AM	0.243	4.623	2.656
6/17/2021 11:48 AM	0.199	4.622	2.689
6/17/2021 11:54 AM	0.178	4.572	2.683
6/17/2021 12:00 PM	0.163	4.494	2.651
6/17/2021 12:06 PM	0.172	4.561	2.696
6/17/2021 12:12 PM	0.174	4.591	2.716
6/17/2021 12:18 PM	0.195	4.629	2.686
6/17/2021 12:24 PM	0.25	4.559	2.664
6/17/2021 12:30 PM	0.307	4.51	2.69
6/17/2021 12:36 PM	0.339	4.484	2.704
6/17/2021 12:42 PM	0.368	4.54	2.673
6/17/2021 12:48 PM	0.388	4.559	2.657
6/17/2021 12:54 PM	0.395	4.514	2.651
6/17/2021 1:00 PM	0.429	4.48	2.657
6/17/2021 1:06 PM	0.444	4.317	2.67
6/17/2021 1:12 PM	0.447	4.197	2.696
6/17/2021 1:18 PM	0.445	4.272	2.708
6/17/2021 1:24 PM	0.432	4.338	2.71
6/17/2021 1:30 PM	0.424	4.433	2.704
6/17/2021 1:36 PM	0.366	4.387	2.704
6/17/2021 1:42 PM	0.305	4.247	2.707
6/17/2021 1:48 PM	0.263	4.017	2.705
6/17/2021 1:54 PM	0.242	4.002	2.707
6/17/2021 2:00 PM	0.237	4.056	2.708
6/17/2021 2:06 PM	0.243	4.172	2.682
6/17/2021 2:12 PM	0.263	4.172	2.666
6/17/2021 2:18 PM	0.284	4.159	2.681
6/17/2021 2:24 PM	0.293	3.967	2.686
6/17/2021 2:30 PM	0.294	3.704	2.677
6/17/2021 2:36 PM	0.297	3.802	2.695
6/17/2021 2:42 PM	0.309	3.956	2.716
6/17/2021 2:48 PM	0.335	3.991	2.714
6/17/2021 2:54 PM	0.361	3.862	2.723
6/17/2021 3:00 PM	0.371	3.831	2.697
6/17/2021 3:06 PM	0.368	3.768	2.678
6/17/2021 3:12 PM	0.367	3.745	2.685
6/17/2021 3:18 PM	0.375	3.732	2.728
6/17/2021 3:24 PM	0.361	3.663	2.747
6/17/2021 3:30 PM	0.351	3.632	2.746
6/17/2021 3:36 PM	0.342	3.66	2.743
6/17/2021 3:42 PM	0.312	3.675	2.703
6/17/2021 3:48 PM	0.305	3.598	2.679
6/17/2021 3:54 PM	0.298	3.583	2.686

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/17/2021 4:00 PM	0.289	3.596	2.685
6/17/2021 4:06 PM	0.294	3.589	2.663
6/17/2021 4:12 PM	0.288	3.624	2.679
6/17/2021 4:18 PM	0.28	3.617	2.712
6/17/2021 4:24 PM	0.281	3.579	2.697
6/17/2021 4:30 PM	0.282	3.437	2.692
6/17/2021 4:36 PM	0.272	3.269	2.697
6/17/2021 4:42 PM	0.272	3.196	2.696
6/17/2021 4:48 PM	0.286	3.111	2.687
6/17/2021 4:54 PM	0.304	3.056	2.668
6/17/2021 5:00 PM	0.319	3.081	2.671
6/17/2021 5:06 PM	0.336	3.29	2.664
6/17/2021 5:12 PM	0.342	3.646	2.687
6/17/2021 5:18 PM	0.345	3.551	2.678
6/17/2021 5:24 PM	0.354	3.388	2.676
6/17/2021 5:30 PM	0.355	3.323	2.643
6/17/2021 5:36 PM	0.368	3.204	2.637
6/17/2021 5:42 PM	0.384	3.253	2.65
6/17/2021 5:48 PM	0.396	3.275	2.628
6/17/2021 5:54 PM	0.426	3.239	2.64
6/17/2021 6:00 PM	0.46	3.228	2.766
6/17/2021 6:06 PM	0.498	3.202	2.746
6/17/2021 6:12 PM	0.512	3.167	2.619
6/17/2021 6:18 PM	0.516	3.151	2.628
6/17/2021 6:24 PM	0.512	3.136	2.653
6/17/2021 6:30 PM	0.513	3.219	2.637
6/17/2021 6:36 PM	0.517	3.33	2.632
6/17/2021 6:42 PM	0.515	3.305	2.647
6/17/2021 6:48 PM	0.513	3.26	2.653
6/17/2021 6:54 PM	0.515	3.339	2.633
6/17/2021 7:00 PM	0.519	3.379	2.633
6/17/2021 7:06 PM	0.523	3.353	2.664
6/17/2021 7:12 PM	0.521	3.406	2.661
6/17/2021 7:18 PM	0.517	3.417	2.671
6/17/2021 7:24 PM	0.515	3.442	2.671
6/17/2021 7:30 PM	0.528	3.382	2.653
6/17/2021 7:36 PM	0.531	3.37	2.65
6/17/2021 7:42 PM	0.546	3.549	2.571
6/17/2021 7:48 PM	0.567	3.613	2.53
6/17/2021 7:54 PM	0.576	3.497	2.539
6/17/2021 8:00 PM	0.584	3.421	2.552
6/17/2021 8:06 PM	0.59	3.549	2.55
6/17/2021 8:12 PM	0.592	3.633	2.548
6/17/2021 8:18 PM	0.599	3.496	2.571
6/17/2021 8:24 PM	0.591	3.432	2.6
6/17/2021 8:30 PM	0.59	3.51	2.568
6/17/2021 8:36 PM	0.601	3.498	2.571
6/17/2021 8:42 PM	0.6	3.504	2.583
6/17/2021 8:48 PM	0.593	3.589	2.592
6/17/2021 8:54 PM	0.581	3.615	2.595
6/17/2021 9:00 PM	0.563	3.575	2.605
6/17/2021 9:06 PM	0.559	3.611	2.624
6/17/2021 9:12 PM	0.564	3.609	2.63
6/17/2021 9:18 PM	0.554	3.535	2.63

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/17/2021 9:24 PM	0.543	3.493	2.692
6/17/2021 9:30 PM	0.537	3.557	2.704
6/17/2021 9:36 PM	0.538	3.612	2.641
6/17/2021 9:42 PM	0.537	3.561	2.639
6/17/2021 9:48 PM	0.531	3.519	2.635
6/17/2021 9:54 PM	0.525	3.515	2.62
6/17/2021 10:00 PM	0.513	3.5	2.605
6/17/2021 10:06 PM	0.51	3.522	2.599
6/17/2021 10:12 PM	0.508	3.601	2.591
6/17/2021 10:18 PM	0.501	3.607	2.61
6/17/2021 10:24 PM	0.485	3.514	2.605
6/17/2021 10:30 PM	0.474	3.464	2.606
6/17/2021 10:36 PM	0.477	3.458	2.609
6/17/2021 10:42 PM	0.47	3.578	2.585
6/17/2021 10:48 PM	0.467	3.615	2.604
6/17/2021 10:54 PM	0.477	3.603	2.621
6/17/2021 11:00 PM	0.474	3.523	2.619
6/17/2021 11:06 PM	0.456	3.4	2.61
6/17/2021 11:12 PM	0.443	3.432	2.596
6/17/2021 11:18 PM	0.445	3.451	2.608
6/17/2021 11:24 PM	0.449	3.434	2.6
6/17/2021 11:30 PM	0.454	3.521	2.627
6/17/2021 11:36 PM	0.457	3.578	2.623
6/17/2021 11:42 PM	0.457	3.505	2.586
6/17/2021 11:48 PM	0.452	3.466	2.558
6/17/2021 11:54 PM	0.44	3.422	2.575
6/18/2021 12:00 AM	0.433	3.457	2.607
6/18/2021 12:06 AM	0.428	3.448	2.632
6/18/2021 12:12 AM	0.412	3.424	2.64
6/18/2021 12:18 AM	0.402	3.53	2.66
6/18/2021 12:24 AM	0.396	3.443	2.674
6/18/2021 12:30 AM	0.385	3.429	2.652
6/18/2021 12:36 AM	0.366	3.519	2.647
6/18/2021 12:42 AM	0.348	3.515	2.649
6/18/2021 12:48 AM	0.342	3.138	3.056
6/18/2021 12:54 AM	0.337	1.402	3.267
6/18/2021 1:00 AM	0.346	0.33	2.985
6/18/2021 1:06 AM	0.342	0.405	2.919
6/18/2021 1:12 AM	0.333	0.397	2.905
6/18/2021 1:18 AM	0.329	0.352	2.873
6/18/2021 1:24 AM	0.314	0.336	2.852
6/18/2021 1:30 AM	0.305	0.323	2.871
6/18/2021 1:36 AM	0.303	0.271	2.88
6/18/2021 1:42 AM	0.305	0.238	2.882
6/18/2021 1:48 AM	0.294	0.188	2.877
6/18/2021 1:54 AM	0.291	0.148	2.9
6/18/2021 2:00 AM	0.289	0.129	2.922
6/18/2021 2:06 AM	0.289	0.114	2.932
6/18/2021 2:12 AM	0.285	0.106	2.918
6/18/2021 2:18 AM	0.273	0.091	2.899
6/18/2021 2:24 AM	0.261	0.108	2.873
6/18/2021 2:30 AM	0.262	0.128	2.861
6/18/2021 2:36 AM	0.278	0.144	2.84
6/18/2021 2:42 AM	0.289	0.114	2.827

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/18/2021 2:48 AM	0.283	0.063	2.84
6/18/2021 2:54 AM	0.276	0.08	2.853
6/18/2021 3:00 AM	0.273	0.071	2.85
6/18/2021 3:06 AM	0.274	0.104	2.833
6/18/2021 3:12 AM	0.27	0.111	2.858
6/18/2021 3:18 AM	0.273	0.099	2.904
6/18/2021 3:24 AM	0.275	0.098	2.925
6/18/2021 3:30 AM	0.269	0.031	2.917
6/18/2021 3:36 AM	0.261	0.043	2.893
6/18/2021 3:42 AM	0.275	0.064	2.874
6/18/2021 3:48 AM	0.28	0.077	2.882
6/18/2021 3:54 AM	0.276	0.062	2.877
6/18/2021 4:00 AM	0.265	0.073	2.846
6/18/2021 4:06 AM	0.267	0.147	2.831
6/18/2021 4:12 AM	0.273	0.155	2.846
6/18/2021 4:18 AM	0.28	0.198	2.843
6/18/2021 4:24 AM	0.278	0.141	2.859
6/18/2021 4:30 AM	0.271	0.139	2.881
6/18/2021 4:36 AM	0.266	0.14	2.857
6/18/2021 4:42 AM	0.255	0.11	2.85
6/18/2021 4:48 AM	0.245	0.126	2.85
6/18/2021 4:54 AM	0.217	0.216	2.84
6/18/2021 5:00 AM	0.185	0.254	2.881
6/18/2021 5:06 AM	0.17	0.202	2.88
6/18/2021 5:12 AM	0.153	0.16	2.831
6/18/2021 5:18 AM	0.137	0.134	2.825
6/18/2021 5:24 AM	0.129	0.138	2.795
6/18/2021 5:30 AM	0.125	0.094	2.811
6/18/2021 5:36 AM	0.135	0.13	2.85
6/18/2021 5:42 AM	0.154	0.177	2.83
6/18/2021 5:48 AM	0.179	0.143	2.807
6/18/2021 5:54 AM	0.206	0.145	2.82
6/18/2021 6:00 AM	0.239	0.124	2.854
6/18/2021 6:06 AM	0.257	0.086	2.854
6/18/2021 6:12 AM	0.263	0.084	2.852
6/18/2021 6:18 AM	0.269	0.091	2.86
6/18/2021 6:24 AM	0.279	0.076	2.886
6/18/2021 6:30 AM	0.29	0.073	2.903
6/18/2021 6:36 AM	0.298	0.1	2.886
6/18/2021 6:42 AM	7.79	0.214	2.873
6/18/2021 6:48 AM	11.227	0.837	2.836
6/18/2021 6:54 AM	6.689	0.609	2.871
6/18/2021 7:00 AM	4.446	0.102	2.902
6/18/2021 7:06 AM	3.423	0.08	2.803
6/18/2021 7:12 AM	2.108	0.084	2.718
6/18/2021 7:18 AM	1.638	0.1	2.637
6/18/2021 7:24 AM	1.488	0.113	2.684
6/18/2021 7:30 AM	1.405	0.118	2.816
6/18/2021 7:36 AM	1.559	0.074	2.786
6/18/2021 7:42 AM	1.552	0.065	2.776
6/18/2021 7:48 AM	1.551	0.105	2.785
6/18/2021 7:54 AM	1.549	0.103	2.76
6/18/2021 8:00 AM	1.498	0.117	2.745
6/18/2021 8:06 AM	1.451	0.141	2.765

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/18/2021 8:12 AM	1.46	0.087	2.783
6/18/2021 8:18 AM	1.478	0.124	2.778
6/18/2021 8:24 AM	1.437	0.176	2.777
6/18/2021 8:30 AM	1.337	0.169	2.784
6/18/2021 8:36 AM	1.169	0.155	2.795
6/18/2021 8:42 AM	0.998	0.162	2.789
6/18/2021 8:48 AM	0.843	0.209	2.792
6/18/2021 8:54 AM	0.633	0.228	2.838
6/18/2021 9:00 AM	0.547	0.222	2.819
6/18/2021 9:06 AM	0.553	0.23	2.759
6/18/2021 9:12 AM	0.579	0.204	2.732
6/18/2021 9:18 AM	0.591	0.22	2.748
6/18/2021 9:24 AM	0.563	0.219	2.734
6/18/2021 9:30 AM	0.52	0.198	2.736
6/18/2021 9:36 AM	0.515	0.204	2.755
6/18/2021 9:42 AM	0.54	0.205	2.769
6/18/2021 9:48 AM	0.594	0.22	2.785
6/18/2021 9:54 AM	0.675	0.244	2.789
6/18/2021 10:00 AM	0.757	0.249	2.79
6/18/2021 10:06 AM	0.829	0.278	2.82
6/18/2021 10:12 AM	0.879	0.29	2.842
6/18/2021 10:18 AM	0.914	0.302	2.836
6/18/2021 10:24 AM	<Samp	<Samp	2.814
6/18/2021 10:30 AM	Maintain	Maintain	2.843
6/18/2021 10:36 AM	Maintain	Maintain	2.866
6/18/2021 10:42 AM	Maintain	Maintain	2.875
6/18/2021 10:48 AM	Maintain	Maintain	2.884
6/18/2021 10:54 AM	Maintain	Maintain	2.868
6/18/2021 11:00 AM	Maintain	Maintain	2.85
6/18/2021 11:06 AM	Maintain	Maintain	2.851
6/18/2021 11:12 AM	Maintain	Maintain	2.848
6/18/2021 11:18 AM	Maintain	Maintain	2.855
6/18/2021 11:24 AM	Maintain	Maintain	2.854
6/18/2021 11:30 AM	Maintain	Maintain	2.861
6/18/2021 11:36 AM	<Samp	<Samp	2.853
6/18/2021 11:42 AM	0.749	0.354	2.816
6/18/2021 11:48 AM	0.777	0.38	2.804
6/18/2021 11:54 AM	0.818	0.39	2.827
6/18/2021 12:00 PM	0.838	0.362	2.818
6/18/2021 12:06 PM	0.856	0.385	2.817
6/18/2021 12:12 PM	0.86	0.391	2.811
6/18/2021 12:18 PM	0.864	0.392	2.805
6/18/2021 12:24 PM	0.89	0.39	2.81
6/18/2021 12:30 PM	0.946	0.374	2.791
6/18/2021 12:36 PM	0.938	0.372	2.769
6/18/2021 12:42 PM	0.923	0.385	2.822
6/18/2021 12:48 PM	0.897	0.385	2.835
6/18/2021 12:54 PM	0.877	0.348	2.755
6/18/2021 1:00 PM	0.87	0.35	2.725
6/18/2021 1:06 PM	0.868	0.359	2.751
6/18/2021 1:12 PM	0.874	0.352	2.751
6/18/2021 1:18 PM	0.865	0.363	2.736
6/18/2021 1:24 PM	0.901	0.366	2.73
6/18/2021 1:30 PM	0.899	0.357	2.739

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/18/2021 1:36 PM	0.881	0.357	2.725
6/18/2021 1:42 PM	0.91	0.365	2.722
6/18/2021 1:48 PM	0.93	0.385	2.697
6/18/2021 1:54 PM	0.929	0.409	2.7
6/18/2021 2:00 PM	0.918	0.381	2.717
6/18/2021 2:06 PM	0.92	0.398	2.683
6/18/2021 2:12 PM	0.986	0.4	2.68
6/18/2021 2:18 PM	0.851	0.401	2.68
6/18/2021 2:24 PM	0.584	0.461	2.682
6/18/2021 2:30 PM	0.597	0.523	2.67
6/18/2021 2:36 PM	0.702	0.568	2.664
6/18/2021 2:42 PM	0.697	0.6	2.675
6/18/2021 2:48 PM	0.731	0.636	2.677
6/18/2021 2:54 PM	0.74	0.686	2.692
6/18/2021 3:00 PM	0.735	0.726	2.713
6/18/2021 3:06 PM	0.732	0.726	2.716
6/18/2021 3:12 PM	0.747	0.733	2.688
6/18/2021 3:18 PM	0.733	0.747	2.7
6/18/2021 3:24 PM	0.508	0.752	2.713
6/18/2021 3:30 PM	0.23	0.783	2.759
6/18/2021 3:36 PM	0.247	0.827	2.804
6/18/2021 3:42 PM	0.323	0.777	2.761
6/18/2021 3:48 PM	0.378	0.742	2.357
6/18/2021 3:54 PM	0.528	0.762	2.208
6/18/2021 4:00 PM	0.734	0.802	2.325
6/18/2021 4:06 PM	0.887	0.805	2.377
6/18/2021 4:12 PM	0.968	0.796	2.432
6/18/2021 4:18 PM	1.029	0.773	2.444
6/18/2021 4:24 PM	1.074	0.78	2.469
6/18/2021 4:30 PM	1.068	0.796	2.505
6/18/2021 4:36 PM	1.048	0.762	2.527
6/18/2021 4:42 PM	1.004	0.781	2.544
6/18/2021 4:48 PM	0.981	0.883	2.585
6/18/2021 4:54 PM	1.065	0.868	2.605
6/18/2021 5:00 PM	1.105	0.815	2.622
6/18/2021 5:06 PM	1.106	0.799	2.626
6/18/2021 5:12 PM	1.111	0.854	2.628
6/18/2021 5:18 PM	1.106	0.9	2.645
6/18/2021 5:24 PM	1.127	0.868	2.661
6/18/2021 5:30 PM	1.142	0.858	2.643
6/18/2021 5:36 PM	1.107	0.881	2.64
6/18/2021 5:42 PM	1.1	0.879	2.674
6/18/2021 5:48 PM	1.121	0.873	2.676
6/18/2021 5:54 PM	1.12	0.859	2.664
6/18/2021 6:00 PM	1.079	0.857	2.678
6/18/2021 6:06 PM	1.073	0.828	2.658
6/18/2021 6:12 PM	1.116	0.839	2.676
6/18/2021 6:18 PM	1.106	0.883	2.671
6/18/2021 6:24 PM	1.105	0.866	2.66
6/18/2021 6:30 PM	1.181	0.824	2.672
6/18/2021 6:36 PM	1.213	0.825	2.665
6/18/2021 6:42 PM	1.216	0.821	2.628
6/18/2021 6:48 PM	1.176	0.834	2.623
6/18/2021 6:54 PM	1.155	0.859	2.652

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/18/2021 7:00 PM	1.145	0.876	2.678
6/18/2021 7:06 PM	1.112	0.874	2.658
6/18/2021 7:12 PM	1.103	0.868	2.635
6/18/2021 7:18 PM	1.117	0.885	2.625
6/18/2021 7:24 PM	1.119	0.892	2.657
6/18/2021 7:30 PM	1.057	0.914	2.658
6/18/2021 7:36 PM	0.996	0.908	2.634
6/18/2021 7:42 PM	0.996	0.896	2.605
6/18/2021 7:48 PM	1.003	0.889	2.622
6/18/2021 7:54 PM	1.035	0.896	2.639
6/18/2021 8:00 PM	1.058	0.923	2.642
6/18/2021 8:06 PM	1.065	0.946	2.619
6/18/2021 8:12 PM	1.068	0.938	2.627
6/18/2021 8:18 PM	1.016	0.95	2.627
6/18/2021 8:24 PM	0.973	0.974	2.635
6/18/2021 8:30 PM	0.974	0.963	2.668
6/18/2021 8:36 PM	0.982	0.972	2.684
6/18/2021 8:42 PM	1.01	0.989	2.643
6/18/2021 8:48 PM	0.964	1.023	2.642
6/18/2021 8:54 PM	0.968	1.036	2.647
6/18/2021 9:00 PM	1.022	1.06	2.627
6/18/2021 9:06 PM	1.006	1.1	2.612
6/18/2021 9:12 PM	0.958	1.097	2.611
6/18/2021 9:18 PM	0.924	1.094	2.637
6/18/2021 9:24 PM	0.893	1.111	2.655
6/18/2021 9:30 PM	0.878	1.112	2.651
6/18/2021 9:36 PM	0.841	1.134	2.644
6/18/2021 9:42 PM	0.833	1.131	2.657
6/18/2021 9:48 PM	0.854	1.153	2.665
6/18/2021 9:54 PM	0.887	1.191	2.68
6/18/2021 10:00 PM	0.909	1.214	2.684
6/18/2021 10:06 PM	0.925	1.248	2.675
6/18/2021 10:12 PM	0.93	1.274	2.678
6/18/2021 10:18 PM	0.922	1.288	2.649
6/18/2021 10:24 PM	0.925	1.286	2.648
6/18/2021 10:30 PM	0.977	1.305	2.619
6/18/2021 10:36 PM	0.977	1.334	2.605
6/18/2021 10:42 PM	0.951	1.353	2.605
6/18/2021 10:48 PM	0.962	1.363	2.61
6/18/2021 10:54 PM	0.952	1.396	2.627
6/18/2021 11:00 PM	0.916	1.418	2.628
6/18/2021 11:06 PM	0.912	1.415	2.63
6/18/2021 11:12 PM	0.911	1.436	2.626
6/18/2021 11:18 PM	0.909	1.437	2.627
6/18/2021 11:24 PM	0.939	1.472	2.627
6/18/2021 11:30 PM	0.967	1.484	2.618
6/18/2021 11:36 PM	0.991	1.508	2.634
6/18/2021 11:42 PM	0.965	1.53	2.651
6/18/2021 11:48 PM	0.61	1.543	2.995
6/18/2021 11:54 PM	0.09	1.568	3.24
6/19/2021 12:00 AM	-0.157	1.583	3.027
6/19/2021 12:06 AM	-0.421	1.609	2.95
6/19/2021 12:12 AM	-0.497	1.615	2.9
6/19/2021 12:18 AM	-0.518	1.632	2.851

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/19/2021 12:24 AM	-0.504	1.657	2.833
6/19/2021 12:30 AM	-0.449	1.684	2.81
6/19/2021 12:36 AM	-0.463	1.718	2.835
6/19/2021 12:42 AM	-0.422	1.732	2.843
6/19/2021 12:48 AM	-0.354	1.736	2.791
6/19/2021 12:54 AM	-0.307	1.747	2.777
6/19/2021 1:00 AM	-0.305	1.781	2.767
6/19/2021 1:06 AM	-0.295	1.809	2.776
6/19/2021 1:12 AM	-0.295	1.946	2.794
6/19/2021 1:18 AM	-0.217	2.516	2.798
6/19/2021 1:24 AM	-0.164	2.914	2.828
6/19/2021 1:30 AM	-0.177	2.792	2.838
6/19/2021 1:36 AM	-0.211	2.578	2.855
6/19/2021 1:42 AM	-0.229	2.427	2.862
6/19/2021 1:48 AM	-0.223	2.351	2.837
6/19/2021 1:54 AM	-0.154	2.267	2.83
6/19/2021 2:00 AM	-0.084	2.199	2.842
6/19/2021 2:06 AM	-0.094	2.307	2.862
6/19/2021 2:12 AM	-0.089	2.57	2.899
6/19/2021 2:18 AM	-0.116	2.752	2.897
6/19/2021 2:24 AM	-0.158	2.697	2.848
6/19/2021 2:30 AM	-0.168	2.559	2.854
6/19/2021 2:36 AM	-0.175	2.3	2.878
6/19/2021 2:42 AM	-0.176	2.074	2.871
6/19/2021 2:48 AM	-0.175	1.865	2.854
6/19/2021 2:54 AM	-0.192	1.79	2.876
6/19/2021 3:00 AM	-0.195	1.793	2.864
6/19/2021 3:06 AM	-0.187	1.797	2.878
6/19/2021 3:12 AM	-0.183	1.781	2.864
6/19/2021 3:18 AM	-0.164	1.791	2.86
6/19/2021 3:24 AM	-0.108	1.83	2.872
6/19/2021 3:30 AM	-0.108	1.857	2.886
6/19/2021 3:36 AM	-0.087	1.897	2.889
6/19/2021 3:42 AM	-0.066	1.935	2.873
6/19/2021 3:48 AM	-0.063	1.963	2.886
6/19/2021 3:54 AM	-0.059	1.983	2.854
6/19/2021 4:00 AM	-0.057	2.03	2.839
6/19/2021 4:06 AM	-0.056	2.051	2.866
6/19/2021 4:12 AM	-0.057	2.08	2.95
6/19/2021 4:18 AM	-0.059	2.11	2.971
6/19/2021 4:24 AM	-0.064	2.154	2.907
6/19/2021 4:30 AM	-0.038	2.168	3.047
6/19/2021 4:36 AM	-0.03	2.192	3.053
6/19/2021 4:42 AM	-0.029	2.226	2.883
6/19/2021 4:48 AM	-0.03	2.25	2.83
6/19/2021 4:54 AM	-0.043	2.301	2.819
6/19/2021 5:00 AM	-0.034	2.324	2.829
6/19/2021 5:06 AM	-0.019	2.35	3.144
6/19/2021 5:12 AM	-0.006	2.387	3.357
6/19/2021 5:18 AM	0.016	2.417	3.6
6/19/2021 5:24 AM	0.024	2.455	4.191
6/19/2021 5:30 AM	2.508	2.513	3.609
6/19/2021 5:36 AM	3.427	2.621	2.692
6/19/2021 5:42 AM	1.628	2.891	2.537

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/19/2021 5:48 AM	1.542	3.259	2.577
6/19/2021 5:54 AM	1.464	3.397	2.634
6/19/2021 6:00 AM	1.4	3.386	2.677
6/19/2021 6:06 AM	1.244	3.405	2.695
6/19/2021 6:12 AM	1.019	3.511	2.715
6/19/2021 6:18 AM	0.781	3.609	2.709
6/19/2021 6:24 AM	0.741	3.611	2.723
6/19/2021 6:30 AM	0.917	3.563	2.722
6/19/2021 6:36 AM	1.039	3.59	2.7
6/19/2021 6:42 AM	1.085	3.582	2.729
6/19/2021 6:48 AM	0.706	3.565	2.474
6/19/2021 6:54 AM	0.305	3.563	2.32
6/19/2021 7:00 AM	0.24	3.468	2.449
6/19/2021 7:06 AM	0.244	3.361	2.494
6/19/2021 7:12 AM	0.263	3.417	2.507
6/19/2021 7:18 AM	0.309	3.534	2.523
6/19/2021 7:24 AM	0.355	3.509	2.533
6/19/2021 7:30 AM	0.389	3.285	2.525
6/19/2021 7:36 AM	0.465	3.128	2.569
6/19/2021 7:42 AM	0.475	2.97	2.609
6/19/2021 7:48 AM	0.434	2.851	2.631
6/19/2021 7:54 AM	0.464	2.993	2.642
6/19/2021 8:00 AM	0.517	3.259	2.665
6/19/2021 8:06 AM	0.545	3.157	2.701
6/19/2021 8:12 AM	0.505	3.02	2.654
6/19/2021 8:18 AM	0.487	3.076	2.62
6/19/2021 8:24 AM	0.523	3.142	2.64
6/19/2021 8:30 AM	0.568	3.161	2.637
6/19/2021 8:36 AM	0.614	3.183	2.622
6/19/2021 8:42 AM	0.668	3.225	2.623
6/19/2021 8:48 AM	0.693	3.279	2.622
6/19/2021 8:54 AM	0.72	3.298	2.634
6/19/2021 9:00 AM	0.762	3.317	2.647
6/19/2021 9:06 AM	0.779	3.324	2.62
6/19/2021 9:12 AM	0.815	3.31	2.598
6/19/2021 9:18 AM	0.819	3.246	2.597
6/19/2021 9:24 AM	0.83	3.138	2.605
6/19/2021 9:30 AM	0.846	3.028	2.622
6/19/2021 9:36 AM	0.821	2.913	2.622
6/19/2021 9:42 AM	0.815	2.795	2.649
6/19/2021 9:48 AM	0.813	2.558	2.661
6/19/2021 9:54 AM	0.82	2.358	2.648
6/19/2021 10:00 AM	0.825	2.254	2.648
6/19/2021 10:06 AM	0.851	2.249	2.646
6/19/2021 10:12 AM	0.886	2.275	2.631
6/19/2021 10:18 AM	0.897	2.302	2.629
6/19/2021 10:24 AM	0.907	2.313	2.604
6/19/2021 10:30 AM	0.904	2.299	2.6
6/19/2021 10:36 AM	0.927	2.254	2.621
6/19/2021 10:42 AM	0.95	2.216	2.644
6/19/2021 10:48 AM	0.982	2.175	2.653
6/19/2021 10:54 AM	1.027	2.162	2.624
6/19/2021 11:00 AM	1.045	2.207	2.597
6/19/2021 11:06 AM	1.051	2.245	2.597

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/19/2021 11:12 AM	1.066	2.33	2.613
6/19/2021 11:18 AM	1.071	2.424	2.622
6/19/2021 11:24 AM	1.074	2.485	2.619
6/19/2021 11:30 AM	1.08	2.56	2.619
6/19/2021 11:36 AM	1.047	2.557	2.629
6/19/2021 11:42 AM	1.039	2.463	2.597
6/19/2021 11:48 AM	1.058	2.406	2.565
6/19/2021 11:54 AM	1.041	2.383	2.561
6/19/2021 12:00 PM	0.989	2.357	2.537
6/19/2021 12:06 PM	0.882	2.355	2.526
6/19/2021 12:12 PM	0.956	2.398	2.54
6/19/2021 12:18 PM	0.938	2.445	2.541
6/19/2021 12:24 PM	0.902	2.493	2.545
6/19/2021 12:30 PM	0.91	2.613	2.559
6/19/2021 12:36 PM	0.918	2.75	2.563
6/19/2021 12:42 PM	0.991	2.847	2.556
6/19/2021 12:48 PM	1.009	2.823	2.522
6/19/2021 12:54 PM	0.918	2.802	2.51
6/19/2021 1:00 PM	0.909	2.774	2.508
6/19/2021 1:06 PM	1.242	2.624	2.506
6/19/2021 1:12 PM	1.394	2.503	2.526
6/19/2021 1:18 PM	1.02	2.482	2.502
6/19/2021 1:24 PM	0.912	2.537	2.5
6/19/2021 1:30 PM	0.86	2.638	2.513
6/19/2021 1:36 PM	0.785	2.736	2.528
6/19/2021 1:42 PM	0.768	2.721	2.569
6/19/2021 1:48 PM	0.729	2.565	2.554
6/19/2021 1:54 PM	0.604	2.397	2.544
6/19/2021 2:00 PM	0.499	2.306	2.554
6/19/2021 2:06 PM	0.448	2.282	2.551
6/19/2021 2:12 PM	0.38	2.328	2.544
6/19/2021 2:18 PM	0.306	2.46	2.557
6/19/2021 2:24 PM	0.257	2.657	2.579
6/19/2021 2:30 PM	0.195	2.887	2.585
6/19/2021 2:36 PM	0.16	3.065	2.593
6/19/2021 2:42 PM	0.176	3.182	2.615
6/19/2021 2:48 PM	0.228	3.278	2.591
6/19/2021 2:54 PM	0.214	3.38	2.588
6/19/2021 3:00 PM	0.186	3.448	2.612
6/19/2021 3:06 PM	0.174	3.477	2.612
6/19/2021 3:12 PM	0.129	3.479	2.606
6/19/2021 3:18 PM	0.067	3.469	2.612
6/19/2021 3:24 PM	0.062	3.452	2.604
6/19/2021 3:30 PM	0.091	3.412	2.63
6/19/2021 3:36 PM	0.089	3.372	2.642
6/19/2021 3:42 PM	0.167	3.327	2.636
6/19/2021 3:48 PM	0.368	3.295	2.617
6/19/2021 3:54 PM	0.497	3.254	2.62
6/19/2021 4:00 PM	0.548	3.231	2.635
6/19/2021 4:06 PM	0.582	3.22	2.62
6/19/2021 4:12 PM	0.616	3.238	2.621
6/19/2021 4:18 PM	0.614	3.266	2.613
6/19/2021 4:24 PM	0.59	3.264	2.628
6/19/2021 4:30 PM	0.592	3.247	2.634

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/19/2021 4:36 PM	0.598	3.229	2.629
6/19/2021 4:42 PM	0.602	3.203	2.624
6/19/2021 4:48 PM	0.612	3.159	2.63
6/19/2021 4:54 PM	0.605	3.146	2.642
6/19/2021 5:00 PM	0.591	3.161	2.635
6/19/2021 5:06 PM	0.591	3.166	2.637
6/19/2021 5:12 PM	0.523	3.1	2.628
6/19/2021 5:18 PM	0.425	3.022	2.658
6/19/2021 5:24 PM	0.356	2.894	2.678
6/19/2021 5:30 PM	0.306	2.57	2.693
6/19/2021 5:36 PM	0.301	2.197	2.748
6/19/2021 5:42 PM	0.3	1.999	2.785
6/19/2021 5:48 PM	0.289	2.087	2.761
6/19/2021 5:54 PM	0.279	2.203	2.755
6/19/2021 6:00 PM	0.312	2.27	2.779
6/19/2021 6:06 PM	0.309	2.348	2.76
6/19/2021 6:12 PM	0.267	2.4	2.748
6/19/2021 6:18 PM	0.24	2.351	2.773
6/19/2021 6:24 PM	0.227	2.319	2.753
6/19/2021 6:30 PM	0.221	2.262	2.869
6/19/2021 6:36 PM	0.227	2.097	2.892
6/19/2021 6:42 PM	0.222	1.975	2.795
6/19/2021 6:48 PM	0.203	2.008	2.792
6/19/2021 6:54 PM	0.198	2.106	2.768
6/19/2021 7:00 PM	0.193	2.218	2.777
6/19/2021 7:06 PM	0.227	2.333	2.801
6/19/2021 7:12 PM	0.292	2.438	2.786
6/19/2021 7:18 PM	0.297	2.526	2.765
6/19/2021 7:24 PM	0.277	2.566	2.72
6/19/2021 7:30 PM	0.224	2.594	2.683
6/19/2021 7:36 PM	0.198	2.62	2.682
6/19/2021 7:42 PM	0.194	2.635	2.73
6/19/2021 7:48 PM	0.191	2.665	2.773
6/19/2021 7:54 PM	0.174	2.735	2.782
6/19/2021 8:00 PM	0.135	2.914	2.733
6/19/2021 8:06 PM	0.123	3.169	2.717
6/19/2021 8:12 PM	0.137	3.339	2.724
6/19/2021 8:18 PM	0.141	3.39	2.704
6/19/2021 8:24 PM	0.132	3.389	2.688
6/19/2021 8:30 PM	0.13	3.385	2.657
6/19/2021 8:36 PM	0.131	3.389	2.656
6/19/2021 8:42 PM	0.117	3.375	2.66
6/19/2021 8:48 PM	0.121	3.366	2.654
6/19/2021 8:54 PM	0.101	3.346	2.653
6/19/2021 9:00 PM	0.096	3.34	2.674
6/19/2021 9:06 PM	0.097	3.349	2.685
6/19/2021 9:12 PM	0.107	3.357	2.702
6/19/2021 9:18 PM	0.12	3.371	2.684
6/19/2021 9:24 PM	0.129	3.371	2.66
6/19/2021 9:30 PM	0.144	3.382	2.659
6/19/2021 9:36 PM	0.198	3.383	2.654
6/19/2021 9:42 PM	0.283	3.386	2.658
6/19/2021 9:48 PM	0.344	3.397	2.642
6/19/2021 9:54 PM	0.366	3.403	2.614

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/19/2021 10:00 PM	0.366	3.407	2.632
6/19/2021 10:06 PM	0.379	3.424	2.657
6/19/2021 10:12 PM	0.373	3.435	2.671
6/19/2021 10:18 PM	0.363	3.421	2.676
6/19/2021 10:24 PM	0.373	3.413	2.646
6/19/2021 10:30 PM	0.375	3.409	2.63
6/19/2021 10:36 PM	0.388	3.409	2.619
6/19/2021 10:42 PM	0.424	3.413	2.645
6/19/2021 10:48 PM	0.432	3.405	2.672
6/19/2021 10:54 PM	0.432	3.385	2.69
6/19/2021 11:00 PM	0.418	3.305	2.73
6/19/2021 11:06 PM	0.385	3.217	2.72
6/19/2021 11:12 PM	0.386	3.171	2.687
6/19/2021 11:18 PM	0.383	3.156	2.683
6/19/2021 11:24 PM	0.352	3.127	2.703
6/19/2021 11:30 PM	0.33	3.083	2.706
6/19/2021 11:36 PM	0.338	3.058	2.7
6/19/2021 11:42 PM	0.372	3.051	2.713
6/19/2021 11:48 PM	0.562	3.039	2.687
6/19/2021 11:54 PM	0.926	3.029	1.655
6/20/2021 12:00 AM	0.839	3.021	0.815
6/20/2021 12:06 AM	0.664	3.019	0.824
6/20/2021 12:12 AM	0.568	3.019	0.8
6/20/2021 12:18 AM	0.536	3.025	0.801
6/20/2021 12:24 AM	0.544	3.038	0.807
6/20/2021 12:30 AM	0.498	3.06	0.813
6/20/2021 12:36 AM	0.376	3.078	0.838
6/20/2021 12:42 AM	0.253	3.08	0.84
6/20/2021 12:48 AM	0.113	3.071	0.826
6/20/2021 12:54 AM	0.057	3.07	0.833
6/20/2021 1:00 AM	0.021	3.068	0.838
6/20/2021 1:06 AM	-0.034	3.054	0.839
6/20/2021 1:12 AM	-0.104	3.061	0.842
6/20/2021 1:18 AM	-0.154	3.076	0.832
6/20/2021 1:24 AM	-0.141	3.082	0.823
6/20/2021 1:30 AM	-0.126	3.086	0.832
6/20/2021 1:36 AM	-0.039	3.073	0.829
6/20/2021 1:42 AM	0.004	3.068	0.835
6/20/2021 1:48 AM	-0.023	3.082	0.825
6/20/2021 1:54 AM	-0.075	3.095	0.819
6/20/2021 2:00 AM	-0.077	3.105	0.822
6/20/2021 2:06 AM	-0.079	3.109	0.832
6/20/2021 2:12 AM	-0.079	3.099	0.831
6/20/2021 2:18 AM	-0.034	3.1	0.836
6/20/2021 2:24 AM	-0.002	3.099	0.842
6/20/2021 2:30 AM	-0.07	3.095	0.844
6/20/2021 2:36 AM	-0.142	3.095	0.838
6/20/2021 2:42 AM	-0.136	3.091	0.828
6/20/2021 2:48 AM	-0.112	3.083	0.829
6/20/2021 2:54 AM	-0.11	3.078	0.84
6/20/2021 3:00 AM	-0.144	3.072	0.826
6/20/2021 3:06 AM	-0.168	3.063	0.822
6/20/2021 3:12 AM	-0.162	3.053	0.823
6/20/2021 3:18 AM	-0.15	3.042	0.828

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/20/2021 3:24 AM	-0.165	3.037	0.842
6/20/2021 3:30 AM	-0.171	3.034	0.828
6/20/2021 3:36 AM	-0.141	3.027	0.83
6/20/2021 3:42 AM	-0.091	3.034	0.849
6/20/2021 3:48 AM	-0.077	3.05	0.842
6/20/2021 3:54 AM	-0.076	3.064	0.841
6/20/2021 4:00 AM	-0.12	3.075	0.853
6/20/2021 4:06 AM	-0.139	3.082	0.855
6/20/2021 4:12 AM	-0.136	3.101	0.845
6/20/2021 4:18 AM	-0.115	3.132	0.844
6/20/2021 4:24 AM	-0.083	3.16	0.837
6/20/2021 4:30 AM	-0.074	3.184	0.841
6/20/2021 4:36 AM	-0.08	3.207	0.846
6/20/2021 4:42 AM	-0.104	3.252	0.837
6/20/2021 4:48 AM	-0.092	3.418	0.829
6/20/2021 4:54 AM	-0.06	3.799	0.846
6/20/2021 5:00 AM	-0.063	4.391	0.868
6/20/2021 5:06 AM	-0.077	4.8	0.865
6/20/2021 5:12 AM	-0.1	5.087	0.865
6/20/2021 5:18 AM	-0.066	5.363	0.858
6/20/2021 5:24 AM	-0.029	5.512	0.853
6/20/2021 5:30 AM	-0.016	5.64	0.839
6/20/2021 5:36 AM	0.006	5.628	0.834
6/20/2021 5:42 AM	0.004	5.655	0.845
6/20/2021 5:48 AM	-0.02	5.774	0.852
6/20/2021 5:54 AM	-0.022	5.702	0.853
6/20/2021 6:00 AM	0.01	5.599	0.849
6/20/2021 6:06 AM	0.02	5.733	0.832
6/20/2021 6:12 AM	-0.026	5.472	0.823
6/20/2021 6:18 AM	-0.077	4.854	0.819
6/20/2021 6:24 AM	-0.046	4.526	0.823
6/20/2021 6:30 AM	-0.028	4.737	0.816
6/20/2021 6:36 AM	-0.03	5.222	0.813
6/20/2021 6:42 AM	0.014	5.41	0.806
6/20/2021 6:48 AM	0.001	5.424	0.8
6/20/2021 6:54 AM	-0.018	5.363	0.794
6/20/2021 7:00 AM	0.039	5.055	0.791
6/20/2021 7:06 AM	0.273	5.001	0.788
6/20/2021 7:12 AM	0.284	5.148	0.781
6/20/2021 7:18 AM	0.184	5.101	0.77
6/20/2021 7:24 AM	0.162	5.068	0.776
6/20/2021 7:30 AM	0.125	4.97	0.779
6/20/2021 7:36 AM	0.063	4.846	0.781
6/20/2021 7:42 AM	0.048	4.701	0.776
6/20/2021 7:48 AM	0.047	4.425	0.758
6/20/2021 7:54 AM	0.017	4.114	0.747
6/20/2021 8:00 AM	0.008	3.866	0.753
6/20/2021 8:06 AM	0.039	3.613	0.759
6/20/2021 8:12 AM	0.742	3.425	0.762
6/20/2021 8:18 AM	1.345	3.276	0.772
6/20/2021 8:24 AM	1.183	3.196	0.78
6/20/2021 8:30 AM	1.028	3.113	0.776
6/20/2021 8:36 AM	0.965	3.052	0.769
6/20/2021 8:42 AM	0.982	2.97	0.777

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/20/2021 8:48 AM	0.977	2.871	0.781
6/20/2021 8:54 AM	0.956	2.787	0.787
6/20/2021 9:00 AM	0.943	2.713	0.791
6/20/2021 9:06 AM	0.972	2.587	0.781
6/20/2021 9:12 AM	1.017	2.421	0.786
6/20/2021 9:18 AM	0.99	2.284	0.801
6/20/2021 9:24 AM	0.931	2.173	0.808
6/20/2021 9:30 AM	0.934	2.084	0.81
6/20/2021 9:36 AM	0.913	2.071	0.816
6/20/2021 9:42 AM	0.905	2.123	0.823
6/20/2021 9:48 AM	0.894	2.171	0.841
6/20/2021 9:54 AM	0.883	2.201	0.851
6/20/2021 10:00 AM	0.888	2.224	0.858
6/20/2021 10:06 AM	0.907	2.239	0.858
6/20/2021 10:12 AM	0.915	2.253	0.857
6/20/2021 10:18 AM	0.887	2.254	0.86
6/20/2021 10:24 AM	0.892	2.219	0.873
6/20/2021 10:30 AM	0.909	2.153	0.882
6/20/2021 10:36 AM	0.919	2.084	0.887
6/20/2021 10:42 AM	0.94	2.037	0.892
6/20/2021 10:48 AM	0.941	2.004	0.896
6/20/2021 10:54 AM	0.972	1.996	0.894
6/20/2021 11:00 AM	0.999	2.038	0.897
6/20/2021 11:06 AM	0.924	2.041	0.907
6/20/2021 11:12 AM	0.929	2.027	0.913
6/20/2021 11:18 AM	1.004	1.998	0.916
6/20/2021 11:24 AM	0.966	2.021	0.909
6/20/2021 11:30 AM	0.933	2.065	0.908
6/20/2021 11:36 AM	0.947	2.085	0.903
6/20/2021 11:42 AM	0.909	2.098	0.905
6/20/2021 11:48 AM	0.911	2.074	0.912
6/20/2021 11:54 AM	0.926	2.049	0.912
6/20/2021 12:00 PM	0.954	2.076	0.902
6/20/2021 12:06 PM	0.984	2.122	0.88
6/20/2021 12:12 PM	1.008	2.234	0.884
6/20/2021 12:18 PM	1.022	2.372	0.884
6/20/2021 12:24 PM	1.002	2.514	0.886
6/20/2021 12:30 PM	0.98	2.629	0.89
6/20/2021 12:36 PM	1.039	2.738	0.888
6/20/2021 12:42 PM	1.053	2.792	0.888
6/20/2021 12:48 PM	1.028	2.743	0.886
6/20/2021 12:54 PM	1.033	2.593	0.88
6/20/2021 1:00 PM	0.995	2.366	0.881
6/20/2021 1:06 PM	0.475	2.29	0.888
6/20/2021 1:12 PM	0.019	2.334	0.897
6/20/2021 1:18 PM	0.202	2.403	0.903
6/20/2021 1:24 PM	0.325	2.502	0.904
6/20/2021 1:30 PM	0.39	2.572	0.906
6/20/2021 1:36 PM	0.38	2.595	0.91
6/20/2021 1:42 PM	0.406	2.59	0.913
6/20/2021 1:48 PM	0.473	2.587	0.916
6/20/2021 1:54 PM	0.529	2.598	0.914
6/20/2021 2:00 PM	0.575	2.584	0.919
6/20/2021 2:06 PM	0.565	2.57	0.922

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/20/2021 2:12 PM	0.587	2.644	0.919
6/20/2021 2:18 PM	0.638	2.764	0.923
6/20/2021 2:24 PM	0.677	2.835	0.931
6/20/2021 2:30 PM	0.744	2.981	0.934
6/20/2021 2:36 PM	0.839	3.279	0.934
6/20/2021 2:42 PM	0.907	3.444	0.94
6/20/2021 2:48 PM	0.936	3.46	0.955
6/20/2021 2:54 PM	0.985	3.439	0.964
6/20/2021 3:00 PM	1.018	3.421	0.97
6/20/2021 3:06 PM	1.004	3.395	0.975
6/20/2021 3:12 PM	0.949	3.315	0.976
6/20/2021 3:18 PM	0.861	3.178	0.975
6/20/2021 3:24 PM	0.827	3.057	0.973
6/20/2021 3:30 PM	0.823	2.967	0.97
6/20/2021 3:36 PM	0.868	2.95	0.971
6/20/2021 3:42 PM	0.914	2.89	0.974
6/20/2021 3:48 PM	0.927	2.82	0.979
6/20/2021 3:54 PM	0.917	2.864	0.977
6/20/2021 4:00 PM	0.931	3.012	0.977
6/20/2021 4:06 PM	0.954	3.179	0.982
6/20/2021 4:12 PM	0.94	3.365	0.985
6/20/2021 4:18 PM	0.931	3.617	0.988
6/20/2021 4:24 PM	0.936	3.879	0.992
6/20/2021 4:30 PM	0.942	4.023	0.997
6/20/2021 4:36 PM	0.942	4.105	0.998
6/20/2021 4:42 PM	0.947	4.255	1.001
6/20/2021 4:48 PM	0.984	4.385	1.007
6/20/2021 4:54 PM	1.018	4.425	1.01
6/20/2021 5:00 PM	1.018	4.33	1.009
6/20/2021 5:06 PM	1.012	4.278	1.01
6/20/2021 5:12 PM	1.02	4.286	1.013
6/20/2021 5:18 PM	1.093	4.2	1.019
6/20/2021 5:24 PM	1.118	4.155	1.024
6/20/2021 5:30 PM	1.078	4.072	1.025
6/20/2021 5:36 PM	1.048	3.963	1.025
6/20/2021 5:42 PM	1.064	3.909	1.028
6/20/2021 5:48 PM	1.072	3.879	1.028
6/20/2021 5:54 PM	1.092	3.901	1.029
6/20/2021 6:00 PM	1.145	4.004	1.038
6/20/2021 6:06 PM	1.202	4.131	1.045
6/20/2021 6:12 PM	1.213	4.245	1.049
6/20/2021 6:18 PM	1.197	4.363	1.052
6/20/2021 6:24 PM	1.194	4.485	1.054
6/20/2021 6:30 PM	1.189	4.579	1.054
6/20/2021 6:36 PM	1.164	4.64	1.058
6/20/2021 6:42 PM	1.105	4.668	1.06
6/20/2021 6:48 PM	1.049	4.672	1.061
6/20/2021 6:54 PM	1.025	4.661	1.064
6/20/2021 7:00 PM	1.004	4.641	1.068
6/20/2021 7:06 PM	0.983	4.616	1.068
6/20/2021 7:12 PM	0.987	4.589	1.069
6/20/2021 7:18 PM	0.986	4.559	1.07
6/20/2021 7:24 PM	0.989	4.534	1.069
6/20/2021 7:30 PM	1.008	4.512	1.072

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/20/2021 7:36 PM	1.022	4.479	1.074
6/20/2021 7:42 PM	1.033	4.441	1.075
6/20/2021 7:48 PM	1.013	4.406	1.076
6/20/2021 7:54 PM	1.005	4.353	1.077
6/20/2021 8:00 PM	1.004	4.329	1.081
6/20/2021 8:06 PM	0.998	4.317	1.084
6/20/2021 8:12 PM	0.981	4.294	1.087
6/20/2021 8:18 PM	0.962	4.288	1.088
6/20/2021 8:24 PM	0.931	4.301	1.093
6/20/2021 8:30 PM	0.927	4.308	1.1
6/20/2021 8:36 PM	0.94	4.3	1.102
6/20/2021 8:42 PM	0.898	4.283	1.104
6/20/2021 8:48 PM	0.863	4.263	1.106
6/20/2021 8:54 PM	0.899	4.24	1.105
6/20/2021 9:00 PM	0.884	4.223	1.107
6/20/2021 9:06 PM	0.865	4.238	1.114
6/20/2021 9:12 PM	0.87	4.269	1.121
6/20/2021 9:18 PM	0.888	4.291	1.123
6/20/2021 9:24 PM	0.895	4.301	1.123
6/20/2021 9:30 PM	0.876	4.322	1.135
6/20/2021 9:36 PM	0.863	4.348	1.144
6/20/2021 9:42 PM	0.863	4.354	1.141
6/20/2021 9:48 PM	0.86	4.363	1.141
6/20/2021 9:54 PM	0.862	4.375	1.141
6/20/2021 10:00 PM	0.873	4.383	1.143
6/20/2021 10:06 PM	0.868	4.388	1.146
6/20/2021 10:12 PM	0.842	4.391	1.152
6/20/2021 10:18 PM	0.811	4.393	1.155
6/20/2021 10:24 PM	0.804	4.39	1.152
6/20/2021 10:30 PM	0.819	4.392	1.15
6/20/2021 10:36 PM	0.823	4.404	1.15
6/20/2021 10:42 PM	0.807	4.408	1.151
6/20/2021 10:48 PM	1.204	4.397	1.15
6/20/2021 10:54 PM	2.404	4.399	1.151
6/20/2021 11:00 PM	2.278	4.41	1.154
6/20/2021 11:06 PM	1.717	4.414	1.155
6/20/2021 11:12 PM	1.551	4.414	1.155
6/20/2021 11:18 PM	1.483	4.412	1.158
6/20/2021 11:24 PM	1.427	4.412	1.159
6/20/2021 11:30 PM	1.359	4.419	1.159
6/20/2021 11:36 PM	1.319	4.429	1.164
6/20/2021 11:42 PM	1.258	4.45	1.167
6/20/2021 11:48 PM	1.261	4.492	1.167
6/20/2021 11:54 PM	1.285	4.547	1.166
6/21/2021 12:00 AM	1.224	4.59	1.166
6/21/2021 12:06 AM	1.239	4.598	1.169
6/21/2021 12:12 AM	1.221	4.592	1.169
6/21/2021 12:18 AM	1.163	4.575	1.17
6/21/2021 12:24 AM	1.148	4.547	1.173
6/21/2021 12:30 AM	1.129	4.523	1.175
6/21/2021 12:36 AM	1.038	4.504	1.177
6/21/2021 12:42 AM	0.27	4.477	1.178
6/21/2021 12:48 AM	-0.168	4.463	1.18
6/21/2021 12:54 AM	-0.096	4.463	1.182

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/21/2021 1:00 AM	-0.105	4.477	1.184
6/21/2021 1:06 AM	-0.105	4.511	1.185
6/21/2021 1:12 AM	-0.119	4.539	1.185
6/21/2021 1:18 AM	-0.135	4.555	1.186
6/21/2021 1:24 AM	-0.15	4.561	1.187
6/21/2021 1:30 AM	-0.161	4.56	1.19
6/21/2021 1:36 AM	-0.181	4.536	1.193
6/21/2021 1:42 AM	-0.174	4.508	1.198
6/21/2021 1:48 AM	-0.122	4.536	1.202
6/21/2021 1:54 AM	-0.086	4.582	1.202
6/21/2021 2:00 AM	-0.027	4.622	1.2
6/21/2021 2:06 AM	0.056	4.625	1.198
6/21/2021 2:12 AM	0.119	4.585	1.199
6/21/2021 2:18 AM	0.162	4.515	1.205
6/21/2021 2:24 AM	0.196	4.477	1.21
6/21/2021 2:30 AM	0.255	4.473	1.215
6/21/2021 2:36 AM	0.288	4.494	1.218
6/21/2021 2:42 AM	0.3	4.502	1.218
6/21/2021 2:48 AM	0.315	4.474	1.218
6/21/2021 2:54 AM	0.326	4.431	1.217
6/21/2021 3:00 AM	0.32	4.405	1.216
6/21/2021 3:06 AM	0.361	4.409	1.218
6/21/2021 3:12 AM	0.393	4.427	1.218
6/21/2021 3:18 AM	0.396	4.434	1.221
6/21/2021 3:24 AM	0.401	4.433	1.225
6/21/2021 3:30 AM	0.453	4.436	1.228
6/21/2021 3:36 AM	0.436	4.434	1.233
6/21/2021 3:42 AM	0.347	4.437	1.237
6/21/2021 3:48 AM	0.348	4.461	1.241
6/21/2021 3:54 AM	0.409	4.51	1.244
6/21/2021 4:00 AM	0.465	4.558	1.241
6/21/2021 4:06 AM	0.437	4.588	1.239
6/21/2021 4:12 AM	0.417	4.605	1.238
6/21/2021 4:18 AM	0.444	4.612	1.238
6/21/2021 4:24 AM	0.497	4.609	1.243
6/21/2021 4:30 AM	0.49	4.622	1.243
6/21/2021 4:36 AM	0.476	4.65	1.241
6/21/2021 4:42 AM	0.476	4.69	1.238
6/21/2021 4:48 AM	0.493	4.76	1.236
6/21/2021 4:54 AM	0.516	4.863	1.238
6/21/2021 5:00 AM	0.512	4.996	1.241
6/21/2021 5:06 AM	0.524	5.118	1.239
6/21/2021 5:12 AM	0.495	5.202	1.236
6/21/2021 5:18 AM	0.483	5.382	1.238
6/21/2021 5:24 AM	0.516	5.543	1.241
6/21/2021 5:30 AM	0.521	5.678	1.242
6/21/2021 5:36 AM	0.499	5.744	1.238
6/21/2021 5:42 AM	0.497	5.778	1.239
6/21/2021 5:48 AM	0.536	5.875	1.243
6/21/2021 5:54 AM	0.572	6.012	1.242
6/21/2021 6:00 AM	0.586	6.024	1.237
6/21/2021 6:06 AM	0.588	5.824	1.238
6/21/2021 6:12 AM	0.6	5.68	1.239
6/21/2021 6:18 AM	0.464	23.989	1.242

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/21/2021 6:24 AM	0.053	36.271	1.246
6/21/2021 6:30 AM	-0.031	20.807	1.246
6/21/2021 6:36 AM	0.168	16.047	1.244
6/21/2021 6:42 AM	0.353	14.06	1.239
6/21/2021 6:48 AM	0.449	11.386	1.237
6/21/2021 6:54 AM	0.506	10.25	1.235
6/21/2021 7:00 AM	0.593	9.937	1.228
6/21/2021 7:06 AM	0.611	10.022	1.226
6/21/2021 7:12 AM	0.627	9.982	1.227
6/21/2021 7:18 AM	0.645	9.781	1.229
6/21/2021 7:24 AM	0.679	8.991	1.229
6/21/2021 7:30 AM	0.695	7.74	1.225
6/21/2021 7:36 AM	0.676	6.874	1.222
6/21/2021 7:42 AM	0.712	6.421	1.227
6/21/2021 7:48 AM	0.741	6.007	1.234
6/21/2021 7:54 AM	0.643	5.815	1.242
6/21/2021 8:00 AM	0.445	5.971	1.242
6/21/2021 8:06 AM	0.242	6.083	1.239
6/21/2021 8:12 AM	0.205	5.815	1.232
6/21/2021 8:18 AM	0.401	5.496	1.223
6/21/2021 8:24 AM	0.487	5.132	1.217
6/21/2021 8:30 AM	0.492	4.961	1.219
6/21/2021 8:36 AM	0.493	5.062	1.224
6/21/2021 8:42 AM	0.498	5.142	1.224
6/21/2021 8:48 AM	0.516	5.082	1.226
6/21/2021 8:54 AM	0.554	5.104	1.228
6/21/2021 9:00 AM	0.588	5.184	1.224
6/21/2021 9:06 AM	0.597	5.46	1.218
6/21/2021 9:12 AM	0.772	5.504	1.217
6/21/2021 9:18 AM	0.805	5.299	1.218
6/21/2021 9:24 AM	0.601	5.156	1.219
6/21/2021 9:30 AM	0.571	5.07	1.221
6/21/2021 9:36 AM	0.575	4.998	1.222
6/21/2021 9:42 AM	0.581	4.951	1.225
6/21/2021 9:48 AM	0.586	4.933	1.229
6/21/2021 9:54 AM	0.595	4.954	1.232
6/21/2021 10:00 AM	0.59	5.025	1.235
6/21/2021 10:06 AM	0.616	5.051	1.238
6/21/2021 10:12 AM	0.618	5.114	1.241
6/21/2021 10:18 AM	0.65	5.168	1.246
6/21/2021 10:24 AM	0.699	5.057	1.245
6/21/2021 10:30 AM	0.761	5.014	1.236
6/21/2021 10:36 AM	0.776	5.066	1.228
6/21/2021 10:42 AM	0.809	5.104	1.228
6/21/2021 10:48 AM	0.844	5.101	1.23
6/21/2021 10:54 AM	0.792	5.094	1.23
6/21/2021 11:00 AM	0.705	5.006	1.235
6/21/2021 11:06 AM	0.688	5.011	1.238
6/21/2021 11:12 AM	0.708	5.017	1.235
6/21/2021 11:18 AM	0.74	4.971	1.232
6/21/2021 11:24 AM	0.672	5.034	1.229
6/21/2021 11:30 AM	0.646	5.034	1.228
6/21/2021 11:36 AM	0.627	5.037	1.227
6/21/2021 11:42 AM	0.628	4.974	1.225

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/21/2021 11:48 AM	0.729	4.972	1.222
6/21/2021 11:54 AM	0.768	5.025	1.226
6/21/2021 12:00 PM	0.78	5.071	1.21
6/21/2021 12:06 PM	0.818	5.012	1.152
6/21/2021 12:12 PM	0.916	5.028	1.156
6/21/2021 12:18 PM	0.939	5.099	1.157
6/21/2021 12:24 PM	0.85	5.126	1.167
6/21/2021 12:30 PM	0.858	5.124	1.171
6/21/2021 12:36 PM	0.845	5.129	1.171
6/21/2021 12:42 PM	0.844	5.124	1.169
6/21/2021 12:48 PM	0.856	5.077	1.165
6/21/2021 12:54 PM	0.841	5.018	1.162
6/21/2021 1:00 PM	0.807	5.078	1.147
6/21/2021 1:06 PM	0.782	5.132	1.139
6/21/2021 1:12 PM	0.744	4.976	1.145
6/21/2021 1:18 PM	0.564	4.934	1.148
6/21/2021 1:24 PM	0.285	4.757	1.152
6/21/2021 1:30 PM	0.402	4.711	1.156
6/21/2021 1:36 PM	0.566	4.744	1.157
6/21/2021 1:42 PM	0.679	4.615	1.156
6/21/2021 1:48 PM	0.745	4.454	1.153
6/21/2021 1:54 PM	0.781	4.492	1.155
6/21/2021 2:00 PM	0.835	4.639	1.156
6/21/2021 2:06 PM	0.867	4.629	1.152
6/21/2021 2:12 PM	0.876	4.531	1.152
6/21/2021 2:18 PM	0.91	4.546	1.152
6/21/2021 2:24 PM	0.939	4.565	1.152
6/21/2021 2:30 PM	1.619	3.749	1.146
6/21/2021 2:36 PM	2.271	1.789	1.14
6/21/2021 2:42 PM	1.778	1.498	1.141
6/21/2021 2:48 PM	1.622	1.464	1.149
6/21/2021 2:54 PM	1.568	0.987	1.155
6/21/2021 3:00 PM	1.531	3.943	1.158
6/21/2021 3:06 PM	0.927	9.321	1.161
6/21/2021 3:12 PM	0.429	7.485	1.161
6/21/2021 3:18 PM	0.542	5.45	1.159
6/21/2021 3:24 PM	0.589	5.006	1.16
6/21/2021 3:30 PM	0.623	4.857	1.163
6/21/2021 3:36 PM	0.68	4.808	1.163
6/21/2021 3:42 PM	0.702	4.792	1.163
6/21/2021 3:48 PM	0.717	4.912	1.164
6/21/2021 3:54 PM	0.721	5.068	1.164
6/21/2021 4:00 PM	0.684	5.124	1.167
6/21/2021 4:06 PM	0.661	5.048	1.17
6/21/2021 4:12 PM	0.684	4.935	1.174
6/21/2021 4:18 PM	0.69	4.882	1.176
6/21/2021 4:24 PM	0.67	4.863	1.177
6/21/2021 4:30 PM	0.664	4.897	1.178
6/21/2021 4:36 PM	0.649	4.913	1.179
6/21/2021 4:42 PM	0.64	5.062	1.178
6/21/2021 4:48 PM	0.626	5.38	1.176
6/21/2021 4:54 PM	0.605	5.38	1.173
6/21/2021 5:00 PM	0.6	5.188	1.169
6/21/2021 5:06 PM	0.606	5.103	2.81

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/21/2021 5:12 PM	0.591	5.024	3.195
6/21/2021 5:18 PM	0.582	5.146	5.012
6/21/2021 5:24 PM	0.624	5.083	5.784
6/21/2021 5:30 PM	0.654	5.101	2.19
6/21/2021 5:36 PM	0.639	5.202	4.332
6/21/2021 5:42 PM	0.629	5.286	4.524
6/21/2021 5:48 PM	0.646	5.464	1.925
6/21/2021 5:54 PM	0.688	5.519	1.512
6/21/2021 6:00 PM	0.685	5.442	1.357
6/21/2021 6:06 PM	0.65	5.53	1.259
6/21/2021 6:12 PM	0.644	5.387	1.203
6/21/2021 6:18 PM	0.668	5.18	1.172
6/21/2021 6:24 PM	0.677	5.232	1.157
6/21/2021 6:30 PM	0.687	5.286	1.149
6/21/2021 6:36 PM	0.692	5.299	1.142
6/21/2021 6:42 PM	0.692	5.258	1.136
6/21/2021 6:48 PM	0.707	5.195	1.13
6/21/2021 6:54 PM	0.689	5.084	1.128
6/21/2021 7:00 PM	0.681	5.115	1.144
6/21/2021 7:06 PM	0.673	5.1	1.155
6/21/2021 7:12 PM	0.652	5.146	1.152
6/21/2021 7:18 PM	0.647	5.186	1.514
6/21/2021 7:24 PM	0.638	5.046	9.345
6/21/2021 7:30 PM	0.632	4.906	5.672
6/21/2021 7:36 PM	0.622	4.966	1.485
6/21/2021 7:42 PM	0.617	5.044	1.294
6/21/2021 7:48 PM	0.618	4.963	1.175
6/21/2021 7:54 PM	0.622	4.832	1.112
6/21/2021 8:00 PM	0.607	4.81	1.085
6/21/2021 8:06 PM	0.587	4.852	1.072
6/21/2021 8:12 PM	0.575	4.818	1.064
6/21/2021 8:18 PM	0.592	4.901	1.062
6/21/2021 8:24 PM	0.588	4.869	1.062
6/21/2021 8:30 PM	0.583	4.77	1.065
6/21/2021 8:36 PM	0.595	4.931	1.069
6/21/2021 8:42 PM	0.595	5.132	1.071
6/21/2021 8:48 PM	0.6	4.956	1.072
6/21/2021 8:54 PM	0.643	4.813	1.075
6/21/2021 9:00 PM	0.729	4.836	1.08
6/21/2021 9:06 PM	0.825	5.138	1.085
6/21/2021 9:12 PM	0.711	5.246	1.095
6/21/2021 9:18 PM	0.411	5.17	1.105
6/21/2021 9:24 PM	0.332	5.209	1.105
6/21/2021 9:30 PM	0.304	5.083	1.106
6/21/2021 9:36 PM	0.277	5.03	1.106
6/21/2021 9:42 PM	0.221	4.892	1.105
6/21/2021 9:48 PM	0.203	4.921	1.105
6/21/2021 9:54 PM	0.17	5.047	1.103
6/21/2021 10:00 PM	0.158	4.946	1.101
6/21/2021 10:06 PM	0.165	4.825	1.097
6/21/2021 10:12 PM	0.165	4.831	1.093
6/21/2021 10:18 PM	0.29	4.716	1.093
6/21/2021 10:24 PM	0.496	4.426	1.094
6/21/2021 10:30 PM	0.719	4.311	1.098

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/21/2021 10:36 PM	0.896	4.336	1.105
6/21/2021 10:42 PM	0.935	4.253	1.107
6/21/2021 10:48 PM	0.963	4.309	1.103
6/21/2021 10:54 PM	1.009	4.359	1.102
6/21/2021 11:00 PM	0.997	4.264	1.103
6/21/2021 11:06 PM	1.017	4.15	1.103
6/21/2021 11:12 PM	1.047	4.186	1.107
6/21/2021 11:18 PM	0.997	4.24	1.109
6/21/2021 11:24 PM	0.913	4.297	1.109
6/21/2021 11:30 PM	0.87	4.288	1.11
6/21/2021 11:36 PM	0.888	4.344	1.109
6/21/2021 11:42 PM	0.916	4.431	1.109
6/21/2021 11:48 PM	0.942	4.442	1.111
6/21/2021 11:54 PM	0.998	4.408	1.112
6/22/2021 12:00 AM	1.091	4.41	1.115
6/22/2021 12:06 AM	1.101	4.49	1.12
6/22/2021 12:12 AM	1.029	4.4	1.121
6/22/2021 12:18 AM	1.009	4.33	1.121
6/22/2021 12:24 AM	1.021	4.317	1.122
6/22/2021 12:30 AM	0.972	4.292	1.124
6/22/2021 12:36 AM	0.907	4.262	1.125
6/22/2021 12:42 AM	0.89	4.195	1.126
6/22/2021 12:48 AM	0.871	4.143	1.128
6/22/2021 12:54 AM	1.049	3.99	1.126
6/22/2021 1:00 AM	1.195	2.524	1.125
6/22/2021 1:06 AM	0.957	0.336	1.126
6/22/2021 1:12 AM	0.823	0.282	1.128
6/22/2021 1:18 AM	0.761	0.295	1.129
6/22/2021 1:24 AM	0.681	0.274	1.135
6/22/2021 1:30 AM	0.607	0.263	1.14
6/22/2021 1:36 AM	0.526	0.217	1.141
6/22/2021 1:42 AM	0.421	0.194	1.147
6/22/2021 1:48 AM	0.311	0.181	1.151
6/22/2021 1:54 AM	0.263	0.183	1.158
6/22/2021 2:00 AM	0.212	0.205	1.166
6/22/2021 2:06 AM	0.161	0.17	1.171
6/22/2021 2:12 AM	0.159	0.156	1.172
6/22/2021 2:18 AM	0.15	0.231	1.169
6/22/2021 2:24 AM	0.134	0.266	1.167
6/22/2021 2:30 AM	0.131	0.245	1.167
6/22/2021 2:36 AM	0.143	0.234	1.164
6/22/2021 2:42 AM	0.156	0.204	1.158
6/22/2021 2:48 AM	0.146	0.209	1.157
6/22/2021 2:54 AM	0.154	0.232	1.159
6/22/2021 3:00 AM	0.17	0.25	1.161
6/22/2021 3:06 AM	0.166	0.234	1.16
6/22/2021 3:12 AM	0.164	0.265	1.159
6/22/2021 3:18 AM	0.177	0.26	1.16
6/22/2021 3:24 AM	0.205	0.232	1.161
6/22/2021 3:30 AM	0.215	0.265	1.162
6/22/2021 3:36 AM	0.221	0.247	1.165
6/22/2021 3:42 AM	0.234	0.238	1.164
6/22/2021 3:48 AM	0.237	0.292	1.164
6/22/2021 3:54 AM	0.233	0.331	1.162

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
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All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/22/2021 4:00 AM	0.258	0.319	1.164
6/22/2021 4:06 AM	0.335	0.313	1.17
6/22/2021 4:12 AM	0.346	0.314	1.174
6/22/2021 4:18 AM	0.32	0.319	1.177
6/22/2021 4:24 AM	0.328	0.306	1.181
6/22/2021 4:30 AM	0.329	0.338	1.184
6/22/2021 4:36 AM	0.313	0.351	1.181
6/22/2021 4:42 AM	0.328	0.315	1.179
6/22/2021 4:48 AM	0.305	0.315	1.177
6/22/2021 4:54 AM	0.274	0.309	1.176
6/22/2021 5:00 AM	0.321	0.296	1.175
6/22/2021 5:06 AM	0.35	0.286	1.174
6/22/2021 5:12 AM	0.486	0.284	1.175
6/22/2021 5:18 AM	0.766	0.284	1.173
6/22/2021 5:24 AM	0.818	0.311	1.17
6/22/2021 5:30 AM	0.787	0.286	1.172
6/22/2021 5:36 AM	0.791	0.271	1.172
6/22/2021 5:42 AM	0.789	0.311	1.168
6/22/2021 5:48 AM	0.764	0.295	1.166
6/22/2021 5:54 AM	0.776	0.25	1.164
6/22/2021 6:00 AM	0.757	0.241	1.162
6/22/2021 6:06 AM	0.69	0.282	1.158
6/22/2021 6:12 AM	0.729	0.278	1.155
6/22/2021 6:18 AM	0.762	0.226	1.154
6/22/2021 6:24 AM	0.77	0.186	1.153
6/22/2021 6:30 AM	0.75	0.171	1.148
6/22/2021 6:36 AM	0.732	0.154	1.143
6/22/2021 6:42 AM	0.753	0.181	1.143
6/22/2021 6:48 AM	0.749	0.209	1.145
6/22/2021 6:54 AM	0.731	0.19	1.142
6/22/2021 7:00 AM	0.705	0.175	1.133
6/22/2021 7:06 AM	0.683	0.202	1.126
6/22/2021 7:12 AM	0.674	0.19	1.125
6/22/2021 7:18 AM	0.695	0.202	1.13
6/22/2021 7:24 AM	0.732	0.224	1.138
6/22/2021 7:30 AM	0.737	0.191	1.144
6/22/2021 7:36 AM	1.183	0.176	1.146
6/22/2021 7:42 AM	1.658	15.78	1.143
6/22/2021 7:48 AM	1.438	22.336	1.14
6/22/2021 7:54 AM	1.209	10.939	1.138
6/22/2021 8:00 AM	0.578	10.178	1.137
6/22/2021 8:06 AM	0.125	8.818	1.134
6/22/2021 8:12 AM	0.18	6.963	1.134
6/22/2021 8:18 AM	0.224	6.051	1.138
6/22/2021 8:24 AM	0.246	5.567	1.142
6/22/2021 8:30 AM	0.255	5.315	1.145
6/22/2021 8:36 AM	0.249	5.04	1.149
6/22/2021 8:42 AM	0.239	4.834	1.155
6/22/2021 8:48 AM	0.221	4.806	1.164
6/22/2021 8:54 AM	0.205	4.797	1.171
6/22/2021 9:00 AM	0.172	4.845	1.168
6/22/2021 9:06 AM	0.162	4.915	1.159
6/22/2021 9:12 AM	0.133	4.89	1.155
6/22/2021 9:18 AM	0.126	4.689	1.155

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/22/2021 9:24 AM	0.135	4.664	1.152
6/22/2021 9:30 AM	0.146	4.612	1.15
6/22/2021 9:36 AM	0.141	4.519	1.152
6/22/2021 9:42 AM	0.128	4.541	1.156
6/22/2021 9:48 AM	0.13	4.59	1.157
6/22/2021 9:54 AM	0.162	4.713	1.157
6/22/2021 10:00 AM	0.166	4.61	1.161
6/22/2021 10:06 AM	0.161	4.562	1.173
6/22/2021 10:12 AM	0.169	4.532	1.183
6/22/2021 10:18 AM	0.168	4.415	1.183
6/22/2021 10:24 AM	0.183	4.415	1.185
6/22/2021 10:30 AM	0.167	4.279	1.187
6/22/2021 10:36 AM	0.14	4.255	1.19
6/22/2021 10:42 AM	0.171	4.38	1.193
6/22/2021 10:48 AM	0.188	4.445	1.191
6/22/2021 10:54 AM	0.183	4.444	1.19
6/22/2021 11:00 AM	0.236	4.332	1.194
6/22/2021 11:06 AM	0.265	4.235	1.198
6/22/2021 11:12 AM	0.284	4.209	1.197
6/22/2021 11:18 AM	0.291	4.223	1.187
6/22/2021 11:24 AM	0.256	4.322	1.176
6/22/2021 11:30 AM	0.277	4.292	1.17
6/22/2021 11:36 AM	0.278	4.31	1.171
6/22/2021 11:42 AM	0.267	4.42	1.177
6/22/2021 11:48 AM	0.306	4.458	1.179
6/22/2021 11:54 AM	0.351	4.534	1.174
6/22/2021 12:00 PM	0.351	4.49	1.168
6/22/2021 12:06 PM	0.255	4.298	1.155
6/22/2021 12:12 PM	0.255	4.301	1.163
6/22/2021 12:18 PM	0.27	4.178	4.258
6/22/2021 12:24 PM	0.286	4	7.743
6/22/2021 12:30 PM	0.313	3.975	3.368
6/22/2021 12:36 PM	0.293	4.068	1.679
6/22/2021 12:42 PM	0.301	4.189	1.475
6/22/2021 12:48 PM	0.299	4.198	1.335
6/22/2021 12:54 PM	0.279	4.209	1.254
6/22/2021 1:00 PM	0.285	4.359	1.255
6/22/2021 1:06 PM	0.317	4.435	1.27
6/22/2021 1:12 PM	0.375	4.246	1.294
6/22/2021 1:18 PM	0.387	4.156	1.315
6/22/2021 1:24 PM	0.393	4.16	1.32
6/22/2021 1:30 PM	0.428	4.194	1.324
6/22/2021 1:36 PM	0.48	4.283	1.328
6/22/2021 1:42 PM	0.502	4.365	1.321
6/22/2021 1:48 PM	0.534	4.403	1.317
6/22/2021 1:54 PM	0.521	4.421	1.305
6/22/2021 2:00 PM	0.479	4.238	1.287
6/22/2021 2:06 PM	0.462	5.499	1.275
6/22/2021 2:12 PM	0.462	6.162	1.264
6/22/2021 2:18 PM	0.454	4.848	1.259
6/22/2021 2:24 PM	0.421	4.507	1.26
6/22/2021 2:30 PM	0.401	4.676	1.263
6/22/2021 2:36 PM	0.415	4.817	1.276
6/22/2021 2:42 PM	0.495	5.211	1.289

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/22/2021 2:48 PM	0.574	5.543	1.297
6/22/2021 2:54 PM	0.577	5.407	1.298
6/22/2021 3:00 PM	0.589	5.278	1.296
6/22/2021 3:06 PM	0.617	5.323	1.289
6/22/2021 3:12 PM	0.481	5.398	1.284
6/22/2021 3:18 PM	0.205	5.425	1.276
6/22/2021 3:24 PM	0.215	5.627	1.262
6/22/2021 3:30 PM	0.405	6.044	1.245
6/22/2021 3:36 PM	0.594	5.982	1.239
6/22/2021 3:42 PM	0.552	5.481	1.237
6/22/2021 3:48 PM	0.486	5.41	1.252
6/22/2021 3:54 PM	0.495	5.45	1.281
6/22/2021 4:00 PM	0.468	5.268	1.302
6/22/2021 4:06 PM	0.444	5.245	1.308
6/22/2021 4:12 PM	0.461	5.269	1.303
6/22/2021 4:18 PM	0.483	5.138	1.289
6/22/2021 4:24 PM	0.478	5.08	1.28
6/22/2021 4:30 PM	0.443	5.112	1.278
6/22/2021 4:36 PM	0.439	5.074	1.277
6/22/2021 4:42 PM	0.396	5.085	1.281
6/22/2021 4:48 PM	0.352	5.171	1.292
6/22/2021 4:54 PM	0.4	5.229	1.303
6/22/2021 5:00 PM	0.443	5.295	1.31
6/22/2021 5:06 PM	0.404	5.423	1.31
6/22/2021 5:12 PM	0.411	5.332	1.317
6/22/2021 5:18 PM	0.427	5.217	1.328
6/22/2021 5:24 PM	0.379	5.223	1.327
6/22/2021 5:30 PM	0.337	5.145	1.322
6/22/2021 5:36 PM	0.309	5.036	1.308
6/22/2021 5:42 PM	0.317	4.965	1.287
6/22/2021 5:48 PM	0.324	4.777	1.269
6/22/2021 5:54 PM	0.307	4.656	1.255
6/22/2021 6:00 PM	0.289	4.575	1.242
6/22/2021 6:06 PM	0.356	4.594	1.228
6/22/2021 6:12 PM	0.398	4.667	1.224
6/22/2021 6:18 PM	0.368	4.655	1.224
6/22/2021 6:24 PM	0.338	4.558	1.224
6/22/2021 6:30 PM	0.319	4.618	1.223
6/22/2021 6:36 PM	0.295	4.629	1.219
6/22/2021 6:42 PM	0.251	4.706	1.216
6/22/2021 6:48 PM	0.233	4.861	1.212
6/22/2021 6:54 PM	0.246	4.837	1.212
6/22/2021 7:00 PM	0.272	4.855	1.212
6/22/2021 7:06 PM	0.289	4.753	1.213
6/22/2021 7:12 PM	0.247	4.713	1.214
6/22/2021 7:18 PM	0.225	4.723	1.213
6/22/2021 7:24 PM	0.23	4.793	1.214
6/22/2021 7:30 PM	0.246	4.908	1.214
6/22/2021 7:36 PM	0.238	4.909	1.215
6/22/2021 7:42 PM	0.227	4.803	1.214
6/22/2021 7:48 PM	0.198	4.771	1.211
6/22/2021 7:54 PM	0.206	4.795	1.211
6/22/2021 8:00 PM	0.265	4.857	1.213
6/22/2021 8:06 PM	0.283	4.885	1.212

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



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 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/22/2021 8:12 PM	0.266	4.85	1.208
6/22/2021 8:18 PM	0.274	4.897	1.205
6/22/2021 8:24 PM	0.259	4.778	1.203
6/22/2021 8:30 PM	0.127	4.509	1.204
6/22/2021 8:36 PM	0.052	4.159	1.21
6/22/2021 8:42 PM	0.185	3.657	1.215
6/22/2021 8:48 PM	0.293	3.728	1.215
6/22/2021 8:54 PM	0.335	4.144	1.212
6/22/2021 9:00 PM	0.356	4.451	1.209
6/22/2021 9:06 PM	0.377	4.554	1.208
6/22/2021 9:12 PM	0.406	4.608	1.211
6/22/2021 9:18 PM	0.432	4.614	1.211
6/22/2021 9:24 PM	0.45	4.508	1.21
6/22/2021 9:30 PM	0.461	4.391	1.213
6/22/2021 9:36 PM	0.457	4.343	1.214
6/22/2021 9:42 PM	0.481	4.179	1.215
6/22/2021 9:48 PM	0.489	4.024	1.215
6/22/2021 9:54 PM	0.472	3.97	1.213
6/22/2021 10:00 PM	0.456	4	1.21
6/22/2021 10:06 PM	0.453	4.026	1.211
6/22/2021 10:12 PM	0.457	4.155	1.21
6/22/2021 10:18 PM	0.473	4.174	1.208
6/22/2021 10:24 PM	0.466	4.117	1.207
6/22/2021 10:30 PM	0.447	3.992	1.208
6/22/2021 10:36 PM	0.461	3.909	1.212
6/22/2021 10:42 PM	0.48	3.959	1.215
6/22/2021 10:48 PM	0.473	4.008	1.213
6/22/2021 10:54 PM	0.46	3.943	1.212
6/22/2021 11:00 PM	0.479	3.865	1.211
6/22/2021 11:06 PM	0.486	3.868	1.208
6/22/2021 11:12 PM	0.483	3.856	1.207
6/22/2021 11:18 PM	0.466	3.921	1.21
6/22/2021 11:24 PM	0.429	3.887	1.209
6/22/2021 11:30 PM	0.447	3.796	1.208
6/22/2021 11:36 PM	0.472	3.792	1.204
6/22/2021 11:42 PM	0.464	3.886	1.207
6/22/2021 11:48 PM	0.467	3.98	1.209
6/22/2021 11:54 PM	0.469	3.922	1.204
6/23/2021 12:00 AM	0.464	3.721	1.203
6/23/2021 12:06 AM	0.471	3.717	1.204
6/23/2021 12:12 AM	0.472	3.703	1.206
6/23/2021 12:18 AM	0.477	3.71	1.206
6/23/2021 12:24 AM	0.47	3.813	1.207
6/23/2021 12:30 AM	0.439	3.68	1.207
6/23/2021 12:36 AM	0.423	3.616	1.208
6/23/2021 12:42 AM	0.419	3.567	1.205
6/23/2021 12:48 AM	0.404	3.519	1.205
6/23/2021 12:54 AM	0.374	3.512	1.207
6/23/2021 1:00 AM	0.371	3.566	1.205
6/23/2021 1:06 AM	0.363	3.612	1.206
6/23/2021 1:12 AM	0.377	3.518	1.204
6/23/2021 1:18 AM	0.395	3.512	1.206
6/23/2021 1:24 AM	0.388	3.6	1.208
6/23/2021 1:30 AM	0.397	3.662	1.206

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/23/2021 1:36 AM	0.409	3.526	1.206
6/23/2021 1:42 AM	0.421	3.443	1.207
6/23/2021 1:48 AM	0.425	3.448	1.208
6/23/2021 1:54 AM	0.413	3.418	1.209
6/23/2021 2:00 AM	0.412	3.398	1.215
6/23/2021 2:06 AM	0.402	3.376	1.216
6/23/2021 2:12 AM	0.398	3.25	1.214
6/23/2021 2:18 AM	0.406	3.083	1.213
6/23/2021 2:24 AM	0.402	3.075	1.214
6/23/2021 2:30 AM	0.395	3.095	1.212
6/23/2021 2:36 AM	0.384	3.082	1.214
6/23/2021 2:42 AM	0.385	3.07	1.218
6/23/2021 2:48 AM	0.379	3.079	1.215
6/23/2021 2:54 AM	0.385	3.109	1.214
6/23/2021 3:00 AM	0.366	3.426	1.215
6/23/2021 3:06 AM	0.082	4.596	1.215
6/23/2021 3:12 AM	-0.393	4.736	1.217
6/23/2021 3:18 AM	-0.731	4.512	1.221
6/23/2021 3:24 AM	-0.83	4.301	1.221
6/23/2021 3:30 AM	-0.847	3.716	1.222
6/23/2021 3:36 AM	-0.843	3.562	1.222
6/23/2021 3:42 AM	-0.804	3.716	1.221
6/23/2021 3:48 AM	-0.763	3.835	1.221
6/23/2021 3:54 AM	-0.722	3.909	1.22
6/23/2021 4:00 AM	-0.725	3.973	1.222
6/23/2021 4:06 AM	-0.7	4.231	1.224
6/23/2021 4:12 AM	-0.667	4.395	1.224
6/23/2021 4:18 AM	-0.675	4.549	1.223
6/23/2021 4:24 AM	-0.653	4.49	1.224
6/23/2021 4:30 AM	-0.635	4.303	1.221
6/23/2021 4:36 AM	-0.605	4.336	1.225
6/23/2021 4:42 AM	-0.6	4.336	1.232
6/23/2021 4:48 AM	-0.592	4.333	1.234
6/23/2021 4:54 AM	-0.581	4.518	1.237
6/23/2021 5:00 AM	-0.612	4.656	1.241
6/23/2021 5:06 AM	-0.604	4.568	1.244
6/23/2021 5:12 AM	-0.579	4.408	1.242
6/23/2021 5:18 AM	-0.561	4.28	1.238
6/23/2021 5:24 AM	-0.555	4.275	1.233
6/23/2021 5:30 AM	-0.527	4.383	1.234
6/23/2021 5:36 AM	-0.516	4.508	1.237
6/23/2021 5:42 AM	-0.487	4.466	1.232
6/23/2021 5:48 AM	-0.459	4.419	1.23
6/23/2021 5:54 AM	-0.438	4.573	1.228
6/23/2021 6:00 AM	-0.436	4.536	1.225
6/23/2021 6:06 AM	-0.435	4.335	1.225
6/23/2021 6:12 AM	-0.424	4.343	1.223
6/23/2021 6:18 AM	-0.406	4.399	1.217
6/23/2021 6:24 AM	-0.351	4.432	1.21
6/23/2021 6:30 AM	-0.307	4.714	1.203
6/23/2021 6:36 AM	-0.292	4.608	1.185
6/23/2021 6:42 AM	-0.321	4.408	1.162
6/23/2021 6:48 AM	-0.321	4.317	4.193
6/23/2021 6:54 AM	-0.278	4.344	6.134

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/23/2021 7:00 AM	1.525	4.277	2.355
6/23/2021 7:06 AM	1.889	4.208	1.284
6/23/2021 7:12 AM	0.126	4.186	1.135
6/23/2021 7:18 AM	1.278	4.241	1.074
6/23/2021 7:24 AM	2.144	4.231	1.052
6/23/2021 7:30 AM	1.59	3.82	1.043
6/23/2021 7:36 AM	1.479	3.442	1.04
6/23/2021 7:42 AM	1.438	3.278	1.039
6/23/2021 7:48 AM	1.412	3.334	1.036
6/23/2021 7:54 AM	1.381	3.499	1.036
6/23/2021 8:00 AM	1.379	3.603	1.034
6/23/2021 8:06 AM	1.335	3.705	1.031
6/23/2021 8:12 AM	1.28	3.787	1.034
6/23/2021 8:18 AM	1.269	3.715	1.042
6/23/2021 8:24 AM	1.267	3.532	1.049
6/23/2021 8:30 AM	1.254	3.565	1.052
6/23/2021 8:36 AM	1.228	3.66	1.054
6/23/2021 8:42 AM	1.191	3.756	1.054
6/23/2021 8:48 AM	1.129	3.78	1.057
6/23/2021 8:54 AM	1.035	3.948	1.061
6/23/2021 9:00 AM	0.963	4.116	1.057
6/23/2021 9:06 AM	0.881	4.048	1.06
6/23/2021 9:12 AM	0.846	3.999	1.062
6/23/2021 9:18 AM	0.792	3.936	1.055
6/23/2021 9:24 AM	0.751	3.879	1.051
6/23/2021 9:30 AM	0.688	3.867	1.053
6/23/2021 9:36 AM	0.628	3.851	1.057
6/23/2021 9:42 AM	0.566	3.839	1.068
6/23/2021 9:48 AM	0.521	3.862	1.084
6/23/2021 9:54 AM	0.479	3.876	1.1
6/23/2021 10:00 AM	0.412	3.901	1.113
6/23/2021 10:06 AM	0.373	3.928	1.122
6/23/2021 10:12 AM	0.34	3.919	1.128
6/23/2021 10:18 AM	0.304	3.797	1.131
6/23/2021 10:24 AM	0.294	3.841	1.133
6/23/2021 10:30 AM	0.278	3.858	1.136
6/23/2021 10:36 AM	0.234	3.802	1.137
6/23/2021 10:42 AM	0.208	3.761	1.136
6/23/2021 10:48 AM	0.203	3.762	1.131
6/23/2021 10:54 AM	Audit	3.845	1.127
6/23/2021 11:00 AM	Audit	3.918	1.127
6/23/2021 11:06 AM	Audit	3.904	1.13
6/23/2021 11:12 AM	Audit	3.916	1.134
6/23/2021 11:18 AM	Audit	3.989	1.139
6/23/2021 11:24 AM	Audit	4.045	1.14
6/23/2021 11:30 AM	Audit	4.008	1.14
6/23/2021 11:36 AM	Audit	3.96	1.14
6/23/2021 11:42 AM	Audit	3.928	1.139
6/23/2021 11:48 AM	0.61	3.93	1.14
6/23/2021 11:54 AM	0.63	Maintain	Maintain
6/23/2021 12:00 PM	0.631	<Samp	<Samp
6/23/2021 12:06 PM	0.571	Calib	1.21
6/23/2021 12:12 PM	0.572	Audit	1.211
6/23/2021 12:18 PM	0.574	Audit	1.21

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/23/2021 12:24 PM	0.553	Audit	1.208
6/23/2021 12:30 PM	0.536	Audit	1.211
6/23/2021 12:36 PM	0.563	Audit	1.214
6/23/2021 12:42 PM	0.582	Audit	1.213
6/23/2021 12:48 PM	0.563	Audit	1.205
6/23/2021 12:54 PM	0.573	Audit	1.957
6/23/2021 1:00 PM	0.596	3.904	2.9
6/23/2021 1:06 PM	0.63	3.924	Audit
6/23/2021 1:12 PM	0.606	3.96	Audit
6/23/2021 1:18 PM	0.557	4.044	Audit
6/23/2021 1:24 PM	0.591	4.075	Audit
6/23/2021 1:30 PM	0.612	4.043	Audit
6/23/2021 1:36 PM	0.579	3.962	Audit
6/23/2021 1:42 PM	0.558	3.914	Audit
6/23/2021 1:48 PM	0.554	3.879	Audit
6/23/2021 1:54 PM	0.556	3.81	1.223
6/23/2021 2:00 PM	0.595	3.825	1.222
6/23/2021 2:06 PM	0.603	3.802	1.221
6/23/2021 2:12 PM	0.555	3.772	1.218
6/23/2021 2:18 PM	0.545	3.896	1.213
6/23/2021 2:24 PM	0.554	3.979	1.211
6/23/2021 2:30 PM	0.558	3.865	1.204
6/23/2021 2:36 PM	0.536	3.819	1.207
6/23/2021 2:42 PM	0.516	3.814	1.219
6/23/2021 2:48 PM	0.506	3.865	1.224
6/23/2021 2:54 PM	0.509	3.934	1.227
6/23/2021 3:00 PM	0.517	3.921	1.229
6/23/2021 3:06 PM	0.532	3.849	1.226
6/23/2021 3:12 PM	0.543	3.731	1.22
6/23/2021 3:18 PM	0.516	3.674	1.218
6/23/2021 3:24 PM	0.503	3.647	1.224
6/23/2021 3:30 PM	0.54	3.538	1.228
6/23/2021 3:36 PM	0.535	3.442	1.231
6/23/2021 3:42 PM	0.514	3.562	1.233
6/23/2021 3:48 PM	0.494	3.635	1.235
6/23/2021 3:54 PM	0.496	3.614	1.234
6/23/2021 4:00 PM	0.497	3.553	1.23
6/23/2021 4:06 PM	0.49	3.495	1.225
6/23/2021 4:12 PM	0.428	3.458	1.223
6/23/2021 4:18 PM	0.143	3.443	1.227
6/23/2021 4:24 PM	-0.014	3.571	1.23
6/23/2021 4:30 PM	0.015	3.633	1.233
6/23/2021 4:36 PM	0.042	3.598	1.233
6/23/2021 4:42 PM	0.059	3.59	1.23
6/23/2021 4:48 PM	0.063	3.586	1.231
6/23/2021 4:54 PM	0.089	3.74	1.234
6/23/2021 5:00 PM	0.089	3.932	1.233
6/23/2021 5:06 PM	0.114	4.017	1.233
6/23/2021 5:12 PM	0.115	3.966	1.23
6/23/2021 5:18 PM	0.119	3.715	1.225
6/23/2021 5:24 PM	0.247	3.454	1.224
6/23/2021 5:30 PM	0.412	3.398	1.224
6/23/2021 5:36 PM	0.511	3.405	1.224
6/23/2021 5:42 PM	0.565	3.457	1.224

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/23/2021 5:48 PM	0.595	3.485	1.224
6/23/2021 5:54 PM	0.602	3.544	1.223
6/23/2021 6:00 PM	0.631	3.596	1.221
6/23/2021 6:06 PM	0.663	3.579	1.219
6/23/2021 6:12 PM	0.68	3.576	1.224
6/23/2021 6:18 PM	0.694	3.577	1.227
6/23/2021 6:24 PM	0.722	3.525	1.225
6/23/2021 6:30 PM	0.749	3.45	1.223
6/23/2021 6:36 PM	0.76	3.458	1.221
6/23/2021 6:42 PM	0.749	3.543	1.222
6/23/2021 6:48 PM	0.73	3.553	1.225
6/23/2021 6:54 PM	0.726	3.511	1.226
6/23/2021 7:00 PM	0.722	3.569	1.229
6/23/2021 7:06 PM	0.709	3.589	1.235
6/23/2021 7:12 PM	0.667	3.586	1.252
6/23/2021 7:18 PM	0.639	3.599	1.261
6/23/2021 7:24 PM	0.637	3.504	1.258
6/23/2021 7:30 PM	0.666	3.474	1.255
6/23/2021 7:36 PM	0.687	3.427	1.25
6/23/2021 7:42 PM	0.679	3.369	5.089
6/23/2021 7:48 PM	0.671	3.37	7.088
6/23/2021 7:54 PM	0.655	3.404	3.372
6/23/2021 8:00 PM	0.665	3.525	1.866
6/23/2021 8:06 PM	0.673	3.571	1.701
6/23/2021 8:12 PM	0.644	3.62	1.542
6/23/2021 8:18 PM	0.643	3.659	2.429
6/23/2021 8:24 PM	0.653	2.425	9.91
6/23/2021 8:30 PM	0.631	1.598	9.639
6/23/2021 8:36 PM	0.615	2.034	3.932
6/23/2021 8:42 PM	0.583	1.418	3.198
6/23/2021 8:48 PM	0.577	1.019	3.092
6/23/2021 8:54 PM	0.628	0.921	3.067
6/23/2021 9:00 PM	0.648	0.875	3.059
6/23/2021 9:06 PM	0.645	0.821	3.074
6/23/2021 9:12 PM	0.648	0.763	3.064
6/23/2021 9:18 PM	0.614	0.691	3.044
6/23/2021 9:24 PM	0.555	0.675	3.053
6/23/2021 9:30 PM	0.571	0.608	3.125
6/23/2021 9:36 PM	0.595	0.574	3.151
6/23/2021 9:42 PM	0.581	0.663	3.079
6/23/2021 9:48 PM	0.545	0.684	3.008
6/23/2021 9:54 PM	0.522	0.692	2.995
6/23/2021 10:00 PM	0.52	0.715	2.995
6/23/2021 10:06 PM	0.525	0.665	2.957
6/23/2021 10:12 PM	0.521	0.632	2.913
6/23/2021 10:18 PM	0.574	0.641	2.901
6/23/2021 10:24 PM	0.62	0.647	2.883
6/23/2021 10:30 PM	0.572	0.648	2.847
6/23/2021 10:36 PM	0.525	0.601	2.825
6/23/2021 10:42 PM	0.526	0.603	2.849
6/23/2021 10:48 PM	0.544	0.609	2.85
6/23/2021 10:54 PM	0.573	0.68	2.865
6/23/2021 11:00 PM	0.587	0.737	2.835
6/23/2021 11:06 PM	0.6	0.713	2.808

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/23/2021 11:12 PM	0.603	0.715	2.821
6/23/2021 11:18 PM	0.586	0.708	2.827
6/23/2021 11:24 PM	0.602	0.706	2.819
6/23/2021 11:30 PM	0.588	0.749	2.854
6/23/2021 11:36 PM	0.549	0.755	2.855
6/23/2021 11:42 PM	0.539	0.751	2.807
6/23/2021 11:48 PM	0.534	0.742	2.803
6/23/2021 11:54 PM	0.526	0.714	2.806
6/24/2021 12:00 AM	0.501	0.71	2.812
6/24/2021 12:06 AM	0.458	0.732	2.812
6/24/2021 12:12 AM	0.424	0.707	2.779
6/24/2021 12:18 AM	0.412	0.715	2.761
6/24/2021 12:24 AM	0.412	0.752	2.726
6/24/2021 12:30 AM	0.413	0.742	2.726
6/24/2021 12:36 AM	0.417	0.747	2.742
6/24/2021 12:42 AM	0.413	0.736	2.75
6/24/2021 12:48 AM	0.394	0.744	2.739
6/24/2021 12:54 AM	0.341	0.754	3.749
6/24/2021 1:00 AM	-0.106	0.743	4.455
6/24/2021 1:06 AM	-0.502	0.75	3.782
6/24/2021 1:12 AM	-0.641	0.751	3.709
6/24/2021 1:18 AM	-0.811	0.779	3.665
6/24/2021 1:24 AM	-0.833	0.823	3.694
6/24/2021 1:30 AM	-0.801	0.814	3.694
6/24/2021 1:36 AM	-0.782	0.795	3.651
6/24/2021 1:42 AM	-0.771	0.813	3.61
6/24/2021 1:48 AM	-0.771	0.801	3.599
6/24/2021 1:54 AM	-0.734	0.782	3.595
6/24/2021 2:00 AM	-0.697	0.75	3.625
6/24/2021 2:06 AM	-0.653	0.731	3.583
6/24/2021 2:12 AM	-0.598	0.778	3.469
6/24/2021 2:18 AM	-0.592	0.79	3.414
6/24/2021 2:24 AM	-0.611	0.802	3.429
6/24/2021 2:30 AM	-0.597	0.794	3.42
6/24/2021 2:36 AM	-0.602	0.803	3.413
6/24/2021 2:42 AM	-0.552	0.796	3.431
6/24/2021 2:48 AM	-0.507	0.8	3.453
6/24/2021 2:54 AM	-0.504	0.813	3.466
6/24/2021 3:00 AM	-0.464	0.816	3.47
6/24/2021 3:06 AM	-0.441	0.821	3.469
6/24/2021 3:12 AM	-0.45	0.803	3.452
6/24/2021 3:18 AM	-0.431	0.808	3.467
6/24/2021 3:24 AM	-0.419	0.804	3.453
6/24/2021 3:30 AM	-0.398	0.795	3.436
6/24/2021 3:36 AM	-0.367	0.817	3.426
6/24/2021 3:42 AM	-0.33	0.85	3.417
6/24/2021 3:48 AM	-0.328	0.854	3.416
6/24/2021 3:54 AM	-0.326	0.853	3.459
6/24/2021 4:00 AM	-0.253	0.855	3.538
6/24/2021 4:06 AM	-0.205	0.862	3.574
6/24/2021 4:12 AM	-0.232	0.882	3.59
6/24/2021 4:18 AM	-0.233	0.889	3.59
6/24/2021 4:24 AM	-0.215	0.884	3.577
6/24/2021 4:30 AM	-0.215	0.884	3.58

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021

0:00

End of Report: 6/30/2021

23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/24/2021 4:36 AM	-0.232	0.886	3.602
6/24/2021 4:42 AM	-0.226	0.857	3.627
6/24/2021 4:48 AM	-0.22	0.85	3.659
6/24/2021 4:54 AM	-0.23	0.883	3.701
6/24/2021 5:00 AM	-0.262	0.864	3.743
6/24/2021 5:06 AM	-0.251	0.854	3.736
6/24/2021 5:12 AM	-0.246	0.859	3.725
6/24/2021 5:18 AM	-0.245	0.875	3.706
6/24/2021 5:24 AM	-0.224	0.898	3.679
6/24/2021 5:30 AM	-0.227	0.953	3.683
6/24/2021 5:36 AM	-0.212	0.973	3.701
6/24/2021 5:42 AM	-0.195	0.944	3.707
6/24/2021 5:48 AM	-0.184	0.902	3.718
6/24/2021 5:54 AM	-0.147	0.903	3.734
6/24/2021 6:00 AM	-0.16	0.923	3.722
6/24/2021 6:06 AM	-0.137	0.896	3.738
6/24/2021 6:12 AM	-0.084	0.857	3.742
6/24/2021 6:18 AM	-0.081	0.81	3.714
6/24/2021 6:24 AM	-0.051	0.798	3.72
6/24/2021 6:30 AM	-0.007	0.819	3.719
6/24/2021 6:36 AM	-0.017	0.817	3.926
6/24/2021 6:42 AM	-0.012	19.097	3.883
6/24/2021 6:48 AM	0.01	23.67	3.497
6/24/2021 6:54 AM	0.013	8.75	2.904
6/24/2021 7:00 AM	0.025	6.823	2.567
6/24/2021 7:06 AM	0.022	6.044	2.636
6/24/2021 7:12 AM	0.045	6.335	2.637
6/24/2021 7:18 AM	0.074	6.668	2.627
6/24/2021 7:24 AM	0.1	6.4	2.677
6/24/2021 7:30 AM	0.12	5.951	2.694
6/24/2021 7:36 AM	0.136	5.495	2.688
6/24/2021 7:42 AM	0.183	4.968	2.703
6/24/2021 7:48 AM	0.207	4.649	2.702
6/24/2021 7:54 AM	0.225	4.517	2.688
6/24/2021 8:00 AM	0.245	4.339	2.683
6/24/2021 8:06 AM	0.253	4.222	2.685
6/24/2021 8:12 AM	0.271	4.393	2.717
6/24/2021 8:18 AM	0.274	4.681	2.74
6/24/2021 8:24 AM	0.302	4.671	2.733
6/24/2021 8:30 AM	0.34	4.712	2.725
6/24/2021 8:36 AM	0.337	4.611	2.746
6/24/2021 8:42 AM	0.336	4.576	2.754
6/24/2021 8:48 AM	0.354	4.668	2.749
6/24/2021 8:54 AM	0.341	4.63	2.721
6/24/2021 9:00 AM	0.363	4.597	2.726
6/24/2021 9:06 AM	0.366	4.537	2.71
6/24/2021 9:12 AM	0.334	4.507	2.695
6/24/2021 9:18 AM	0.288	4.615	2.718
6/24/2021 9:24 AM	0.226	4.446	2.711
6/24/2021 9:30 AM	0.152	4.257	2.694
6/24/2021 9:36 AM	0.074	4.322	2.68
6/24/2021 9:42 AM	0.009	4.318	2.67
6/24/2021 9:48 AM	-0.039	4.299	2.712
6/24/2021 9:54 AM	-0.066	4.273	2.724

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/24/2021 10:00 AM	-0.086	4.206	2.716
6/24/2021 10:06 AM	-0.108	4.202	2.72
6/24/2021 10:12 AM	-0.12	4.197	2.732
6/24/2021 10:18 AM	-0.143	4.327	2.749
6/24/2021 10:24 AM	-0.125	4.408	2.763
6/24/2021 10:30 AM	-0.104	4.432	2.752
6/24/2021 10:36 AM	-0.072	4.509	2.758
6/24/2021 10:42 AM	-0.034	4.442	2.743
6/24/2021 10:48 AM	-0.003	4.439	2.745
6/24/2021 10:54 AM	0.014	4.447	2.76
6/24/2021 11:00 AM	0.043	4.488	2.775
6/24/2021 11:06 AM	0.061	4.484	2.792
6/24/2021 11:12 AM	0.098	4.458	2.813
6/24/2021 11:18 AM	0.093	4.397	2.817
6/24/2021 11:24 AM	0.099	4.36	2.804
6/24/2021 11:30 AM	0.116	4.347	2.8
6/24/2021 11:36 AM	0.081	4.302	2.797
6/24/2021 11:42 AM	0.06	4.349	2.78
6/24/2021 11:48 AM	0.051	4.4	2.775
6/24/2021 11:54 AM	0.057	4.427	2.781
6/24/2021 12:00 PM	0.061	4.439	2.783
6/24/2021 12:06 PM	0.023	4.427	2.799
6/24/2021 12:12 PM	0.025	4.467	2.822
6/24/2021 12:18 PM	0.028	4.426	2.83
6/24/2021 12:24 PM	0.049	4.336	2.857
6/24/2021 12:30 PM	0.052	4.327	2.867
6/24/2021 12:36 PM	0.052	4.325	2.877
6/24/2021 12:42 PM	0.058	4.426	2.875
6/24/2021 12:48 PM	0.071	4.459	2.855
6/24/2021 12:54 PM	0.082	4.373	2.846
6/24/2021 1:00 PM	0.072	4.304	2.824
6/24/2021 1:06 PM	0.078	4.227	2.815
6/24/2021 1:12 PM	0.092	4.211	2.826
6/24/2021 1:18 PM	0.117	4.228	2.884
6/24/2021 1:24 PM	0.102	4.315	2.878
6/24/2021 1:30 PM	0.095	4.472	2.87
6/24/2021 1:36 PM	0.071	4.411	2.885
6/24/2021 1:42 PM	-0.014	4.386	2.863
6/24/2021 1:48 PM	-0.05	4.277	2.85
6/24/2021 1:54 PM	-0.069	4.203	2.827
6/24/2021 2:00 PM	-0.08	4.288	2.828
6/24/2021 2:06 PM	-0.062	4.336	2.849
6/24/2021 2:12 PM	-0.028	4.408	2.855
6/24/2021 2:18 PM	0.002	4.466	2.85
6/24/2021 2:24 PM	0.021	4.207	2.862
6/24/2021 2:30 PM	0.024	3.679	2.887
6/24/2021 2:36 PM	0.014	3.6	2.891
6/24/2021 2:42 PM	0.018	3.66	2.903
6/24/2021 2:48 PM	0.044	3.646	2.873
6/24/2021 2:54 PM	0.065	3.588	2.822
6/24/2021 3:00 PM	0.08	3.552	2.83
6/24/2021 3:06 PM	0.081	3.656	2.852
6/24/2021 3:12 PM	0.069	3.762	2.863
6/24/2021 3:18 PM	0.052	3.723	2.879

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/24/2021 3:24 PM	0.015	3.675	2.936
6/24/2021 3:30 PM	0.008	3.68	2.922
6/24/2021 3:36 PM	0.008	3.681	2.887
6/24/2021 3:42 PM	-0.005	3.718	2.902
6/24/2021 3:48 PM	-0.024	3.761	2.907
6/24/2021 3:54 PM	-0.028	3.661	2.943
6/24/2021 4:00 PM	-0.037	3.574	2.929
6/24/2021 4:06 PM	-0.047	3.569	2.905
6/24/2021 4:12 PM	-0.063	3.556	2.898
6/24/2021 4:18 PM	-0.058	3.694	2.84
6/24/2021 4:24 PM	-0.036	3.591	2.716
6/24/2021 4:30 PM	-0.028	3.396	2.716
6/24/2021 4:36 PM	-0.022	3.37	2.736
6/24/2021 4:42 PM	-0.025	3.386	2.745
6/24/2021 4:48 PM	-0.037	3.411	2.754
6/24/2021 4:54 PM	-0.043	3.533	2.775
6/24/2021 5:00 PM	-0.032	3.715	2.766
6/24/2021 5:06 PM	-0.021	3.651	2.75
6/24/2021 5:12 PM	-0.007	3.614	2.742
6/24/2021 5:18 PM	-0.008	3.659	2.736
6/24/2021 5:24 PM	-0.006	3.668	2.764
6/24/2021 5:30 PM	-0.013	3.709	2.811
6/24/2021 5:36 PM	0	3.779	2.807
6/24/2021 5:42 PM	0.003	3.844	2.814
6/24/2021 5:48 PM	0.008	3.911	2.841
6/24/2021 5:54 PM	0.033	3.909	2.847
6/24/2021 6:00 PM	0.059	3.808	2.84
6/24/2021 6:06 PM	0.076	3.775	2.803
6/24/2021 6:12 PM	0.1	3.848	2.81
6/24/2021 6:18 PM	0.138	3.913	2.837
6/24/2021 6:24 PM	0.132	3.882	2.843
6/24/2021 6:30 PM	0.114	3.753	2.827
6/24/2021 6:36 PM	0.109	3.68	2.81
6/24/2021 6:42 PM	0.123	3.758	2.829
6/24/2021 6:48 PM	0.122	3.794	2.83
6/24/2021 6:54 PM	0.12	3.776	2.819
6/24/2021 7:00 PM	0.116	3.761	2.809
6/24/2021 7:06 PM	0.099	3.859	2.758
6/24/2021 7:12 PM	0.105	3.915	2.735
6/24/2021 7:18 PM	0.114	3.866	2.778
6/24/2021 7:24 PM	0.129	3.849	2.794
6/24/2021 7:30 PM	0.124	3.833	2.773
6/24/2021 7:36 PM	0.123	3.865	2.789
6/24/2021 7:42 PM	0.122	3.85	2.802
6/24/2021 7:48 PM	0.103	3.818	2.821
6/24/2021 7:54 PM	0.097	3.741	2.812
6/24/2021 8:00 PM	0.091	3.735	2.797
6/24/2021 8:06 PM	0.078	3.862	2.797
6/24/2021 8:12 PM	0.069	3.878	2.812
6/24/2021 8:18 PM	0.065	3.855	2.798
6/24/2021 8:24 PM	0.07	3.865	2.785
6/24/2021 8:30 PM	0.06	3.8	2.78
6/24/2021 8:36 PM	0.048	3.763	2.79
6/24/2021 8:42 PM	0.05	3.786	2.795

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/24/2021 8:48 PM	0.056	3.833	2.783
6/24/2021 8:54 PM	0.046	3.705	2.808
6/24/2021 9:00 PM	0.039	3.674	2.791
6/24/2021 9:06 PM	0.05	3.651	2.785
6/24/2021 9:12 PM	0.045	3.697	2.797
6/24/2021 9:18 PM	0.049	3.752	2.802
6/24/2021 9:24 PM	0.037	3.708	2.804
6/24/2021 9:30 PM	0.025	3.676	2.829
6/24/2021 9:36 PM	0.01	3.725	2.833
6/24/2021 9:42 PM	0.003	3.741	2.809
6/24/2021 9:48 PM	-0.003	3.752	2.858
6/24/2021 9:54 PM	-0.018	3.78	2.887
6/24/2021 10:00 PM	-0.024	3.823	2.9
6/24/2021 10:06 PM	-0.024	3.822	2.903
6/24/2021 10:12 PM	-0.024	3.843	2.87
6/24/2021 10:18 PM	-0.025	3.871	2.877
6/24/2021 10:24 PM	-0.026	3.79	2.898
6/24/2021 10:30 PM	-0.039	3.729	2.864
6/24/2021 10:36 PM	-0.037	3.703	2.834
6/24/2021 10:42 PM	-0.041	3.725	2.823
6/24/2021 10:48 PM	-0.052	3.775	2.827
6/24/2021 10:54 PM	-0.054	3.907	2.848
6/24/2021 11:00 PM	-0.054	3.866	2.828
6/24/2021 11:06 PM	-0.056	3.721	2.808
6/24/2021 11:12 PM	-0.064	3.731	2.811
6/24/2021 11:18 PM	-0.069	3.757	2.823
6/24/2021 11:24 PM	-0.072	3.769	2.902
6/24/2021 11:30 PM	-0.072	3.791	2.9
6/24/2021 11:36 PM	-0.079	3.738	2.881
6/24/2021 11:42 PM	-0.076	3.753	2.853
6/24/2021 11:48 PM	-0.072	3.801	2.861
6/24/2021 11:54 PM	-0.074	3.73	2.89
6/25/2021 12:00 AM	-0.075	3.681	2.907
6/25/2021 12:06 AM	-0.09	3.715	2.905
6/25/2021 12:12 AM	-0.102	3.808	2.884
6/25/2021 12:18 AM	-0.104	3.809	2.863
6/25/2021 12:24 AM	-0.118	3.773	2.836
6/25/2021 12:30 AM	-0.114	3.724	2.837
6/25/2021 12:36 AM	-0.102	3.653	2.868
6/25/2021 12:42 AM	-0.109	3.604	2.884
6/25/2021 12:48 AM	-0.116	3.669	2.887
6/25/2021 12:54 AM	-0.11	3.736	2.876
6/25/2021 1:00 AM	-0.106	3.726	2.865
6/25/2021 1:06 AM	-0.112	3.675	2.87
6/25/2021 1:12 AM	-0.113	3.68	2.878
6/25/2021 1:18 AM	-0.114	3.746	2.855
6/25/2021 1:24 AM	-0.116	3.794	2.839
6/25/2021 1:30 AM	-0.118	3.759	2.863
6/25/2021 1:36 AM	-0.116	3.724	2.885
6/25/2021 1:42 AM	-0.106	3.757	2.888
6/25/2021 1:48 AM	-0.09	4.742	2.076
6/25/2021 1:54 AM	-0.082	4.993	0.974
6/25/2021 2:00 AM	-0.074	5.299	0.808
6/25/2021 2:06 AM	-0.067	5.648	0.837

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/25/2021 2:12 AM	-0.069	5.224	0.851
6/25/2021 2:18 AM	-0.065	4.975	0.851
6/25/2021 2:24 AM	-0.068	4.847	0.856
6/25/2021 2:30 AM	-0.068	4.816	0.883
6/25/2021 2:36 AM	-0.075	4.836	0.88
6/25/2021 2:42 AM	-0.071	4.891	0.887
6/25/2021 2:48 AM	-0.059	4.939	0.87
6/25/2021 2:54 AM	-0.061	4.928	0.856
6/25/2021 3:00 AM	-0.065	4.879	0.826
6/25/2021 3:06 AM	-0.072	4.697	0.825
6/25/2021 3:12 AM	-0.063	4.556	0.814
6/25/2021 3:18 AM	-0.069	4.556	0.8
6/25/2021 3:24 AM	-0.069	4.394	0.82
6/25/2021 3:30 AM	-0.069	4.343	0.843
6/25/2021 3:36 AM	-0.072	4.319	0.85
6/25/2021 3:42 AM	-0.064	4.256	0.849
6/25/2021 3:48 AM	-0.061	4.273	0.858
6/25/2021 3:54 AM	-0.051	4.369	0.854
6/25/2021 4:00 AM	-0.044	4.393	0.846
6/25/2021 4:06 AM	-0.04	4.402	0.844
6/25/2021 4:12 AM	-0.039	4.375	0.836
6/25/2021 4:18 AM	-0.032	4.479	0.823
6/25/2021 4:24 AM	-0.031	4.466	0.842
6/25/2021 4:30 AM	-0.036	4.475	0.866
6/25/2021 4:36 AM	-0.031	4.503	0.871
6/25/2021 4:42 AM	-0.037	4.531	0.862
6/25/2021 4:48 AM	-0.044	4.509	0.862
6/25/2021 4:54 AM	-0.037	4.538	0.867
6/25/2021 5:00 AM	-0.039	4.514	0.866
6/25/2021 5:06 AM	-0.055	4.469	0.874
6/25/2021 5:12 AM	-0.064	4.509	0.859
6/25/2021 5:18 AM	-0.07	4.549	0.865
6/25/2021 5:24 AM	-0.079	4.479	0.875
6/25/2021 5:30 AM	-0.074	4.499	0.882
6/25/2021 5:36 AM	-0.073	4.543	0.893
6/25/2021 5:42 AM	-0.078	4.536	0.875
6/25/2021 5:48 AM	-0.081	4.658	0.851
6/25/2021 5:54 AM	-0.079	4.609	0.851
6/25/2021 6:00 AM	-0.086	4.473	0.854
6/25/2021 6:06 AM	-0.084	4.463	0.852
6/25/2021 6:12 AM	-0.086	4.5	0.848
6/25/2021 6:18 AM	-0.096	4.565	0.854
6/25/2021 6:24 AM	-0.095	4.526	0.858
6/25/2021 6:30 AM	-0.087	4.53	0.863
6/25/2021 6:36 AM	-0.094	4.515	3.347
6/25/2021 6:42 AM	-0.108	4.435	5.326
6/25/2021 6:48 AM	-0.131	4.429	3.593
6/25/2021 6:54 AM	-0.134	4.403	3.117
6/25/2021 7:00 AM	-0.13	4.37	3.1
6/25/2021 7:06 AM	-0.141	4.412	3.049
6/25/2021 7:12 AM	-0.149	4.363	2.978
6/25/2021 7:18 AM	-0.147	4.392	2.937
6/25/2021 7:24 AM	-0.14	4.367	2.938
6/25/2021 7:30 AM	-0.14	4.368	2.954

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/25/2021 7:36 AM	-0.133	4.384	2.972
6/25/2021 7:42 AM	-0.098	4.287	2.964
6/25/2021 7:48 AM	-0.061	4.355	2.94
6/25/2021 7:54 AM	-0.045	4.56	2.912
6/25/2021 8:00 AM	-0.004	4.811	2.892
6/25/2021 8:06 AM	0.057	4.964	2.878
6/25/2021 8:12 AM	0.092	5.013	2.864
6/25/2021 8:18 AM	0.11	5.052	2.869
6/25/2021 8:24 AM	0.123	4.998	2.852
6/25/2021 8:30 AM	0.134	5.013	2.845
6/25/2021 8:36 AM	0.146	5.023	2.836
6/25/2021 8:42 AM	0.152	4.898	2.83
6/25/2021 8:48 AM	0.145	4.859	2.847
6/25/2021 8:54 AM	0.145	4.849	2.847
6/25/2021 9:00 AM	0.145	4.823	2.833
6/25/2021 9:06 AM	0.133	4.779	2.86
6/25/2021 9:12 AM	0.1	4.618	2.83
6/25/2021 9:18 AM	0.067	4.576	2.818
6/25/2021 9:24 AM	0.035	4.558	2.828
6/25/2021 9:30 AM	-0.008	4.423	2.841
6/25/2021 9:36 AM	-0.047	4.458	2.853
6/25/2021 9:42 AM	-0.083	4.449	2.825
6/25/2021 9:48 AM	-0.109	4.373	2.82
6/25/2021 9:54 AM	-0.126	4.314	2.815
6/25/2021 10:00 AM	-0.135	4.27	2.832
6/25/2021 10:06 AM	-0.145	4.324	2.834
6/25/2021 10:12 AM	-0.16	4.391	2.826
6/25/2021 10:18 AM	-0.17	4.446	2.819
6/25/2021 10:24 AM	-0.157	4.591	2.856
6/25/2021 10:30 AM	-0.145	4.683	2.882
6/25/2021 10:36 AM	-0.125	4.592	2.863
6/25/2021 10:42 AM	-0.103	4.551	2.842
6/25/2021 10:48 AM	-0.08	4.568	2.822
6/25/2021 10:54 AM	-0.059	4.542	2.821
6/25/2021 11:00 AM	-0.051	4.523	2.805
6/25/2021 11:06 AM	-0.048	4.479	2.785
6/25/2021 11:12 AM	-0.04	4.507	2.819
6/25/2021 11:18 AM	-0.035	4.523	2.87
6/25/2021 11:24 AM	-0.022	4.521	2.829
6/25/2021 11:30 AM	0.002	4.539	2.811
6/25/2021 11:36 AM	-0.004	4.514	2.812
6/25/2021 11:42 AM	-0.036	4.553	2.774
6/25/2021 11:48 AM	-0.062	4.582	2.763
6/25/2021 11:54 AM	-0.082	4.479	2.751
6/25/2021 12:00 PM	-0.11	4.404	2.745
6/25/2021 12:06 PM	-0.226	4.253	2.712
6/25/2021 12:12 PM	-0.215	4.289	2.729
6/25/2021 12:18 PM	-0.193	4.289	2.733
6/25/2021 12:24 PM	-0.149	4.31	2.705
6/25/2021 12:30 PM	-0.102	4.341	2.672
6/25/2021 12:36 PM	-0.063	4.332	2.665
6/25/2021 12:42 PM	-0.03	4.244	2.666
6/25/2021 12:48 PM	-0.012	4.19	2.68
6/25/2021 12:54 PM	-0.002	4.285	2.682

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/25/2021 1:00 PM	0.013	4.306	2.69
6/25/2021 1:06 PM	0.024	4.243	2.669
6/25/2021 1:12 PM	0.031	4.253	2.669
6/25/2021 1:18 PM	0.03	4.248	2.696
6/25/2021 1:24 PM	0.024	4.136	2.66
6/25/2021 1:30 PM	0.011	4.007	2.64
6/25/2021 1:36 PM	-0.021	4.113	2.654
6/25/2021 1:42 PM	-0.079	4.277	2.675
6/25/2021 1:48 PM	-0.112	4.333	2.677
6/25/2021 1:54 PM	-0.131	4.302	2.688
6/25/2021 2:00 PM	-0.15	4.237	2.731
6/25/2021 2:06 PM	-0.152	4.336	2.76
6/25/2021 2:12 PM	-0.139	4.57	2.766
6/25/2021 2:18 PM	-0.126	4.761	2.779
6/25/2021 2:24 PM	-0.121	4.974	2.928
6/25/2021 2:30 PM	-0.127	5.021	3.158
6/25/2021 2:36 PM	-0.138	4.806	3.103
6/25/2021 2:42 PM	-0.143	4.762	3.038
6/25/2021 2:48 PM	-0.138	4.7	3.007
6/25/2021 2:54 PM	-0.126	4.757	2.961
6/25/2021 3:00 PM	-0.114	4.752	2.928
6/25/2021 3:06 PM	-0.115	4.638	2.899
6/25/2021 3:12 PM	-0.118	4.589	2.843
6/25/2021 3:18 PM	-0.12	4.516	2.856
6/25/2021 3:24 PM	-0.131	4.503	2.861
6/25/2021 3:30 PM	-0.153	4.569	2.88
6/25/2021 3:36 PM	-0.164	4.508	2.909
6/25/2021 3:42 PM	-0.162	4.484	2.928
6/25/2021 3:48 PM	-0.16	4.632	2.938
6/25/2021 3:54 PM	-0.16	4.607	2.89
6/25/2021 4:00 PM	-0.16	4.534	2.877
6/25/2021 4:06 PM	-0.171	4.525	2.919
6/25/2021 4:12 PM	-0.173	4.419	2.926
6/25/2021 4:18 PM	-0.161	4.221	2.932
6/25/2021 4:24 PM	-0.147	3.951	2.945
6/25/2021 4:30 PM	-0.132	3.985	2.894
6/25/2021 4:36 PM	-0.118	4.127	2.92
6/25/2021 4:42 PM	-0.105	4.308	2.824
6/25/2021 4:48 PM	-0.104	4.418	2.673
6/25/2021 4:54 PM	-0.108	4.327	2.673
6/25/2021 5:00 PM	-0.111	4.314	2.715
6/25/2021 5:06 PM	-0.12	4.495	2.731
6/25/2021 5:12 PM	-0.13	4.391	2.773
6/25/2021 5:18 PM	-0.132	4.049	2.828
6/25/2021 5:24 PM	-0.13	4.044	2.853
6/25/2021 5:30 PM	-0.131	3.981	2.907
6/25/2021 5:36 PM	-0.129	3.948	2.964
6/25/2021 5:42 PM	-0.126	3.953	2.936
6/25/2021 5:48 PM	-0.115	3.952	2.882
6/25/2021 5:54 PM	-0.104	4.003	2.905
6/25/2021 6:00 PM	-0.103	4.004	2.908
6/25/2021 6:06 PM	-0.106	3.981	2.889
6/25/2021 6:12 PM	-0.102	3.941	2.889
6/25/2021 6:18 PM	-0.11	4.008	2.806

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/25/2021 6:24 PM	-0.121	3.953	2.819
6/25/2021 6:30 PM	-0.123	3.788	2.851
6/25/2021 6:36 PM	-0.123	3.827	2.84
6/25/2021 6:42 PM	-0.133	3.933	2.837
6/25/2021 6:48 PM	-0.139	3.992	2.863
6/25/2021 6:54 PM	-0.137	3.95	2.865
6/25/2021 7:00 PM	-0.143	3.869	2.864
6/25/2021 7:06 PM	-0.147	3.861	2.888
6/25/2021 7:12 PM	-0.14	3.91	2.897
6/25/2021 7:18 PM	-0.129	3.911	2.915
6/25/2021 7:24 PM	-0.128	3.847	2.915
6/25/2021 7:30 PM	-0.138	3.889	2.868
6/25/2021 7:36 PM	-0.135	3.962	2.856
6/25/2021 7:42 PM	-0.127	4.004	2.84
6/25/2021 7:48 PM	-0.14	4.042	2.852
6/25/2021 7:54 PM	-0.152	4.187	2.849
6/25/2021 8:00 PM	-0.148	4.358	2.819
6/25/2021 8:06 PM	-0.14	4.318	2.787
6/25/2021 8:12 PM	-0.14	4.24	2.814
6/25/2021 8:18 PM	-0.146	4.195	2.825
6/25/2021 8:24 PM	-0.144	4.168	2.786
6/25/2021 8:30 PM	-0.135	4.053	2.772
6/25/2021 8:36 PM	-0.133	3.874	2.801
6/25/2021 8:42 PM	-0.132	3.918	2.806
6/25/2021 8:48 PM	-0.136	3.966	2.793
6/25/2021 8:54 PM	-0.142	4.023	2.796
6/25/2021 9:00 PM	-0.136	3.993	2.966
6/25/2021 9:06 PM	-0.131	3.907	3.545
6/25/2021 9:12 PM	-0.13	3.836	3.678
6/25/2021 9:18 PM	-0.128	3.794	3.592
6/25/2021 9:24 PM	-0.127	3.839	3.601
6/25/2021 9:30 PM	-0.126	3.822	3.557
6/25/2021 9:36 PM	-0.125	3.821	3.505
6/25/2021 9:42 PM	-0.126	3.879	3.506
6/25/2021 9:48 PM	-0.13	3.887	3.528
6/25/2021 9:54 PM	-0.132	3.965	3.483
6/25/2021 10:00 PM	-0.138	4.05	3.432
6/25/2021 10:06 PM	-0.139	4.062	3.403
6/25/2021 10:12 PM	-0.132	3.956	3.374
6/25/2021 10:18 PM	-0.125	3.84	3.371
6/25/2021 10:24 PM	-0.129	3.668	3.367
6/25/2021 10:30 PM	-0.13	3.654	3.392
6/25/2021 10:36 PM	-0.126	3.757	3.372
6/25/2021 10:42 PM	-0.13	3.757	3.36
6/25/2021 10:48 PM	-0.129	3.826	3.353
6/25/2021 10:54 PM	-0.131	3.927	3.312
6/25/2021 11:00 PM	-0.133	3.954	3.302
6/25/2021 11:06 PM	-0.141	3.907	3.294
6/25/2021 11:12 PM	-0.144	3.913	3.284
6/25/2021 11:18 PM	-0.132	3.906	3.285
6/25/2021 11:24 PM	-0.122	3.963	3.309
6/25/2021 11:30 PM	-0.111	3.951	3.322
6/25/2021 11:36 PM	-0.106	3.943	3.296
6/25/2021 11:42 PM	-0.11	3.93	3.259

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/25/2021 11:48 PM	-0.116	3.945	3.253
6/25/2021 11:54 PM	-0.117	3.932	3.288
6/26/2021 12:00 AM	-0.108	3.875	3.306
6/26/2021 12:06 AM	-0.107	3.836	3.273
6/26/2021 12:12 AM	-0.109	3.881	3.23
6/26/2021 12:18 AM	-0.107	3.871	3.233
6/26/2021 12:24 AM	-0.109	3.891	3.223
6/26/2021 12:30 AM	-0.108	3.911	3.241
6/26/2021 12:36 AM	-0.099	3.818	3.279
6/26/2021 12:42 AM	-0.098	3.802	3.298
6/26/2021 12:48 AM	-0.097	3.749	3.298
6/26/2021 12:54 AM	-0.094	3.7	3.273
6/26/2021 1:00 AM	-0.089	3.68	3.263
6/26/2021 1:06 AM	-0.089	3.733	3.286
6/26/2021 1:12 AM	-0.092	3.81	3.251
6/26/2021 1:18 AM	-0.093	3.797	3.23
6/26/2021 1:24 AM	-0.098	3.729	3.216
6/26/2021 1:30 AM	-0.1	3.72	3.203
6/26/2021 1:36 AM	-0.1	3.812	3.218
6/26/2021 1:42 AM	-0.103	3.916	3.239
6/26/2021 1:48 AM	-0.099	3.972	3.222
6/26/2021 1:54 AM	-0.092	3.487	3.676
6/26/2021 2:00 AM	-0.06	2.308	4.025
6/26/2021 2:06 AM	-0.036	1.1	3.886
6/26/2021 2:12 AM	-0.033	0.802	3.885
6/26/2021 2:18 AM	-0.035	0.804	3.884
6/26/2021 2:24 AM	-0.038	0.71	3.815
6/26/2021 2:30 AM	-0.039	0.627	3.812
6/26/2021 2:36 AM	-0.047	0.592	3.791
6/26/2021 2:42 AM	-0.037	0.637	3.773
6/26/2021 2:48 AM	-0.028	0.614	3.788
6/26/2021 2:54 AM	-0.028	0.521	3.808
6/26/2021 3:00 AM	-0.027	0.491	3.81
6/26/2021 3:06 AM	-0.026	0.494	3.812
6/26/2021 3:12 AM	-0.025	0.483	3.781
6/26/2021 3:18 AM	-0.028	0.523	3.773
6/26/2021 3:24 AM	-0.029	0.513	3.779
6/26/2021 3:30 AM	-0.025	0.496	3.79
6/26/2021 3:36 AM	-0.027	0.493	3.796
6/26/2021 3:42 AM	-0.028	0.467	3.782
6/26/2021 3:48 AM	-0.027	0.482	3.762
6/26/2021 3:54 AM	-0.025	0.523	3.799
6/26/2021 4:00 AM	-0.018	0.516	3.801
6/26/2021 4:06 AM	-0.015	0.489	3.794
6/26/2021 4:12 AM	-0.016	0.486	3.791
6/26/2021 4:18 AM	-0.018	0.518	3.782
6/26/2021 4:24 AM	-0.016	0.558	3.78
6/26/2021 4:30 AM	-0.015	0.559	3.769
6/26/2021 4:36 AM	-0.016	0.539	3.773
6/26/2021 4:42 AM	-0.015	0.55	3.804
6/26/2021 4:48 AM	-0.013	0.553	3.793
6/26/2021 4:54 AM	-0.009	0.569	3.776
6/26/2021 5:00 AM	-0.004	0.608	3.798
6/26/2021 5:06 AM	0.01	0.645	3.743

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/26/2021 5:12 AM	0.023	0.668	3.609
6/26/2021 5:18 AM	0.028	0.686	3.538
6/26/2021 5:24 AM	0.041	0.683	3.541
6/26/2021 5:30 AM	0.057	0.653	3.587
6/26/2021 5:36 AM	0.069	0.622	3.604
6/26/2021 5:42 AM	0.075	0.634	3.597
6/26/2021 5:48 AM	0.089	0.653	3.473
6/26/2021 5:54 AM	0.105	0.682	3.028
6/26/2021 6:00 AM	0.101	0.695	2.948
6/26/2021 6:06 AM	0.095	0.695	2.948
6/26/2021 6:12 AM	0.091	0.668	2.961
6/26/2021 6:18 AM	0.088	0.667	2.94
6/26/2021 6:24 AM	0.073	0.692	2.945
6/26/2021 6:30 AM	0.047	0.705	2.963
6/26/2021 6:36 AM	0.041	0.68	2.992
6/26/2021 6:42 AM	0.042	0.676	3.16
6/26/2021 6:48 AM	0.046	0.69	3.185
6/26/2021 6:54 AM	0.05	0.666	3.083
6/26/2021 7:00 AM	0.053	0.61	3.028
6/26/2021 7:06 AM	0.063	0.552	3.015
6/26/2021 7:12 AM	0.074	0.564	3.103
6/26/2021 7:18 AM	0.086	0.637	3.108
6/26/2021 7:24 AM	0.096	0.644	3.036
6/26/2021 7:30 AM	0.101	0.633	3.043
6/26/2021 7:36 AM	0.115	0.623	3.038
6/26/2021 7:42 AM	0.13	0.593	3.056
6/26/2021 7:48 AM	0.145	0.528	3.045
6/26/2021 7:54 AM	0.159	0.512	3.047
6/26/2021 8:00 AM	0.178	0.537	3.057
6/26/2021 8:06 AM	0.196	0.542	3.025
6/26/2021 8:12 AM	0.214	0.547	3.016
6/26/2021 8:18 AM	0.236	0.54	3.036
6/26/2021 8:24 AM	0.246	0.523	3.066
6/26/2021 8:30 AM	0.243	0.564	3.07
6/26/2021 8:36 AM	0.233	0.616	3.075
6/26/2021 8:42 AM	0.217	0.616	3.168
6/26/2021 8:48 AM	0.221	0.627	3.204
6/26/2021 8:54 AM	0.227	0.637	3.274
6/26/2021 9:00 AM	0.199	0.6	3.366
6/26/2021 9:06 AM	0.194	0.626	3.306
6/26/2021 9:12 AM	0.173	0.674	3.255
6/26/2021 9:18 AM	0.136	0.676	3.208
6/26/2021 9:24 AM	0.1	0.635	3.218
6/26/2021 9:30 AM	0.067	0.629	3.322
6/26/2021 9:36 AM	0.017	0.638	4.014
6/26/2021 9:42 AM	-0.015	0.637	4.254
6/26/2021 9:48 AM	-0.021	0.633	3.966
6/26/2021 9:54 AM	-0.009	0.655	3.938
6/26/2021 10:00 AM	0.004	0.686	3.998
6/26/2021 10:06 AM	0.007	0.687	3.992
6/26/2021 10:12 AM	0.018	0.689	4.003
6/26/2021 10:18 AM	0.022	0.66	3.992
6/26/2021 10:24 AM	0.014	0.654	3.948
6/26/2021 10:30 AM	0.009	0.666	3.928

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/26/2021 10:36 AM	0.012	0.644	3.941
6/26/2021 10:42 AM	0.015	6.031	3.923
6/26/2021 10:48 AM	0.016	19.497	3.528
6/26/2021 10:54 AM	0.022	16.874	3.011
6/26/2021 11:00 AM	0.029	10.327	2.925
6/26/2021 11:06 AM	0.034	9.383	2.968
6/26/2021 11:12 AM	0.045	8.37	3.023
6/26/2021 11:18 AM	0.054	6.823	3.049
6/26/2021 11:24 AM	0.058	6.137	3.059
6/26/2021 11:30 AM	0.065	5.743	3.063
6/26/2021 11:36 AM	0.066	5.656	3.089
6/26/2021 11:42 AM	0.049	5.581	3.104
6/26/2021 11:48 AM	0.036	5.418	3.13
6/26/2021 11:54 AM	0.047	5.272	3.121
6/26/2021 12:00 PM	0.123	5.19	3.088
6/26/2021 12:06 PM	0.361	5.124	3.101
6/26/2021 12:12 PM	0.345	5.074	3.077
6/26/2021 12:18 PM	0.332	5.041	3.066
6/26/2021 12:24 PM	0.348	5.008	3.074
6/26/2021 12:30 PM	0.369	5.007	3.111
6/26/2021 12:36 PM	0.385	5.069	3.31
6/26/2021 12:42 PM	0.441	5.184	3.45
6/26/2021 12:48 PM	0.558	5.275	3.433
6/26/2021 12:54 PM	0.605	5.135	3.455
6/26/2021 1:00 PM	0.601	5.009	3.459
6/26/2021 1:06 PM	0.579	5.022	3.495
6/26/2021 1:12 PM	0.519	4.969	3.484
6/26/2021 1:18 PM	0.47	5.058	3.415
6/26/2021 1:24 PM	0.45	5.093	3.432
6/26/2021 1:30 PM	0.456	5.016	3.469
6/26/2021 1:36 PM	0.47	4.97	3.45
6/26/2021 1:42 PM	0.465	5.053	3.429
6/26/2021 1:48 PM	0.475	5.059	3.45
6/26/2021 1:54 PM	0.509	5.038	3.482
6/26/2021 2:00 PM	0.503	4.992	3.473
6/26/2021 2:06 PM	0.492	4.894	3.472
6/26/2021 2:12 PM	0.516	4.818	3.467
6/26/2021 2:18 PM	0.662	4.83	3.492
6/26/2021 2:24 PM	0.71	4.745	3.517
6/26/2021 2:30 PM	0.646	4.794	3.531
6/26/2021 2:36 PM	0.571	4.968	3.506
6/26/2021 2:42 PM	0.516	5.072	3.498
6/26/2021 2:48 PM	0.535	5.108	3.497
6/26/2021 2:54 PM	0.586	5.092	3.502
6/26/2021 3:00 PM	0.596	5.025	3.515
6/26/2021 3:06 PM	0.582	4.963	3.532
6/26/2021 3:12 PM	0.528	4.879	3.499
6/26/2021 3:18 PM	0.452	4.968	3.484
6/26/2021 3:24 PM	0.402	5.012	3.485
6/26/2021 3:30 PM	0.39	4.972	3.501
6/26/2021 3:36 PM	0.41	4.99	3.494
6/26/2021 3:42 PM	0.443	5.026	3.499
6/26/2021 3:48 PM	0.448	5.04	3.519
6/26/2021 3:54 PM	0.405	5.002	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 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/26/2021 4:00 PM	0.365	5.05	3.489
6/26/2021 4:06 PM	0.351	5.078	3.499
6/26/2021 4:12 PM	0.341	4.987	3.497
6/26/2021 4:18 PM	0.319	4.974	3.48
6/26/2021 4:24 PM	0.298	4.897	3.451
6/26/2021 4:30 PM	0.3	4.806	3.444
6/26/2021 4:36 PM	0.299	4.749	3.446
6/26/2021 4:42 PM	0.292	4.802	3.429
6/26/2021 4:48 PM	0.301	4.904	3.424
6/26/2021 4:54 PM	0.309	4.898	3.427
6/26/2021 5:00 PM	0.31	4.917	3.431
6/26/2021 5:06 PM	0.314	4.872	3.477
6/26/2021 5:12 PM	0.324	4.952	3.479
6/26/2021 5:18 PM	0.332	5.08	3.462
6/26/2021 5:24 PM	0.338	5.253	3.468
6/26/2021 5:30 PM	0.347	5.272	3.47
6/26/2021 5:36 PM	0.357	5.233	3.472
6/26/2021 5:42 PM	0.356	5.264	3.468
6/26/2021 5:48 PM	0.366	5.142	3.467
6/26/2021 5:54 PM	0.39	4.895	3.463
6/26/2021 6:00 PM	0.405	4.889	3.461
6/26/2021 6:06 PM	0.426	4.887	3.456
6/26/2021 6:12 PM	0.442	4.844	3.457
6/26/2021 6:18 PM	0.462	4.927	3.453
6/26/2021 6:24 PM	0.466	5.008	3.452
6/26/2021 6:30 PM	0.463	4.952	3.484
6/26/2021 6:36 PM	0.467	5.03	3.467
6/26/2021 6:42 PM	0.477	5.007	3.459
6/26/2021 6:48 PM	0.482	4.986	3.472
6/26/2021 6:54 PM	0.478	4.994	3.492
6/26/2021 7:00 PM	0.479	5.114	3.525
6/26/2021 7:06 PM	0.485	5.18	3.549
6/26/2021 7:12 PM	0.477	5.223	3.538
6/26/2021 7:18 PM	0.474	5.194	3.495
6/26/2021 7:24 PM	0.475	5.106	3.47
6/26/2021 7:30 PM	0.465	5.118	3.493
6/26/2021 7:36 PM	0.46	5.108	3.524
6/26/2021 7:42 PM	0.465	5.01	3.531
6/26/2021 7:48 PM	0.476	5.065	3.504
6/26/2021 7:54 PM	0.483	5.154	3.518
6/26/2021 8:00 PM	0.488	5.128	3.528
6/26/2021 8:06 PM	0.489	4.957	3.489
6/26/2021 8:12 PM	0.493	4.823	3.476
6/26/2021 8:18 PM	0.501	4.744	3.472
6/26/2021 8:24 PM	0.501	4.699	3.481
6/26/2021 8:30 PM	0.498	4.702	3.506
6/26/2021 8:36 PM	0.494	4.773	3.518
6/26/2021 8:42 PM	0.468	4.859	3.505
6/26/2021 8:48 PM	0.451	4.915	3.494
6/26/2021 8:54 PM	0.454	4.894	3.483
6/26/2021 9:00 PM	0.459	4.918	3.483
6/26/2021 9:06 PM	0.462	4.918	3.484
6/26/2021 9:12 PM	0.458	4.898	3.492
6/26/2021 9:18 PM	0.449	5.008	3.489

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/26/2021 9:24 PM	0.44	4.994	3.505
6/26/2021 9:30 PM	0.429	4.854	3.495
6/26/2021 9:36 PM	0.416	4.863	3.497
6/26/2021 9:42 PM	0.412	4.833	3.516
6/26/2021 9:48 PM	0.412	4.76	3.512
6/26/2021 9:54 PM	0.404	4.822	3.5
6/26/2021 10:00 PM	0.399	4.887	3.506
6/26/2021 10:06 PM	0.395	4.97	3.498
6/26/2021 10:12 PM	0.391	4.958	3.489
6/26/2021 10:18 PM	0.387	5.306	3.487
6/26/2021 10:24 PM	0.387	10.471	4.347
6/26/2021 10:30 PM	0.386	10.387	2.994
6/26/2021 10:36 PM	0.383	7.945	0.818
6/26/2021 10:42 PM	0.382	6.949	0.738
6/26/2021 10:48 PM	0.38	6.652	0.761
6/26/2021 10:54 PM	0.38	6.421	0.754
6/26/2021 11:00 PM	0.381	6.238	0.745
6/26/2021 11:06 PM	0.387	6.067	0.756
6/26/2021 11:12 PM	0.388	5.945	0.78
6/26/2021 11:18 PM	0.385	6.113	0.779
6/26/2021 11:24 PM	0.381	6.113	0.763
6/26/2021 11:30 PM	0.377	5.917	0.757
6/26/2021 11:36 PM	0.374	5.847	0.764
6/26/2021 11:42 PM	0.371	5.859	0.766
6/26/2021 11:48 PM	0.37	5.764	0.781
6/26/2021 11:54 PM	0.371	5.711	0.778
6/27/2021 12:00 AM	0.368	5.691	0.753
6/27/2021 12:06 AM	0.365	5.621	0.764
6/27/2021 12:12 AM	0.368	5.662	0.787
6/27/2021 12:18 AM	0.372	5.628	0.778
6/27/2021 12:24 AM	0.37	5.599	0.779
6/27/2021 12:30 AM	0.367	5.59	0.764
6/27/2021 12:36 AM	0.368	5.504	0.76
6/27/2021 12:42 AM	0.369	5.413	0.775
6/27/2021 12:48 AM	0.376	5.39	0.793
6/27/2021 12:54 AM	0.375	5.482	0.793
6/27/2021 1:00 AM	0.365	5.476	0.784
6/27/2021 1:06 AM	0.358	5.485	0.767
6/27/2021 1:12 AM	0.355	5.584	0.779
6/27/2021 1:18 AM	0.353	5.62	0.785
6/27/2021 1:24 AM	0.349	5.53	0.785
6/27/2021 1:30 AM	0.347	5.467	0.788
6/27/2021 1:36 AM	0.345	5.538	0.808
6/27/2021 1:42 AM	0.351	5.699	0.82
6/27/2021 1:48 AM	0.356	5.675	0.807
6/27/2021 1:54 AM	0.357	5.612	0.793
6/27/2021 2:00 AM	0.357	5.549	0.79
6/27/2021 2:06 AM	0.352	5.656	0.796
6/27/2021 2:12 AM	0.349	5.707	0.811
6/27/2021 2:18 AM	0.356	5.657	0.81
6/27/2021 2:24 AM	0.358	5.643	0.805
6/27/2021 2:30 AM	0.355	5.635	0.796
6/27/2021 2:36 AM	0.356	5.438	0.788
6/27/2021 2:42 AM	0.359	5.346	0.806

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/27/2021 2:48 AM	0.366	5.365	0.815
6/27/2021 2:54 AM	0.371	5.45	0.804
6/27/2021 3:00 AM	0.372	5.406	0.796
6/27/2021 3:06 AM	0.376	5.312	0.799
6/27/2021 3:12 AM	0.376	5.337	0.801
6/27/2021 3:18 AM	0.376	5.343	0.813
6/27/2021 3:24 AM	0.376	5.327	0.815
6/27/2021 3:30 AM	0.375	5.307	0.799
6/27/2021 3:36 AM	0.375	5.379	0.808
6/27/2021 3:42 AM	0.375	5.481	0.818
6/27/2021 3:48 AM	0.379	5.427	0.814
6/27/2021 3:54 AM	0.381	5.392	0.818
6/27/2021 4:00 AM	0.38	5.376	0.811
6/27/2021 4:06 AM	0.377	5.312	0.79
6/27/2021 4:12 AM	0.381	5.252	0.806
6/27/2021 4:18 AM	0.386	5.187	0.821
6/27/2021 4:24 AM	0.392	5.201	0.816
6/27/2021 4:30 AM	0.396	5.249	0.799
6/27/2021 4:36 AM	0.399	5.214	0.787
6/27/2021 4:42 AM	0.404	5.165	0.793
6/27/2021 4:48 AM	0.403	5.143	0.815
6/27/2021 4:54 AM	0.4	5.183	0.805
6/27/2021 5:00 AM	0.4	5.243	0.797
6/27/2021 5:06 AM	0.402	5.238	0.803
6/27/2021 5:12 AM	0.404	5.155	0.805
6/27/2021 5:18 AM	0.403	5.187	0.795
6/27/2021 5:24 AM	0.402	5.193	0.804
6/27/2021 5:30 AM	0.398	5.297	0.811
6/27/2021 5:36 AM	0.393	5.405	0.81
6/27/2021 5:42 AM	0.396	5.299	0.804
6/27/2021 5:48 AM	0.399	5.263	0.802
6/27/2021 5:54 AM	0.402	5.362	0.812
6/27/2021 6:00 AM	0.4	5.372	0.816
6/27/2021 6:06 AM	0.395	5.431	0.814
6/27/2021 6:12 AM	0.397	5.451	0.818
6/27/2021 6:18 AM	0.4	5.436	0.814
6/27/2021 6:24 AM	0.4	5.545	0.807
6/27/2021 6:30 AM	0.399	5.52	0.802
6/27/2021 6:36 AM	0.409	5.5	0.794
6/27/2021 6:42 AM	0.423	5.461	0.798
6/27/2021 6:48 AM	0.422	5.351	0.801
6/27/2021 6:54 AM	0.42	5.428	0.805
6/27/2021 7:00 AM	0.425	5.475	0.807
6/27/2021 7:06 AM	0.426	5.386	0.803
6/27/2021 7:12 AM	0.426	5.284	0.798
6/27/2021 7:18 AM	0.426	5.31	0.8
6/27/2021 7:24 AM	0.425	5.331	0.805
6/27/2021 7:30 AM	0.428	5.298	0.809
6/27/2021 7:36 AM	0.431	5.367	0.814
6/27/2021 7:42 AM	0.432	5.369	0.818
6/27/2021 7:48 AM	0.434	5.379	0.824
6/27/2021 7:54 AM	0.434	5.499	0.828
6/27/2021 8:00 AM	0.439	5.556	0.83
6/27/2021 8:06 AM	0.435	5.442	0.827

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/27/2021 8:12 AM	0.423	5.344	0.825
6/27/2021 8:18 AM	0.415	5.399	0.821
6/27/2021 8:24 AM	0.411	5.499	0.821
6/27/2021 8:30 AM	0.406	5.475	0.827
6/27/2021 8:36 AM	0.406	5.448	0.837
6/27/2021 8:42 AM	0.406	5.515	0.847
6/27/2021 8:48 AM	0.402	5.505	0.847
6/27/2021 8:54 AM	0.392	5.519	0.848
6/27/2021 9:00 AM	0.389	5.55	0.85
6/27/2021 9:06 AM	0.392	5.492	0.858
6/27/2021 9:12 AM	0.406	5.398	0.859
6/27/2021 9:18 AM	0.411	5.355	0.856
6/27/2021 9:24 AM	0.413	5.499	0.861
6/27/2021 9:30 AM	0.417	5.688	0.859
6/27/2021 9:36 AM	0.408	5.706	0.86
6/27/2021 9:42 AM	0.38	5.909	0.862
6/27/2021 9:48 AM	0.36	5.361	0.868
6/27/2021 9:54 AM	0.343	4.413	0.865
6/27/2021 10:00 AM	0.323	4.301	0.868
6/27/2021 10:06 AM	0.298	4.317	0.864
6/27/2021 10:12 AM	0.295	4.278	0.873
6/27/2021 10:18 AM	0.305	4.294	0.879
6/27/2021 10:24 AM	0.314	4.428	0.881
6/27/2021 10:30 AM	0.335	4.475	0.892
6/27/2021 10:36 AM	0.353	4.445	0.89
6/27/2021 10:42 AM	0.364	4.463	0.888
6/27/2021 10:48 AM	0.385	4.457	0.891
6/27/2021 10:54 AM	0.39	4.541	0.897
6/27/2021 11:00 AM	0.394	4.669	0.89
6/27/2021 11:06 AM	0.405	4.682	0.887
6/27/2021 11:12 AM	0.413	4.625	0.889
6/27/2021 11:18 AM	0.424	4.686	0.889
6/27/2021 11:24 AM	0.431	4.736	0.893
6/27/2021 11:30 AM	0.442	4.752	0.895
6/27/2021 11:36 AM	0.43	4.789	0.904
6/27/2021 11:42 AM	0.401	4.8	0.902
6/27/2021 11:48 AM	0.377	4.622	0.889
6/27/2021 11:54 AM	0.369	4.568	0.884
6/27/2021 12:00 PM	0.387	4.572	0.877
6/27/2021 12:06 PM	0.444	4.468	0.864
6/27/2021 12:12 PM	0.436	4.555	0.859
6/27/2021 12:18 PM	0.436	4.709	0.861
6/27/2021 12:24 PM	0.466	4.8	0.864
6/27/2021 12:30 PM	0.502	4.84	0.867
6/27/2021 12:36 PM	0.537	4.806	0.871
6/27/2021 12:42 PM	0.558	4.702	0.87
6/27/2021 12:48 PM	0.571	4.682	0.866
6/27/2021 12:54 PM	0.583	4.707	0.862
6/27/2021 1:00 PM	0.594	4.803	0.863
6/27/2021 1:06 PM	0.61	4.821	0.868
6/27/2021 1:12 PM	0.614	4.826	0.869
6/27/2021 1:18 PM	0.615	4.923	0.871
6/27/2021 1:24 PM	0.622	4.799	0.872
6/27/2021 1:30 PM	0.622	4.715	0.884

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/27/2021 1:36 PM	0.591	4.695	0.89
6/27/2021 1:42 PM	0.539	4.703	0.892
6/27/2021 1:48 PM	0.514	4.74	0.896
6/27/2021 1:54 PM	0.527	4.68	0.899
6/27/2021 2:00 PM	0.535	4.679	0.901
6/27/2021 2:06 PM	0.52	4.713	0.907
6/27/2021 2:12 PM	0.527	4.722	0.908
6/27/2021 2:18 PM	0.533	4.695	0.909
6/27/2021 2:24 PM	0.535	4.673	0.907
6/27/2021 2:30 PM	0.55	4.704	0.908
6/27/2021 2:36 PM	0.548	4.773	0.906
6/27/2021 2:42 PM	0.557	4.898	0.911
6/27/2021 2:48 PM	0.57	4.986	0.917
6/27/2021 2:54 PM	0.583	4.968	0.924
6/27/2021 3:00 PM	0.597	4.921	0.928
6/27/2021 3:06 PM	0.594	4.766	0.935
6/27/2021 3:12 PM	0.587	4.58	0.937
6/27/2021 3:18 PM	0.571	4.524	0.94
6/27/2021 3:24 PM	0.554	4.471	0.942
6/27/2021 3:30 PM	0.546	4.524	0.943
6/27/2021 3:36 PM	0.544	4.66	0.945
6/27/2021 3:42 PM	0.542	4.616	0.944
6/27/2021 3:48 PM	0.537	4.496	0.947
6/27/2021 3:54 PM	0.533	4.491	0.95
6/27/2021 4:00 PM	0.527	4.313	0.953
6/27/2021 4:06 PM	0.516	4.315	0.955
6/27/2021 4:12 PM	0.506	4.478	0.959
6/27/2021 4:18 PM	0.504	4.409	0.96
6/27/2021 4:24 PM	0.508	4.36	0.965
6/27/2021 4:30 PM	0.51	4.401	0.969
6/27/2021 4:36 PM	0.508	4.453	0.97
6/27/2021 4:42 PM	0.506	4.449	0.972
6/27/2021 4:48 PM	0.507	4.406	0.974
6/27/2021 4:54 PM	0.52	4.525	0.974
6/27/2021 5:00 PM	0.538	4.68	0.975
6/27/2021 5:06 PM	0.549	4.618	0.977
6/27/2021 5:12 PM	0.559	4.609	0.976
6/27/2021 5:18 PM	0.564	4.55	0.979
6/27/2021 5:24 PM	0.563	4.607	0.98
6/27/2021 5:30 PM	0.575	4.639	0.981
6/27/2021 5:36 PM	0.583	4.709	0.982
6/27/2021 5:42 PM	0.59	4.865	0.982
6/27/2021 5:48 PM	0.604	4.907	0.988
6/27/2021 5:54 PM	0.616	4.892	0.992
6/27/2021 6:00 PM	0.636	4.96	0.996
6/27/2021 6:06 PM	0.652	4.925	0.999
6/27/2021 6:12 PM	0.657	4.906	1.001
6/27/2021 6:18 PM	0.672	4.849	1.004
6/27/2021 6:24 PM	0.683	4.748	1.005
6/27/2021 6:30 PM	0.678	4.731	1.007
6/27/2021 6:36 PM	0.678	4.77	1.01
6/27/2021 6:42 PM	0.673	4.75	1.015
6/27/2021 6:48 PM	0.662	4.823	1.023
6/27/2021 6:54 PM	0.656	4.682	1.029

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/27/2021 7:00 PM	0.646	4.508	1.035
6/27/2021 7:06 PM	0.635	4.543	1.038
6/27/2021 7:12 PM	0.628	4.512	1.037
6/27/2021 7:18 PM	0.624	4.496	1.037
6/27/2021 7:24 PM	0.616	4.442	1.043
6/27/2021 7:30 PM	0.591	4.398	1.049
6/27/2021 7:36 PM	0.583	4.364	1.049
6/27/2021 7:42 PM	0.573	4.423	1.051
6/27/2021 7:48 PM	0.565	4.462	1.06
6/27/2021 7:54 PM	0.566	4.522	1.06
6/27/2021 8:00 PM	0.566	4.514	1.054
6/27/2021 8:06 PM	0.557	4.395	1.054
6/27/2021 8:12 PM	0.549	4.378	1.057
6/27/2021 8:18 PM	0.547	4.512	1.06
6/27/2021 8:24 PM	0.545	4.562	1.06
6/27/2021 8:30 PM	0.542	4.569	1.061
6/27/2021 8:36 PM	0.543	4.529	1.063
6/27/2021 8:42 PM	0.542	4.486	1.06
6/27/2021 8:48 PM	0.539	4.474	1.058
6/27/2021 8:54 PM	0.532	4.523	1.061
6/27/2021 9:00 PM	0.53	4.565	1.072
6/27/2021 9:06 PM	0.535	4.565	1.079
6/27/2021 9:12 PM	0.529	4.622	1.077
6/27/2021 9:18 PM	0.524	4.58	1.076
6/27/2021 9:24 PM	0.522	4.606	1.079
6/27/2021 9:30 PM	0.522	4.684	1.082
6/27/2021 9:36 PM	0.519	4.674	1.081
6/27/2021 9:42 PM	0.513	4.599	1.085
6/27/2021 9:48 PM	0.505	4.55	1.093
6/27/2021 9:54 PM	0.496	4.551	1.096
6/27/2021 10:00 PM	0.494	4.494	1.096
6/27/2021 10:06 PM	0.492	4.439	1.094
6/27/2021 10:12 PM	0.48	4.359	1.093
6/27/2021 10:18 PM	0.466	4.291	1.097
6/27/2021 10:24 PM	0.459	4.341	1.096
6/27/2021 10:30 PM	0.457	4.474	1.096
6/27/2021 10:36 PM	0.451	4.395	1.097
6/27/2021 10:42 PM	0.45	4.35	1.102
6/27/2021 10:48 PM	0.451	4.412	1.108
6/27/2021 10:54 PM	0.446	4.469	1.112
6/27/2021 11:00 PM	0.441	4.541	1.111
6/27/2021 11:06 PM	0.437	4.515	1.112
6/27/2021 11:12 PM	0.442	4.391	1.112
6/27/2021 11:18 PM	0.441	4.326	1.112
6/27/2021 11:24 PM	0.437	4.367	1.115
6/27/2021 11:30 PM	0.432	4.407	1.121
6/27/2021 11:36 PM	0.425	4.807	1.122
6/27/2021 11:42 PM	0.427	4.869	1.12
6/27/2021 11:48 PM	0.431	4.513	1.119
6/27/2021 11:54 PM	0.434	4.561	1.117
6/28/2021 12:00 AM	0.429	4.646	1.113
6/28/2021 12:06 AM	0.426	4.725	1.12
6/28/2021 12:12 AM	0.428	4.672	1.123
6/28/2021 12:18 AM	0.439	4.644	1.124

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54



All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/28/2021 12:24 AM	0.447	4.598	1.121
6/28/2021 12:30 AM	0.452	4.697	1.119
6/28/2021 12:36 AM	0.457	4.847	1.119
6/28/2021 12:42 AM	0.459	4.775	1.117
6/28/2021 12:48 AM	0.456	5.258	1.117
6/28/2021 12:54 AM	0.448	6.227	1.121
6/28/2021 1:00 AM	0.444	6.149	1.125
6/28/2021 1:06 AM	0.451	5.94	1.129
6/28/2021 1:12 AM	0.46	6.379	1.129
6/28/2021 1:18 AM	0.456	6.475	1.126
6/28/2021 1:24 AM	0.45	6.345	1.125
6/28/2021 1:30 AM	0.448	6.312	1.127
6/28/2021 1:36 AM	0.443	6.133	1.131
6/28/2021 1:42 AM	0.44	5.833	1.137
6/28/2021 1:48 AM	0.445	5.852	1.139
6/28/2021 1:54 AM	0.444	6.031	1.139
6/28/2021 2:00 AM	0.442	6.071	1.138
6/28/2021 2:06 AM	0.441	6.152	1.139
6/28/2021 2:12 AM	0.444	6.148	1.143
6/28/2021 2:18 AM	0.448	6.057	1.147
6/28/2021 2:24 AM	0.449	6.029	1.148
6/28/2021 2:30 AM	0.446	6.057	1.143
6/28/2021 2:36 AM	0.447	6.02	1.143
6/28/2021 2:42 AM	0.447	5.997	1.149
6/28/2021 2:48 AM	0.446	6.083	1.154
6/28/2021 2:54 AM	0.447	5.977	1.158
6/28/2021 3:00 AM	0.445	5.968	1.161
6/28/2021 3:06 AM	0.444	6.059	1.162
6/28/2021 3:12 AM	0.452	6.012	1.163
6/28/2021 3:18 AM	0.451	5.952	1.161
6/28/2021 3:24 AM	0.447	6.023	1.162
6/28/2021 3:30 AM	0.452	6.132	1.164
6/28/2021 3:36 AM	0.456	5.989	1.165
6/28/2021 3:42 AM	0.462	5.764	1.168
6/28/2021 3:48 AM	0.468	5.807	1.169
6/28/2021 3:54 AM	0.468	5.872	1.166
6/28/2021 4:00 AM	0.463	5.978	1.166
6/28/2021 4:06 AM	0.462	5.996	1.17
6/28/2021 4:12 AM	0.46	5.922	1.17
6/28/2021 4:18 AM	0.455	6.051	1.17
6/28/2021 4:24 AM	0.447	6.096	1.173
6/28/2021 4:30 AM	0.439	6.045	1.175
6/28/2021 4:36 AM	0.438	6.089	1.176
6/28/2021 4:42 AM	0.442	6.021	1.176
6/28/2021 4:48 AM	0.436	5.829	1.174
6/28/2021 4:54 AM	0.436	5.815	1.172
6/28/2021 5:00 AM	0.441	5.719	1.172
6/28/2021 5:06 AM	0.448	5.652	1.17
6/28/2021 5:12 AM	0.458	5.669	1.168
6/28/2021 5:18 AM	0.456	5.741	1.168
6/28/2021 5:24 AM	0.436	5.743	1.166
6/28/2021 5:30 AM	0.425	5.778	1.164
6/28/2021 5:36 AM	0.423	5.88	1.165
6/28/2021 5:42 AM	0.429	5.906	1.17

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/28/2021 5:48 AM	0.433	5.875	1.171
6/28/2021 5:54 AM	0.437	5.946	1.171
6/28/2021 6:00 AM	0.444	6.125	1.172
6/28/2021 6:06 AM	0.455	6.265	1.169
6/28/2021 6:12 AM	0.474	6.203	1.168
6/28/2021 6:18 AM	0.5	6.158	1.168
6/28/2021 6:24 AM	0.514	6.117	1.166
6/28/2021 6:30 AM	0.519	6.009	1.161
6/28/2021 6:36 AM	0.524	6.056	1.152
6/28/2021 6:42 AM	0.528	6.08	1.145
6/28/2021 6:48 AM	0.521	6.121	1.141
6/28/2021 6:54 AM	0.508	6.257	1.137
6/28/2021 7:00 AM	0.507	6.215	1.133
6/28/2021 7:06 AM	0.505	6.116	1.128
6/28/2021 7:12 AM	0.497	5.267	1.119
6/28/2021 7:18 AM	0.501	4.652	1.112
6/28/2021 7:24 AM	0.507	4.482	1.11
6/28/2021 7:30 AM	0.515	4.117	1.113
6/28/2021 7:36 AM	0.529	3.88	1.114
6/28/2021 7:42 AM	0.541	3.797	1.117
6/28/2021 7:48 AM	0.566	3.894	1.115
6/28/2021 7:54 AM	0.593	3.982	1.111
6/28/2021 8:00 AM	0.632	3.954	1.113
6/28/2021 8:06 AM	0.669	3.972	1.117
6/28/2021 8:12 AM	0.695	3.972	1.116
6/28/2021 8:18 AM	0.716	3.983	1.112
6/28/2021 8:24 AM	0.716	3.923	1.111
6/28/2021 8:30 AM	0.724	3.923	1.113
6/28/2021 8:36 AM	0.748	3.981	1.113
6/28/2021 8:42 AM	0.764	4.077	1.109
6/28/2021 8:48 AM	0.777	4.136	1.104
6/28/2021 8:54 AM	0.778	4.175	1.099
6/28/2021 9:00 AM	0.768	4.186	1.096
6/28/2021 9:06 AM	0.755	4.133	1.1
6/28/2021 9:12 AM	0.724	4.113	1.102
6/28/2021 9:18 AM	7.028	4.073	1.105
6/28/2021 9:24 AM	8.295	4.111	1.11
6/28/2021 9:30 AM	2.967	4.245	1.115
6/28/2021 9:36 AM	2.591	4.244	1.12
6/28/2021 9:42 AM	2.087	4.207	1.128
6/28/2021 9:48 AM	1.801	4.104	1.138
6/28/2021 9:54 AM	1.452	4.073	1.137
6/28/2021 10:00 AM	1.225	4.116	1.127
6/28/2021 10:06 AM	1.037	4.141	1.126
6/28/2021 10:12 AM	0.933	4.25	1.132
6/28/2021 10:18 AM	0.852	4.317	1.136
6/28/2021 10:24 AM	0.78	4.349	1.139
6/28/2021 10:30 AM	0.734	4.381	1.141
6/28/2021 10:36 AM	0.713	4.412	1.14
6/28/2021 10:42 AM	0.703	4.356	1.141
6/28/2021 10:48 AM	0.688	4.232	1.139
6/28/2021 10:54 AM	0.677	4.243	1.137
6/28/2021 11:00 AM	0.67	4.407	1.14
6/28/2021 11:06 AM	0.666	4.499	1.141

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/28/2021 11:12 AM	0.665	4.461	1.14
6/28/2021 11:18 AM	0.675	4.456	1.139
6/28/2021 11:24 AM	0.696	4.624	1.143
6/28/2021 11:30 AM	4.947	6.329	1.141
6/28/2021 11:36 AM	8.525	5.121	1.133
6/28/2021 11:42 AM	5.561	4.069	1.129
6/28/2021 11:48 AM	4.079	4.168	1.133
6/28/2021 11:54 AM	2.285	4.308	1.135
6/28/2021 12:00 PM	1.364	4.532	1.144
6/28/2021 12:06 PM	0.538	5.008	1.181
6/28/2021 12:12 PM	0.45	4.922	1.18
6/28/2021 12:18 PM	0.385	4.904	1.174
6/28/2021 12:24 PM	0.345	5.081	1.173
6/28/2021 12:30 PM	0.342	5.05	1.176
6/28/2021 12:36 PM	0.357	4.923	1.177
6/28/2021 12:42 PM	0.381	4.968	1.178
6/28/2021 12:48 PM	0.416	4.991	1.175
6/28/2021 12:54 PM	0.436	4.99	1.169
6/28/2021 1:00 PM	0.456	4.969	1.167
6/28/2021 1:06 PM	0.482	4.92	1.172
6/28/2021 1:12 PM	0.499	4.865	1.176
6/28/2021 1:18 PM	0.5	4.805	1.177
6/28/2021 1:24 PM	2.201	4.737	1.181
6/28/2021 1:30 PM	6.133	4.659	1.186
6/28/2021 1:36 PM	5.064	4.761	1.184
6/28/2021 1:42 PM	2.683	4.827	1.183
6/28/2021 1:48 PM	2.526	4.805	1.185
6/28/2021 1:54 PM	2.157	4.749	1.186
6/28/2021 2:00 PM	1.469	4.729	1.187
6/28/2021 2:06 PM	1.347	4.778	1.187
6/28/2021 2:12 PM	1.422	4.853	1.188
6/28/2021 2:18 PM	1.598	4.837	1.192
6/28/2021 2:24 PM	1.696	4.814	1.191
6/28/2021 2:30 PM	1.717	4.756	1.181
6/28/2021 2:36 PM	1.674	4.634	1.175
6/28/2021 2:42 PM	1.651	4.584	1.178
6/28/2021 2:48 PM	1.626	4.557	1.184
6/28/2021 2:54 PM	1.604	4.46	1.187
6/28/2021 3:00 PM	1.538	4.493	1.191
6/28/2021 3:06 PM	1.367	4.491	1.19
6/28/2021 3:12 PM	1.178	4.456	1.188
6/28/2021 3:18 PM	1.077	4.432	1.188
6/28/2021 3:24 PM	1.126	4.436	1.19
6/28/2021 3:30 PM	1.22	4.363	1.191
6/28/2021 3:36 PM	1.266	4.309	1.19
6/28/2021 3:42 PM	1.282	4.397	1.19
6/28/2021 3:48 PM	1.286	4.508	1.189
6/28/2021 3:54 PM	1.248	4.536	1.19
6/28/2021 4:00 PM	0.919	4.719	1.192
6/28/2021 4:06 PM	0.641	4.908	1.193
6/28/2021 4:12 PM	0.524	4.869	1.197
6/28/2021 4:18 PM	0.26	4.759	1.198
6/28/2021 4:24 PM	-0.061	4.618	1.195
6/28/2021 4:30 PM	-0.164	4.696	1.196

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/28/2021 4:36 PM	-0.153	4.859	1.2
6/28/2021 4:42 PM	-0.137	4.975	1.202
6/28/2021 4:48 PM	-0.125	4.952	1.198
6/28/2021 4:54 PM	-0.108	4.848	1.197
6/28/2021 5:00 PM	-0.091	4.747	1.196
6/28/2021 5:06 PM	-0.067	4.778	1.187
6/28/2021 5:12 PM	-0.041	4.694	1.182
6/28/2021 5:18 PM	-0.054	4.586	1.183
6/28/2021 5:24 PM	-0.044	4.608	1.186
6/28/2021 5:30 PM	0.032	4.691	1.189
6/28/2021 5:36 PM	0.064	4.726	1.188
6/28/2021 5:42 PM	0.075	4.705	1.187
6/28/2021 5:48 PM	0.08	4.803	1.187
6/28/2021 5:54 PM	0.105	4.94	1.186
6/28/2021 6:00 PM	0.129	5.007	1.186
6/28/2021 6:06 PM	0.149	5.067	1.185
6/28/2021 6:12 PM	0.156	5.214	1.189
6/28/2021 6:18 PM	0.183	5.264	1.191
6/28/2021 6:24 PM	0.2	5.173	1.192
6/28/2021 6:30 PM	0.194	5.123	1.195
6/28/2021 6:36 PM	0.234	5.151	1.197
6/28/2021 6:42 PM	0.265	5.078	1.199
6/28/2021 6:48 PM	0.271	5.035	1.204
6/28/2021 6:54 PM	0.288	5.025	1.204
6/28/2021 7:00 PM	0.309	4.99	1.201
6/28/2021 7:06 PM	0.317	4.975	1.202
6/28/2021 7:12 PM	0.324	5.11	1.202
6/28/2021 7:18 PM	0.326	5.209	1.205
6/28/2021 7:24 PM	0.338	5.075	1.209
6/28/2021 7:30 PM	0.35	5.066	1.21
6/28/2021 7:36 PM	0.349	5.104	1.21
6/28/2021 7:42 PM	0.328	5.041	1.213
6/28/2021 7:48 PM	0.332	5.031	1.214
6/28/2021 7:54 PM	0.35	5.036	1.211
6/28/2021 8:00 PM	0.348	5.102	1.209
6/28/2021 8:06 PM	0.341	5.191	1.212
6/28/2021 8:12 PM	0.34	5.028	1.217
6/28/2021 8:18 PM	0.332	4.94	1.22
6/28/2021 8:24 PM	0.338	4.945	1.219
6/28/2021 8:30 PM	0.343	4.833	1.22
6/28/2021 8:36 PM	0.349	4.803	1.221
6/28/2021 8:42 PM	0.336	4.895	1.22
6/28/2021 8:48 PM	0.349	4.99	1.221
6/28/2021 8:54 PM	0.357	5.063	1.223
6/28/2021 9:00 PM	0.364	5.057	1.222
6/28/2021 9:06 PM	0.365	4.982	1.222
6/28/2021 9:12 PM	0.352	4.97	1.222
6/28/2021 9:18 PM	0.378	5.032	1.222
6/28/2021 9:24 PM	0.363	5.048	1.221
6/28/2021 9:30 PM	0.341	5.033	1.222
6/28/2021 9:36 PM	0.37	6.296	1.223
6/28/2021 9:42 PM	0.368	6.667	1.226
6/28/2021 9:48 PM	0.363	6.209	1.228
6/28/2021 9:54 PM	0.364	6.127	1.23

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/28/2021 10:00 PM	0.364	6.194	1.229
6/28/2021 10:06 PM	0.371	6.144	1.228
6/28/2021 10:12 PM	0.377	6.119	1.226
6/28/2021 10:18 PM	0.362	6.15	1.224
6/28/2021 10:24 PM	0.345	6.14	1.221
6/28/2021 10:30 PM	0.35	6.179	1.218
6/28/2021 10:36 PM	0.342	5.924	1.216
6/28/2021 10:42 PM	0.32	5.752	1.214
6/28/2021 10:48 PM	0.318	5.768	1.229
6/28/2021 10:54 PM	0.314	5.782	1.243
6/28/2021 11:00 PM	0.313	5.956	1.244
6/28/2021 11:06 PM	0.322	6.109	1.245
6/28/2021 11:12 PM	0.326	6.158	1.245
6/28/2021 11:18 PM	0.319	6.137	1.242
6/28/2021 11:24 PM	0.314	6.12	1.239
6/28/2021 11:30 PM	0.317	6.222	1.244
6/28/2021 11:36 PM	0.305	6.228	1.25
6/28/2021 11:42 PM	0.318	6.223	1.246
6/28/2021 11:48 PM	0.323	6.226	1.241
6/28/2021 11:54 PM	0.319	6.29	1.235
6/29/2021 12:00 AM	0.34	6.292	1.23
6/29/2021 12:06 AM	0.343	6.293	1.227
6/29/2021 12:12 AM	0.329	6.24	1.228
6/29/2021 12:18 AM	0.357	6.247	1.229
6/29/2021 12:24 AM	0.355	6.282	1.23
6/29/2021 12:30 AM	0.354	6.328	1.231
6/29/2021 12:36 AM	0.351	6.282	1.232
6/29/2021 12:42 AM	0.348	6.318	1.233
6/29/2021 12:48 AM	0.359	6.407	1.234
6/29/2021 12:54 AM	0.361	6.443	1.233
6/29/2021 1:00 AM	0.363	6.343	1.232
6/29/2021 1:06 AM	0.382	6.218	1.233
6/29/2021 1:12 AM	0.385	6.015	1.233
6/29/2021 1:18 AM	0.356	5.852	1.231
6/29/2021 1:24 AM	0.347	5.938	1.231
6/29/2021 1:30 AM	0.352	5.882	1.229
6/29/2021 1:36 AM	0.364	5.701	1.228
6/29/2021 1:42 AM	0.359	5.713	1.227
6/29/2021 1:48 AM	0.359	5.915	1.229
6/29/2021 1:54 AM	0.369	6.048	1.234
6/29/2021 2:00 AM	0.364	6.134	1.238
6/29/2021 2:06 AM	0.356	6.042	1.238
6/29/2021 2:12 AM	0.35	5.917	1.239
6/29/2021 2:18 AM	0.352	5.943	1.241
6/29/2021 2:24 AM	0.343	5.752	1.241
6/29/2021 2:30 AM	0.34	5.556	1.242
6/29/2021 2:36 AM	0.352	5.732	1.242
6/29/2021 2:42 AM	0.347	5.974	1.242
6/29/2021 2:48 AM	0.346	5.783	1.242
6/29/2021 2:54 AM	0.346	5.66	1.241
6/29/2021 3:00 AM	0.34	5.737	1.24
6/29/2021 3:06 AM	0.344	5.683	1.239
6/29/2021 3:12 AM	0.331	5.733	1.238
6/29/2021 3:18 AM	0.323	5.699	1.238

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/29/2021 3:24 AM	0.333	5.632	1.237
6/29/2021 3:30 AM	0.317	5.645	1.238
6/29/2021 3:36 AM	0.297	5.742	1.237
6/29/2021 3:42 AM	0.295	5.816	1.238
6/29/2021 3:48 AM	0.305	5.686	1.241
6/29/2021 3:54 AM	0.327	5.688	1.242
6/29/2021 4:00 AM	0.321	5.805	1.242
6/29/2021 4:06 AM	0.306	5.835	1.24
6/29/2021 4:12 AM	0.304	5.838	1.238
6/29/2021 4:18 AM	0.312	5.764	1.236
6/29/2021 4:24 AM	0.302	5.624	1.235
6/29/2021 4:30 AM	0.292	5.607	1.233
6/29/2021 4:36 AM	2.295	5.463	1.231
6/29/2021 4:42 AM	4.619	4.596	1.232
6/29/2021 4:48 AM	3.167	4.265	1.233
6/29/2021 4:54 AM	1.893	4.383	1.233
6/29/2021 5:00 AM	1.316	4.328	1.236
6/29/2021 5:06 AM	1.322	4.069	1.239
6/29/2021 5:12 AM	1.464	3.985	1.241
6/29/2021 5:18 AM	1.55	4.073	1.242
6/29/2021 5:24 AM	1.64	4.157	1.24
6/29/2021 5:30 AM	1.701	4.175	1.237
6/29/2021 5:36 AM	1.723	4.22	1.235
6/29/2021 5:42 AM	1.716	4.18	1.236
6/29/2021 5:48 AM	1.741	4.159	1.239
6/29/2021 5:54 AM	1.736	4.269	1.24
6/29/2021 6:00 AM	1.668	4.24	1.241
6/29/2021 6:06 AM	1.695	4.217	1.235
6/29/2021 6:12 AM	1.553	4.201	1.225
6/29/2021 6:18 AM	1.262	3.928	1.221
6/29/2021 6:24 AM	1.004	3.851	1.219
6/29/2021 6:30 AM	0.655	4.068	1.216
6/29/2021 6:36 AM	0.553	4.176	1.211
6/29/2021 6:42 AM	0.534	4.109	1.207
6/29/2021 6:48 AM	0.551	3.951	1.205
6/29/2021 6:54 AM	0.559	3.898	1.199
6/29/2021 7:00 AM	0.548	3.824	1.189
6/29/2021 7:06 AM	0.541	3.811	1.18
6/29/2021 7:12 AM	0.589	3.82	1.175
6/29/2021 7:18 AM	0.637	3.839	1.172
6/29/2021 7:24 AM	0.654	3.904	1.166
6/29/2021 7:30 AM	0.672	3.963	1.159
6/29/2021 7:36 AM	0.694	4.068	1.158
6/29/2021 7:42 AM	0.696	4.105	1.16
6/29/2021 7:48 AM	0.735	4.086	1.16
6/29/2021 7:54 AM	0.765	3.978	1.164
6/29/2021 8:00 AM	0.785	4.065	1.159
6/29/2021 8:06 AM	0.834	4.103	1.147
6/29/2021 8:12 AM	0.877	4.394	1.146
6/29/2021 8:18 AM	0.923	4.532	1.148
6/29/2021 8:24 AM	0.932	4.467	1.154
6/29/2021 8:30 AM	0.929	4.556	1.158
6/29/2021 8:36 AM	0.946	4.611	1.155
6/29/2021 8:42 AM	0.955	4.426	1.151

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/29/2021 8:48 AM	0.977	4.374	1.151
6/29/2021 8:54 AM	1.423	4.378	1.154
6/29/2021 9:00 AM	1.753	4.32	1.155
6/29/2021 9:06 AM	1.598	4.269	1.154
6/29/2021 9:12 AM	1.46	4.823	1.15
6/29/2021 9:18 AM	1.305	4.9	1.15
6/29/2021 9:24 AM	1.232	4.518	1.151
6/29/2021 9:30 AM	1.156	4.529	1.152
6/29/2021 9:36 AM	1.074	4.491	1.159
6/29/2021 9:42 AM	1.048	4.562	1.167
6/29/2021 9:48 AM	1.089	4.59	1.177
6/29/2021 9:54 AM	1.087	4.563	1.181
6/29/2021 10:00 AM	1.121	4.506	1.182
6/29/2021 10:06 AM	1.441	4.442	1.188
6/29/2021 10:12 AM	1.481	4.379	1.193
6/29/2021 10:18 AM	1.433	4.32	1.198
6/29/2021 10:24 AM	1.391	4.352	1.198
6/29/2021 10:30 AM	1.319	4.433	1.197
6/29/2021 10:36 AM	1.373	4.499	1.196
6/29/2021 10:42 AM	1.37	4.503	1.195
6/29/2021 10:48 AM	1.308	4.45	1.191
6/29/2021 10:54 AM	1.322	4.369	1.19
6/29/2021 11:00 AM	1.329	4.365	1.192
6/29/2021 11:06 AM	1.328	4.392	1.193
6/29/2021 11:12 AM	1.306	4.417	1.193
6/29/2021 11:18 AM	1.323	4.269	1.196
6/29/2021 11:24 AM	1.325	4.241	1.197
6/29/2021 11:30 AM	1.332	4.293	1.197
6/29/2021 11:36 AM	1.288	4.323	1.195
6/29/2021 11:42 AM	1.163	4.284	1.192
6/29/2021 11:48 AM	1.148	4.304	1.186
6/29/2021 11:54 AM	1.18	4.23	1.189
6/29/2021 12:00 PM	1.11	4.134	1.204
6/29/2021 12:06 PM	0.848	4.05	1.245
6/29/2021 12:12 PM	0.913	4.277	1.258
6/29/2021 12:18 PM	0.963	4.462	1.269
6/29/2021 12:24 PM	0.945	4.521	1.264
6/29/2021 12:30 PM	0.925	4.493	1.25
6/29/2021 12:36 PM	0.832	4.464	1.242
6/29/2021 12:42 PM	0.723	4.415	1.239
6/29/2021 12:48 PM	0.691	4.476	1.235
6/29/2021 12:54 PM	0.718	4.474	1.233
6/29/2021 1:00 PM	0.693	4.367	1.236
6/29/2021 1:06 PM	0.623	4.318	1.251
6/29/2021 1:12 PM	0.638	4.36	1.351
6/29/2021 1:18 PM	0.693	4.362	1.382
6/29/2021 1:24 PM	0.715	4.322	1.302
6/29/2021 1:30 PM	0.733	4.317	1.276
6/29/2021 1:36 PM	0.683	4.257	1.271
6/29/2021 1:42 PM	0.642	4.251	1.276
6/29/2021 1:48 PM	0.642	4.304	1.268
6/29/2021 1:54 PM	0.599	4.403	1.264
6/29/2021 2:00 PM	0.521	4.481	1.266
6/29/2021 2:06 PM	0.631	4.496	1.264

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/29/2021 2:12 PM	0.678	4.519	1.258
6/29/2021 2:18 PM	0.593	4.477	1.252
6/29/2021 2:24 PM	0.554	4.417	1.251
6/29/2021 2:30 PM	0.567	4.488	1.247
6/29/2021 2:36 PM	0.614	4.301	1.242
6/29/2021 2:42 PM	0.401	4.03	1.243
6/29/2021 2:48 PM	0.256	3.883	1.246
6/29/2021 2:54 PM	0.316	4.098	1.247
6/29/2021 3:00 PM	0.399	4.436	1.247
6/29/2021 3:06 PM	0.463	4.554	1.248
6/29/2021 3:12 PM	0.487	4.42	1.247
6/29/2021 3:18 PM	0.486	4.333	1.244
6/29/2021 3:24 PM	0.456	4.326	1.242
6/29/2021 3:30 PM	0.45	4.421	1.243
6/29/2021 3:36 PM	0.428	4.498	1.245
6/29/2021 3:42 PM	0.393	4.447	1.247
6/29/2021 3:48 PM	0.404	4.452	1.247
6/29/2021 3:54 PM	0.433	4.496	1.246
6/29/2021 4:00 PM	0.423	4.467	1.243
6/29/2021 4:06 PM	0.411	4.426	1.238
6/29/2021 4:12 PM	0.438	4.469	1.241
6/29/2021 4:18 PM	0.436	4.469	1.241
6/29/2021 4:24 PM	0.445	4.462	1.242
6/29/2021 4:30 PM	0.475	4.489	1.245
6/29/2021 4:36 PM	0.462	4.646	1.249
6/29/2021 4:42 PM	0.442	4.651	1.248
6/29/2021 4:48 PM	0.435	4.584	1.245
6/29/2021 4:54 PM	0.353	4.614	1.248
6/29/2021 5:00 PM	0.328	4.702	1.249
6/29/2021 5:06 PM	0.341	4.837	1.251
6/29/2021 5:12 PM	0.343	4.849	1.253
6/29/2021 5:18 PM	0.345	4.769	1.252
6/29/2021 5:24 PM	0.338	4.739	1.247
6/29/2021 5:30 PM	0.331	4.633	1.248
6/29/2021 5:36 PM	0.348	4.56	1.248
6/29/2021 5:42 PM	0.411	4.641	1.247
6/29/2021 5:48 PM	0.647	5.017	1.246
6/29/2021 5:54 PM	0.718	5.201	1.247
6/29/2021 6:00 PM	0.635	5.092	1.25
6/29/2021 6:06 PM	0.62	5.106	1.251
6/29/2021 6:12 PM	0.569	5.083	1.249
6/29/2021 6:18 PM	0.509	5.006	1.249
6/29/2021 6:24 PM	0.497	4.809	1.246
6/29/2021 6:30 PM	0.49	4.742	1.247
6/29/2021 6:36 PM	0.452	5.386	1.249
6/29/2021 6:42 PM	0.413	5.573	1.251
6/29/2021 6:48 PM	0.447	5.418	1.252
6/29/2021 6:54 PM	0.474	5.336	1.256
6/29/2021 7:00 PM	0.463	5.332	1.256
6/29/2021 7:06 PM	0.416	5.054	1.252
6/29/2021 7:12 PM	0.387	4.881	1.253
6/29/2021 7:18 PM	0.423	4.869	1.254
6/29/2021 7:24 PM	0.464	4.941	1.254
6/29/2021 7:30 PM	0.44	4.961	1.252

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/29/2021 7:36 PM	0.417	4.995	1.251
6/29/2021 7:42 PM	0.405	5.005	1.255
6/29/2021 7:48 PM	0.406	4.885	1.256
6/29/2021 7:54 PM	0.446	4.871	1.256
6/29/2021 8:00 PM	0.457	5.03	1.259
6/29/2021 8:06 PM	0.462	5.084	1.257
6/29/2021 8:12 PM	0.498	4.982	1.256
6/29/2021 8:18 PM	0.503	4.893	1.255
6/29/2021 8:24 PM	0.512	4.955	1.255
6/29/2021 8:30 PM	0.541	4.946	1.253
6/29/2021 8:36 PM	0.514	4.937	1.25
6/29/2021 8:42 PM	0.495	5.009	1.249
6/29/2021 8:48 PM	0.477	5.055	1.251
6/29/2021 8:54 PM	0.469	4.952	1.256
6/29/2021 9:00 PM	0.456	4.954	1.259
6/29/2021 9:06 PM	0.442	4.956	1.259
6/29/2021 9:12 PM	0.43	4.979	1.26
6/29/2021 9:18 PM	0.445	5.091	1.265
6/29/2021 9:24 PM	0.44	5.094	1.268
6/29/2021 9:30 PM	0.385	5.062	1.269
6/29/2021 9:36 PM	0.354	5.087	1.269
6/29/2021 9:42 PM	0.335	5.086	1.266
6/29/2021 9:48 PM	0.309	5.243	1.267
6/29/2021 9:54 PM	0.29	5.448	1.272
6/29/2021 10:00 PM	0.254	5.438	1.273
6/29/2021 10:06 PM	0.247	5.39	1.272
6/29/2021 10:12 PM	0.121	4.93	1.273
6/29/2021 10:18 PM	0.087	4.655	1.274
6/29/2021 10:24 PM	0.138	4.753	1.274
6/29/2021 10:30 PM	0.161	4.625	1.274
6/29/2021 10:36 PM	0.166	4.552	1.274
6/29/2021 10:42 PM	0.148	4.64	1.273
6/29/2021 10:48 PM	0.157	4.747	1.271
6/29/2021 10:54 PM	0.127	4.718	1.271
6/29/2021 11:00 PM	0.092	4.748	1.268
6/29/2021 11:06 PM	0.112	4.718	1.265
6/29/2021 11:12 PM	0.136	4.645	1.265
6/29/2021 11:18 PM	0.141	4.618	1.266
6/29/2021 11:24 PM	0.126	4.553	1.268
6/29/2021 11:30 PM	0.125	4.535	1.267
6/29/2021 11:36 PM	0.136	4.628	1.266
6/29/2021 11:42 PM	0.133	4.685	1.265
6/29/2021 11:48 PM	0.133	4.727	1.264
6/29/2021 11:54 PM	0.139	4.697	1.266
6/30/2021 12:00 AM	0.143	4.722	1.268
6/30/2021 12:06 AM	0.128	4.836	1.271
6/30/2021 12:12 AM	0.158	4.767	1.271
6/30/2021 12:18 AM	0.207	4.618	1.273
6/30/2021 12:24 AM	0.203	4.631	1.273
6/30/2021 12:30 AM	0.202	4.655	1.274
6/30/2021 12:36 AM	0.247	4.567	1.275
6/30/2021 12:42 AM	0.296	4.54	1.275
6/30/2021 12:48 AM	0.313	4.591	1.274
6/30/2021 12:54 AM	0.319	4.577	1.276

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/30/2021 1:00 AM	0.296	4.546	1.277
6/30/2021 1:06 AM	0.3	4.495	1.278
6/30/2021 1:12 AM	0.348	4.495	1.278
6/30/2021 1:18 AM	0.37	4.468	1.28
6/30/2021 1:24 AM	0.364	4.505	1.281
6/30/2021 1:30 AM	0.196	4.367	1.28
6/30/2021 1:36 AM	0.037	4.082	1.278
6/30/2021 1:42 AM	0.227	4.114	1.277
6/30/2021 1:48 AM	0.521	4.012	1.277
6/30/2021 1:54 AM	0.887	2.563	1.278
6/30/2021 2:00 AM	0.84	1.862	1.276
6/30/2021 2:06 AM	0.68	1.89	1.276
6/30/2021 2:12 AM	0.685	1.235	1.273
6/30/2021 2:18 AM	0.68	0.966	1.274
6/30/2021 2:24 AM	0.625	0.878	1.294
6/30/2021 2:30 AM	0.604	0.826	1.3
6/30/2021 2:36 AM	0.547	0.816	1.296
6/30/2021 2:42 AM	0.483	0.847	1.291
6/30/2021 2:48 AM	0.463	0.816	1.29
6/30/2021 2:54 AM	0.352	0.777	1.288
6/30/2021 3:00 AM	0.34	0.782	1.285
6/30/2021 3:06 AM	0.392	0.811	1.283
6/30/2021 3:12 AM	0.293	0.753	1.283
6/30/2021 3:18 AM	0.259	0.726	1.285
6/30/2021 3:24 AM	0.536	0.744	1.285
6/30/2021 3:30 AM	0.791	0.768	1.284
6/30/2021 3:36 AM	0.825	0.774	1.282
6/30/2021 3:42 AM	0.848	0.74	1.281
6/30/2021 3:48 AM	0.868	0.728	1.281
6/30/2021 3:54 AM	0.836	0.715	1.282
6/30/2021 4:00 AM	0.801	0.699	1.285
6/30/2021 4:06 AM	0.791	0.706	1.286
6/30/2021 4:12 AM	0.779	0.73	1.293
6/30/2021 4:18 AM	0.768	0.751	1.298
6/30/2021 4:24 AM	0.733	0.756	1.294
6/30/2021 4:30 AM	0.734	0.759	1.291
6/30/2021 4:36 AM	0.737	0.725	1.291
6/30/2021 4:42 AM	0.742	0.734	1.292
6/30/2021 4:48 AM	0.725	0.727	1.293
6/30/2021 4:54 AM	0.727	0.74	1.292
6/30/2021 5:00 AM	0.718	0.749	1.29
6/30/2021 5:06 AM	0.711	0.697	1.29
6/30/2021 5:12 AM	0.724	0.707	1.288
6/30/2021 5:18 AM	0.709	0.738	1.288
6/30/2021 5:24 AM	0.692	0.752	1.287
6/30/2021 5:30 AM	0.693	0.802	1.287
6/30/2021 5:36 AM	0.655	0.783	1.288
6/30/2021 5:42 AM	0.626	0.797	1.29
6/30/2021 5:48 AM	0.654	0.8	1.29
6/30/2021 5:54 AM	0.71	0.759	1.29
6/30/2021 6:00 AM	0.752	0.764	1.288
6/30/2021 6:06 AM	0.765	0.797	1.289
6/30/2021 6:12 AM	0.753	0.768	1.287
6/30/2021 6:18 AM	0.71	0.698	1.282

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021

0:00
 23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/30/2021 6:24 AM	0.701	0.694	1.276
6/30/2021 6:30 AM	0.73	0.728	1.272
6/30/2021 6:36 AM	0.748	0.701	1.265
6/30/2021 6:42 AM	0.746	0.654	1.255
6/30/2021 6:48 AM	0.777	0.682	1.243
6/30/2021 6:54 AM	0.795	0.696	1.235
6/30/2021 7:00 AM	0.756	0.691	1.228
6/30/2021 7:06 AM	0.754	0.701	1.223
6/30/2021 7:12 AM	0.786	0.689	1.219
6/30/2021 7:18 AM	0.795	0.675	1.207
6/30/2021 7:24 AM	0.793	0.676	1.196
6/30/2021 7:30 AM	0.758	0.703	1.199
6/30/2021 7:36 AM	0.748	0.697	1.205
6/30/2021 7:42 AM	0.785	0.737	1.209
6/30/2021 7:48 AM	0.804	0.727	1.207
6/30/2021 7:54 AM	0.811	1.395	1.206
6/30/2021 8:00 AM	0.851	15.833	1.206
6/30/2021 8:06 AM	0.847	18.395	1.208
6/30/2021 8:12 AM	0.87	11.079	1.211
6/30/2021 8:18 AM	0.766	13.5	1.21
6/30/2021 8:24 AM	0.585	13.918	1.206
6/30/2021 8:30 AM	0.669	9.455	1.202
6/30/2021 8:36 AM	0.812	8.948	1.201
6/30/2021 8:42 AM	0.908	9.487	1.199
6/30/2021 8:48 AM	0.984	8.962	1.2
6/30/2021 8:54 AM	0.947	6.652	1.199
6/30/2021 9:00 AM	0.813	5.982	1.198
6/30/2021 9:06 AM	0.762	6.126	1.201
6/30/2021 9:12 AM	0.726	6.198	1.2
6/30/2021 9:18 AM	0.675	6.338	5.597
6/30/2021 9:24 AM	0.622	6.276	9.995
6/30/2021 9:30 AM	0.692	6.328	6.616
6/30/2021 9:36 AM	0.831	6.252	4.001
6/30/2021 9:42 AM	0.673	6.745	3.823
6/30/2021 9:48 AM	0.092	6.59	3.739
6/30/2021 9:54 AM	-0.282	6.163	3.36
6/30/2021 10:00 AM	-0.345	6.036	3.182
6/30/2021 10:06 AM	-0.322	6.147	3.185
6/30/2021 10:12 AM	-0.35	6.312	3.146
6/30/2021 10:18 AM	-0.31	6.337	3.072
6/30/2021 10:24 AM	-0.227	6.242	3.067
6/30/2021 10:30 AM	-0.201	6.155	3.048
6/30/2021 10:36 AM	-0.228	6.705	3.11
6/30/2021 10:42 AM	-0.2	7.084	3.146
6/30/2021 10:48 AM	-0.097	6.913	3.091
6/30/2021 10:54 AM	-0.08	6.757	3.064
6/30/2021 11:00 AM	-0.073	6.741	3.074
6/30/2021 11:06 AM	-0.062	6.73	3.045
6/30/2021 11:12 AM	-0.003	6.867	3.654
6/30/2021 11:18 AM	0.022	7.076	3.639
6/30/2021 11:24 AM	0.037	7.287	3.074
6/30/2021 11:30 AM	0.095	7.219	3.692
6/30/2021 11:36 AM	0.081	7.085	4.065
6/30/2021 11:42 AM	0.058	6.921	3.563

Opacity Data Summary Report

Company: New York City D.E.P.
 North River Wastewater Resource Recovery Facility
 New York, NY 10031
Data Group: Valid Data
Report Name: 2nd Quarter 2021
Start of Report: 4/1/2021
End of Report: 6/30/2021



0:00
23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/30/2021 11:48 AM	0.072	7.131	3.522
6/30/2021 11:54 AM	0.058	7.248	3.498
6/30/2021 12:00 PM	0.07	6.971	3.498
6/30/2021 12:06 PM	0.102	7.019	3.537
6/30/2021 12:12 PM	0.108	6.598	3.674
6/30/2021 12:18 PM	0.139	5.887	3.738
6/30/2021 12:24 PM	0.187	5.708	3.658
6/30/2021 12:30 PM	0.177	5.688	3.642
6/30/2021 12:36 PM	0.226	5.521	3.626
6/30/2021 12:42 PM	0.254	5.321	3.64
6/30/2021 12:48 PM	0.305	5.326	3.611
6/30/2021 12:54 PM	0.311	5.43	3.579
6/30/2021 1:00 PM	0.313	5.198	3.574
6/30/2021 1:06 PM	0.318	4.926	3.584
6/30/2021 1:12 PM	0.344	4.793	3.598
6/30/2021 1:18 PM	0.389	4.958	3.632
6/30/2021 1:24 PM	0.463	5.019	3.625
6/30/2021 1:30 PM	0.486	4.829	3.611
6/30/2021 1:36 PM	0.413	4.898	3.623
6/30/2021 1:42 PM	0.361	5.046	3.608
6/30/2021 1:48 PM	0.324	5.047	3.633
6/30/2021 1:54 PM	0.24	5.107	3.669
6/30/2021 2:00 PM	0.266	5.078	3.625
6/30/2021 2:06 PM	0.318	4.878	3.622
6/30/2021 2:12 PM	0.347	4.95	3.633
6/30/2021 2:18 PM	0.364	4.957	3.648
6/30/2021 2:24 PM	0.418	4.873	3.664
6/30/2021 2:30 PM	0.427	4.722	3.663
6/30/2021 2:36 PM	0.397	4.604	3.674
6/30/2021 2:42 PM	0.393	4.636	3.658
6/30/2021 2:48 PM	0.388	4.622	3.661
6/30/2021 2:54 PM	0.398	4.719	3.692
6/30/2021 3:00 PM	0.458	4.858	3.704
6/30/2021 3:06 PM	0.456	5.047	3.706
6/30/2021 3:12 PM	0.472	5.043	3.694
6/30/2021 3:18 PM	0.497	5.018	3.677
6/30/2021 3:24 PM	0.482	5.218	3.673
6/30/2021 3:30 PM	0.478	5.059	3.667
6/30/2021 3:36 PM	0.458	4.883	3.682
6/30/2021 3:42 PM	0.479	4.919	3.693
6/30/2021 3:48 PM	0.527	4.843	3.694
6/30/2021 3:54 PM	0.526	4.835	3.673
6/30/2021 4:00 PM	0.508	4.99	3.685
6/30/2021 4:06 PM	0.536	5.141	3.682
6/30/2021 4:12 PM	0.539	5.196	3.673
6/30/2021 4:18 PM	0.524	5.101	3.697
6/30/2021 4:24 PM	0.475	5.168	3.697
6/30/2021 4:30 PM	0.474	5.202	3.689
6/30/2021 4:36 PM	0.519	5.59	3.702
6/30/2021 4:42 PM	0.576	6.043	3.694
6/30/2021 4:48 PM	0.628	5.982	3.696
6/30/2021 4:54 PM	0.638	5.847	3.692
6/30/2021 5:00 PM	0.64	5.897	3.692
6/30/2021 5:06 PM	0.643	5.867	3.696

Opacity Data Summary Report

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



Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021 0:00
End of Report: 6/30/2021 23:54

All Opacity Data

Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/30/2021 5:12 PM	0.655	6.011	3.712
6/30/2021 5:18 PM	0.613	6.191	3.742
6/30/2021 5:24 PM	0.574	6.325	3.722
6/30/2021 5:30 PM	0.589	6.173	3.698
6/30/2021 5:36 PM	0.629	6.018	3.708
6/30/2021 5:42 PM	0.68	6.148	3.703
6/30/2021 5:48 PM	0.68	6.206	3.688
6/30/2021 5:54 PM	0.676	6.429	3.691
6/30/2021 6:00 PM	0.679	6.485	3.698
6/30/2021 6:06 PM	0.681	6.246	3.713
6/30/2021 6:12 PM	0.688	6.306	3.723
6/30/2021 6:18 PM	0.68	6.45	3.706
6/30/2021 6:24 PM	0.677	6.322	3.725
6/30/2021 6:30 PM	0.678	6.386	3.728
6/30/2021 6:36 PM	0.669	6.522	3.71
6/30/2021 6:42 PM	0.665	6.463	3.702
6/30/2021 6:48 PM	0.65	6.331	3.694
6/30/2021 6:54 PM	0.639	6.449	3.703
6/30/2021 7:00 PM	0.641	6.662	3.731
6/30/2021 7:06 PM	0.592	6.655	3.719
6/30/2021 7:12 PM	0.597	6.674	3.749
6/30/2021 7:18 PM	0.643	6.66	3.309
6/30/2021 7:24 PM	0.673	6.523	2.852
6/30/2021 7:30 PM	0.66	6.485	2.888
6/30/2021 7:36 PM	0.606	6.395	2.92
6/30/2021 7:42 PM	0.453	6.446	2.918
6/30/2021 7:48 PM	0.155	6.609	3.177
6/30/2021 7:54 PM	0.021	6.65	3.254
6/30/2021 8:00 PM	0.341	6.578	3.219
6/30/2021 8:06 PM	0.338	6.72	3.19
6/30/2021 8:12 PM	0.095	6.891	3.131
6/30/2021 8:18 PM	0.087	6.763	3.015
6/30/2021 8:24 PM	0.108	6.607	2.963
6/30/2021 8:30 PM	0.125	6.549	2.993
6/30/2021 8:36 PM	0.114	6.51	2.987
6/30/2021 8:42 PM	0.127	6.163	3.003
6/30/2021 8:48 PM	0.131	5.883	3.117
6/30/2021 8:54 PM	0.09	5.911	3.256
6/30/2021 9:00 PM	0.102	5.921	3.31
6/30/2021 9:06 PM	0.212	6.141	3.289
6/30/2021 9:12 PM	0.342	6.603	3.232
6/30/2021 9:18 PM	0.431	6.69	3.205
6/30/2021 9:24 PM	0.452	6.782	3.318
6/30/2021 9:30 PM	0.395	7.629	3.874
6/30/2021 9:36 PM	0.366	7.942	4.04
6/30/2021 9:42 PM	0.384	7.753	3.77
6/30/2021 9:48 PM	0.386	7.615	3.752
6/30/2021 9:54 PM	0.332	7.412	3.758
6/30/2021 10:00 PM	0.307	7.172	3.663
6/30/2021 10:06 PM	0.335	7.202	3.671
6/30/2021 10:12 PM	0.323	7.568	3.658
6/30/2021 10:18 PM	0.31	6.866	3.282
6/30/2021 10:24 PM	0.291	7.009	3.004
6/30/2021 10:30 PM	0.302	7.516	3.137

Opacity Data Summary Report

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

Data Group: Valid Data
Report Name: 2nd Quarter 2021

Start of Report: 4/1/2021

End of Report: 6/30/2021

0:00

23:54

All Opacity Data



Date & Time	PE 1	PE 2	PE 4
	%	%	%
6/30/2021 10:36 PM	0.247	7.129	3.316
6/30/2021 10:42 PM	0.214	7.866	3.648
6/30/2021 10:48 PM	3.693	8.224	4.026
6/30/2021 10:54 PM	5.979	7.96	4.082
6/30/2021 11:00 PM	2.739	7.761	4.022
6/30/2021 11:06 PM	1.896	7.377	3.824
6/30/2021 11:12 PM	1.754	7.163	3.575
6/30/2021 11:18 PM	1.412	6.593	3.372
6/30/2021 11:24 PM	1.138	5.723	3.34
6/30/2021 11:30 PM	1.249	5.481	3.493
6/30/2021 11:36 PM	1.283	5.347	3.65
6/30/2021 11:42 PM	1.097	5.368	3.872
6/30/2021 11:48 PM	0.904	5.723	3.636
6/30/2021 11:54 PM	0.751	6.25	3.261

Minimum	-0.9	-0.1	-0.8
MinDate	4/16/2021	4/26/2021	4/13/2021
MinTime	12:12 AM	8:42 AM	9:24 AM
Maximum	20.0	38.9	23.4
MaxDate	5/3/2021	5/3/2021	4/24/2021
MaxTime	8:00 AM	7:48 AM	5:00 AM
Avg	0.6	2.5	1.3
Num	21742	21748	21452
Data [% Valid]	99.6%	99.6%	98.2%
Operations and Maintenance	0.1%	0.1%	0.1%
Exceedances	0	22	1

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	6/23/2021			Serial Number:	22248563		
Monitor Pathlength, L1				Emission Outlet Pathlength, L2			
Monitoring System Output Path Length Corrected?				No	X	No	
Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 6/23/2021	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent			
							Low	Mid	High	
1-Low	10:55		18.00	%	18.13	%	-0.13			
2-Mid	11:00		25.60	%	25.77	%		-0.17		
3-High	11:04		44.50	%	44.91	%			-0.41	
4-Low	11:08		18.00	%	17.90	%	0.10			
5-Mid	11:11		25.60	%	25.88	%		-0.28		
6-High	11:17		44.50	%	45.01	%			-0.51	
7-Low	11:20		18.00	%	18.29	%	-0.29			
8-Mid	11:23		25.60	%	26.10	%		-0.50		
9-High	11:26		44.50	%	45.00	%			-0.50	
10-Low	11:29		18.00	%	18.27	%	-0.27			
11-Mid	11:32		25.60	%	26.11	%		-0.51		
12-High	11:35		44.50	%	44.96	%			-0.46	
13-Low	11:38		18.00	%	18.30	%	-0.30			
14-Mid	11:41		25.60	%	26.15	%		-0.55		
15-High	11:44		44.50	%	45.06	%			-0.56	
Arithmetic Mean (Equation 1-2) X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC							X			
								0.178	0.402	0.488
								0.211	0.208	0.070
								0.389	0.610	0.558

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK		
Company	New York City D.E.P.				Unit		PE2		
Date	6/23/2021				Serial Number:		22248963		
Monitor Pathlength, L1					in.		Emission Outlet Pathlength, L2		
Monitoring System Output Path Length Corrected?					No	X	No	Taper Ratio: 1.000	

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 6/23/2021	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent		
							Low	Mid	High
1-Low	12:07		18.00	%	18.08	%	-0.08		
2-Mid	12:11		25.60	%	25.96	%		-0.36	
3-High	12:15		44.50	%	44.38	%			0.12
4-Low	12:19		18.00	%	17.92	%	0.08		
5-Mid	12:22		25.60	%	25.75	%		-0.15	
6-High	12:25		44.50	%	44.41	%			0.09
7-Low	12:28		18.00	%	18.15	%	-0.15		
8-Mid	12:31		25.60	%	25.98	%		-0.38	
9-High	12:34		44.50	%	44.64	%			-0.14
10-Low	12:38		18.00	%	18.20	%	-0.20		
11-Mid	12:41		25.60	%	25.95	%		-0.35	
12-High	12:44		44.50	%	44.68	%			-0.18
13-Low	12:47		18.00	%	18.07	%	-0.07		
14-Mid	12:50		25.60	%	25.98	%		-0.38	
15-High	12:53		44.50	%	44.65	%			-0.15

Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC							X	X	X
							0.084	0.324	0.052
							0.132	0.122	0.179
							0.216	0.446	0.231

OPACITY-QUARTERLY
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy			Analyzer Manufacturer:		AMETEK		
Company	New York City D.E.P.				Unit	PE4			
Date	6/23/2021				Serial Number:	22248863			
Monitor Pathlength, L1					Emission Outlet Pathlength, L2				
Monitoring System Output Path Length Corrected?					No	X	No	Taper Ratio: 1.000	

Actual Neutral: Density		Opacity %		Path Adjusted: Density		Opacity %	
Low Range			18.00	Low Range			18.00
Mid Range			25.60	Mid Range			25.60
High Range			44.50	High Range			44.50

Run Number	Time/Date 6/23/2021	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent		
							Low	Mid	High
1-Low	13:01		18.00	%	18.11	%	-0.11		
2-Mid	13:05		25.60	%	25.57	%		0.03	
3-High	13:09		44.50	%	44.86	%			-0.36
4-Low	13:13		18.00	%	17.96	%	0.04		
5-Mid	13:16		25.60	%	25.87	%		-0.27	
6-High	13:19		44.50	%	44.57	%			-0.07
7-Low	13:22		18.00	%	17.98	%	0.02		
8-Mid	13:25		25.60	%	25.70	%		-0.10	
9-High	13:28		44.50	%	44.71	%			-0.21
10-Low	13:31		18.00	%	17.73	%	0.27		
11-Mid	13:34		25.60	%	25.85	%		-0.25	
12-High	13:37		44.50	%	44.70	%			-0.20
13-Low	13:40		18.00	%	17.92	%	0.08		
14-Mid	13:43		25.60	%	25.48	%		0.12	
15-High	13:46		44.50	%	44.80	%			-0.3

Arithmetic Mean (Equation 1-2) X X Confidence Coefficient (Equation 1-4) CC Calibration Error X + CC						X	X	X
						0.06	0.094	0.228
						0.170	0.212	0.137
						0.230	0.306	0.365

APPENDIX E

WEEKLY MAINTENANCE

Company:

Report Name:

2nd Quarter 2021

Start of Report:

4/1/2021 0:00

End of Report:

6/30/2021 23:54

[illegible]

APPENDIX F

NEUTRAL DENSITY AUDIT FILTERS CERTIFICATION



CAL CHECK

11600 Black Horse Run, Raleigh, North Carolina 27613 Phone (919) 847-1898 FAX (919) 847-8005

REPORT OF CERTIFICATION OF NEUTRAL DENSITY AUDIT FILTERS

Report prepared for: **Louis Berger Group**

Date of Filter Certification: **June 30, 2020**

Date of Filter Expiration: **June 29, 2021**

Monitor Make/Model: **Land 4500 MKII**

Audit Device/Filter Slot Angle of Incidence: **5 Degrees**
Path-Length Correction: **0.500 (Straight Stack)**

Table 1-1: Individual Filter Certification Data

Serial Number	Opacity Value (%)	Transmittance (%)	Optical Density	Previous Opacity (%)	Change in Opacity (%)	Accuracy (%)
ZH64	18.0	82.0	0.0863	17.8	0.2	± 0.5
ZH65	25.6	74.4	0.1285	25.4	0.2	± 0.5
ZH66	44.5	55.5	0.2557	44.4	0.1	± 0.5

Table 1-2: Individual Filter Certification Data @ 525 nM

Serial Number	Opacity Value (%)	Transmittance (%)	Optical Density
ZH64	18.2	81.8	0.0872
ZH65	26.0	74.0	0.1308
ZH66	45.0	55.0	0.2596


Eileen Rosenquest
Instrument Operator

****See second page for Instrument Information and Details of Certification****



CAL CHECK

REPORT OF CERTIFICATION OF NEUTRAL DENSITY AUDIT FILTERS(Cont.)

Report prepared for: **Louis Berger Group**

▪ **Calibration of Spectrophotometer**

Instrument:

Spectrophotometer: Varian Cary 50 Serial Number: EL0309-7553

Testing Range: 380nm to 780nm

SRM Reference Material:

Calibration Filters: NIST 930D SRM Serial No's: 90-CALCK: 30-1591; 20-1591; 10-1591

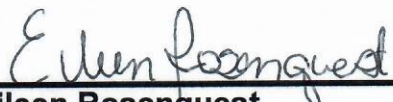
Date of SRM Certification: 01/31/19 Laboratory Environment: 72 deg F +/- 4 deg F

▪ **Description of Certification**

Cal Check certifies filters per 40 CFR Part 60, Appendix B, "Performance Specification 1", section 7.1.2. Opacity values are determined and assigned to each filter by use of a laboratory-based spectrophotometer exceeding the specifications set forth in section 6.3 of Performance Specification 1, and certified accurate daily using National Institute of Standards and Technology (NIST) 930D Standard Reference Materials (SRM).

Each opacity audit filter is placed into the sample chamber at an angle equal to the corresponding opacity monitors' audit device or filter slot. Once positioned, each filter is analyzed (or scanned) from 380nm to 780nm, rotated 90 degrees in the plane of the glass surface and analyzed again from 380nm to 780nm. Once all the data has been accumulated, averaged transmission values at 10nm intervals are multiplied by the corresponding weighting factor as specified in Table 1-1 of Performance Specification 1 to obtain the 'Source C Human Eye Response' transmittance. From this value, the single-pass opacity value and optical density value is determined and assigned to the filter.

For newer opacity monitors that employ monochromatic light sources, such as LED's or laser's, and installed after the promulgation of the latest version of Performance Specification 1, Section 7.6 (i.e., those installed and certified after April 9, 2001), the determination of filter opacity can be determined from the operating range of said light source. This provision was established in Performance Specification 1 to account for different types of neutral density glass used for certification of monochromatic light source-based monitors.



Eileen Rosenquest
Instrument Operator

"Your Clear Choice for Opacity Monitor On-Stack Testing"
Visit us on the web at **www.calcheck.com**



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