



January 27, 2022

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

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

**Vincent Sapienza, P.E.**  
Commissioner

**Pam Elardo, P.E.**  
Deputy Commissioner

**Bureau of Wastewater  
Treatment**

96-05 Horace Harding  
Expressway – 2<sup>nd</sup> Floor  
Corona, NY 11368

Tel. (718) 595-6924  
Fax (718) 595-4084  
[PElardo@dep.nyc.gov](mailto:PElardo@dep.nyc.gov)

Dear Mr. Lieblich:

The New York City Department of Environmental Protection (DEP) hereby submits to the New York State Department of Environmental Conservation (DEC) the North River Wastewater Resource Recovery Facility's (WRRF) Fourth Quarter of 2021 Continuous Opacity Monitoring (COM) Report for the two remaining in operation pump engines. This report is submitted as required by Condition 34, Item 34.2 of the WRRF Part 201 Title V Air Facility Permit.

Opacity monitoring at the Pump Engines 1 and 4 was able to achieve data recovery of 89.6% and 92.0%, respectively, during this period.

DEP conducted an investigation of all the 6-minute average opacity events greater than 20% for the Fourth 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**


- |            |  |
|------------|--|
| 11/20/2021 | Operational record indicated that three 6-minute average >27% exceedances may have been caused by engine maintenance.              |
| 12/21/2021 | Operational record indicated that three 6-minute average >27% exceedances may have been caused by engine start up.                 |
| 12/22/2021 | Operational record indicated that two 6-minute average >20% but ≤ 27% or >27% exceedances may have been caused by engine start up. |

**Pump Engine 4**

- 11/27/2021 Operational record indicated that two 6-minute average >20% but ≤ 27% or >27% exceedances may have been caused by engine start up.
- 11/27/2021 Operational record indicated that two 6-minute average >20% but ≤ 27% exceedances may have been caused by engine start up.
- 11/27/2021 Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.
- 12/23/2021 Operational record indicated that one 6-minute average >20% but ≤ 27% event may have been caused by engine start up.
- 12/23/2021 Operational record indicated that two 6-minute average >20% but ≤ 27% exceedances may have been caused by engine start up.

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

Very truly yours,

DocuSigned by:  


545DDC3CFC849C  
Pamela Liardo, 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)

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# North River Wastewater Resource Recovery Facility

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## Quarterly Opacity Continuous Monitoring Report for Fourth Quarter of 2021

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Submitted by:

**New York City Department of Environmental Protection**

96-05 Horace Harding Expressway, 2<sup>nd</sup> floor  
Corona, New York 11368

Prepared by:

**Louis Berger & Assoc., P.C.**

96 Morton Street, 8<sup>th</sup> Floor  
New York, NY 10011

On Behalf of:

**New York City Department of Environmental Protection**

January 19, 2022

Fourth Quarter 2021  
Project No. 2041797.00.00





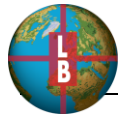
Re: QA QC Certification

I have reviewed the attached report entitled "Quarterly Opacity Continuous Monitoring Report for Fourth 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.

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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, Pump Engine 5 was decommissioned on April 2, 2021 and Pump Engine 4 ceased operation on July 27, 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 third 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 PE4. Data collected during periods of maintenance are not considered valid and were removed during Berger's QA/QC process.



	<b>PE 1</b>	<b>PE 4</b>
<b>Minimum</b>	-2.0	1.4
<b>Date of Minimum</b>	12/1/2021	10/21/2021
<b>Time of Minimum</b>	10:54 PM	3:36 PM
<b>Maximum</b>	39.6	31.2
<b>Date of Maximum</b>	11/20/2021	11/27/2021
<b>Time of Maximum</b>	1:00 AM	10:18 AM
<b>Average</b>	-0.3	3.3
<b>% Valid</b>	89.6%	92.0%
<b>% Out of Service</b>	10.2%	7.9%
<b>% Calibrations and Maintenance</b>	0.1%	0.1%

### **Six Minute Opacity Exceedances**

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

### **Data Availability**

The DAS collects all of the operating data on the opacity analyzers and calculates data availability. The time that analyzers are in calibration, invalid or missing is subtracted from the total monitoring period. During the fourth quarter of 2021, valid data capture ranged from 89.6% to 92.0% for the Pump Engines. Because the DAS software is defaulted on standard time basis, adopted Daylight Saving Time (DST) affected data capture and resulted in losing data every 12 minutes. This issue was resolved after the DST ended on November 7, 2021. A more detailed explanation is found in the attached letter from our IT consultant.

### **Quarterly Filter Audit**

Quarterly filter audits were performed on September 20th, 2021 for 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 fourth 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 trans-receiver and retro reflector for each piece of equipment were cleaned and checked on a weekly basis, and as needed.
- The blower path for each of the pump engines was checked to make sure the path was clear on a weekly basis, and as needed.

### **Additional Maintenance Performed**

During the fourth quarter of 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: 4th Quarter 2021

Start of Report: 10/1/2021 0:00

End of Report: 12/31/2021 23:54      Validation: All Calibrations



Date & Time	Monitor	Units	Zero ZRef	Zero ZMeas	Zero ZDiff(%FS)	Zero ZStd	Span SRef	Span SMeas	Span SDiff(%FS)	Span SDiff(%REF)	Span SStd	Result Zero	Result Factor	Result Status
12/3/2021 12:04 PM	PumpEng1	%	0	-0.257	-0.26	0	26.8	26.76	-0.04	-0.15	0	-0.26	0.99	Pass
12/3/2021 12:04 PM	PumpEng4	%	0	-0.098	-0.1	0.01	26	25.928	-0.07	-0.28	0	-0.1	1	Pass
12/4/2021 12:04 PM	PumpEng4	%	0	-0.013	-0.01	0	26	25.943	-0.06	-0.22	0	-0.01	1	Pass
12/4/2021 12:04 PM	PumpEng1	%	0	0.075	0.08	0.01	26.8	26.733	-0.07	-0.25	0	0.08	1.01	Pass
12/5/2021 12:04 PM	PumpEng1	%	0	0.08	0.08	0	26.8	26.76	-0.04	-0.15	0	0.08	1	Pass
12/5/2021 12:04 PM	PumpEng4	%	0	0.003	0	0.01	26	25.938	-0.06	-0.24	0.01	0	1	Pass
12/6/2021 12:04 PM	PumpEng1	%	0	0.455	0.46	0.01	26.8	26.73	-0.07	-0.26	0	0.46	1.02	Pass
12/6/2021 12:04 PM	PumpEng4	%	0	0.14	0.14	0.01	26	25.938	-0.06	-0.24	0	0.14	1.01	Pass
12/7/2021 12:04 PM	PumpEng1	%	0	-0.973	-0.97	0	26.8	26.738	-0.06	-0.23	0	-0.97	0.97	Pass
12/7/2021 12:04 PM	PumpEng4	%	0	-0.15	-0.15	0.01	26	25.93	-0.07	-0.27	0	-0.15	1	Pass
12/8/2021 12:04 PM	PumpEng4	%	0	0	0	0.01	26	25.943	-0.06	-0.22	0.01	0	1	Pass
12/8/2021 12:04 PM	PumpEng1	%	0	-0.015	-0.02	0.01	26.8	26.735	-0.06	-0.24	0.01	-0.02	1	Pass
12/9/2021 12:04 PM	PumpEng1	%	0	0.033	0.03	0	26.8	26.723	-0.08	-0.29	0	0.03	1	Pass
12/9/2021 12:04 PM	PumpEng4	%	0	-0.02	-0.02	0.01	26	25.93	-0.07	-0.27	0.01	-0.02	1	Pass
12/10/2021 12:04 PM	PumpEng4	%	0	0.048	0.05	0	26	25.93	-0.07	-0.27	0	0.05	1	Pass
12/10/2021 12:04 PM	PumpEng1	%	0	0.225	0.23	0.01	26.8	26.73	-0.07	-0.26	0	0.23	1.01	Pass
12/11/2021 12:04 PM	PumpEng1	%	0	3.378	3.38	0.01	26.8	26.69	-0.11	-0.41	0.01	3.38	1.15	Pass
12/11/2021 12:04 PM	PumpEng4	%	0	0.293	0.29	0	26	25.928	-0.07	-0.28	0	0.29	1.01	Pass
12/12/2021 12:04 PM	PumpEng1	%	0	-4.133	-4.13	0	26.8	26.72	-0.08	-0.3	0	-4.13	0.87	Fail
12/12/2021 12:04 PM	PumpEng4	%	0	-0.353	-0.35	0	26	25.94	-0.06	-0.23	0.01	-0.35	0.99	Pass
12/13/2021 12:04 PM	PumpEng1	%	0	0.063	0.06	0	26.8	26.73	-0.07	-0.26	0	0.06	1	Pass
12/13/2021 12:04 PM	PumpEng4	%	0	-0.02	-0.02	0	26	25.933	-0.07	-0.26	0	-0.02	1	Pass
12/14/2021 12:04 PM	PumpEng4	%	0	-0.018	-0.02	0	26	25.943	-0.06	-0.22	0.01	-0.02	1	Pass
12/14/2021 12:04 PM	PumpEng1	%	0	0.155	0.16	0.01	26.8	26.728	-0.07	-0.27	0	0.16	1.01	Pass
12/15/2021 12:04 PM	PumpEng4	%	0	0.02	0.02	0	26	25.947	-0.05	-0.2	0.01	0.02	1	Pass
12/15/2021 12:04 PM	PumpEng1	%	0	-0.058	-0.06	0	26.8	26.737	-0.06	-0.24	0	-0.06	1	Pass
12/16/2021 12:04 PM	PumpEng1	%	0	0.893	0.89	0	26.8	26.753	-0.05	-0.18	0	0.89	1.04	Pass
12/16/2021 12:04 PM	PumpEng4	%	0	0.205	0.21	0.01	26	25.95	-0.05	-0.19	0	0.21	1.01	Pass
12/17/2021 12:04 PM	PumpEng1	%	0	0.03	0.03	0	26.8	26.75	-0.05	-0.19	0	0.03	1	Pass
12/17/2021 12:04 PM	PumpEng4	%	0	-0.078	-0.08	0	26	25.96	-0.04	-0.15	0	-0.08	1	Pass
12/18/2021 12:04 PM	PumpEng4	%	0	0.035	0.04	0.01	26	25.953	-0.05	-0.18	0	0.04	1	Pass
12/18/2021 12:04 PM	PumpEng1	%	0	-0.355	-0.36	0.01	26.8	26.74	-0.06	-0.22	0	-0.36	0.99	Pass
12/19/2021 12:04 PM	PumpEng1	%	0	-0.02	-0.02	0	26.8	26.73	-0.07	-0.26	0	-0.02	1	Pass
12/19/2021 12:04 PM	PumpEng4	%	0	-0.018	-0.02	0	26	25.947	-0.05	-0.2	0	-0.02	1	Pass
12/20/2021 12:04 PM	PumpEng1	%	0	0.118	0.12	0	26.8	26.733	-0.07	-0.25	0	0.12	1.01	Pass
12/20/2021 12:04 PM	PumpEng4	%	0	-0.033	-0.03	0.01	26	25.943	-0.06	-0.22	0.01	-0.03	1	Pass
12/21/2021 12:04 PM	PumpEng1	%	0	0.033	0.03	0	26.8	26.743	-0.06	-0.21	0	0.03	1	Pass
12/21/2021 12:04 PM	PumpEng4	%	0	0.025	0.03	0.01	26	25.943	-0.06	-0.22	0	0.03	1	Pass
12/22/2021 12:04 PM	PumpEng4	%	0	0.107	0.11	0	26	25.938	-0.06	-0.24	0.01	0.11	1.01	Pass
12/22/2021 12:04 PM	PumpEng1	%	0	0.09	0.09	0	26.8	26.738	-0.06	-0.23	0	0.09	1.01	Pass
12/23/2021 12:04 PM	PumpEng4	%	0	-0.128	-0.13	0	26	25.94	-0.06	-0.23	0.01	-0.13	1	Pass
12/23/2021 12:04 PM	PumpEng1	%	0	-0.305	-0.31	0.01	26.8	26.74	-0.06	-0.22	0	-0.31	0.99	Pass
12/24/2021 12:04 PM	PumpEng1	%	0	0.11	0.11	0	26.8	26.73	-0.07	-0.26	0	0.11	1.01	Pass
12/24/2021 12:04 PM	PumpEng4	%	0	0.077	0.08	0	26	25.933	-0.07	-0.26	0	0.08	1.01	Pass
12/25/2021 12:04 PM	PumpEng1	%	0	0.34	0.34	0	26.8	26.733	-0.07	-0.25	0	0.34	1.02	Pass
12/25/2021 12:04 PM	PumpEng4	%	0	0.095	0.1	0.01	26	25.955	-0.05	-0.17	0.01	0.1	1.01	Pass
12/26/2021 12:04 PM	PumpEng1	%	0	0.078	0.08	0	26.8	26.747	-0.05	-0.2	0	0.08	1	Pass
12/26/2021 12:04 PM	PumpEng4	%	0	-0.095	-0.1	0.01	26	25.957	-0.04	-0.17	0	-0.1	1	Pass
12/27/2021 12:04 PM	PumpEng1	%	0	-0.38	-0.38	0	26.8	26.743	-0.06	-0.21	0	-0.38	0.99	Pass
12/27/2021 12:04 PM	PumpEng4	%	0	-0.058	-0.06	0	26	25.943	-0.06	-0.22	0.01	-0.06	1	Pass
12/28/2021 12:04 PM	PumpEng1	%	0	0.32	0.32	0	26.8	26.72	-0.08	-0.3	0	0.32	1.02	Pass
12/28/2021 12:04 PM	PumpEng4	%	0	0.125	0.13	0.01	26	25.945	-0.06	-0.21	0.01	0.13	1.01	Pass
12/29/2021 12:04 PM	PumpEng4	%	0	0.02	0.02	0	26	25.94	-0.06	-0.23	0.01	0.02	1	Pass
12/29/2021 12:04 PM	PumpEng1	%	0	0.025	0.03	0.01	26.8	26.745	-0.05	-0.21	0.01	0.03	1	Pass
12/30/2021 12:04 PM	PumpEng1	%	0	0.123	0.12	0	26.8	26.75	-0.05	-0.19	0	0.12	1.01	Pass
12/30/2021 12:04 PM	PumpEng4	%	0	0.06	0.06	0	26	25.945	-0.06	-0.21	0.01	0.06	1	Pass
12/31/2021 12:04 PM	PumpEng1	%	0	0.048	0.05	0	26.8	26.757	-0.04	-0.16	0	0.05	1	Pass
12/31/2021 12:04 PM	PumpEng4	%	0	0.047	0.05	0	26	25.95	-0.05	-0.19	0	0.05	1	Pass

**APPENDIX B**  
**6 MINUTES EXCEEDANCES REPORT**



**Opacity Data Summary Report**

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

**Data Group:** Valid Data

**Report Name:** Fourth Quarter 2021

**Start of Report:** 10/1/2021 0:00

**End of Report:** 12/31/2021 23:54 **Validat All Opacity Data**

**MultiStation: 10/01/2021 00:00-12/31/2021 23:59 Type: AVG 6 Mins. Exceedance>=20**



Date Time	Station	Monitor	Units	Value
20/11/2021 00:54	Opacity	Pump Engine 1	%	38.5
20/11/2021 01:00	Opacity	Pump Engine 1	%	39.6
20/11/2021 01:06	Opacity	Pump Engine 1	%	27.7
21/12/2021 23:24	Opacity	Pump Engine 1	%	39.3
21/12/2021 23:30	Opacity	Pump Engine 1	%	37.6
21/12/2021 23:36	Opacity	Pump Engine 1	%	27.2
22/12/2021 06:30	Opacity	Pump Engine 1	%	20.1
22/12/2021 06:36	Opacity	Pump Engine 1	%	32.7
<b>Total Events</b>	<b>8</b>			
27/11/2021 10:18	Opacity	Pump Engine 4	%	31.2
27/11/2021 10:24	Opacity	Pump Engine 4	%	23.7
27/11/2021 18:06	Opacity	Pump Engine 4	%	22.8
27/11/2021 18:12	Opacity	Pump Engine 4	%	20
27/11/2021 18:24	Opacity	Pump Engine 4	%	20.6
23/12/2021 10:00	Opacity	Pump Engine 4	%	22.2
23/12/2021 10:30	Opacity	Pump Engine 4	%	20
23/12/2021 10:36	Opacity	Pump Engine 4	%	21
<b>Total Events</b>	<b>8</b>			



**APPENDIX C**

**6 MINUTES OPACITY DATA**



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 00:00	0.2	4.1
01/10/2021 00:06	0.2	4.1
01/10/2021 00:12	0.1	4.2
01/10/2021 00:18	0.1	4.1
01/10/2021 00:24	0.1	4.1
01/10/2021 00:30	0.1	4.1
01/10/2021 00:36	0.1	4.1
01/10/2021 00:42	0.1	4.1
01/10/2021 00:48	0.1	4
01/10/2021 00:54	0.1	4
01/10/2021 01:00	0.1	4
01/10/2021 01:06	0.1	4
01/10/2021 01:12	0.1	3.9
01/10/2021 01:18	0	3.9
01/10/2021 01:24	0	4
01/10/2021 01:30	0	4
01/10/2021 01:36	0	4
01/10/2021 01:42	0	4
01/10/2021 01:48	0	4
01/10/2021 01:54	0	4
01/10/2021 02:00	0	4
01/10/2021 02:06	0	4
01/10/2021 02:12	0	4
01/10/2021 02:18	0	3.9
01/10/2021 02:24	0	3.9
01/10/2021 02:30	0	4
01/10/2021 02:36	0	4
01/10/2021 02:42	0	4
01/10/2021 02:48	-0.1	4
01/10/2021 02:54	-0.1	4
01/10/2021 03:00	-0.1	4
01/10/2021 03:06	-0.1	4
01/10/2021 03:12	-0.1	4
01/10/2021 03:18	-0.1	4
01/10/2021 03:24	-0.1	4
01/10/2021 03:30	-0.1	4.2
01/10/2021 03:36	-0.1	4.3
01/10/2021 03:42	-0.1	4.2
01/10/2021 03:48	-0.1	4.2
01/10/2021 03:54	-0.1	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 04:00	0	4.2
01/10/2021 04:06	-0.1	4.1
01/10/2021 04:12	-0.1	4.1
01/10/2021 04:18	-0.1	4.1
01/10/2021 04:24	-0.1	4.1
01/10/2021 04:30	-0.1	4.1
01/10/2021 04:36	-0.1	4.1
01/10/2021 04:42	-0.1	4.1
01/10/2021 04:48	0	4.1
01/10/2021 04:54	0	4.1
01/10/2021 05:00	0	4.1
01/10/2021 05:06	-0.1	4.1
01/10/2021 05:12	-0.1	4.1
01/10/2021 05:18	-0.1	4.1
01/10/2021 05:24	-0.1	4.1
01/10/2021 05:30	-0.1	4.1
01/10/2021 05:36	-0.1	4.1
01/10/2021 05:42	-0.1	4.1
01/10/2021 05:48	-0.1	4.1
01/10/2021 05:54	-0.1	4.1
01/10/2021 06:00	-0.1	4.1
01/10/2021 06:06	-0.1	4.1
01/10/2021 06:12	-0.1	4.1
01/10/2021 06:18	-0.1	4.1
01/10/2021 06:24	0	4.1
01/10/2021 06:30	0	4.1
01/10/2021 06:36	0	4.1
01/10/2021 06:42	0	4.1
01/10/2021 06:48	0	4.1
01/10/2021 06:54	0	4.1
01/10/2021 07:00	-0.1	4.1
01/10/2021 07:06	3.8	4.1
01/10/2021 07:12	10	4.1
01/10/2021 07:18	8.3	4.2
01/10/2021 07:24	2.9	4.2
01/10/2021 07:30	1.5	4.2
01/10/2021 07:36	1.2	4.2
01/10/2021 07:42	1	4.2
01/10/2021 07:48	0.9	4.2
01/10/2021 07:54	0.8	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 08:00	0.8	4.2
01/10/2021 08:06	0.9	4.2
01/10/2021 08:12	1	4.2
01/10/2021 08:18	1.2	4.2
01/10/2021 08:24	1.3	4.2
01/10/2021 08:30	1.4	4.2
01/10/2021 08:36	1.4	4.2
01/10/2021 08:42	1.4	4.2
01/10/2021 08:48	1.4	4.2
01/10/2021 08:54	1.3	4.2
01/10/2021 09:00	1.2	4.2
01/10/2021 09:06	1.3	4.2
01/10/2021 09:12	Maintain	Maintain
01/10/2021 09:18	<Samp	<Samp
01/10/2021 09:24	1	4.2
01/10/2021 09:30	1	4.2
01/10/2021 09:36	1	4.2
01/10/2021 09:42	0.9	4.2
01/10/2021 09:48	0.8	4.2
01/10/2021 09:54	0.8	4.2
01/10/2021 10:00	0.7	4.2
01/10/2021 10:06	0.7	4.2
01/10/2021 10:12	0.7	4.2
01/10/2021 10:18	0.7	4.2
01/10/2021 10:24	0.7	4.2
01/10/2021 10:30	0.6	4.2
01/10/2021 10:36	0.6	4.2
01/10/2021 10:42	0.6	4.2
01/10/2021 10:48	0.6	4.3
01/10/2021 10:54	0.5	4.2
01/10/2021 11:00	0.5	4.2
01/10/2021 11:06	0.5	4.2
01/10/2021 11:12	0.5	4.2
01/10/2021 11:18	0.5	4.2
01/10/2021 11:24	0.6	4.2
01/10/2021 11:30	0.6	4.3
01/10/2021 11:36	0.5	4.3
01/10/2021 11:42	0.5	4.2
01/10/2021 11:48	0.5	4.2
01/10/2021 11:54	0.5	4.2

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 12:00	0.5	4.2
01/10/2021 12:06	0.5	4.2
01/10/2021 12:12	0.5	4.2
01/10/2021 12:18	0.5	4.2
01/10/2021 12:24	<Samp	<Samp
01/10/2021 12:30	NoData	NoData
01/10/2021 12:36	NoData	NoData
01/10/2021 12:42	NoData	NoData
01/10/2021 12:48	NoData	NoData
01/10/2021 12:54	NoData	NoData
01/10/2021 13:00	NoData	NoData
01/10/2021 13:06	NoData	NoData
01/10/2021 13:12	NoData	NoData
01/10/2021 13:18	NoData	NoData
01/10/2021 13:24	NoData	NoData
01/10/2021 13:30	NoData	NoData
01/10/2021 13:36	<Samp	<Samp
01/10/2021 13:42	0.4	4.2
01/10/2021 13:48	0.4	4.2
01/10/2021 13:54	0.3	4.1
01/10/2021 14:00	0.3	4.1
01/10/2021 14:06	0.3	4.1
01/10/2021 14:12	0.3	4.1
01/10/2021 14:18	0.3	4.1
01/10/2021 14:24	0.3	4.1
01/10/2021 14:30	0.3	4.1
01/10/2021 14:36	0.3	4.1
01/10/2021 14:42	0.3	4.2
01/10/2021 14:48	0.4	4.1
01/10/2021 14:54	0.3	4.1
01/10/2021 15:00	0.3	4.1
01/10/2021 15:06	0.3	4.1
01/10/2021 15:12	0.4	4.1
01/10/2021 15:18	0.4	4.2
01/10/2021 15:24	0.4	4.1
01/10/2021 15:30	0.3	4.1
01/10/2021 15:36	0.3	4.3
01/10/2021 15:42	0.3	4.4
01/10/2021 15:48	0.4	4.3
01/10/2021 15:54	0.3	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 16:00	0.3	4.3
01/10/2021 16:06	0.3	4.4
01/10/2021 16:12	0.3	4.4
01/10/2021 16:18	0.3	4.3
01/10/2021 16:24	0.3	4.3
01/10/2021 16:30	0.3	4.3
01/10/2021 16:36	0.3	4.3
01/10/2021 16:42	0.3	4.3
01/10/2021 16:48	0.3	4.3
01/10/2021 16:54	0.3	4.3
01/10/2021 17:00	0.3	4.4
01/10/2021 17:06	0.3	4.4
01/10/2021 17:12	0.8	4.5
01/10/2021 17:18	1.1	4.5
01/10/2021 17:24	0.9	4.6
01/10/2021 17:30	0.8	4.5
01/10/2021 17:36	0.8	4.5
01/10/2021 17:42	0.7	4.6
01/10/2021 17:48	0.7	4.6
01/10/2021 17:54	0.7	4.6
01/10/2021 18:00	0.7	4.6
01/10/2021 18:06	0.6	4.6
01/10/2021 18:12	0.6	4.6
01/10/2021 18:18	0.6	4.6
01/10/2021 18:24	0.6	4.6
01/10/2021 18:30	0.5	4.6
01/10/2021 18:36	0.5	4.6
01/10/2021 18:42	0.6	4.6
01/10/2021 18:48	0.5	4.5
01/10/2021 18:54	0.5	4.5
01/10/2021 19:00	0.5	4.5
01/10/2021 19:06	0.5	4.5
01/10/2021 19:12	0.5	4.5
01/10/2021 19:18	0.5	4.5
01/10/2021 19:24	0.5	4.5
01/10/2021 19:30	0.5	4.5
01/10/2021 19:36	0.5	4.5
01/10/2021 19:42	0.5	4.5
01/10/2021 19:48	0.5	4.5
01/10/2021 19:54	0.6	4.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/10/2021 20:00	0.5	4.5
01/10/2021 20:06	0.5	4.5
01/10/2021 20:12	0.5	4.5
01/10/2021 20:18	0.5	4.5
01/10/2021 20:24	0.5	4.6
01/10/2021 20:30	0.4	4.5
01/10/2021 20:36	0.4	4.5
01/10/2021 20:42	0.5	4.5
01/10/2021 20:48	0.5	4.5
01/10/2021 20:54	0.4	4.5
01/10/2021 21:00	0.5	4.5
01/10/2021 21:06	0.5	4.5
01/10/2021 21:12	0.5	4.5
01/10/2021 21:18	0.5	4.5
01/10/2021 21:24	0.5	4.5
01/10/2021 21:30	0.5	4.5
01/10/2021 21:36	0.5	4.5
01/10/2021 21:42	0.5	4.5
01/10/2021 21:48	0.5	4.5
01/10/2021 21:54	0.5	4.5
01/10/2021 22:00	0.5	4.5
01/10/2021 22:06	0.5	4.5
01/10/2021 22:12	0.5	4.5
01/10/2021 22:18	0.5	4.5
01/10/2021 22:24	0.5	4.5
01/10/2021 22:30	0.6	4.5
01/10/2021 22:36	0.5	4.5
01/10/2021 22:42	0.5	4.5
01/10/2021 22:48	0.6	4.5
01/10/2021 22:54	0.6	4.5
01/10/2021 23:00	0.6	4.5
01/10/2021 23:06	0.6	4.5
01/10/2021 23:12	0.6	4.5
01/10/2021 23:18	0.6	4.5
01/10/2021 23:24	0.6	4.5
01/10/2021 23:30	0.5	4.4
01/10/2021 23:36	0.4	4.2
01/10/2021 23:42	-0.3	4
01/10/2021 23:48	-0.8	3.9
01/10/2021 23:54	-0.8	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/10/2021 00:00	-0.7	3.9
02/10/2021 00:06	-0.7	3.9
02/10/2021 00:12	-0.6	3.9
02/10/2021 00:18	-0.6	3.9
02/10/2021 00:24	-0.5	3.9
02/10/2021 00:30	-0.5	3.9
02/10/2021 00:36	-0.5	4
02/10/2021 00:42	-0.4	3.9
02/10/2021 00:48	-0.3	3.9
02/10/2021 00:54	-0.3	4
02/10/2021 01:00	-0.2	4
02/10/2021 01:06	-0.2	4
02/10/2021 01:12	-0.2	4
02/10/2021 01:18	-0.2	3.9
02/10/2021 01:24	-0.1	3.9
02/10/2021 01:30	-0.1	3.9
02/10/2021 01:36	-0.1	3.9
02/10/2021 01:42	-0.1	3.9
02/10/2021 01:48	-0.1	3.9
02/10/2021 01:54	-0.1	3.9
02/10/2021 02:00	-0.1	4
02/10/2021 02:06	-0.1	3.9
02/10/2021 02:12	-0.1	3.9
02/10/2021 02:18	-0.1	3.9
02/10/2021 02:24	-0.1	3.9
02/10/2021 02:30	0	3.9
02/10/2021 02:36	0	3.9
02/10/2021 02:42	0	3.9
02/10/2021 02:48	0	3.9
02/10/2021 02:54	0	3.9
02/10/2021 03:00	0	3.9
02/10/2021 03:06	0	3.9
02/10/2021 03:12	0	3.9
02/10/2021 03:18	0	3.9
02/10/2021 03:24	0	3.9
02/10/2021 03:30	0	4
02/10/2021 03:36	0	4
02/10/2021 03:42	0	4
02/10/2021 03:48	0	3.9
02/10/2021 03:54	0.1	3.9



## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
02/10/2021 04:00	0	3.9
02/10/2021 04:06	0	4
02/10/2021 04:12	0	3.9
02/10/2021 04:18	0.1	3.9
02/10/2021 04:24	0.1	3.9
02/10/2021 04:30	0.1	3.9
02/10/2021 04:36	0.1	3.9
02/10/2021 04:42	0.2	3.9
02/10/2021 04:48	0.1	3.9
02/10/2021 04:54	0.2	3.9
02/10/2021 05:00	0.2	4
02/10/2021 05:06	0.2	4
02/10/2021 05:12	0.1	4
02/10/2021 05:18	0.1	4
02/10/2021 05:24	0.2	4
02/10/2021 05:30	0.2	4
02/10/2021 05:36	0.2	4
02/10/2021 05:42	0.2	4
02/10/2021 05:48	0.2	4
02/10/2021 05:54	0.2	3.9
02/10/2021 06:00	0.2	4
02/10/2021 06:06	0.2	3.9
02/10/2021 06:12	0.1	3.9
02/10/2021 06:18	0.2	3.9
02/10/2021 06:24	0.2	3.9
02/10/2021 06:30	0.2	3.9
02/10/2021 06:36	0.2	4
02/10/2021 06:42	0.2	4
02/10/2021 06:48	0.2	4
02/10/2021 06:54	0.2	3.9
02/10/2021 07:00	0.1	3.9
02/10/2021 07:06	0.1	3.9
02/10/2021 07:12	0	3.9
02/10/2021 07:18	0	3.9
02/10/2021 07:24	0	3.9
02/10/2021 07:30	0	3.9
02/10/2021 07:36	-0.1	3.9
02/10/2021 07:42	-0.1	3.9
02/10/2021 07:48	-0.1	3.9
02/10/2021 07:54	-0.1	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/10/2021 08:00	-0.1	3.9
02/10/2021 08:06	-0.1	3.9
02/10/2021 08:12	-0.2	3.9
02/10/2021 08:18	-0.2	3.9
02/10/2021 08:24	-0.1	3.9
02/10/2021 08:30	-0.1	3.9
02/10/2021 08:36	-0.1	3.9
02/10/2021 08:42	-0.1	3.9
02/10/2021 08:48	0	3.9
02/10/2021 08:54	0	4
02/10/2021 09:00	0.1	3.9
02/10/2021 09:06	0.1	3.9
02/10/2021 09:12	0.2	3.9
02/10/2021 09:18	0.2	3.9
02/10/2021 09:24	0.2	3.9
02/10/2021 09:30	0.3	3.9
02/10/2021 09:36	0.3	4
02/10/2021 09:42	0.3	4
02/10/2021 09:48	0.3	3.9
02/10/2021 09:54	0.3	3.9
02/10/2021 10:00	0.3	3.9
02/10/2021 10:06	0.4	3.9
02/10/2021 10:12	0.4	3.9
02/10/2021 10:18	0.4	3.9
02/10/2021 10:24	0.4	3.9
02/10/2021 10:30	0.4	3.9
02/10/2021 10:36	0.5	3.9
02/10/2021 10:42	0.5	3.9
02/10/2021 10:48	0.5	3.9
02/10/2021 10:54	0.4	3.9
02/10/2021 11:00	0.4	3.9
02/10/2021 11:06	0.4	3.9
02/10/2021 11:12	0.3	3.9
02/10/2021 11:18	0.3	3.9
02/10/2021 11:24	0.3	3.8
02/10/2021 11:30	0.3	3.8
02/10/2021 11:36	0.2	3.9
02/10/2021 11:42	0.3	3.9
02/10/2021 11:48	0.2	3.9
02/10/2021 11:54	0.2	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/10/2021 12:00	0.2	3.9
02/10/2021 12:06	0.2	3.9
02/10/2021 12:12	0.2	3.9
02/10/2021 12:18	0.2	3.9
02/10/2021 12:24	0.2	3.9
02/10/2021 12:30	0.3	3.9
02/10/2021 12:36	0.3	3.9
02/10/2021 12:42	0.4	3.9
02/10/2021 12:48	0.4	4
02/10/2021 12:54	0.5	4.1
02/10/2021 13:00	0.5	4
02/10/2021 13:06	0.5	4
02/10/2021 13:12	0.5	4
02/10/2021 13:18	0.6	4
02/10/2021 13:24	0.6	3.9
02/10/2021 13:30	0.6	4
02/10/2021 13:36	0.6	3.9
02/10/2021 13:42	0.7	3.9
02/10/2021 13:48	0.7	3.9
02/10/2021 13:54	0.7	3.9
02/10/2021 14:00	0.7	3.9
02/10/2021 14:06	0.7	3.9
02/10/2021 14:12	0.7	3.9
02/10/2021 14:18	0.7	3.9
02/10/2021 14:24	0.7	3.9
02/10/2021 14:30	0.7	3.9
02/10/2021 14:36	0.6	3.9
02/10/2021 14:42	0.6	3.9
02/10/2021 14:48	0.6	3.9
02/10/2021 14:54	0.5	3.9
02/10/2021 15:00	0.5	3.9
02/10/2021 15:06	0.4	3.9
02/10/2021 15:12	0.4	3.9
02/10/2021 15:18	0.3	4
02/10/2021 15:24	0.3	3.9
02/10/2021 15:30	0.3	3.9
02/10/2021 15:36	0.4	3.9
02/10/2021 15:42	0.4	3.9
02/10/2021 15:48	0.4	3.9
02/10/2021 15:54	0.4	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/10/2021 16:00	0.4	4.4
02/10/2021 16:06	0.4	4.3
02/10/2021 16:12	0.5	4.3
02/10/2021 16:18	0.5	4.3
02/10/2021 16:24	0.5	4.2
02/10/2021 16:30	0.5	4.2
02/10/2021 16:36	0.5	4.2
02/10/2021 16:42	0.6	4.3
02/10/2021 16:48	0.6	4.3
02/10/2021 16:54	0.6	4.3
02/10/2021 17:00	0.6	4.2
02/10/2021 17:06	0.6	4.3
02/10/2021 17:12	0.7	4.3
02/10/2021 17:18	0.7	4.3
02/10/2021 17:24	0.7	4.3
02/10/2021 17:30	0.7	4.3
02/10/2021 17:36	0.8	4.2
02/10/2021 17:42	0.8	4.3
02/10/2021 17:48	0.8	4.3
02/10/2021 17:54	0.8	4.3
02/10/2021 18:00	0.8	4.3
02/10/2021 18:06	0.8	4.3
02/10/2021 18:12	0.8	4.3
02/10/2021 18:18	0.8	4.3
02/10/2021 18:24	0.8	4.3
02/10/2021 18:30	0.8	4.3
02/10/2021 18:36	0.8	4.3
02/10/2021 18:42	0.8	4.3
02/10/2021 18:48	0.8	4.3
02/10/2021 18:54	0.8	4.3
02/10/2021 19:00	0.8	4.3
02/10/2021 19:06	0.8	4.3
02/10/2021 19:12	0.8	4.3
02/10/2021 19:18	0.8	4.3
02/10/2021 19:24	0.8	4.3
02/10/2021 19:30	0.8	4.3
02/10/2021 19:36	0.8	4.3
02/10/2021 19:42	0.7	4.3
02/10/2021 19:48	0.7	4.3
02/10/2021 19:54	0.7	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/10/2021 20:00	0.7	4.3
02/10/2021 20:06	0.7	4.3
02/10/2021 20:12	0.7	4.3
02/10/2021 20:18	0.7	4.3
02/10/2021 20:24	0.7	4.3
02/10/2021 20:30	0.7	4.3
02/10/2021 20:36	0.7	4.3
02/10/2021 20:42	0.7	4.3
02/10/2021 20:48	0.7	4.3
02/10/2021 20:54	0.7	4.3
02/10/2021 21:00	0.7	4.3
02/10/2021 21:06	0.7	4.3
02/10/2021 21:12	0.7	4.3
02/10/2021 21:18	0.7	4.3
02/10/2021 21:24	0.7	4.3
02/10/2021 21:30	0.7	4.3
02/10/2021 21:36	0.7	4.3
02/10/2021 21:42	0.7	4.3
02/10/2021 21:48	0.7	4.3
02/10/2021 21:54	0.7	4.3
02/10/2021 22:00	0.7	4.3
02/10/2021 22:06	0.7	4.3
02/10/2021 22:12	0.7	4.3
02/10/2021 22:18	0.7	4.3
02/10/2021 22:24	0.7	4.3
02/10/2021 22:30	0.7	4.3
02/10/2021 22:36	0.7	4.3
02/10/2021 22:42	0.7	4.3
02/10/2021 22:48	0.6	4.3
02/10/2021 22:54	0.6	4.3
02/10/2021 23:00	0.6	4.3
02/10/2021 23:06	0.7	4.3
02/10/2021 23:12	0.6	4.2
02/10/2021 23:18	0.6	4
02/10/2021 23:24	0.6	4
02/10/2021 23:30	0.6	4.1
02/10/2021 23:36	0.6	4.1
02/10/2021 23:42	0.6	4.1
02/10/2021 23:48	0.6	4.1
02/10/2021 23:54	0.6	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/10/2021 00:00	0.6	4.1
03/10/2021 00:06	0.6	4.1
03/10/2021 00:12	0.6	4.1
03/10/2021 00:18	0.5	4.1
03/10/2021 00:24	0.5	4.1
03/10/2021 00:30	0.6	4.1
03/10/2021 00:36	0.6	4.1
03/10/2021 00:42	0.5	4.1
03/10/2021 00:48	0.5	4.1
03/10/2021 00:54	0.5	4.1
03/10/2021 01:00	0.5	4.1
03/10/2021 01:06	0.5	4.1
03/10/2021 01:12	0.5	4.1
03/10/2021 01:18	0.5	4.1
03/10/2021 01:24	0.5	4
03/10/2021 01:30	0.5	3.9
03/10/2021 01:36	0.5	3.9
03/10/2021 01:42	0.5	3.9
03/10/2021 01:48	0.5	3.9
03/10/2021 01:54	0.5	3.9
03/10/2021 02:00	0.5	3.9
03/10/2021 02:06	0.5	3.9
03/10/2021 02:12	0.5	3.9
03/10/2021 02:18	0.5	3.9
03/10/2021 02:24	0.5	3.9
03/10/2021 02:30	0.5	3.9
03/10/2021 02:36	0.5	3.9
03/10/2021 02:42	0.5	3.9
03/10/2021 02:48	0.4	3.9
03/10/2021 02:54	0.4	3.9
03/10/2021 03:00	0.4	4
03/10/2021 03:06	0.4	3.9
03/10/2021 03:12	0.4	3.9
03/10/2021 03:18	0.4	4
03/10/2021 03:24	0.4	3.9
03/10/2021 03:30	0.4	4
03/10/2021 03:36	0.4	4
03/10/2021 03:42	0.4	3.9
03/10/2021 03:48	0.4	3.9
03/10/2021 03:54	0.4	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/10/2021 04:00	0.4	3.9
03/10/2021 04:06	0.4	3.9
03/10/2021 04:12	0.4	4
03/10/2021 04:18	0.3	4
03/10/2021 04:24	0.3	4
03/10/2021 04:30	0.3	4
03/10/2021 04:36	0.4	4
03/10/2021 04:42	0.3	4
03/10/2021 04:48	0.3	4
03/10/2021 04:54	0.3	4
03/10/2021 05:00	0.3	4
03/10/2021 05:06	0.3	3.9
03/10/2021 05:12	0.3	3.9
03/10/2021 05:18	0.3	4
03/10/2021 05:24	0.3	4
03/10/2021 05:30	0.3	4
03/10/2021 05:36	0.3	4
03/10/2021 05:42	0.3	4
03/10/2021 05:48	0.3	4
03/10/2021 05:54	0.3	4
03/10/2021 06:00	0.3	3.9
03/10/2021 06:06	0.3	3.9
03/10/2021 06:12	0.3	3.9
03/10/2021 06:18	0.3	4
03/10/2021 06:24	0.3	4
03/10/2021 06:30	0.3	4
03/10/2021 06:36	0.3	4
03/10/2021 06:42	0.3	3.9
03/10/2021 06:48	0.2	3.9
03/10/2021 06:54	0.2	3.9
03/10/2021 07:00	0.1	3.9
03/10/2021 07:06	0.1	3.9
03/10/2021 07:12	0.1	3.9
03/10/2021 07:18	0.1	3.9
03/10/2021 07:24	0	3.9
03/10/2021 07:30	0	3.9
03/10/2021 07:36	0	3.9
03/10/2021 07:42	0	3.9
03/10/2021 07:48	0	4.1
03/10/2021 07:54	0	4.3

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
03/10/2021 08:00	0	4.3
03/10/2021 08:06	-0.1	4.2
03/10/2021 08:12	-0.1	4.2
03/10/2021 08:18	-0.1	4.2
03/10/2021 08:24	0	4.2
03/10/2021 08:30	0	4.2
03/10/2021 08:36	0	4.2
03/10/2021 08:42	0	4.2
03/10/2021 08:48	0	4.2
03/10/2021 08:54	0	4.2
03/10/2021 09:00	0	4.2
03/10/2021 09:06	0.1	4.2
03/10/2021 09:12	0.1	4.2
03/10/2021 09:18	0.2	4.2
03/10/2021 09:24	0.2	4.2
03/10/2021 09:30	0.2	4.2
03/10/2021 09:36	0.2	4.2
03/10/2021 09:42	0.2	4.2
03/10/2021 09:48	0.2	4.2
03/10/2021 09:54	0.3	4.2
03/10/2021 10:00	0.3	4.2
03/10/2021 10:06	0.3	4.2
03/10/2021 10:12	0.3	4.2
03/10/2021 10:18	0.3	4.2
03/10/2021 10:24	0.3	4.2
03/10/2021 10:30	0.3	4.2
03/10/2021 10:36	0.4	4.2
03/10/2021 10:42	0.4	4.2
03/10/2021 10:48	0.4	4.2
03/10/2021 10:54	0.3	4.2
03/10/2021 11:00	0.3	4.2
03/10/2021 11:06	0.3	4.2
03/10/2021 11:12	0.2	4.2
03/10/2021 11:18	0.3	4.2
03/10/2021 11:24	0.3	4.2
03/10/2021 11:30	0.3	4.2
03/10/2021 11:36	0.3	4.2
03/10/2021 11:42	0.4	4.2
03/10/2021 11:48	0.4	4.2
03/10/2021 11:54	0.4	4.2



## 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 4
	%	%
03/10/2021 12:00	0.4	4.2
03/10/2021 12:06	0.3	4.2
03/10/2021 12:12	0.2	4.2
03/10/2021 12:18	0.2	4.2
03/10/2021 12:24	0.2	4.2
03/10/2021 12:30	0.2	4.3
03/10/2021 12:36	0.3	4.3
03/10/2021 12:42	0.3	4.2
03/10/2021 12:48	0.3	4.1
03/10/2021 12:54	0.4	3.9
03/10/2021 13:00	0.4	3.9
03/10/2021 13:06	0.4	3.9
03/10/2021 13:12	0.4	3.9
03/10/2021 13:18	0.4	4
03/10/2021 13:24	0.5	3.9
03/10/2021 13:30	0.5	3.9
03/10/2021 13:36	0.5	3.9
03/10/2021 13:42	0.5	3.9
03/10/2021 13:48	0.5	3.9
03/10/2021 13:54	0.5	3.9
03/10/2021 14:00	0.5	3.9
03/10/2021 14:06	0.5	3.9
03/10/2021 14:12	0.5	3.9
03/10/2021 14:18	0.5	3.9
03/10/2021 14:24	0.5	3.9
03/10/2021 14:30	0.5	3.9
03/10/2021 14:36	0.5	4
03/10/2021 14:42	0.5	4
03/10/2021 14:48	0.5	4
03/10/2021 14:54	0.5	4
03/10/2021 15:00	0.5	4
03/10/2021 15:06	0.5	4
03/10/2021 15:12	0.5	4
03/10/2021 15:18	0.4	4
03/10/2021 15:24	0.4	4
03/10/2021 15:30	0.5	4
03/10/2021 15:36	0.5	4
03/10/2021 15:42	0.5	4
03/10/2021 15:48	0.5	4
03/10/2021 15:54	0.5	4.2

## Opacity Data Summary Report

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 North River Wastewater Resource Recovery Facility  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/10/2021 16:00	0.5	4.4
03/10/2021 16:06	0.5	4.4
03/10/2021 16:12	0.5	4.4
03/10/2021 16:18	0.5	4.3
03/10/2021 16:24	0.5	4.3
03/10/2021 16:30	0.5	4.3
03/10/2021 16:36	0.5	4.3
03/10/2021 16:42	0.5	4.3
03/10/2021 16:48	0.6	4.3
03/10/2021 16:54	0.6	4.4
03/10/2021 17:00	0.6	4.4
03/10/2021 17:06	0.6	4.4
03/10/2021 17:12	0.6	4.4
03/10/2021 17:18	0.6	4.4
03/10/2021 17:24	0.6	4.4
03/10/2021 17:30	0.6	4.4
03/10/2021 17:36	0.6	4.4
03/10/2021 17:42	0.6	4.4
03/10/2021 17:48	0.6	4.4
03/10/2021 17:54	0.6	4.4
03/10/2021 18:00	0.6	4.4
03/10/2021 18:06	0.6	4.3
03/10/2021 18:12	0.6	4.2
03/10/2021 18:18	0.6	4.2
03/10/2021 18:24	0.6	4.2
03/10/2021 18:30	0.6	4.3
03/10/2021 18:36	0.6	4.2
03/10/2021 18:42	0.6	4.1
03/10/2021 18:48	0.6	4
03/10/2021 18:54	0.6	4
03/10/2021 19:00	0.5	4
03/10/2021 19:06	0.5	4
03/10/2021 19:12	0.5	4
03/10/2021 19:18	0.6	4
03/10/2021 19:24	0.5	4
03/10/2021 19:30	0.5	4
03/10/2021 19:36	0.5	4
03/10/2021 19:42	0.5	4
03/10/2021 19:48	0.5	4
03/10/2021 19:54	0.6	4.1

## 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 4
	%	%
03/10/2021 20:00	0.6	4.1
03/10/2021 20:06	0.6	4
03/10/2021 20:12	0.6	4
03/10/2021 20:18	0.6	4
03/10/2021 20:24	0.6	4
03/10/2021 20:30	0.5	4
03/10/2021 20:36	0.6	4
03/10/2021 20:42	0.6	4
03/10/2021 20:48	0.6	4
03/10/2021 20:54	6.5	4
03/10/2021 21:00	7.1	4
03/10/2021 21:06	1.9	4
03/10/2021 21:12	2.1	4
03/10/2021 21:18	2.1	4
03/10/2021 21:24	2	4.1
03/10/2021 21:30	1.7	4.2
03/10/2021 21:36	1.5	4
03/10/2021 21:42	1.3	4
03/10/2021 21:48	1.1	4
03/10/2021 21:54	1	4
03/10/2021 22:00	0.9	4
03/10/2021 22:06	0.8	4
03/10/2021 22:12	0.7	4.2
03/10/2021 22:18	0.6	4.3
03/10/2021 22:24	0.6	4.3
03/10/2021 22:30	0.5	4.2
03/10/2021 22:36	0.5	4.2
03/10/2021 22:42	0.5	4.2
03/10/2021 22:48	0.4	4.2
03/10/2021 22:54	0.4	4.2
03/10/2021 23:00	0.4	4.2
03/10/2021 23:06	0.4	4.2
03/10/2021 23:12	0.4	4.2
03/10/2021 23:18	0.4	4.1
03/10/2021 23:24	0.4	4.1
03/10/2021 23:30	0.4	4.2
03/10/2021 23:36	0.3	4.2
03/10/2021 23:42	0.3	4.1
03/10/2021 23:48	0.3	4.1
03/10/2021 23:54	0.3	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 00:00	0.3	4.1
04/10/2021 00:06	0.3	4.1
04/10/2021 00:12	0.3	4.2
04/10/2021 00:18	0.3	4.2
04/10/2021 00:24	0.3	4.2
04/10/2021 00:30	0.3	4.2
04/10/2021 00:36	0.3	4.2
04/10/2021 00:42	0.3	4.2
04/10/2021 00:48	0.3	4.3
04/10/2021 00:54	0.3	4.3
04/10/2021 01:00	0.3	4.3
04/10/2021 01:06	0.3	4.3
04/10/2021 01:12	0.3	4.3
04/10/2021 01:18	0.3	4.4
04/10/2021 01:24	0.3	4.4
04/10/2021 01:30	0.3	4.3
04/10/2021 01:36	0.3	4.3
04/10/2021 01:42	0.3	4.4
04/10/2021 01:48	0.3	4.4
04/10/2021 01:54	0.3	4.4
04/10/2021 02:00	0.3	4.4
04/10/2021 02:06	0.3	4.5
04/10/2021 02:12	0.3	4.5
04/10/2021 02:18	0.3	4.5
04/10/2021 02:24	0.3	4.5
04/10/2021 02:30	0.3	4.5
04/10/2021 02:36	0.3	4.5
04/10/2021 02:42	0.3	4.5
04/10/2021 02:48	0.3	4.6
04/10/2021 02:54	0.3	4.6
04/10/2021 03:00	0.3	4.5
04/10/2021 03:06	0.3	4.5
04/10/2021 03:12	0.3	4.5
04/10/2021 03:18	0.3	4.5
04/10/2021 03:24	0.3	4.6
04/10/2021 03:30	0.3	4.5
04/10/2021 03:36	0.3	4.5
04/10/2021 03:42	0.3	4.4
04/10/2021 03:48	0.3	4.2
04/10/2021 03:54	0.3	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 04:00	0.3	4.1
04/10/2021 04:06	0.3	4.2
04/10/2021 04:12	0.4	4.4
04/10/2021 04:18	0.4	4.5
04/10/2021 04:24	0.4	4.5
04/10/2021 04:30	0.4	4.5
04/10/2021 04:36	0.4	4.4
04/10/2021 04:42	0.4	4.4
04/10/2021 04:48	0.4	4.4
04/10/2021 04:54	0.4	4.3
04/10/2021 05:00	0.4	4.3
04/10/2021 05:06	0.4	4.3
04/10/2021 05:12	0.4	4.3
04/10/2021 05:18	0.3	4.3
04/10/2021 05:24	0.3	4.3
04/10/2021 05:30	0.3	4.3
04/10/2021 05:36	9.5	4.4
04/10/2021 05:42	13.9	4.5
04/10/2021 05:48	4.7	4.5
04/10/2021 05:54	1.9	4.5
04/10/2021 06:00	1.3	4.4
04/10/2021 06:06	1	4.4
04/10/2021 06:12	0.9	4.4
04/10/2021 06:18	0.9	4.4
04/10/2021 06:24	0.9	4.4
04/10/2021 06:30	1	4.4
04/10/2021 06:36	1.1	4.4
04/10/2021 06:42	1.1	4.4
04/10/2021 06:48	1.2	4.4
04/10/2021 06:54	1.3	4.4
04/10/2021 07:00	1.4	4.4
04/10/2021 07:06	1.3	4.4
04/10/2021 07:12	1.2	4.4
04/10/2021 07:18	1.2	4.4
04/10/2021 07:24	1.3	4.4
04/10/2021 07:30	1.2	4.4
04/10/2021 07:36	1.1	4.4
04/10/2021 07:42	1	4.4
04/10/2021 07:48	1	4.4
04/10/2021 07:54	0.9	4.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 08:00	0.9	4.4
04/10/2021 08:06	0.8	4.4
04/10/2021 08:12	0.7	4.5
04/10/2021 08:18	0.6	4.5
04/10/2021 08:24	0.5	4.5
04/10/2021 08:30	0.5	4.5
04/10/2021 08:36	0.5	4.4
04/10/2021 08:42	0.5	4.3
04/10/2021 08:48	0.4	4.2
04/10/2021 08:54	0.5	4.2
04/10/2021 09:00	0.6	4.2
04/10/2021 09:06	0.7	4.2
04/10/2021 09:12	0.7	4.2
04/10/2021 09:18	0.7	4.2
04/10/2021 09:24	0.7	4.2
04/10/2021 09:30	0.7	4.2
04/10/2021 09:36	0.7	4.2
04/10/2021 09:42	0.7	4.2
04/10/2021 09:48	0.8	4.2
04/10/2021 09:54	0.8	4.2
04/10/2021 10:00	0.8	4.2
04/10/2021 10:06	0.7	4.2
04/10/2021 10:12	0.5	4.2
04/10/2021 10:18	0.4	4.2
04/10/2021 10:24	0.4	4.2
04/10/2021 10:30	0.4	4.2
04/10/2021 10:36	0.4	4.2
04/10/2021 10:42	0.5	4.2
04/10/2021 10:48	0.5	4.2
04/10/2021 10:54	0.5	4.2
04/10/2021 11:00	0.5	4.2
04/10/2021 11:06	0.5	4.2
04/10/2021 11:12	0.5	4.2
04/10/2021 11:18	0.4	4.2
04/10/2021 11:24	0.4	4.2
04/10/2021 11:30	0.5	4.2
04/10/2021 11:36	0.5	4.2
04/10/2021 11:42	0.4	4.2
04/10/2021 11:48	0.5	4.2
04/10/2021 11:54	0.5	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 12:00	0.4	4.2
04/10/2021 12:06	0.4	4
04/10/2021 12:12	0.4	4.1
04/10/2021 12:18	0.4	4.1
04/10/2021 12:24	0.5	4.1
04/10/2021 12:30	0.3	4.1
04/10/2021 12:36	0	4.2
04/10/2021 12:42	-0.1	4.3
04/10/2021 12:48	0	4.2
04/10/2021 12:54	0	4.2
04/10/2021 13:00	0	4.2
04/10/2021 13:06	0	4.2
04/10/2021 13:12	0	4.2
04/10/2021 13:18	0	4.2
04/10/2021 13:24	0	4.2
04/10/2021 13:30	0	4.2
04/10/2021 13:36	0	4.2
04/10/2021 13:42	0	4.2
04/10/2021 13:48	0	4.2
04/10/2021 13:54	0	4.2
04/10/2021 14:00	0	4.2
04/10/2021 14:06	0	4.2
04/10/2021 14:12	0	4.2
04/10/2021 14:18	0	4.2
04/10/2021 14:24	0	4.2
04/10/2021 14:30	0	4.2
04/10/2021 14:36	0.1	4.2
04/10/2021 14:42	0.1	4.2
04/10/2021 14:48	0.1	4.2
04/10/2021 14:54	0.1	4.2
04/10/2021 15:00	0.1	4.2
04/10/2021 15:06	0.1	4.2
04/10/2021 15:12	0.1	4.2
04/10/2021 15:18	0.1	4.2
04/10/2021 15:24	0.1	4.2
04/10/2021 15:30	0.1	4.2
04/10/2021 15:36	0.1	4.2
04/10/2021 15:42	0.1	4.3
04/10/2021 15:48	0.1	4.3
04/10/2021 15:54	0.1	4.3

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 New York, NY 10031  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 16:00	0.2	4.3
04/10/2021 16:06	0.2	4.3
04/10/2021 16:12	0.1	4.3
04/10/2021 16:18	0.2	4.3
04/10/2021 16:24	0.2	4.3
04/10/2021 16:30	0.2	4.4
04/10/2021 16:36	0.2	4.4
04/10/2021 16:42	0.2	4.4
04/10/2021 16:48	0.2	4.4
04/10/2021 16:54	0.1	4.4
04/10/2021 17:00	0.1	4.3
04/10/2021 17:06	0.1	4.3
04/10/2021 17:12	0.1	4.3
04/10/2021 17:18	0.1	4.3
04/10/2021 17:24	0.1	4.3
04/10/2021 17:30	0.2	4.3
04/10/2021 17:36	0.2	4.5
04/10/2021 17:42	0.5	4.5
04/10/2021 17:48	1.6	4.4
04/10/2021 17:54	1.9	4.4
04/10/2021 18:00	1.3	4.4
04/10/2021 18:06	1	4.3
04/10/2021 18:12	0.9	4.3
04/10/2021 18:18	0.8	4.3
04/10/2021 18:24	0.8	4.3
04/10/2021 18:30	0.7	4.3
04/10/2021 18:36	0.4	4.3
04/10/2021 18:42	0.2	4.3
04/10/2021 18:48	0.2	4.3
04/10/2021 18:54	0.1	4.2
04/10/2021 19:00	0.1	4.2
04/10/2021 19:06	0	4.2
04/10/2021 19:12	0	4.2
04/10/2021 19:18	0.1	4.2
04/10/2021 19:24	0	4.2
04/10/2021 19:30	0.1	4.2
04/10/2021 19:36	0	4.2
04/10/2021 19:42	0	4.2
04/10/2021 19:48	0	4.2
04/10/2021 19:54	0	4.2



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/10/2021 20:00	0	4.2
04/10/2021 20:06	-0.2	4.2
04/10/2021 20:12	-0.3	4.2
04/10/2021 20:18	-0.3	4.2
04/10/2021 20:24	-0.3	4.2
04/10/2021 20:30	-0.2	4.2
04/10/2021 20:36	-0.2	4.2
04/10/2021 20:42	-0.2	6.1
04/10/2021 20:48	-0.2	5.9
04/10/2021 20:54	-0.2	3.8
04/10/2021 21:00	-0.2	3.7
04/10/2021 21:06	-0.5	3.7
04/10/2021 21:12	-0.7	3.8
04/10/2021 21:18	-0.7	3.7
04/10/2021 21:24	-0.6	3.7
04/10/2021 21:30	-0.6	3.7
04/10/2021 21:36	-0.6	3.7
04/10/2021 21:42	-0.5	3.6
04/10/2021 21:48	-0.5	3.7
04/10/2021 21:54	-0.5	3.7
04/10/2021 22:00	-0.4	3.7
04/10/2021 22:06	-0.5	3.7
04/10/2021 22:12	-0.5	3.7
04/10/2021 22:18	-0.5	3.6
04/10/2021 22:24	-0.3	3.6
04/10/2021 22:30	-0.3	3.7
04/10/2021 22:36	-0.3	3.6
04/10/2021 22:42	-0.3	3.3
04/10/2021 22:48	-0.3	3.1
04/10/2021 22:54	-0.3	3.8
04/10/2021 23:00	-0.3	4.4
04/10/2021 23:06	-0.3	4.1
04/10/2021 23:12	-0.3	4.1
04/10/2021 23:18	-0.3	4.1
04/10/2021 23:24	-0.3	4.1
04/10/2021 23:30	-0.2	4
04/10/2021 23:36	-0.2	4
04/10/2021 23:42	-0.3	4.1
04/10/2021 23:48	-0.2	4
04/10/2021 23:54	-0.2	4

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/10/2021 00:00	-0.2	4
05/10/2021 00:06	-0.2	4
05/10/2021 00:12	-0.2	4
05/10/2021 00:18	-0.2	4
05/10/2021 00:24	-0.2	4
05/10/2021 00:30	-0.1	4
05/10/2021 00:36	-0.2	4
05/10/2021 00:42	-0.2	4
05/10/2021 00:48	-0.1	4
05/10/2021 00:54	-0.1	4
05/10/2021 01:00	-0.1	4
05/10/2021 01:06	-0.1	4
05/10/2021 01:12	-0.1	4
05/10/2021 01:18	-0.2	4
05/10/2021 01:24	-0.2	4
05/10/2021 01:30	-0.1	4
05/10/2021 01:36	-0.1	4
05/10/2021 01:42	-0.1	4
05/10/2021 01:48	-0.1	4
05/10/2021 01:54	-0.1	4
05/10/2021 02:00	-0.1	4
05/10/2021 02:06	-0.1	4
05/10/2021 02:12	-0.1	4
05/10/2021 02:18	-0.1	4
05/10/2021 02:24	-0.1	4
05/10/2021 02:30	-0.1	4
05/10/2021 02:36	-0.1	4
05/10/2021 02:42	-0.1	4
05/10/2021 02:48	-0.1	3.9
05/10/2021 02:54	-0.1	4
05/10/2021 03:00	-0.1	4
05/10/2021 03:06	0	4
05/10/2021 03:12	0	4
05/10/2021 03:18	0	4
05/10/2021 03:24	-0.1	4
05/10/2021 03:30	-0.1	4
05/10/2021 03:36	0	4
05/10/2021 03:42	-0.1	4
05/10/2021 03:48	-0.1	4
05/10/2021 03:54	-0.1	4

## Opacity Data Summary Report

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



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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/10/2021 04:00	0	4
05/10/2021 04:06	0	4
05/10/2021 04:12	0	4
05/10/2021 04:18	0	4
05/10/2021 04:24	0	4
05/10/2021 04:30	0	4
05/10/2021 04:36	0	4
05/10/2021 04:42	0	4
05/10/2021 04:48	-0.1	4
05/10/2021 04:54	0	4
05/10/2021 05:00	0	4
05/10/2021 05:06	0	4
05/10/2021 05:12	0	4
05/10/2021 05:18	0	4
05/10/2021 05:24	0	4
05/10/2021 05:30	0	4
05/10/2021 05:36	0	4
05/10/2021 05:42	0	4
05/10/2021 05:48	0	4
05/10/2021 05:54	0	3.9
05/10/2021 06:00	0	4
05/10/2021 06:06	0	4
05/10/2021 06:12	0	4
05/10/2021 06:18	0	4
05/10/2021 06:24	0	4
05/10/2021 06:30	0	4.1
05/10/2021 06:36	0	4.2
05/10/2021 06:42	0	4.2
05/10/2021 06:48	0	4.2
05/10/2021 06:54	0	4.2
05/10/2021 07:00	0	4.2
05/10/2021 07:06	0	4.2
05/10/2021 07:12	0.1	4.2
05/10/2021 07:18	0.1	4.2
05/10/2021 07:24	0.1	4.2
05/10/2021 07:30	0.1	4.2
05/10/2021 07:36	0	4.2
05/10/2021 07:42	0	4.2
05/10/2021 07:48	0.1	4.2
05/10/2021 07:54	0	4.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
05/10/2021 08:00	0	4.2
05/10/2021 08:06	0	4.2
05/10/2021 08:12	0	4.2
05/10/2021 08:18	0	4.2
05/10/2021 08:24	0.1	4.2
05/10/2021 08:30	0.1	4.4
05/10/2021 08:36	0.1	4.5
05/10/2021 08:42	0.1	4.5
05/10/2021 08:48	0	4.5
05/10/2021 08:54	0	4.5
05/10/2021 09:00	0	4.5
05/10/2021 09:06	0	4.5
05/10/2021 09:12	0	4.5
05/10/2021 09:18	0	4.5
05/10/2021 09:24	0	4.5
05/10/2021 09:30	0	4.5
05/10/2021 09:36	0	4.5
05/10/2021 09:42	0	4.5
05/10/2021 09:48	0	4.5
05/10/2021 09:54	0	4.5
05/10/2021 10:00	0	4.5
05/10/2021 10:06	0	4.5
05/10/2021 10:12	0	4.4
05/10/2021 10:18	0	4.4
05/10/2021 10:24	0.1	4.5
05/10/2021 10:30	0.1	4.5
05/10/2021 10:36	0	4.5
05/10/2021 10:42	0	4.4
05/10/2021 10:48	0	4.4
05/10/2021 10:54	0	4.4
05/10/2021 11:00	0	4.4
05/10/2021 11:06	0	4.4
05/10/2021 11:12	0	4.4
05/10/2021 11:18	-0.1	4.4
05/10/2021 11:24	0	4.4
05/10/2021 11:30	0	4.4
05/10/2021 11:36	-0.1	4.4
05/10/2021 11:42	-0.1	4.4
05/10/2021 11:48	-0.1	4.2
05/10/2021 11:54	0	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/10/2021 12:00	0.1	4.1
05/10/2021 12:06	0.3	4.1
05/10/2021 12:12	0.3	4.1
05/10/2021 12:18	0.3	4.1
05/10/2021 12:24	0.3	4.1
05/10/2021 12:30	0.3	4.1
05/10/2021 12:36	0.4	4.1
05/10/2021 12:42	0.4	4
05/10/2021 12:48	0.4	4
05/10/2021 12:54	0.4	4
05/10/2021 13:00	0.4	4.1
05/10/2021 13:06	0.4	4.1
05/10/2021 13:12	0.4	4.1
05/10/2021 13:18	0.4	4
05/10/2021 13:24	0.4	4
05/10/2021 13:30	0.4	4
05/10/2021 13:36	0.4	4
05/10/2021 13:42	0.4	4
05/10/2021 13:48	0.4	3.9
05/10/2021 13:54	0.4	3.9
05/10/2021 14:00	0.4	3.9
05/10/2021 14:06	0.5	3.9
05/10/2021 14:12	0.5	3.9
05/10/2021 14:18	0.5	3.9
05/10/2021 14:24	0.4	3.9
05/10/2021 14:30	0.5	3.9
05/10/2021 14:36	0.5	3.9
05/10/2021 14:42	0.5	3.9
05/10/2021 14:48	0.5	3.9
05/10/2021 14:54	0.5	3.9
05/10/2021 15:00	0.5	3.9
05/10/2021 15:06	0.5	3.9
05/10/2021 15:12	0.5	3.9
05/10/2021 15:18	0.5	3.9
05/10/2021 15:24	0.5	3.8
05/10/2021 15:30	0.5	3.9
05/10/2021 15:36	0.5	3.9
05/10/2021 15:42	0.5	3.9
05/10/2021 15:48	0.5	3.9
05/10/2021 15:54	0.5	3.9

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**Data Group:** Valid Data  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/10/2021 16:00	0.5	3.9
05/10/2021 16:06	0.5	3.9
05/10/2021 16:12	0.5	3.9
05/10/2021 16:18	0.5	4.1
05/10/2021 16:24	0.5	4.3
05/10/2021 16:30	0.5	4.2
05/10/2021 16:36	0.5	4.2
05/10/2021 16:42	0.5	4.1
05/10/2021 16:48	0.5	4.1
05/10/2021 16:54	0.5	4.1
05/10/2021 17:00	0.5	4.1
05/10/2021 17:06	0.5	4.1
05/10/2021 17:12	0.5	4.1
05/10/2021 17:18	0.5	4.1
05/10/2021 17:24	0.5	4.1
05/10/2021 17:30	0.5	4.1
05/10/2021 17:36	0.5	4.1
05/10/2021 17:42	0.5	4.1
05/10/2021 17:48	0.5	4.1
05/10/2021 17:54	0.5	4.1
05/10/2021 18:00	0.5	4.1
05/10/2021 18:06	0.5	4.1
05/10/2021 18:12	0.5	4.1
05/10/2021 18:18	0.5	4.1
05/10/2021 18:24	0.4	4.1
05/10/2021 18:30	0.5	4.1
05/10/2021 18:36	0.5	4.1
05/10/2021 18:42	0.5	4.1
05/10/2021 18:48	0.5	4.1
05/10/2021 18:54	0.5	4.1
05/10/2021 19:00	0.5	4.1
05/10/2021 19:06	0.4	4.1
05/10/2021 19:12	0.4	4.1
05/10/2021 19:18	0.5	4.1
05/10/2021 19:24	0.5	4
05/10/2021 19:30	0.4	4
05/10/2021 19:36	0.4	4
05/10/2021 19:42	0.4	4
05/10/2021 19:48	0.4	4
05/10/2021 19:54	0.4	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/10/2021 20:00	0.4	4
05/10/2021 20:06	0.4	4
05/10/2021 20:12	0.4	4
05/10/2021 20:18	0.4	4
05/10/2021 20:24	0.4	4
05/10/2021 20:30	0.4	4
05/10/2021 20:36	0.4	4
05/10/2021 20:42	0.4	4
05/10/2021 20:48	0.4	4
05/10/2021 20:54	0.4	4
05/10/2021 21:00	0.4	4
05/10/2021 21:06	0.4	4
05/10/2021 21:12	0.4	4
05/10/2021 21:18	0.4	4
05/10/2021 21:24	0.4	4
05/10/2021 21:30	0.4	4
05/10/2021 21:36	0.4	4
05/10/2021 21:42	0.4	4.1
05/10/2021 21:48	0.4	4.1
05/10/2021 21:54	0.4	4.1
05/10/2021 22:00	0.4	4.1
05/10/2021 22:06	0.4	4.1
05/10/2021 22:12	0.4	4.1
05/10/2021 22:18	0.4	4.1
05/10/2021 22:24	0.4	4.1
05/10/2021 22:30	0.4	4.1
05/10/2021 22:36	0.4	4.2
05/10/2021 22:42	0.4	4.2
05/10/2021 22:48	0.4	4.2
05/10/2021 22:54	0.4	4.2
05/10/2021 23:00	0.4	4.2
05/10/2021 23:06	0.4	4.2
05/10/2021 23:12	0.4	4.2
05/10/2021 23:18	0.4	4.2
05/10/2021 23:24	0.4	4.2
05/10/2021 23:30	0.4	4.2
05/10/2021 23:36	0.4	4.1
05/10/2021 23:42	0.4	4.1
05/10/2021 23:48	0.4	4.1
05/10/2021 23:54	0.4	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 00:00	0.4	4.1
06/10/2021 00:06	0.4	4.1
06/10/2021 00:12	0.4	4.1
06/10/2021 00:18	0.4	4.1
06/10/2021 00:24	0.4	4.1
06/10/2021 00:30	0.4	4.1
06/10/2021 00:36	0.4	4.1
06/10/2021 00:42	0.4	4
06/10/2021 00:48	0.4	3.9
06/10/2021 00:54	0.4	3.9
06/10/2021 01:00	0.4	3.9
06/10/2021 01:06	0.4	3.9
06/10/2021 01:12	0.4	3.9
06/10/2021 01:18	0.4	3.9
06/10/2021 01:24	0.4	3.8
06/10/2021 01:30	0.4	3.8
06/10/2021 01:36	0.4	3.9
06/10/2021 01:42	0.4	3.9
06/10/2021 01:48	0.4	3.9
06/10/2021 01:54	0.4	3.9
06/10/2021 02:00	0.4	3.9
06/10/2021 02:06	0.4	3.8
06/10/2021 02:12	0.4	3.8
06/10/2021 02:18	0.4	3.8
06/10/2021 02:24	0.4	3.8
06/10/2021 02:30	0.4	3.8
06/10/2021 02:36	0.4	3.8
06/10/2021 02:42	0.4	3.8
06/10/2021 02:48	0.4	3.8
06/10/2021 02:54	0.4	3.8
06/10/2021 03:00	0.4	3.8
06/10/2021 03:06	0.4	3.8
06/10/2021 03:12	0.4	3.8
06/10/2021 03:18	0.4	3.9
06/10/2021 03:24	0.4	3.8
06/10/2021 03:30	0.4	3.8
06/10/2021 03:36	0.4	3.9
06/10/2021 03:42	0.4	3.8
06/10/2021 03:48	0.4	3.8
06/10/2021 03:54	0.4	3.8



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 04:00	0.4	3.9
06/10/2021 04:06	0.4	3.8
06/10/2021 04:12	0.4	3.9
06/10/2021 04:18	0.4	3.8
06/10/2021 04:24	0.4	3.8
06/10/2021 04:30	0.4	3.9
06/10/2021 04:36	0.4	3.9
06/10/2021 04:42	0.4	3.9
06/10/2021 04:48	0.4	3.9
06/10/2021 04:54	0.4	3.8
06/10/2021 05:00	0.4	3.9
06/10/2021 05:06	0.4	3.8
06/10/2021 05:12	0.4	3.8
06/10/2021 05:18	0.4	3.8
06/10/2021 05:24	0.4	3.8
06/10/2021 05:30	0.4	3.9
06/10/2021 05:36	0.4	3.9
06/10/2021 05:42	0.4	3.8
06/10/2021 05:48	0.4	3.8
06/10/2021 05:54	0.4	3.9
06/10/2021 06:00	0.4	3.8
06/10/2021 06:06	0.4	3.9
06/10/2021 06:12	0.4	3.9
06/10/2021 06:18	0.4	3.9
06/10/2021 06:24	0.4	3.9
06/10/2021 06:30	0.4	3.8
06/10/2021 06:36	0.4	3.9
06/10/2021 06:42	0.4	3.8
06/10/2021 06:48	3.9	3.8
06/10/2021 06:54	7	3.9
06/10/2021 07:00	4	3.9
06/10/2021 07:06	1.8	3.8
06/10/2021 07:12	1.3	3.9
06/10/2021 07:18	1.1	3.9
06/10/2021 07:24	1	3.8
06/10/2021 07:30	0.9	3.8
06/10/2021 07:36	0.9	3.8
06/10/2021 07:42	1.1	3.9
06/10/2021 07:48	1.2	3.9
06/10/2021 07:54	1.3	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 08:00	1.4	3.9
06/10/2021 08:06	1.4	3.9
06/10/2021 08:12	1.3	3.9
06/10/2021 08:18	1.3	3.8
06/10/2021 08:24	1.2	3.8
06/10/2021 08:30	1.3	3.9
06/10/2021 08:36	1.2	3.9
06/10/2021 08:42	1.2	3.9
06/10/2021 08:48	1.1	3.9
06/10/2021 08:54	1	3.9
06/10/2021 09:00	0.7	2.9
06/10/2021 09:06	0.4	1.5
06/10/2021 09:12	0.4	1.4
06/10/2021 09:18	0.4	1.4
06/10/2021 09:24	0.4	1.4
06/10/2021 09:30	0.4	1.4
06/10/2021 09:36	0.5	1.5
06/10/2021 09:42	0.5	1.5
06/10/2021 09:48	0.5	1.5
06/10/2021 09:54	0.4	2.8
06/10/2021 10:00	0.5	4.6
06/10/2021 10:06	0.8	4
06/10/2021 10:12	0.9	3.9
06/10/2021 10:18	0.9	4
06/10/2021 10:24	0.9	4.1
06/10/2021 10:30	0.8	4.2
06/10/2021 10:36	0.8	4.2
06/10/2021 10:42	0.9	4.2
06/10/2021 10:48	0.8	4.2
06/10/2021 10:54	0.8	4.2
06/10/2021 11:00	0.8	4.2
06/10/2021 11:06	0.9	4.2
06/10/2021 11:12	0.9	4.2
06/10/2021 11:18	0.9	4.2
06/10/2021 11:24	0.9	4.2
06/10/2021 11:30	0.9	4.2
06/10/2021 11:36	0.9	4.2
06/10/2021 11:42	0.9	4.2
06/10/2021 11:48	0.9	4.2
06/10/2021 11:54	0.9	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 12:00	0.9	4.2
06/10/2021 12:06	0.8	4.3
06/10/2021 12:12	0.9	4.3
06/10/2021 12:18	0.7	4.2
06/10/2021 12:24	0.6	4.2
06/10/2021 12:30	0.6	4.2
06/10/2021 12:36	0.6	4.2
06/10/2021 12:42	0.7	4.2
06/10/2021 12:48	0.7	4.2
06/10/2021 12:54	0.7	4.2
06/10/2021 13:00	0.8	4.3
06/10/2021 13:06	0.8	4.5
06/10/2021 13:12	0.8	4.7
06/10/2021 13:18	0.8	4.7
06/10/2021 13:24	0.8	4.7
06/10/2021 13:30	0.7	4.8
06/10/2021 13:36	0.6	4.8
06/10/2021 13:42	0.3	4.7
06/10/2021 13:48	0.2	4.7
06/10/2021 13:54	0.2	4.7
06/10/2021 14:00	0.2	4.7
06/10/2021 14:06	0.2	4.8
06/10/2021 14:12	0.2	4.8
06/10/2021 14:18	0.2	4.8
06/10/2021 14:24	0.2	4.8
06/10/2021 14:30	0.2	4.8
06/10/2021 14:36	0.2	4.8
06/10/2021 14:42	0.2	4.8
06/10/2021 14:48	0.2	4.8
06/10/2021 14:54	<Samp	<Samp
06/10/2021 15:00	0.3	4.8
06/10/2021 15:06	0.3	4.8
06/10/2021 15:12	0.3	4.8
06/10/2021 15:18	0.2	4.8
06/10/2021 15:24	0.3	4.7
06/10/2021 15:30	0.3	4.7
06/10/2021 15:36	0.3	4.6
06/10/2021 15:42	0.7	4.5
06/10/2021 15:48	0.6	3.7
06/10/2021 15:54	0.5	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 16:00	0.5	3.3
06/10/2021 16:06	0.4	3.3
06/10/2021 16:12	0.5	3.3
06/10/2021 16:18	0.4	3.3
06/10/2021 16:24	0.4	3.3
06/10/2021 16:30	0.4	3.3
06/10/2021 16:36	0.3	3.3
06/10/2021 16:42	0.3	3.3
06/10/2021 16:48	0.3	3.3
06/10/2021 16:54	0.3	3.3
06/10/2021 17:00	0.3	3.3
06/10/2021 17:06	0.3	3.3
06/10/2021 17:12	0.3	3.3
06/10/2021 17:18	0.3	3.3
06/10/2021 17:24	0.3	3.3
06/10/2021 17:30	0.3	3.3
06/10/2021 17:36	0.3	3.3
06/10/2021 17:42	0.3	3.3
06/10/2021 17:48	0.3	3.3
06/10/2021 17:54	0.3	3.5
06/10/2021 18:00	0.3	3.5
06/10/2021 18:06	0.3	3.3
06/10/2021 18:12	0.3	3.3
06/10/2021 18:18	0.3	3.3
06/10/2021 18:24	0.3	3.4
06/10/2021 18:30	0.3	3.3
06/10/2021 18:36	0.3	3.3
06/10/2021 18:42	0.3	3.3
06/10/2021 18:48	0.3	3.3
06/10/2021 18:54	0.3	3.3
06/10/2021 19:00	0.3	3.3
06/10/2021 19:06	0.3	3.3
06/10/2021 19:12	0.3	3.3
06/10/2021 19:18	0.2	3.3
06/10/2021 19:24	0.2	3.3
06/10/2021 19:30	0.3	3.3
06/10/2021 19:36	0.3	3.3
06/10/2021 19:42	0.3	3.4
06/10/2021 19:48	0.3	3.4
06/10/2021 19:54	0.3	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/10/2021 20:00	0.3	3.3
06/10/2021 20:06	0.2	3.3
06/10/2021 20:12	0.3	3.3
06/10/2021 20:18	0.3	3.3
06/10/2021 20:24	0.3	3.3
06/10/2021 20:30	0.3	3.3
06/10/2021 20:36	0.3	3.3
06/10/2021 20:42	1.5	2.5
06/10/2021 20:48	2	1.6
06/10/2021 20:54	1.1	1.5
06/10/2021 21:00	1	1.6
06/10/2021 21:06	0.9	1.6
06/10/2021 21:12	0.9	1.6
06/10/2021 21:18	0.9	1.6
06/10/2021 21:24	0.6	1.6
06/10/2021 21:30	0.4	1.6
06/10/2021 21:36	0.5	1.6
06/10/2021 21:42	0.5	1.6
06/10/2021 21:48	0.5	1.6
06/10/2021 21:54	0.5	1.6
06/10/2021 22:00	0.5	1.6
06/10/2021 22:06	0.5	1.6
06/10/2021 22:12	0.6	1.6
06/10/2021 22:18	0.6	1.6
06/10/2021 22:24	0.6	1.6
06/10/2021 22:30	0.6	1.6
06/10/2021 22:36	0.6	1.6
06/10/2021 22:42	0.6	1.6
06/10/2021 22:48	0.6	1.6
06/10/2021 22:54	0.6	1.6
06/10/2021 23:00	0.6	1.6
06/10/2021 23:06	0.6	1.6
06/10/2021 23:12	0.6	1.6
06/10/2021 23:18	0.6	1.6
06/10/2021 23:24	0.6	1.6
06/10/2021 23:30	0.6	1.6
06/10/2021 23:36	0.6	1.6
06/10/2021 23:42	0.6	1.6
06/10/2021 23:48	0.6	1.6
06/10/2021 23:54	0.6	1.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/10/2021 00:00	0.6	1.6
07/10/2021 00:06	0.6	1.6
07/10/2021 00:12	0.6	1.6
07/10/2021 00:18	0.6	1.6
07/10/2021 00:24	0.6	1.6
07/10/2021 00:30	0.6	1.6
07/10/2021 00:36	0.6	1.6
07/10/2021 00:42	0.6	1.6
07/10/2021 00:48	0.6	1.6
07/10/2021 00:54	0.6	1.6
07/10/2021 01:00	0.5	1.6
07/10/2021 01:06	0.1	1.6
07/10/2021 01:12	0	1.6
07/10/2021 01:18	0	1.7
07/10/2021 01:24	0	1.7
07/10/2021 01:30	0.2	1.6
07/10/2021 01:36	0.4	1.6
07/10/2021 01:42	0.4	1.6
07/10/2021 01:48	0.5	1.6
07/10/2021 01:54	0.7	1.7
07/10/2021 02:00	0.7	1.7
07/10/2021 02:06	0.7	1.7
07/10/2021 02:12	0.7	1.6
07/10/2021 02:18	0.7	1.7
07/10/2021 02:24	0.7	1.7
07/10/2021 02:30	0.7	1.7
07/10/2021 02:36	0.7	1.7
07/10/2021 02:42	0.8	1.7
07/10/2021 02:48	0.7	1.7
07/10/2021 02:54	0.7	1.7
07/10/2021 03:00	0.7	1.7
07/10/2021 03:06	0.6	1.7
07/10/2021 03:12	0.7	1.7
07/10/2021 03:18	0.7	1.7
07/10/2021 03:24	0.7	1.7
07/10/2021 03:30	0.7	1.7
07/10/2021 03:36	0.7	1.7
07/10/2021 03:42	0.7	1.8
07/10/2021 03:48	0.7	1.8
07/10/2021 03:54	0.6	1.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/10/2021 04:00	0.6	1.8
07/10/2021 04:06	0.6	1.8
07/10/2021 04:12	0.6	1.8
07/10/2021 04:18	0.7	1.8
07/10/2021 04:24	0.7	1.8
07/10/2021 04:30	0.6	1.8
07/10/2021 04:36	0.6	1.8
07/10/2021 04:42	0.6	1.8
07/10/2021 04:48	0.6	1.8
07/10/2021 04:54	0.6	1.8
07/10/2021 05:00	0.6	1.8
07/10/2021 05:06	0.6	1.8
07/10/2021 05:12	0.7	1.8
07/10/2021 05:18	0.7	1.8
07/10/2021 05:24	0.6	1.8
07/10/2021 05:30	0.7	1.8
07/10/2021 05:36	0.7	1.8
07/10/2021 05:42	0.7	1.8
07/10/2021 05:48	0.7	1.8
07/10/2021 05:54	0.7	1.8
07/10/2021 06:00	0.7	1.8
07/10/2021 06:06	0.7	1.8
07/10/2021 06:12	0.7	1.9
07/10/2021 06:18	0.7	1.8
07/10/2021 06:24	0.7	1.8
07/10/2021 06:30	0.7	1.9
07/10/2021 06:36	0.6	1.9
07/10/2021 06:42	0.5	1.9
07/10/2021 06:48	0.5	2
07/10/2021 06:54	0.4	2
07/10/2021 07:00	0.3	1.9
07/10/2021 07:06	0.2	2
07/10/2021 07:12	0.2	2
07/10/2021 07:18	0.2	1.9
07/10/2021 07:24	0.4	1.9
07/10/2021 07:30	0.7	1.9
07/10/2021 07:36	0.8	1.9
07/10/2021 07:42	0.7	1.9
07/10/2021 07:48	0.8	1.9
07/10/2021 07:54	0.4	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/10/2021 08:00	-0.2	2
07/10/2021 08:06	-0.5	2
07/10/2021 08:12	-0.6	2
07/10/2021 08:18	-0.6	1.9
07/10/2021 08:24	-0.5	1.9
07/10/2021 08:30	-0.5	1.9
07/10/2021 08:36	-0.5	1.9
07/10/2021 08:42	-0.5	1.9
07/10/2021 08:48	-0.4	1.9
07/10/2021 08:54	-0.3	1.9
07/10/2021 09:00	-0.3	1.9
07/10/2021 09:06	-0.2	1.9
07/10/2021 09:12	-0.2	1.9
07/10/2021 09:18	-0.1	1.9
07/10/2021 09:24	-0.1	1.9
07/10/2021 09:30	-0.1	1.9
07/10/2021 09:36	-0.1	1.9
07/10/2021 09:42	0	1.9
07/10/2021 09:48	0	1.9
07/10/2021 09:54	0	1.9
07/10/2021 10:00	0	1.9
07/10/2021 10:06	0.1	1.9
07/10/2021 10:12	0.1	1.9
07/10/2021 10:18	0.1	1.9
07/10/2021 10:24	0.1	1.9
07/10/2021 10:30	0.1	1.9
07/10/2021 10:36	0.1	1.9
07/10/2021 10:42	0.1	1.9
07/10/2021 10:48	0.1	1.9
07/10/2021 10:54	0.1	1.9
07/10/2021 11:00	0	1.9
07/10/2021 11:06	-0.1	1.9
07/10/2021 11:12	-0.1	1.9
07/10/2021 11:18	-0.1	1.9
07/10/2021 11:24	-0.1	1.9
07/10/2021 11:30	-0.1	1.9
07/10/2021 11:36	-0.1	1.9
07/10/2021 11:42	-0.1	1.9
07/10/2021 11:48	-0.1	1.9
07/10/2021 11:54	-0.1	2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/10/2021 12:00	-0.1	1.9
07/10/2021 12:06	-0.2	1.9
07/10/2021 12:12	-0.2	1.8
07/10/2021 12:18	-0.2	1.8
07/10/2021 12:24	-0.2	1.8
07/10/2021 12:30	-0.2	1.8
07/10/2021 12:36	-0.1	1.8
07/10/2021 12:42	-0.1	1.8
07/10/2021 12:48	-0.1	1.8
07/10/2021 12:54	0	1.8
07/10/2021 13:00	0	1.8
07/10/2021 13:06	0.1	1.8
07/10/2021 13:12	0.1	1.8
07/10/2021 13:18	0.1	1.8
07/10/2021 13:24	0.1	1.8
07/10/2021 13:30	0.2	1.8
07/10/2021 13:36	0.2	1.8
07/10/2021 13:42	0.2	1.8
07/10/2021 13:48	0.2	1.8
07/10/2021 13:54	0.2	1.8
07/10/2021 14:00	0.3	1.8
07/10/2021 14:06	0.2	1.8
07/10/2021 14:12	0.3	1.8
07/10/2021 14:18	0.3	1.9
07/10/2021 14:24	0.3	1.9
07/10/2021 14:30	0.3	1.9
07/10/2021 14:36	0.3	1.9
07/10/2021 14:42	0.3	1.9
07/10/2021 14:48	0.3	1.9
07/10/2021 14:54	0.3	1.9
07/10/2021 15:00	0.2	1.9
07/10/2021 15:06	0.1	1.9
07/10/2021 15:12	0.2	1.9
07/10/2021 15:18	0.2	1.9
07/10/2021 15:24	0.2	1.9
07/10/2021 15:30	0.2	1.9
07/10/2021 15:36	0.2	1.9
07/10/2021 15:42	0.2	1.9
07/10/2021 15:48	0.2	1.9
07/10/2021 15:54	0.2	1.9

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
07/10/2021 16:00	0.2	1.9
07/10/2021 16:06	0.2	1.9
07/10/2021 16:12	0.2	1.9
07/10/2021 16:18	0.2	1.9
07/10/2021 16:24	0.2	1.9
07/10/2021 16:30	0.2	1.9
07/10/2021 16:36	0.2	1.9
07/10/2021 16:42	0.2	4.5
07/10/2021 16:48	0.2	6.8
07/10/2021 16:54	0.2	2.8
07/10/2021 17:00	0.2	1.9
07/10/2021 17:06	0.2	1.9
07/10/2021 17:12	0.3	1.9
07/10/2021 17:18	0.3	1.9
07/10/2021 17:24	0.3	1.9
07/10/2021 17:30	0.3	1.9
07/10/2021 17:36	0.3	1.9
07/10/2021 17:42	0.3	1.9
07/10/2021 17:48	0.4	1.9
07/10/2021 17:54	0.4	1.9
07/10/2021 18:00	0.4	1.9
07/10/2021 18:06	0.4	1.9
07/10/2021 18:12	0.4	1.9
07/10/2021 18:18	0.4	1.9
07/10/2021 18:24	0.4	1.9
07/10/2021 18:30	0.4	1.9
07/10/2021 18:36	0.4	1.9
07/10/2021 18:42	0.4	1.9
07/10/2021 18:48	0.4	1.9
07/10/2021 18:54	0.4	1.9
07/10/2021 19:00	0.4	1.9
07/10/2021 19:06	0.4	1.9
07/10/2021 19:12	0.5	1.9
07/10/2021 19:18	0.5	1.9
07/10/2021 19:24	0.4	1.9
07/10/2021 19:30	0.4	2
07/10/2021 19:36	0.4	2
07/10/2021 19:42	0.4	2
07/10/2021 19:48	0.4	2
07/10/2021 19:54	0.4	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/10/2021 20:00	0.4	2
07/10/2021 20:06	0.4	2
07/10/2021 20:12	0.4	2
07/10/2021 20:18	0.4	2
07/10/2021 20:24	0.4	2
07/10/2021 20:30	0.3	2
07/10/2021 20:36	0.3	2
07/10/2021 20:42	0.3	2
07/10/2021 20:48	0.3	2
07/10/2021 20:54	0.3	2
07/10/2021 21:00	0.3	2
07/10/2021 21:06	0.3	2
07/10/2021 21:12	0.3	2
07/10/2021 21:18	0.3	2
07/10/2021 21:24	0.3	2
07/10/2021 21:30	0.3	2
07/10/2021 21:36	0.3	2
07/10/2021 21:42	0.3	2
07/10/2021 21:48	0.3	2
07/10/2021 21:54	0.3	2
07/10/2021 22:00	0.3	2
07/10/2021 22:06	0.3	2
07/10/2021 22:12	0.3	2
07/10/2021 22:18	0.3	2
07/10/2021 22:24	0.3	2
07/10/2021 22:30	0.3	2
07/10/2021 22:36	0.3	2
07/10/2021 22:42	0.3	2
07/10/2021 22:48	0.3	2
07/10/2021 22:54	0.3	2.1
07/10/2021 23:00	0.3	2
07/10/2021 23:06	0.3	2
07/10/2021 23:12	0.2	2
07/10/2021 23:18	0.2	2
07/10/2021 23:24	0.2	2
07/10/2021 23:30	0.2	2
07/10/2021 23:36	0.2	2
07/10/2021 23:42	0.2	2
07/10/2021 23:48	0.2	2
07/10/2021 23:54	0.2	2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/10/2021 00:00	0.2	2
08/10/2021 00:06	0.2	2
08/10/2021 00:12	0.2	2.1
08/10/2021 00:18	0.2	2.1
08/10/2021 00:24	0.2	2.1
08/10/2021 00:30	0.2	2.1
08/10/2021 00:36	0.2	2.1
08/10/2021 00:42	0.2	2.1
08/10/2021 00:48	0.2	2.1
08/10/2021 00:54	0.2	2.1
08/10/2021 01:00	0.3	2.1
08/10/2021 01:06	0.2	2.1
08/10/2021 01:12	0.2	2.1
08/10/2021 01:18	0.2	2.1
08/10/2021 01:24	0.2	2.1
08/10/2021 01:30	0.2	2.1
08/10/2021 01:36	0.2	2.1
08/10/2021 01:42	0.2	2.1
08/10/2021 01:48	0.2	2.1
08/10/2021 01:54	0.2	2.1
08/10/2021 02:00	0.2	2.1
08/10/2021 02:06	0.2	2.1
08/10/2021 02:12	0.2	2.1
08/10/2021 02:18	0.2	2.1
08/10/2021 02:24	0.2	2.1
08/10/2021 02:30	0.2	2.1
08/10/2021 02:36	0.2	2.1
08/10/2021 02:42	0.2	2.1
08/10/2021 02:48	0.2	2.1
08/10/2021 02:54	0.2	2.1
08/10/2021 03:00	0.2	2.1
08/10/2021 03:06	0.2	2.1
08/10/2021 03:12	0.2	2.1
08/10/2021 03:18	0.2	2.1
08/10/2021 03:24	0.2	2.1
08/10/2021 03:30	0.2	2.1
08/10/2021 03:36	0.2	2.1
08/10/2021 03:42	0.2	2.1
08/10/2021 03:48	0.2	2.1
08/10/2021 03:54	0.2	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/10/2021 04:00	0.2	2.1
08/10/2021 04:06	0.2	2.1
08/10/2021 04:12	0.2	2.1
08/10/2021 04:18	0.2	2.1
08/10/2021 04:24	0.2	2.1
08/10/2021 04:30	0.2	2.1
08/10/2021 04:36	0.2	2.1
08/10/2021 04:42	0.1	2.1
08/10/2021 04:48	0.1	2.1
08/10/2021 04:54	0.1	2.1
08/10/2021 05:00	0.1	2.1
08/10/2021 05:06	0.1	2.1
08/10/2021 05:12	4	2.1
08/10/2021 05:18	5.3	2.1
08/10/2021 05:24	1.4	2.1
08/10/2021 05:30	0.5	2.1
08/10/2021 05:36	0.4	2.1
08/10/2021 05:42	0.4	2.1
08/10/2021 05:48	0.3	2.1
08/10/2021 05:54	0.3	2.1
08/10/2021 06:00	0.4	2.1
08/10/2021 06:06	0.5	2.1
08/10/2021 06:12	0.5	2.1
08/10/2021 06:18	0.6	2.1
08/10/2021 06:24	0.6	2.1
08/10/2021 06:30	0.6	2.1
08/10/2021 06:36	0.7	2.1
08/10/2021 06:42	0.7	2.1
08/10/2021 06:48	0.7	2.1
08/10/2021 06:54	0.7	2.1
08/10/2021 07:00	0.6	2.1
08/10/2021 07:06	0.6	2.1
08/10/2021 07:12	0.5	2.1
08/10/2021 07:18	0.4	2.1
08/10/2021 07:24	0.4	2.1
08/10/2021 07:30	0.4	2.1
08/10/2021 07:36	0.3	2.1
08/10/2021 07:42	0.2	2.1
08/10/2021 07:48	0.2	2.1
08/10/2021 07:54	0.2	2.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
08/10/2021 08:00	0.2	2.1
08/10/2021 08:06	0.2	2.1
08/10/2021 08:12	0.2	2.1
08/10/2021 08:18	0.2	2.1
08/10/2021 08:24	0.2	2.1
08/10/2021 08:30	0.2	2.1
08/10/2021 08:36	0.2	2.1
08/10/2021 08:42	0.2	2.1
08/10/2021 08:48	0.2	2.1
08/10/2021 08:54	0.2	2.1
08/10/2021 09:00	0.2	2.1
08/10/2021 09:06	0.1	2.1
08/10/2021 09:12	0.1	2.1
08/10/2021 09:18	0.1	2.1
08/10/2021 09:24	0.1	2.1
08/10/2021 09:30	0.1	2.1
08/10/2021 09:36	0.1	2.1
08/10/2021 09:42	0.1	2.1
08/10/2021 09:48	0.2	2.1
08/10/2021 09:54	0.2	2.1
08/10/2021 10:00	0.2	2.1
08/10/2021 10:06	0.2	2.1
08/10/2021 10:12	0.2	2.1
08/10/2021 10:18	0.2	2.1
08/10/2021 10:24	0.1	2.1
08/10/2021 10:30	0.2	2.1
08/10/2021 10:36	0.2	2.1
08/10/2021 10:42	0.1	2.1
08/10/2021 10:48	0.1	2.1
08/10/2021 10:54	0.2	2.1
08/10/2021 11:00	0.1	2.1
08/10/2021 11:06	0.1	2.1
08/10/2021 11:12	0.2	2.1
08/10/2021 11:18	0.2	2.1
08/10/2021 11:24	0.3	2.1
08/10/2021 11:30	0.3	2.1
08/10/2021 11:36	0.3	2.1
08/10/2021 11:42	0.2	2.1
08/10/2021 11:48	0.3	2.1
08/10/2021 11:54	0.3	2.1

## 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 4
	%	%
08/10/2021 12:00	0.3	2.1
08/10/2021 12:06	0.1	2.1
08/10/2021 12:12	0.1	2.1
08/10/2021 12:18	0	2
08/10/2021 12:24	0	2
08/10/2021 12:30	0	2
08/10/2021 12:36	0	2
08/10/2021 12:42	0	2
08/10/2021 12:48	0	2
08/10/2021 12:54	0	2
08/10/2021 13:00	0	2
08/10/2021 13:06	0	2
08/10/2021 13:12	0	2
08/10/2021 13:18	0.2	2
08/10/2021 13:24	0.3	2
08/10/2021 13:30	0.3	2
08/10/2021 13:36	0.3	2
08/10/2021 13:42	0.3	2
08/10/2021 13:48	0.3	2
08/10/2021 13:54	0.3	2
08/10/2021 14:00	0.3	2
08/10/2021 14:06	0.3	2
08/10/2021 14:12	0.3	2
08/10/2021 14:18	0.2	2
08/10/2021 14:24	0.3	2
08/10/2021 14:30	0.3	2
08/10/2021 14:36	0.3	2
08/10/2021 14:42	0.3	2
08/10/2021 14:48	0.3	2
08/10/2021 14:54	0.3	2
08/10/2021 15:00	0.3	2
08/10/2021 15:06	0.3	2
08/10/2021 15:12	0.3	2
08/10/2021 15:18	0.3	2
08/10/2021 15:24	0.3	2
08/10/2021 15:30	0.3	2
08/10/2021 15:36	0.3	2
08/10/2021 15:42	0.3	2
08/10/2021 15:48	0.2	2
08/10/2021 15:54	0.3	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/10/2021 16:00	0.3	2
08/10/2021 16:06	0.2	2
08/10/2021 16:12	0.2	2
08/10/2021 16:18	0.2	2
08/10/2021 16:24	0.3	2
08/10/2021 16:30	0.3	2
08/10/2021 16:36	0.3	2
08/10/2021 16:42	0.4	2
08/10/2021 16:48	0.4	2
08/10/2021 16:54	0.4	2
08/10/2021 17:00	0.4	2
08/10/2021 17:06	0.4	2
08/10/2021 17:12	0.4	2
08/10/2021 17:18	0.5	2
08/10/2021 17:24	0.4	2
08/10/2021 17:30	0.4	2
08/10/2021 17:36	0.4	2
08/10/2021 17:42	0.4	2
08/10/2021 17:48	0.4	2
08/10/2021 17:54	0.4	2
08/10/2021 18:00	0.4	2
08/10/2021 18:06	0.4	2
08/10/2021 18:12	0.4	2
08/10/2021 18:18	0.4	2
08/10/2021 18:24	0.4	2
08/10/2021 18:30	0.5	2
08/10/2021 18:36	0.5	2
08/10/2021 18:42	0.4	2
08/10/2021 18:48	0.4	2
08/10/2021 18:54	0.4	2
08/10/2021 19:00	0.4	2
08/10/2021 19:06	0.4	2
08/10/2021 19:12	0.3	2
08/10/2021 19:18	0.3	2
08/10/2021 19:24	0.3	2
08/10/2021 19:30	0.3	2
08/10/2021 19:36	0.3	2
08/10/2021 19:42	0.4	2
08/10/2021 19:48	0.4	2
08/10/2021 19:54	0.4	2



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/10/2021 20:00	0.5	2
08/10/2021 20:06	0.5	2
08/10/2021 20:12	0.5	2
08/10/2021 20:18	0.5	2
08/10/2021 20:24	0.5	2
08/10/2021 20:30	0.4	2
08/10/2021 20:36	0.3	2
08/10/2021 20:42	0.3	2
08/10/2021 20:48	0.3	2
08/10/2021 20:54	0.3	2
08/10/2021 21:00	0.3	2
08/10/2021 21:06	0.4	2
08/10/2021 21:12	0.4	2
08/10/2021 21:18	0.3	2
08/10/2021 21:24	0.3	2
08/10/2021 21:30	0.4	2
08/10/2021 21:36	0.4	2
08/10/2021 21:42	0.3	2
08/10/2021 21:48	0.3	2
08/10/2021 21:54	0.3	2
08/10/2021 22:00	0.3	2
08/10/2021 22:06	0.3	2
08/10/2021 22:12	0.3	2
08/10/2021 22:18	0.3	2
08/10/2021 22:24	0.3	2
08/10/2021 22:30	0.3	2
08/10/2021 22:36	0.3	2
08/10/2021 22:42	0.3	2
08/10/2021 22:48	0.3	2
08/10/2021 22:54	0.3	2
08/10/2021 23:00	0.3	2
08/10/2021 23:06	0.3	2
08/10/2021 23:12	0.4	2
08/10/2021 23:18	0.4	2
08/10/2021 23:24	0.3	2
08/10/2021 23:30	0.3	2
08/10/2021 23:36	0.3	2
08/10/2021 23:42	0.3	2
08/10/2021 23:48	0.3	2
08/10/2021 23:54	0.3	2

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**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 00:00	0.3	2
09/10/2021 00:06	0.3	2
09/10/2021 00:12	0.3	2
09/10/2021 00:18	0.3	2
09/10/2021 00:24	0.3	2
09/10/2021 00:30	0.3	2
09/10/2021 00:36	0.3	2
09/10/2021 00:42	0.2	2
09/10/2021 00:48	-0.6	2
09/10/2021 00:54	-1.2	2
09/10/2021 01:00	-1.2	2
09/10/2021 01:06	-1.1	2
09/10/2021 01:12	-1	2
09/10/2021 01:18	-0.9	2
09/10/2021 01:24	-0.9	2
09/10/2021 01:30	-0.8	2
09/10/2021 01:36	-0.8	2
09/10/2021 01:42	-0.8	2
09/10/2021 01:48	-0.7	2
09/10/2021 01:54	-0.7	2
09/10/2021 02:00	-0.7	2
09/10/2021 02:06	-0.6	2
09/10/2021 02:12	-0.6	2
09/10/2021 02:18	-0.6	2.1
09/10/2021 02:24	-0.6	2.1
09/10/2021 02:30	-0.6	2.1
09/10/2021 02:36	-0.6	2.1
09/10/2021 02:42	-0.5	2.1
09/10/2021 02:48	-0.5	2.1
09/10/2021 02:54	-0.5	2.1
09/10/2021 03:00	-0.4	2.1
09/10/2021 03:06	-0.5	2.1
09/10/2021 03:12	-0.5	2.1
09/10/2021 03:18	-0.4	2.1
09/10/2021 03:24	-0.4	2.1
09/10/2021 03:30	-0.4	2.1
09/10/2021 03:36	-0.4	2.1
09/10/2021 03:42	-0.4	2.1
09/10/2021 03:48	-0.4	2.1
09/10/2021 03:54	-0.4	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 04:00	-0.4	2.1
09/10/2021 04:06	-0.3	2.1
09/10/2021 04:12	-0.3	2.1
09/10/2021 04:18	-0.3	2.1
09/10/2021 04:24	-0.3	2.1
09/10/2021 04:30	-0.3	2.1
09/10/2021 04:36	-0.3	2.1
09/10/2021 04:42	-0.3	2.1
09/10/2021 04:48	-0.3	2.1
09/10/2021 04:54	-0.3	2.1
09/10/2021 05:00	-0.3	2.1
09/10/2021 05:06	-0.3	2.1
09/10/2021 05:12	-0.3	2.1
09/10/2021 05:18	-0.3	2.1
09/10/2021 05:24	-0.3	2.1
09/10/2021 05:30	-0.2	2.1
09/10/2021 05:36	-0.2	2.1
09/10/2021 05:42	-0.2	2.1
09/10/2021 05:48	-0.2	2.1
09/10/2021 05:54	-0.2	2.1
09/10/2021 06:00	-0.2	2.1
09/10/2021 06:06	-0.2	2.1
09/10/2021 06:12	-0.2	2.1
09/10/2021 06:18	-0.2	2.1
09/10/2021 06:24	-0.2	2.1
09/10/2021 06:30	-0.2	2.1
09/10/2021 06:36	-0.2	2.1
09/10/2021 06:42	-0.2	2.1
09/10/2021 06:48	-0.2	2.1
09/10/2021 06:54	-0.2	2.1
09/10/2021 07:00	-0.2	2.1
09/10/2021 07:06	-0.2	2.1
09/10/2021 07:12	-0.2	2.1
09/10/2021 07:18	-0.3	2.1
09/10/2021 07:24	-0.3	2.1
09/10/2021 07:30	-0.2	2.1
09/10/2021 07:36	-0.2	2.1
09/10/2021 07:42	-0.2	2.1
09/10/2021 07:48	-0.2	2.1
09/10/2021 07:54	-0.3	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 08:00	-0.3	2.1
09/10/2021 08:06	-0.2	2.1
09/10/2021 08:12	-0.2	2.1
09/10/2021 08:18	-0.2	2.1
09/10/2021 08:24	-0.2	2.1
09/10/2021 08:30	-0.2	2.1
09/10/2021 08:36	-0.2	2.1
09/10/2021 08:42	-0.2	2.1
09/10/2021 08:48	-0.1	2.1
09/10/2021 08:54	-0.1	2.1
09/10/2021 09:00	-0.1	2.1
09/10/2021 09:06	-0.1	2
09/10/2021 09:12	-0.1	2
09/10/2021 09:18	-0.1	2
09/10/2021 09:24	0	2
09/10/2021 09:30	2.5	2
09/10/2021 09:36	1.6	2
09/10/2021 09:42	0.9	2
09/10/2021 09:48	0.7	2
09/10/2021 09:54	0.8	2
09/10/2021 10:00	0.9	2
09/10/2021 10:06	0.9	2
09/10/2021 10:12	0.9	2
09/10/2021 10:18	0.9	2
09/10/2021 10:24	0.9	2
09/10/2021 10:30	0.9	2
09/10/2021 10:36	0.8	2
09/10/2021 10:42	0.7	2
09/10/2021 10:48	0.7	2
09/10/2021 10:54	0.6	2
09/10/2021 11:00	0.5	2
09/10/2021 11:06	0.5	2
09/10/2021 11:12	0.4	2
09/10/2021 11:18	0.3	2
09/10/2021 11:24	0.3	2
09/10/2021 11:30	0.2	2
09/10/2021 11:36	0.1	2
09/10/2021 11:42	0.1	2
09/10/2021 11:48	0.1	2
09/10/2021 11:54	0.1	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 12:00	0.2	2
09/10/2021 12:06	0.4	2
09/10/2021 12:12	0.4	2
09/10/2021 12:18	0.4	2
09/10/2021 12:24	0.4	2
09/10/2021 12:30	0.4	2
09/10/2021 12:36	0.4	2
09/10/2021 12:42	0.4	2.1
09/10/2021 12:48	0.4	2
09/10/2021 12:54	0.5	2
09/10/2021 13:00	0.5	2.1
09/10/2021 13:06	0.4	2.1
09/10/2021 13:12	0.4	2.1
09/10/2021 13:18	0.4	2
09/10/2021 13:24	0.4	2
09/10/2021 13:30	0.4	2
09/10/2021 13:36	0.5	2
09/10/2021 13:42	0.5	2.1
09/10/2021 13:48	0.5	2.1
09/10/2021 13:54	0.5	2
09/10/2021 14:00	0.6	2
09/10/2021 14:06	0.6	2
09/10/2021 14:12	0.6	2
09/10/2021 14:18	0.5	2.1
09/10/2021 14:24	0.5	2.1
09/10/2021 14:30	0.5	2
09/10/2021 14:36	0.5	2
09/10/2021 14:42	0.5	2
09/10/2021 14:48	0.4	2
09/10/2021 14:54	0.1	2.1
09/10/2021 15:00	-0.1	2.1
09/10/2021 15:06	0	2.1
09/10/2021 15:12	0.1	2.1
09/10/2021 15:18	0.1	2.1
09/10/2021 15:24	0.2	2.1
09/10/2021 15:30	0.2	2.1
09/10/2021 15:36	0.3	2.1
09/10/2021 15:42	0.3	2.1
09/10/2021 15:48	0.3	2.1
09/10/2021 15:54	0.3	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 16:00	0.3	2.1
09/10/2021 16:06	0.3	2.1
09/10/2021 16:12	0.3	2.1
09/10/2021 16:18	0.2	2.1
09/10/2021 16:24	0.2	2
09/10/2021 16:30	0.2	2
09/10/2021 16:36	0.2	2
09/10/2021 16:42	0.1	2
09/10/2021 16:48	0.2	2.1
09/10/2021 16:54	0.2	2.1
09/10/2021 17:00	0.2	2.1
09/10/2021 17:06	0.1	2.1
09/10/2021 17:12	-0.1	2.1
09/10/2021 17:18	0.4	2.1
09/10/2021 17:24	0.5	2.1
09/10/2021 17:30	0.4	2.1
09/10/2021 17:36	0.3	2.1
09/10/2021 17:42	0.3	2.1
09/10/2021 17:48	0.3	2.1
09/10/2021 17:54	0.3	2.1
09/10/2021 18:00	0.3	2.1
09/10/2021 18:06	0.3	2.1
09/10/2021 18:12	0.3	2.1
09/10/2021 18:18	0.3	2.1
09/10/2021 18:24	0.3	2.1
09/10/2021 18:30	0.4	2.1
09/10/2021 18:36	0.3	2.1
09/10/2021 18:42	0.3	2.1
09/10/2021 18:48	0.3	2.1
09/10/2021 18:54	0.3	2.1
09/10/2021 19:00	0.3	2.1
09/10/2021 19:06	0.3	2.1
09/10/2021 19:12	0.3	2.1
09/10/2021 19:18	0.3	2.1
09/10/2021 19:24	0.3	2.1
09/10/2021 19:30	0.3	2.1
09/10/2021 19:36	0.3	2.1
09/10/2021 19:42	0.3	2.1
09/10/2021 19:48	0.3	2.1
09/10/2021 19:54	0.3	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/10/2021 20:00	0.3	2.1
09/10/2021 20:06	0.3	2.1
09/10/2021 20:12	0.3	2.1
09/10/2021 20:18	0.3	2.1
09/10/2021 20:24	0.3	2.1
09/10/2021 20:30	0.3	2.1
09/10/2021 20:36	0.3	2.1
09/10/2021 20:42	0.3	2.1
09/10/2021 20:48	0.3	2.1
09/10/2021 20:54	0.3	2.1
09/10/2021 21:00	0.3	2.1
09/10/2021 21:06	0.3	2.1
09/10/2021 21:12	0.3	2.1
09/10/2021 21:18	0.3	2.1
09/10/2021 21:24	0.2	2.1
09/10/2021 21:30	0.2	2.1
09/10/2021 21:36	0.2	2.1
09/10/2021 21:42	0.2	2.1
09/10/2021 21:48	0.3	2.1
09/10/2021 21:54	0.3	2.1
09/10/2021 22:00	0.2	2.1
09/10/2021 22:06	0.2	2.1
09/10/2021 22:12	0.2	2.1
09/10/2021 22:18	0.2	2.1
09/10/2021 22:24	0.2	2.1
09/10/2021 22:30	0.2	2.1
09/10/2021 22:36	0.2	2.1
09/10/2021 22:42	0.2	2.1
09/10/2021 22:48	0.3	2.1
09/10/2021 22:54	0.2	2.1
09/10/2021 23:00	0.2	2.1
09/10/2021 23:06	0.2	2.1
09/10/2021 23:12	0.2	2.1
09/10/2021 23:18	0.2	2.1
09/10/2021 23:24	0.2	2.1
09/10/2021 23:30	0.2	2.1
09/10/2021 23:36	0.2	2.1
09/10/2021 23:42	0.2	2.1
09/10/2021 23:48	0.2	2.1
09/10/2021 23:54	0.2	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 00:00	0.2	2.1
10/10/2021 00:06	0.2	2.1
10/10/2021 00:12	0.3	2.1
10/10/2021 00:18	0.3	2.1
10/10/2021 00:24	0.3	2.1
10/10/2021 00:30	0.3	2.1
10/10/2021 00:36	0.3	2.1
10/10/2021 00:42	0.3	2.1
10/10/2021 00:48	0.3	2.1
10/10/2021 00:54	0.3	2.1
10/10/2021 01:00	0.3	2.1
10/10/2021 01:06	0.2	2.1
10/10/2021 01:12	0.2	2.1
10/10/2021 01:18	0.2	2.1
10/10/2021 01:24	0.2	2.1
10/10/2021 01:30	0.3	2.1
10/10/2021 01:36	0.3	2.1
10/10/2021 01:42	0.3	2.1
10/10/2021 01:48	0.3	2.1
10/10/2021 01:54	0.5	2.1
10/10/2021 02:00	0.4	2.1
10/10/2021 02:06	0.1	2.1
10/10/2021 02:12	0	2.1
10/10/2021 02:18	0	2.1
10/10/2021 02:24	0	2.1
10/10/2021 02:30	0	2.1
10/10/2021 02:36	-0.1	2.1
10/10/2021 02:42	0	2.1
10/10/2021 02:48	0	2.1
10/10/2021 02:54	0	2.1
10/10/2021 03:00	-0.1	2.1
10/10/2021 03:06	-0.1	2.1
10/10/2021 03:12	0.1	2.1
10/10/2021 03:18	0.4	2.1
10/10/2021 03:24	0.5	2.1
10/10/2021 03:30	0.5	2.1
10/10/2021 03:36	0.5	2.1
10/10/2021 03:42	0.5	2.1
10/10/2021 03:48	0.5	2.1
10/10/2021 03:54	0.5	2.1



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 04:00	0.5	2.1
10/10/2021 04:06	0.4	2.1
10/10/2021 04:12	0.4	2.1
10/10/2021 04:18	0.4	2.1
10/10/2021 04:24	0.4	2.1
10/10/2021 04:30	0.3	2.1
10/10/2021 04:36	0.3	2.1
10/10/2021 04:42	0.3	2.1
10/10/2021 04:48	0.3	2.1
10/10/2021 04:54	0.4	2.1
10/10/2021 05:00	0.4	2.1
10/10/2021 05:06	0.3	2.1
10/10/2021 05:12	0.3	2.2
10/10/2021 05:18	0.3	2.2
10/10/2021 05:24	0.3	2.2
10/10/2021 05:30	0.3	2.2
10/10/2021 05:36	0.3	2.2
10/10/2021 05:42	0.3	2.2
10/10/2021 05:48	0.3	2.2
10/10/2021 05:54	0.3	2.2
10/10/2021 06:00	0.3	2.2
10/10/2021 06:06	0.3	2.2
10/10/2021 06:12	0.4	2.2
10/10/2021 06:18	0.3	2.2
10/10/2021 06:24	0.4	2.2
10/10/2021 06:30	0.4	2.2
10/10/2021 06:36	0.4	2.2
10/10/2021 06:42	0.3	2.2
10/10/2021 06:48	0.3	2.2
10/10/2021 06:54	0.3	2.2
10/10/2021 07:00	0.3	2.2
10/10/2021 07:06	0.3	2.2
10/10/2021 07:12	0.4	2.2
10/10/2021 07:18	0.2	2.2
10/10/2021 07:24	-0.1	2.2
10/10/2021 07:30	-0.2	2.2
10/10/2021 07:36	-0.2	2.2
10/10/2021 07:42	-0.3	2.2
10/10/2021 07:48	-0.3	2.2
10/10/2021 07:54	-0.3	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 08:00	-0.3	2.2
10/10/2021 08:06	-0.3	2.2
10/10/2021 08:12	-0.3	2.2
10/10/2021 08:18	-0.3	2.2
10/10/2021 08:24	0	2.2
10/10/2021 08:30	0.4	2.2
10/10/2021 08:36	0.3	2.2
10/10/2021 08:42	0.3	2.1
10/10/2021 08:48	0.3	2.1
10/10/2021 08:54	0.2	2.1
10/10/2021 09:00	0.2	2.1
10/10/2021 09:06	0.2	2.1
10/10/2021 09:12	0.3	2.2
10/10/2021 09:18	0.3	2.2
10/10/2021 09:24	0.2	2.2
10/10/2021 09:30	0.2	2.1
10/10/2021 09:36	0.2	2.1
10/10/2021 09:42	0.2	2.2
10/10/2021 09:48	0.2	2.2
10/10/2021 09:54	0.2	2.2
10/10/2021 10:00	0.2	2.2
10/10/2021 10:06	0.2	2.2
10/10/2021 10:12	0.2	2.2
10/10/2021 10:18	0.2	2.2
10/10/2021 10:24	0.2	2.2
10/10/2021 10:30	0.2	2.2
10/10/2021 10:36	0.2	2.2
10/10/2021 10:42	0.1	2.2
10/10/2021 10:48	0.1	2.2
10/10/2021 10:54	0.1	2.2
10/10/2021 11:00	0.1	2.2
10/10/2021 11:06	0.1	2.2
10/10/2021 11:12	0.1	2.2
10/10/2021 11:18	0.1	2.2
10/10/2021 11:24	0.2	2.2
10/10/2021 11:30	0.2	4.8
10/10/2021 11:36	0.2	9
10/10/2021 11:42	0.2	5.3
10/10/2021 11:48	0.3	2.3
10/10/2021 11:54	0.3	2.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 12:00	0.3	2.3
10/10/2021 12:06	0.3	2.3
10/10/2021 12:12	0.3	2.3
10/10/2021 12:18	0.3	2.3
10/10/2021 12:24	0.3	2.3
10/10/2021 12:30	0.3	2.3
10/10/2021 12:36	0.3	2.3
10/10/2021 12:42	0.3	2.3
10/10/2021 12:48	0.3	2.3
10/10/2021 12:54	0.3	2.4
10/10/2021 13:00	0.3	2.3
10/10/2021 13:06	0.2	2.3
10/10/2021 13:12	0.3	5.4
10/10/2021 13:18	0.4	8.4
10/10/2021 13:24	0.3	5.5
10/10/2021 13:30	0.3	3.8
10/10/2021 13:36	0.3	3.5
10/10/2021 13:42	0.1	3.4
10/10/2021 13:48	0	3.4
10/10/2021 13:54	0.1	3.1
10/10/2021 14:00	0.1	2.1
10/10/2021 14:06	0.2	1.6
10/10/2021 14:12	0.2	1.6
10/10/2021 14:18	0.2	1.6
10/10/2021 14:24	0.2	1.6
10/10/2021 14:30	0.3	1.6
10/10/2021 14:36	0.3	1.6
10/10/2021 14:42	0.3	1.6
10/10/2021 14:48	0.3	1.6
10/10/2021 14:54	0.3	1.6
10/10/2021 15:00	0.4	1.6
10/10/2021 15:06	0.4	1.6
10/10/2021 15:12	0.4	1.6
10/10/2021 15:18	0.4	1.6
10/10/2021 15:24	0.4	1.6
10/10/2021 15:30	0.4	1.6
10/10/2021 15:36	0.4	1.6
10/10/2021 15:42	0.4	1.6
10/10/2021 15:48	0.4	1.6
10/10/2021 15:54	0.4	1.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 16:00	0.4	1.6
10/10/2021 16:06	0.5	1.6
10/10/2021 16:12	0.5	1.6
10/10/2021 16:18	0.5	1.6
10/10/2021 16:24	0.5	1.6
10/10/2021 16:30	0.5	1.6
10/10/2021 16:36	0.5	1.6
10/10/2021 16:42	0.5	1.6
10/10/2021 16:48	0.3	1.6
10/10/2021 16:54	0	1.6
10/10/2021 17:00	0	1.7
10/10/2021 17:06	0	1.7
10/10/2021 17:12	0.1	1.7
10/10/2021 17:18	0.1	1.7
10/10/2021 17:24	0.1	1.7
10/10/2021 17:30	0.1	1.7
10/10/2021 17:36	0.1	1.7
10/10/2021 17:42	0.1	1.7
10/10/2021 17:48	0.1	1.7
10/10/2021 17:54	0	1.7
10/10/2021 18:00	0	1.7
10/10/2021 18:06	0	1.7
10/10/2021 18:12	0	1.7
10/10/2021 18:18	0	1.7
10/10/2021 18:24	0	1.7
10/10/2021 18:30	0	1.7
10/10/2021 18:36	0	1.7
10/10/2021 18:42	0	1.7
10/10/2021 18:48	0	1.7
10/10/2021 18:54	0	1.7
10/10/2021 19:00	0	1.7
10/10/2021 19:06	0.2	1.7
10/10/2021 19:12	0.3	1.7
10/10/2021 19:18	0.3	1.7
10/10/2021 19:24	0.3	1.7
10/10/2021 19:30	0	1.7
10/10/2021 19:36	-0.4	1.7
10/10/2021 19:42	-0.3	1.7
10/10/2021 19:48	-0.2	1.7
10/10/2021 19:54	-0.2	1.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/10/2021 20:00	-0.2	1.7
10/10/2021 20:06	-0.2	1.7
10/10/2021 20:12	-0.1	1.7
10/10/2021 20:18	-0.1	1.7
10/10/2021 20:24	-0.1	1.7
10/10/2021 20:30	-0.1	1.7
10/10/2021 20:36	-0.1	1.8
10/10/2021 20:42	0	1.8
10/10/2021 20:48	0	1.8
10/10/2021 20:54	0	1.8
10/10/2021 21:00	0	1.8
10/10/2021 21:06	0	1.8
10/10/2021 21:12	0	1.8
10/10/2021 21:18	0	1.8
10/10/2021 21:24	0	1.8
10/10/2021 21:30	0	1.8
10/10/2021 21:36	0	1.8
10/10/2021 21:42	0	1.8
10/10/2021 21:48	0	1.8
10/10/2021 21:54	0	1.8
10/10/2021 22:00	0	1.8
10/10/2021 22:06	0	1.8
10/10/2021 22:12	0	1.8
10/10/2021 22:18	0	1.8
10/10/2021 22:24	0	1.9
10/10/2021 22:30	0	1.9
10/10/2021 22:36	0	1.9
10/10/2021 22:42	0	1.9
10/10/2021 22:48	-0.1	1.9
10/10/2021 22:54	0	1.9
10/10/2021 23:00	-0.1	1.9
10/10/2021 23:06	0	1.8
10/10/2021 23:12	0	1.8
10/10/2021 23:18	0	1.9
10/10/2021 23:24	0	1.9
10/10/2021 23:30	0	1.9
10/10/2021 23:36	-0.1	1.9
10/10/2021 23:42	-0.2	1.9
10/10/2021 23:48	-0.2	1.9
10/10/2021 23:54	-0.2	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 00:00	-0.2	1.9
11/10/2021 00:06	-0.2	1.9
11/10/2021 00:12	-0.2	1.9
11/10/2021 00:18	-0.2	1.9
11/10/2021 00:24	-0.2	1.9
11/10/2021 00:30	-0.2	1.9
11/10/2021 00:36	-0.2	1.9
11/10/2021 00:42	-0.2	1.9
11/10/2021 00:48	-0.2	1.9
11/10/2021 00:54	-0.2	1.9
11/10/2021 01:00	-0.2	1.9
11/10/2021 01:06	-0.6	1.9
11/10/2021 01:12	-0.9	1.9
11/10/2021 01:18	-0.8	1.9
11/10/2021 01:24	-0.9	1.9
11/10/2021 01:30	-0.9	1.9
11/10/2021 01:36	-0.9	1.9
11/10/2021 01:42	-0.8	1.9
11/10/2021 01:48	-0.8	1.9
11/10/2021 01:54	-0.7	1.9
11/10/2021 02:00	-0.7	1.9
11/10/2021 02:06	-0.6	1.9
11/10/2021 02:12	-0.6	1.9
11/10/2021 02:18	-0.5	1.9
11/10/2021 02:24	-0.5	1.9
11/10/2021 02:30	-0.4	1.9
11/10/2021 02:36	-0.4	1.9
11/10/2021 02:42	-0.4	1.9
11/10/2021 02:48	-0.4	1.9
11/10/2021 02:54	-0.4	1.9
11/10/2021 03:00	-0.3	1.9
11/10/2021 03:06	-0.3	1.9
11/10/2021 03:12	-0.3	1.9
11/10/2021 03:18	-0.3	1.9
11/10/2021 03:24	-0.2	1.9
11/10/2021 03:30	-0.2	1.9
11/10/2021 03:36	-0.2	1.9
11/10/2021 03:42	-0.2	1.9
11/10/2021 03:48	-0.2	1.9

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 03:54	-0.1	1.9
11/10/2021 04:00	-0.1	1.9
11/10/2021 04:06	-0.1	1.9
11/10/2021 04:12	-0.1	1.9
11/10/2021 04:18	0	1.9
11/10/2021 04:24	-0.1	1.9
11/10/2021 04:30	-0.1	1.9
11/10/2021 04:36	0	1.9
11/10/2021 04:42	0	1.9
11/10/2021 04:48	0	1.9
11/10/2021 04:54	0	1.9
11/10/2021 05:00	0	1.9
11/10/2021 05:06	0	1.9
11/10/2021 05:12	0	1.9
11/10/2021 05:18	0	1.9
11/10/2021 05:24	0	1.9
11/10/2021 05:30	0	1.9
11/10/2021 05:36	0.1	1.9
11/10/2021 05:42	0.1	1.9
11/10/2021 05:48	0.1	1.9
11/10/2021 05:54	0	1.9
11/10/2021 06:00	0.1	1.9
11/10/2021 06:06	0.1	1.9
11/10/2021 06:12	0.1	1.9
11/10/2021 06:18	0.1	2
11/10/2021 06:24	0.1	2
11/10/2021 06:30	0.1	1.9
11/10/2021 06:36	0.1	1.9
11/10/2021 06:42	0.1	1.9
11/10/2021 06:48	0.1	1.9
11/10/2021 06:54	0.1	1.9
11/10/2021 07:00	0.1	1.9
11/10/2021 07:06	0.1	1.9
11/10/2021 07:12	0.1	1.9
11/10/2021 07:18	0.1	1.9
11/10/2021 07:24	0.1	1.9

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 07:30	0.1	1.9
11/10/2021 07:36	0.1	1.9
11/10/2021 07:42	1.8	1.9
11/10/2021 07:48	2.8	1.9
11/10/2021 07:54	1	1.9
11/10/2021 08:00	0.6	1.9
11/10/2021 08:06	0.5	1.9
11/10/2021 08:12	0.6	1.9
11/10/2021 08:18	0.6	1.9
11/10/2021 08:24	0.7	1.9
11/10/2021 08:30	0.7	1.9
11/10/2021 08:36	0.8	1.9
11/10/2021 08:42	0.8	1.9
11/10/2021 08:48	0.8	1.9
11/10/2021 08:54	0.8	1.9
11/10/2021 09:00	0.8	1.9
11/10/2021 09:06	0.7	1.9
11/10/2021 09:12	0.7	1.9
11/10/2021 09:18	0.6	1.9
11/10/2021 09:24	0.6	1.9
11/10/2021 09:30	0.5	1.9
11/10/2021 09:36	0.4	1.9
11/10/2021 09:42	0.4	1.9
11/10/2021 09:48	0.4	1.9
11/10/2021 09:54	0.3	1.9
11/10/2021 10:00	0.4	1.9
11/10/2021 10:06	0.4	1.9
11/10/2021 10:12	0.4	1.9
11/10/2021 10:18	0.3	1.9
11/10/2021 10:24	0.3	1.9
11/10/2021 10:30	0.3	1.9
11/10/2021 10:36	0.3	1.9
11/10/2021 10:42	0.3	1.9
11/10/2021 10:48	0.2	1.9
11/10/2021 10:54	0.2	1.9
11/10/2021 11:00	0.2	1.9
11/10/2021 11:06	0.1	1.9
11/10/2021 11:12	0.2	1.9
11/10/2021 11:18	0.1	1.9
11/10/2021 11:24	0.1	1.9



## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 11:30	0.1	1.9
11/10/2021 11:36	0.1	1.9
11/10/2021 11:42	0.1	1.8
11/10/2021 11:48	0.1	1.8
11/10/2021 11:54	0.1	1.9
11/10/2021 12:00	0.2	1.9
11/10/2021 12:06	0.5	1.9
11/10/2021 12:12	0.4	1.9
11/10/2021 12:18	0.5	1.9
11/10/2021 12:24	0.4	1.9
11/10/2021 12:30	0.4	1.9
11/10/2021 12:36	0.5	1.9
11/10/2021 12:42	0.6	1.9
11/10/2021 12:48	0.8	1.9
11/10/2021 12:54	0.8	1.9
11/10/2021 13:00	0.7	1.9
11/10/2021 13:06	0.7	1.9
11/10/2021 13:12	0.7	1.9
11/10/2021 13:18	0.7	1.9
11/10/2021 13:24	0.7	1.9
11/10/2021 13:30	0.7	1.9
11/10/2021 13:36	0.7	1.9
11/10/2021 13:42	0.7	1.9
11/10/2021 13:48	0.7	1.9
11/10/2021 13:54	0.7	1.9
11/10/2021 14:00	0.7	1.9
11/10/2021 14:06	0.7	1.9
11/10/2021 14:12	0.7	1.9
11/10/2021 14:18	0.7	1.9
11/10/2021 14:24	0.6	1.9
11/10/2021 14:30	0.6	1.9
11/10/2021 14:36	0.6	1.9
11/10/2021 14:42	0.7	1.9
11/10/2021 14:48	0.7	1.9
11/10/2021 14:54	0.7	1.9
11/10/2021 15:00	0.7	1.9
11/10/2021 15:06	0.7	1.9
11/10/2021 15:12	0.7	1.9
11/10/2021 15:18	0.8	1.9
11/10/2021 15:24	0.8	1.9

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 15:30	0.8	1.9
11/10/2021 15:36	0.8	1.9
11/10/2021 15:42	0.8	1.9
11/10/2021 15:48	0.8	1.9
11/10/2021 15:54	0.8	1.9
11/10/2021 16:00	0.8	1.9
11/10/2021 16:06	0.8	1.9
11/10/2021 16:12	0.8	1.9
11/10/2021 16:18	0.8	1.9
11/10/2021 16:24	0.8	1.9
11/10/2021 16:30	0.8	1.9
11/10/2021 16:36	0.8	1.9
11/10/2021 16:42	0.7	1.9
11/10/2021 16:48	0.7	1.9
11/10/2021 16:54	0.7	1.9
11/10/2021 17:00	0.7	1.9
11/10/2021 17:06	0.6	1.9
11/10/2021 17:12	0.6	1.9
11/10/2021 17:18	0.6	1.9
11/10/2021 17:24	0.6	1.9
11/10/2021 17:30	0.6	1.9
11/10/2021 17:36	0.7	1.9
11/10/2021 17:42	0.5	1.9
11/10/2021 17:48	0.4	1.9
11/10/2021 17:54	0.4	1.9
11/10/2021 18:00	0.4	1.9
11/10/2021 18:06	0.5	1.9
11/10/2021 18:12	0.5	1.9
11/10/2021 18:18	0.5	1.9
11/10/2021 18:24	0.6	1.9
11/10/2021 18:30	0.6	1.9
11/10/2021 18:36	0.6	1.9
11/10/2021 18:42	0.6	1.9
11/10/2021 18:48	0.6	1.9
11/10/2021 18:54	0.6	1.9
11/10/2021 19:00	0.6	1.9
11/10/2021 19:06	0.6	1.9
11/10/2021 19:12	0.6	1.9
11/10/2021 19:18	0.6	1.9
11/10/2021 19:24	0.6	1.9

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/10/2021 19:30	0.7	1.9
11/10/2021 19:36	0.6	1.9
11/10/2021 19:42	0.2	1.9
11/10/2021 19:48	0	1.9
11/10/2021 19:54	0.1	1.9
11/10/2021 20:00	0.1	1.9
11/10/2021 20:06	0.1	1.9
11/10/2021 20:12	0.1	1.9
11/10/2021 20:18	0.1	1.9
11/10/2021 20:24	0.1	1.9
11/10/2021 20:30	0.1	1.9
11/10/2021 20:36	0.1	1.9
11/10/2021 20:42	0.1	1.9
11/10/2021 20:48	0.1	1.9
11/10/2021 20:54	0.2	1.9
11/10/2021 21:00	0.2	1.9
11/10/2021 21:06	0.2	1.9
11/10/2021 21:12	0.1	1.9
11/10/2021 21:18	0.1	1.9
11/10/2021 21:24	0.1	1.9
11/10/2021 21:30	0	1.9
11/10/2021 21:36	0.1	1.9
11/10/2021 21:42	0.1	1.9
11/10/2021 21:48	0.1	1.9
11/10/2021 21:54	0.1	1.9
11/10/2021 22:00	0.1	1.9
11/10/2021 22:06	0.1	1.9
11/10/2021 22:12	0.1	1.9
11/10/2021 22:18	0.1	1.9
11/10/2021 22:24	0.1	1.9
11/10/2021 22:30	0.1	1.9
11/10/2021 22:36	0.1	1.9
11/10/2021 22:42	0.1	1.9
11/10/2021 22:48	0.1	1.9
11/10/2021 22:54	0.1	1.9
11/10/2021 23:00	0.1	1.9
11/10/2021 23:06	0.1	1.9
11/10/2021 23:12	0	1.9
11/10/2021 23:18	0	1.9
11/10/2021 23:24	0	1.9

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 New York, NY 10031



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Date & Time	PE 1	PE 4
	%	%
11/10/2021 23:30	0.1	1.9
11/10/2021 23:36	0.1	1.9
11/10/2021 23:42	0.1	1.9
11/10/2021 23:48	0.1	1.9
11/10/2021 23:54	0.1	1.9
12/10/2021 00:00	0.1	1.9
12/10/2021 00:06	0.1	1.9
12/10/2021 00:12	0.1	1.9
12/10/2021 00:18	0.1	1.9
12/10/2021 00:24	0.4	1.9
12/10/2021 00:30	0.4	1.9
12/10/2021 00:36	0.2	1.9
12/10/2021 00:42	0.2	1.9
12/10/2021 00:48	0.2	1.9
12/10/2021 00:54	0.2	1.9
12/10/2021 01:00	0.2	1.9
12/10/2021 01:06	0.1	1.9
12/10/2021 01:12	0.2	1.9
12/10/2021 01:18	0.2	1.9
12/10/2021 01:24	0.2	1.9
12/10/2021 01:30	0.2	2
12/10/2021 01:36	0.2	2
12/10/2021 01:42	0.2	2
12/10/2021 01:48	0.2	2
12/10/2021 01:54	0.2	2
12/10/2021 02:00	0.2	2
12/10/2021 02:06	0.2	2
12/10/2021 02:12	0.2	2
12/10/2021 02:18	0.2	2
12/10/2021 02:24	0.2	2
12/10/2021 02:30	0.2	2
12/10/2021 02:36	0.1	2
12/10/2021 02:42	0.1	2
12/10/2021 02:48	0.1	2
12/10/2021 02:54	0.1	2
12/10/2021 03:00	0.1	2
12/10/2021 03:06	0.2	2
12/10/2021 03:12	0.2	2
12/10/2021 03:18	0.2	2
12/10/2021 03:24	0.2	2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/10/2021 03:30	0.1	2
12/10/2021 03:36	0.1	2
12/10/2021 03:42	0.1	2
12/10/2021 03:48	0.1	2
12/10/2021 03:54	0.1	2
12/10/2021 04:00	0.1	2
12/10/2021 04:06	0.1	2
12/10/2021 04:12	0.2	2
12/10/2021 04:18	0.2	2
12/10/2021 04:24	0.2	2
12/10/2021 04:30	0.2	2
12/10/2021 04:36	0.4	2
12/10/2021 04:42	0.5	2
12/10/2021 04:48	0.5	2
12/10/2021 04:54	0.5	2
12/10/2021 05:00	0.5	2
12/10/2021 05:06	0.5	2
12/10/2021 05:12	0.5	2
12/10/2021 05:18	0.5	2
12/10/2021 05:24	0.5	2
12/10/2021 05:30	0.5	2
12/10/2021 05:36	0.5	2
12/10/2021 05:42	0.5	2
12/10/2021 05:48	0.6	2
12/10/2021 05:54	0.5	2
12/10/2021 06:00	0.6	2
12/10/2021 06:06	0.6	2
12/10/2021 06:12	0.5	2
12/10/2021 06:18	0.5	2
12/10/2021 06:24	0.5	2
12/10/2021 06:30	0.5	2
12/10/2021 06:36	0.5	2
12/10/2021 06:42	0.5	2
12/10/2021 06:48	0.5	2
12/10/2021 06:54	0.5	2
12/10/2021 07:00	0.5	2
12/10/2021 07:06	0.6	2
12/10/2021 07:12	0.6	2
12/10/2021 07:18	0.6	2
12/10/2021 07:24	0.6	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/10/2021 07:30	0.6	2
12/10/2021 07:36	0.7	2
12/10/2021 07:42	0.6	2
12/10/2021 07:48	0.5	2
12/10/2021 07:54	0.6	2
12/10/2021 08:00	0.6	2
12/10/2021 08:06	0.5	2
12/10/2021 08:12	0.4	2
12/10/2021 08:18	0.3	2
12/10/2021 08:24	0.4	1.9
12/10/2021 08:30	0.4	1.9
12/10/2021 08:36	0.3	1.9
12/10/2021 08:42	0.3	1.9
12/10/2021 08:48	0.3	1.9
12/10/2021 08:54	0.3	1.9
12/10/2021 09:00	0.4	1.9
12/10/2021 09:06	0.4	1.9
12/10/2021 09:12	0.4	1.9
12/10/2021 09:18	0.4	1.9
12/10/2021 09:24	0.4	1.9
12/10/2021 09:30	0.5	1.9
12/10/2021 09:36	0.4	1.9
12/10/2021 09:42	0.4	1.9
12/10/2021 09:48	0.4	1.9
12/10/2021 09:54	0.5	1.9
12/10/2021 10:00	0.5	1.9
12/10/2021 10:06	0.5	1.9
12/10/2021 10:12	0.5	1.9
12/10/2021 10:18	0.5	1.9
12/10/2021 10:24	0.5	1.9
12/10/2021 10:30	0.5	1.9
12/10/2021 10:36	0.5	1.9
12/10/2021 10:42	0.5	1.9
12/10/2021 10:48	0.5	1.9
12/10/2021 10:54	0.5	1.9
12/10/2021 11:00	0.5	1.9
12/10/2021 11:06	0.5	1.9
12/10/2021 11:12	0.5	1.9
12/10/2021 11:18	0.5	1.9
12/10/2021 11:24	0.6	1.9

## 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 4
	%	%
12/10/2021 11:30	0.6	1.9
12/10/2021 11:36	0.6	1.9
12/10/2021 11:42	0.6	1.9
12/10/2021 11:48	0.7	1.9
12/10/2021 11:54	0.7	1.9
12/10/2021 12:00	0.7	1.9
12/10/2021 12:06	0.6	1.9
12/10/2021 12:12	0.6	1.9
12/10/2021 12:18	0.7	1.9
12/10/2021 12:24	0.7	1.9
12/10/2021 12:30	0.7	1.9
12/10/2021 12:36	0.7	1.9
12/10/2021 12:42	0.8	1.9
12/10/2021 12:48	0.8	1.9
12/10/2021 12:54	0.8	1.9
12/10/2021 13:00	0.8	1.9
12/10/2021 13:06	0.8	1.9
12/10/2021 13:12	0.8	1.9
12/10/2021 13:18	0.8	1.9
12/10/2021 13:24	0.8	1.9
12/10/2021 13:30	0.7	1.9
12/10/2021 13:36	0.8	1.9
12/10/2021 13:42	0.7	1.9
12/10/2021 13:48	0.7	1.9
12/10/2021 13:54	0.7	1.9
12/10/2021 14:00	0.7	1.9
12/10/2021 14:06	0.7	1.9
12/10/2021 14:12	0.7	1.9
12/10/2021 14:18	0.6	1.9
12/10/2021 14:24	0.7	1.9
12/10/2021 14:30	0.7	1.9
12/10/2021 14:36	0.7	1.9
12/10/2021 14:42	0.7	1.9
12/10/2021 14:48	0.7	1.9
12/10/2021 14:54	0.6	1.9
12/10/2021 15:00	0.5	1.9
12/10/2021 15:06	0.6	1.9
12/10/2021 15:12	0.6	1.9
12/10/2021 15:18	0.5	1.9
12/10/2021 15:24	0.6	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/10/2021 15:30	0.6	1.9
12/10/2021 15:36	0.6	1.9
12/10/2021 15:42	0.6	1.9
12/10/2021 15:48	0.7	1.9
12/10/2021 15:54	0.6	1.9
12/10/2021 16:00	0.6	1.9
12/10/2021 16:06	0.6	1.9
12/10/2021 16:12	0.6	1.9
12/10/2021 16:18	0.6	1.9
12/10/2021 16:24	0.6	1.9
12/10/2021 16:30	0.6	1.9
12/10/2021 16:36	0.6	1.9
12/10/2021 16:42	0.6	1.9
12/10/2021 16:48	0.6	1.9
12/10/2021 16:54	0.6	1.9
12/10/2021 17:00	0.7	1.9
12/10/2021 17:06	0.6	1.9
12/10/2021 17:12	0.6	1.9
12/10/2021 17:18	0.6	1.9
12/10/2021 17:24	0.6	1.9
12/10/2021 17:30	0.6	1.9
12/10/2021 17:36	0.6	1.9
12/10/2021 17:42	0.6	1.9
12/10/2021 17:48	0.7	1.9
12/10/2021 17:54	0.6	1.9
12/10/2021 18:00	0.6	1.9
12/10/2021 18:06	0.6	1.9
12/10/2021 18:12	0.6	1.9
12/10/2021 18:18	0.6	1.9
12/10/2021 18:24	0.6	1.9
12/10/2021 18:30	0.7	1.9
12/10/2021 18:36	0.6	1.9
12/10/2021 18:42	0.7	2
12/10/2021 18:48	0.7	2
12/10/2021 18:54	0.6	2
12/10/2021 19:00	0.7	2
12/10/2021 19:06	0.7	2
12/10/2021 19:12	0.7	2
12/10/2021 19:18	0.6	2
12/10/2021 19:24	0.6	2



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 New York, NY 10031  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/10/2021 19:30	0.7	2
12/10/2021 19:36	0.8	2
12/10/2021 19:42	0.8	2
12/10/2021 19:48	0.7	2
12/10/2021 19:54	0.6	2
12/10/2021 20:00	0.6	2
12/10/2021 20:06	0.6	2
12/10/2021 20:12	0.6	2
12/10/2021 20:18	0.6	2
12/10/2021 20:24	0.6	2
12/10/2021 20:30	0.7	2
12/10/2021 20:36	0.7	2
12/10/2021 20:42	0.7	2
12/10/2021 20:48	0.7	2
12/10/2021 20:54	0.7	2
12/10/2021 21:00	0.7	2
12/10/2021 21:06	0.7	2
12/10/2021 21:12	0.6	2
12/10/2021 21:18	0.6	2
12/10/2021 21:24	0.5	2
12/10/2021 21:30	0.5	2
12/10/2021 21:36	0.5	2
12/10/2021 21:42	0.5	2
12/10/2021 21:48	0.5	2
12/10/2021 21:54	0.5	2
12/10/2021 22:00	0.5	1.9
12/10/2021 22:06	0.5	1.9
12/10/2021 22:12	0.5	1.9
12/10/2021 22:18	0.4	1.9
12/10/2021 22:24	0.5	1.9
12/10/2021 22:30	0.5	1.9
12/10/2021 22:36	0.5	1.9
12/10/2021 22:42	0.5	2
12/10/2021 22:48	0.6	2
12/10/2021 22:54	0.6	2
12/10/2021 23:00	0.5	2
12/10/2021 23:06	0.5	2
12/10/2021 23:12	0.6	2
12/10/2021 23:18	0.5	2
12/10/2021 23:24	0.5	1.9

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/10/2021 23:30	0.5	2
12/10/2021 23:36	0.6	2
12/10/2021 23:42	0.6	2
12/10/2021 23:48	0.6	2
12/10/2021 23:54	0.6	2
13/10/2021 00:00	0.5	2
13/10/2021 00:06	0.5	2
13/10/2021 00:12	0.5	2
13/10/2021 00:18	0.5	1.9
13/10/2021 00:24	0.5	1.9
13/10/2021 00:30	0.5	1.9
13/10/2021 00:36	0.5	1.9
13/10/2021 00:42	0.5	1.9
13/10/2021 00:48	0.5	1.9
13/10/2021 00:54	0.5	1.9
13/10/2021 01:00	0.5	1.9
13/10/2021 01:06	0.5	1.9
13/10/2021 01:12	0.5	1.9
13/10/2021 01:18	0.5	1.9
13/10/2021 01:24	0.5	1.9
13/10/2021 01:30	0.5	2
13/10/2021 01:36	0.4	1.9
13/10/2021 01:42	0.5	1.9
13/10/2021 01:48	0.5	1.9
13/10/2021 01:54	0.5	1.9
13/10/2021 02:00	0.5	1.9
13/10/2021 02:06	0.5	1.9
13/10/2021 02:12	0.5	1.9
13/10/2021 02:18	0.5	1.9
13/10/2021 02:24	0.5	1.9
13/10/2021 02:30	0.5	1.9
13/10/2021 02:36	0.5	1.9
13/10/2021 02:42	0.5	1.9
13/10/2021 02:48	0.5	1.9
13/10/2021 02:54	0.5	1.9
13/10/2021 03:00	0.5	1.9
13/10/2021 03:06	0.5	2
13/10/2021 03:12	0.5	2
13/10/2021 03:18	0.5	2
13/10/2021 03:24	0.5	2

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/10/2021 03:30	0.5	2
13/10/2021 03:36	0.5	2
13/10/2021 03:42	0.5	2
13/10/2021 03:48	0.5	2
13/10/2021 03:54	0.5	2
13/10/2021 04:00	0.5	2
13/10/2021 04:06	0.5	2
13/10/2021 04:12	0.5	2
13/10/2021 04:18	0.5	2
13/10/2021 04:24	0.5	2
13/10/2021 04:30	0.5	2
13/10/2021 04:36	0.5	2
13/10/2021 04:42	0.5	2
13/10/2021 04:48	0.5	2
13/10/2021 04:54	0.5	1.9
13/10/2021 05:00	0.5	1.9
13/10/2021 05:06	0.5	1.9
13/10/2021 05:12	0.6	2
13/10/2021 05:18	0.5	2
13/10/2021 05:24	0.5	2
13/10/2021 05:30	0.5	1.9
13/10/2021 05:36	0.5	1.9
13/10/2021 05:42	0.3	1.9
13/10/2021 05:48	0.2	1.9
13/10/2021 05:54	0.2	1.9
13/10/2021 06:00	0.2	2
13/10/2021 06:06	0.2	2
13/10/2021 06:12	0.2	2
13/10/2021 06:18	0.2	2
13/10/2021 06:24	0.3	1.9
13/10/2021 06:30	0.3	1.9
13/10/2021 06:36	0.3	1.9
13/10/2021 06:42	0.2	1.9
13/10/2021 06:48	0.2	1.9
13/10/2021 06:54	0.2	1.9
13/10/2021 07:00	0.2	1.9
13/10/2021 07:06	0.2	1.9
13/10/2021 07:12	0.3	1.9
13/10/2021 07:18	0.3	1.9
13/10/2021 07:24	0.3	1.9

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
13/10/2021 07:30	0.3	1.9
13/10/2021 07:36	0.3	1.9
13/10/2021 07:42	0.4	1.9
13/10/2021 07:48	0.4	1.9
13/10/2021 07:54	0.4	1.9
13/10/2021 08:00	0.4	1.9
13/10/2021 08:06	0.4	1.9
13/10/2021 08:12	0.4	1.9
13/10/2021 08:18	0.4	1.9
13/10/2021 08:24	0.4	1.9
13/10/2021 08:30	0.4	1.9
13/10/2021 08:36	0.4	1.9
13/10/2021 08:42	0.4	1.9
13/10/2021 08:48	0.4	1.9
13/10/2021 08:54	0.4	1.9
13/10/2021 09:00	0.4	1.9
13/10/2021 09:06	0.4	1.9
13/10/2021 09:12	0.5	1.9
13/10/2021 09:18	0.3	1.9
13/10/2021 09:24	0.2	1.9
13/10/2021 09:30	0.2	1.9
13/10/2021 09:36	0.2	1.9
13/10/2021 09:42	0.3	1.9
13/10/2021 09:48	0.3	1.9
13/10/2021 09:54	0.3	1.9
13/10/2021 10:00	0.3	1.9
13/10/2021 10:06	0.3	1.9
13/10/2021 10:12	0.3	1.9
13/10/2021 10:18	0.3	1.9
13/10/2021 10:24	0.3	1.9
13/10/2021 10:30	0.3	1.9
13/10/2021 10:36	0.3	1.9
13/10/2021 10:42	0.3	1.9
13/10/2021 10:48	0.3	1.9
13/10/2021 10:54	0.3	1.9
13/10/2021 11:00	0.3	1.9
13/10/2021 11:06	0.3	1.9
13/10/2021 11:12	0.3	1.9
13/10/2021 11:18	0.4	1.9
13/10/2021 11:24	0.4	1.9

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/10/2021 11:30	0.4	1.9
13/10/2021 11:36	0.4	1.9
13/10/2021 11:42	NoData	NoData
13/10/2021 11:48	NoData	NoData
13/10/2021 11:54	NoData	NoData
13/10/2021 12:00	NoData	NoData
13/10/2021 12:06	NoData	NoData
13/10/2021 12:12	NoData	NoData
13/10/2021 12:18	NoData	NoData
13/10/2021 12:24	NoData	NoData
13/10/2021 12:30	NoData	NoData
13/10/2021 12:36	<Samp	<Samp
13/10/2021 12:42	0.4	1.9
13/10/2021 12:48	0.4	1.9
13/10/2021 12:54	0.4	1.9
13/10/2021 13:00	0.4	1.9
13/10/2021 13:06	0.4	1.9
13/10/2021 13:12	0.4	1.9
13/10/2021 13:18	0.4	1.9
13/10/2021 13:24	0.4	1.9
13/10/2021 13:30	0.3	1.9
13/10/2021 13:36	0.4	1.9
13/10/2021 13:42	0.4	1.9
13/10/2021 13:48	0.4	1.9
13/10/2021 13:54	0.4	1.9
13/10/2021 14:00	0.4	1.9
13/10/2021 14:06	0.1	1.9
13/10/2021 14:12	0	1.9
13/10/2021 14:18	0	1.9
13/10/2021 14:24	0	1.9
13/10/2021 14:30	0	1.9
13/10/2021 14:36	0.1	1.9
13/10/2021 14:42	0.1	1.9
13/10/2021 14:48	0.1	2
13/10/2021 14:54	0.1	2
13/10/2021 15:00	0	1.9
13/10/2021 15:06	0	1.9
13/10/2021 15:12	0	1.9
13/10/2021 15:18	0	1.9
13/10/2021 15:24	0	1.9

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/10/2021 15:30	0	1.9
13/10/2021 15:36	0	1.9
13/10/2021 15:42	<Samp	<Samp
13/10/2021 15:48	0	1.9
13/10/2021 15:54	0	1.9
13/10/2021 16:00	<Samp	<Samp
13/10/2021 16:06	0.5	1.9
13/10/2021 16:12	0.5	1.9
13/10/2021 16:18	<Samp	<Samp
13/10/2021 16:24	0.5	1.9
13/10/2021 16:30	0.5	1.9
13/10/2021 16:36	0.5	1.9
13/10/2021 16:42	<Samp	<Samp
13/10/2021 16:48	Maintain	Maintain
13/10/2021 16:54	<Samp	<Samp
13/10/2021 17:00	0.5	1.9
13/10/2021 17:06	0.5	1.9
13/10/2021 17:12	0.4	1.9
13/10/2021 17:18	0.4	1.9
13/10/2021 17:24	NoData	NoData
13/10/2021 17:30	0.4	1.9
13/10/2021 17:36	0.4	1.9
13/10/2021 17:42	<Samp	<Samp
13/10/2021 17:48	0.4	1.9
13/10/2021 17:54	0.4	1.9
13/10/2021 18:00	<Samp	<Samp
13/10/2021 18:06	0.5	1.9
13/10/2021 18:12	0.5	1.9
13/10/2021 18:18	<Samp	<Samp
13/10/2021 18:24	0.5	1.9
13/10/2021 18:30	0.5	1.9
13/10/2021 18:36	<Samp	<Samp
13/10/2021 18:42	0.4	1.9
13/10/2021 18:48	0.4	1.9
13/10/2021 18:54	0.4	1.9
13/10/2021 19:00	0.4	1.9
13/10/2021 19:06	0.4	1.9
13/10/2021 19:12	<Samp	<Samp
13/10/2021 19:18	0.4	1.9
13/10/2021 19:24	NoData	NoData

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
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13/10/2021 19:36	0.4	1.9
13/10/2021 19:42	<Samp	<Samp
13/10/2021 19:48	0.4	1.9
13/10/2021 19:54	0.4	1.9
13/10/2021 20:00	<Samp	<Samp
13/10/2021 20:06	0.4	1.9
13/10/2021 20:12	0.4	1.9
13/10/2021 20:18	<Samp	<Samp
13/10/2021 20:24	0.5	1.9
13/10/2021 20:30	0.5	1.9
13/10/2021 20:36	<Samp	<Samp
13/10/2021 20:42	0.4	1.9
13/10/2021 20:48	0.4	1.9
13/10/2021 20:54	0.4	1.9
13/10/2021 21:00	0.4	1.9
13/10/2021 21:06	NoData	NoData
13/10/2021 21:12	0.4	1.9
13/10/2021 21:18	0.4	1.9
13/10/2021 21:24	<Samp	<Samp
13/10/2021 21:30	0.4	1.9
13/10/2021 21:36	0.4	1.9
13/10/2021 21:42	<Samp	<Samp
13/10/2021 21:48	0.5	1.9
13/10/2021 21:54	0.4	1.9
13/10/2021 22:00	<Samp	<Samp
13/10/2021 22:06	0.3	1.9
13/10/2021 22:12	0.4	1.9
13/10/2021 22:18	<Samp	<Samp
13/10/2021 22:24	0.4	1.9
13/10/2021 22:30	0.5	1.9
13/10/2021 22:36	<Samp	<Samp
13/10/2021 22:42	0.4	1.9
13/10/2021 22:48	0.4	1.9
13/10/2021 22:54	0.4	1.9
13/10/2021 23:00	0.4	1.9
13/10/2021 23:06	NoData	NoData
13/10/2021 23:12	0.5	1.9
13/10/2021 23:18	0.5	1.9
13/10/2021 23:24	<Samp	<Samp

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
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13/10/2021 23:36	0.4	1.9
13/10/2021 23:42	<Samp	<Samp
13/10/2021 23:48	0.3	1.9
13/10/2021 23:54	0.3	1.9
14/10/2021 00:00	<Samp	<Samp
14/10/2021 00:06	0.4	1.9
14/10/2021 00:12	0.4	1.9
14/10/2021 00:18	<Samp	<Samp
14/10/2021 00:24	0.4	1.9
14/10/2021 00:30	0	1.9
14/10/2021 00:36	<Samp	<Samp
14/10/2021 00:42	-0.3	1.9
14/10/2021 00:48	-0.3	1.9
14/10/2021 00:54	-0.2	1.9
14/10/2021 01:00	-0.2	1.9
14/10/2021 01:06	NoData	NoData
14/10/2021 01:12	-0.2	1.9
14/10/2021 01:18	-0.2	1.9
14/10/2021 01:24	<Samp	<Samp
14/10/2021 01:30	-0.2	1.9
14/10/2021 01:36	-0.2	1.9
14/10/2021 01:42	<Samp	<Samp
14/10/2021 01:48	0	1.9
14/10/2021 01:54	0.2	1.9
14/10/2021 02:00	<Samp	<Samp
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14/10/2021 02:12	0.1	1.9
14/10/2021 02:18	<Samp	<Samp
14/10/2021 02:24	0.1	1.9
14/10/2021 02:30	0.1	1.9
14/10/2021 02:36	<Samp	<Samp
14/10/2021 02:42	0.2	1.9
14/10/2021 02:48	0.2	1.9
14/10/2021 02:54	0.2	1.9
14/10/2021 03:00	0.3	1.9
14/10/2021 03:06	NoData	NoData
14/10/2021 03:12	0.2	1.9
14/10/2021 03:18	0.2	1.9
14/10/2021 03:24	<Samp	<Samp



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Date & Time	PE 1	PE 4
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14/10/2021 03:36	0.1	1.9
14/10/2021 03:42	<Samp	<Samp
14/10/2021 03:48	0.1	1.9
14/10/2021 03:54	0.1	1.9
14/10/2021 04:00	<Samp	<Samp
14/10/2021 04:06	0.2	2
14/10/2021 04:12	0.2	2
14/10/2021 04:18	<Samp	<Samp
14/10/2021 04:24	0.2	2
14/10/2021 04:30	0.2	2
14/10/2021 04:36	0.2	2
14/10/2021 04:42	0.2	2
14/10/2021 04:48	0.2	2
14/10/2021 04:54	0.2	2
14/10/2021 05:00	0.2	2
14/10/2021 05:06	NoData	NoData
14/10/2021 05:12	0.2	2
14/10/2021 05:18	0.2	2
14/10/2021 05:24	<Samp	<Samp
14/10/2021 05:30	0.2	2
14/10/2021 05:36	0.3	2
14/10/2021 05:42	<Samp	<Samp
14/10/2021 05:48	0.1	2
14/10/2021 05:54	0.1	2
14/10/2021 06:00	0.1	2
14/10/2021 06:06	0.1	2
14/10/2021 06:12	0.1	2
14/10/2021 06:18	<Samp	<Samp
14/10/2021 06:24	0.1	2
14/10/2021 06:30	0.1	2
14/10/2021 06:36	0.1	1.9
14/10/2021 06:42	0.1	1.9
14/10/2021 06:48	NoData	NoData
14/10/2021 06:54	0.1	1.9
14/10/2021 07:00	0.1	1.9
14/10/2021 07:06	<Samp	<Samp
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14/10/2021 07:18	0.1	1.9
14/10/2021 07:24	<Samp	<Samp

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All Opacity Data

Date & Time	PE 1	PE 4
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14/10/2021 07:42	<Samp	<Samp
14/10/2021 07:48	0.2	1.9
14/10/2021 07:54	0.1	2
14/10/2021 08:00	<Samp	<Samp
14/10/2021 08:06	0.2	2
14/10/2021 08:12	0.3	2
14/10/2021 08:18	<Samp	<Samp
14/10/2021 08:24	0.3	2
14/10/2021 08:30	0.3	2
14/10/2021 08:36	0.3	2
14/10/2021 08:42	0.3	2
14/10/2021 08:48	NoData	NoData
14/10/2021 08:54	0.3	1.9
14/10/2021 09:00	0.3	1.9
14/10/2021 09:06	<Samp	<Samp
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14/10/2021 09:42	<Samp	<Samp
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14/10/2021 10:42	0.4	1.9
14/10/2021 10:48	NoData	NoData
14/10/2021 10:54	0.4	1.9
14/10/2021 11:00	0.4	1.9
14/10/2021 11:06	<Samp	<Samp
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14/10/2021 11:18	0.4	1.9
14/10/2021 11:24	<Samp	<Samp

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Date & Time	PE 1	PE 4
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14/10/2021 11:54	0.5	1.9
14/10/2021 12:00	<Samp	<Samp
14/10/2021 12:06	0.5	1.9
14/10/2021 12:12	0.5	1.9
14/10/2021 12:18	0.5	1.9
14/10/2021 12:24	0.5	1.9
14/10/2021 12:30	0.2	1.9
14/10/2021 12:36	-0.1	1.9
14/10/2021 12:42	-0.1	1.9
14/10/2021 12:48	0	1.9
14/10/2021 12:54	-0.1	1.9
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14/10/2021 13:24	<Samp	<Samp
14/10/2021 13:30	0	1.9
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14/10/2021 13:42	<Samp	<Samp
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14/10/2021 13:54	0	1.9
14/10/2021 14:00	<Samp	<Samp
14/10/2021 14:06	0	1.9
14/10/2021 14:12	0	1.9
14/10/2021 14:18	0	1.9
14/10/2021 14:24	0	1.9
14/10/2021 14:30	NoData	NoData
14/10/2021 14:36	0	1.9
14/10/2021 14:42	0	1.9
14/10/2021 14:48	<Samp	<Samp
14/10/2021 14:54	0	1.9
14/10/2021 15:00	0	1.9
14/10/2021 15:06	<Samp	<Samp
14/10/2021 15:12	0	1.9
14/10/2021 15:18	0	1.9
14/10/2021 15:24	NoData	NoData

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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14/10/2021 15:36	NoData	NoData
14/10/2021 15:42	NoData	NoData
14/10/2021 15:48	Calib	Calib
14/10/2021 15:54	Calib	Calib
14/10/2021 16:00	<Samp	<Samp
14/10/2021 16:06	0	2
14/10/2021 16:12	0	2
14/10/2021 16:18	0.1	2
14/10/2021 16:24	0	2
14/10/2021 16:30	NoData	NoData
14/10/2021 16:36	0.1	2
14/10/2021 16:42	0.1	2
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14/10/2021 16:54	0.1	2
14/10/2021 17:00	0.1	2
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14/10/2021 17:12	0.2	2
14/10/2021 17:18	0.6	2
14/10/2021 17:24	<Samp	<Samp
14/10/2021 17:30	0.7	2
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14/10/2021 20:00	<Samp	<Samp
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14/10/2021 20:24	0.4	2
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14/10/2021 21:00	0.4	2
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14/10/2021 21:18	0.2	2
14/10/2021 21:24	0.2	2
14/10/2021 21:30	0.3	2
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14/10/2021 21:42	<Samp	<Samp
14/10/2021 21:48	0.2	1.9
14/10/2021 21:54	0.2	1.9
14/10/2021 22:00	0.2	1.9
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14/10/2021 22:18	0.2	1.9
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14/10/2021 22:30	NoData	NoData
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14/10/2021 22:48	<Samp	<Samp
14/10/2021 22:54	0.2	2
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14/10/2021 23:24	<Samp	<Samp

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Date & Time	PE 1	PE 4
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14/10/2021 23:54	0.2	2
15/10/2021 00:00	0.3	2
15/10/2021 00:06	0.3	2
15/10/2021 00:12	0.3	2
15/10/2021 00:18	0.4	2
15/10/2021 00:24	0.2	2
15/10/2021 00:30	NoData	NoData
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All Opacity Data

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15/10/2021 03:54	-0.3	2
15/10/2021 04:00	-0.2	2
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15/10/2021 04:12	NoData	NoData
15/10/2021 04:18	-0.2	2
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15/10/2021 05:00	-0.1	2
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15/10/2021 05:24	<Samp	<Samp
15/10/2021 05:30	0	2
15/10/2021 05:36	0	2
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15/10/2021 05:54	-0.1	2
15/10/2021 06:00	0	2
15/10/2021 06:06	0	2
15/10/2021 06:12	NoData	NoData
15/10/2021 06:18	0	2
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15/10/2021 06:36	0	2
15/10/2021 06:42	0	2
15/10/2021 06:48	<Samp	<Samp
15/10/2021 06:54	0	2
15/10/2021 07:00	0	2
15/10/2021 07:06	<Samp	<Samp
15/10/2021 07:12	0	2
15/10/2021 07:18	0	2
15/10/2021 07:24	<Samp	<Samp

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
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15/10/2021 07:36	0.1	2
15/10/2021 07:42	<Samp	<Samp
15/10/2021 07:48	0.1	2
15/10/2021 07:54	0.1	2
15/10/2021 08:00	0.1	2
15/10/2021 08:06	0.1	2
15/10/2021 08:12	NoData	NoData
15/10/2021 08:18	0.9	2
15/10/2021 08:24	0.8	2
15/10/2021 08:30	<Samp	<Samp
15/10/2021 08:36	1	2
15/10/2021 08:42	1.1	2
15/10/2021 08:48	<Samp	<Samp
15/10/2021 08:54	1	2
15/10/2021 09:00	0.9	2
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15/10/2021 09:12	0.8	2
15/10/2021 09:18	0.7	2
15/10/2021 09:24	<Samp	<Samp
15/10/2021 09:30	0.6	1.9
15/10/2021 09:36	0.6	1.9
15/10/2021 09:42	0.5	1.9
15/10/2021 09:48	0.4	1.9
15/10/2021 09:54	NoData	NoData
15/10/2021 10:00	0.3	1.9
15/10/2021 10:06	0.3	1.9
15/10/2021 10:12	NoData	NoData
15/10/2021 10:18	0.2	1.9
15/10/2021 10:24	0.2	1.9
15/10/2021 10:30	<Samp	<Samp
15/10/2021 10:36	0.1	1.9
15/10/2021 10:42	NoData	NoData
15/10/2021 10:48	<Samp	<Samp
15/10/2021 10:54	0.1	1.9
15/10/2021 11:00	NoData	NoData
15/10/2021 11:06	0	1.9
15/10/2021 11:12	0	1.9
15/10/2021 11:18	<Samp	<Samp
15/10/2021 11:24	0	1.9



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/10/2021 11:30	0	1.9
15/10/2021 11:36	<Samp	<Samp
15/10/2021 11:42	0	1.9
15/10/2021 11:48	0.1	1.9
15/10/2021 11:54	<Samp	<Samp
15/10/2021 12:00	Calib	Calib
15/10/2021 12:06	0	1.9
15/10/2021 12:12	0	1.9
15/10/2021 12:18	0	1.9
15/10/2021 12:24	0	1.9
15/10/2021 12:30	0	1.9
15/10/2021 12:36	0.4	1.9
15/10/2021 12:42	0.8	1.9
15/10/2021 12:48	0.7	1.9
15/10/2021 12:54	0.6	1.9
15/10/2021 13:00	0.6	1.9
15/10/2021 13:06	0.6	1.9
15/10/2021 13:12	0.5	1.9
15/10/2021 13:18	<Samp	<Samp
15/10/2021 13:24	0.5	1.9
15/10/2021 13:30	0.5	1.9
15/10/2021 13:36	0.5	1.9
15/10/2021 13:42	0.4	1.9
15/10/2021 13:48	0.4	1.9
15/10/2021 13:54	<Samp	<Samp
15/10/2021 14:00	0.5	1.9
15/10/2021 14:06	0.4	1.9
15/10/2021 14:12	<Samp	<Samp
15/10/2021 14:18	0.4	1.9
15/10/2021 14:24	0.4	1.9
15/10/2021 14:30	0.4	1.9
15/10/2021 14:36	0.3	1.9
15/10/2021 14:42	NoData	NoData
15/10/2021 14:48	0.3	1.9
15/10/2021 14:54	0.3	1.9
15/10/2021 15:00	<Samp	<Samp
15/10/2021 15:06	0.3	1.9
15/10/2021 15:12	0.3	1.9
15/10/2021 15:18	<Samp	<Samp
15/10/2021 15:24	0.3	1.9

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15/10/2021 15:30	0.3	1.9
15/10/2021 15:36	<Samp	<Samp
15/10/2021 15:42	0.3	1.9
15/10/2021 15:48	0.3	1.9
15/10/2021 15:54	<Samp	<Samp
15/10/2021 16:00	0.3	1.9
15/10/2021 16:06	0.3	1.9
15/10/2021 16:12	<Samp	<Samp
15/10/2021 16:18	0.3	1.9
15/10/2021 16:24	0.3	1.9
15/10/2021 16:30	<Samp	<Samp
15/10/2021 16:36	0.2	1.9
15/10/2021 16:42	NoData	NoData
15/10/2021 16:48	<Samp	<Samp
15/10/2021 16:54	0.2	1.9
15/10/2021 17:00	<Samp	<Samp
15/10/2021 17:06	0.2	1.9
15/10/2021 17:12	0.2	1.9
15/10/2021 17:18	<Samp	<Samp
15/10/2021 17:24	0.2	1.9
15/10/2021 17:30	0.2	1.9
15/10/2021 17:36	<Samp	<Samp
15/10/2021 17:42	0.2	1.9
15/10/2021 17:48	0.2	1.9
15/10/2021 17:54	<Samp	<Samp
15/10/2021 18:00	0.2	1.9
15/10/2021 18:06	0.2	1.9
15/10/2021 18:12	<Samp	<Samp
15/10/2021 18:18	0.2	1.9
15/10/2021 18:24	0.2	1.9
15/10/2021 18:30	0.1	1.9
15/10/2021 18:36	0.2	1.9
15/10/2021 18:42	NoData	NoData
15/10/2021 18:48	0.1	1.9
15/10/2021 18:54	0.1	1.9
15/10/2021 19:00	<Samp	<Samp
15/10/2021 19:06	0.5	1.9
15/10/2021 19:12	0.6	1.9
15/10/2021 19:18	<Samp	<Samp
15/10/2021 19:24	0.4	1.9

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15/10/2021 19:30	0.4	1.9
15/10/2021 19:36	<Samp	<Samp
15/10/2021 19:42	0.4	1.9
15/10/2021 19:48	0.4	1.9
15/10/2021 19:54	<Samp	<Samp
15/10/2021 20:00	0.4	1.9
15/10/2021 20:06	0.4	1.9
15/10/2021 20:12	0.4	1.9
15/10/2021 20:18	0.4	1.9
15/10/2021 20:24	NoData	NoData
15/10/2021 20:30	0.3	1.9
15/10/2021 20:36	0.2	1.9
15/10/2021 20:42	NoData	NoData
15/10/2021 20:48	0	1.9
15/10/2021 20:54	0.1	1.9
15/10/2021 21:00	<Samp	<Samp
15/10/2021 21:06	0.1	1.9
15/10/2021 21:12	0.1	1.9
15/10/2021 21:18	<Samp	<Samp
15/10/2021 21:24	0.1	1.9
15/10/2021 21:30	0.1	1.9
15/10/2021 21:36	<Samp	<Samp
15/10/2021 21:42	0.1	1.9
15/10/2021 21:48	0.1	1.9
15/10/2021 21:54	<Samp	<Samp
15/10/2021 22:00	0.1	1.9
15/10/2021 22:06	0.1	1.9
15/10/2021 22:12	<Samp	<Samp
15/10/2021 22:18	0.1	1.9
15/10/2021 22:24	NoData	NoData
15/10/2021 22:30	0.1	1.9
15/10/2021 22:36	0.1	1.9
15/10/2021 22:42	<Samp	<Samp
15/10/2021 22:48	0.5	2
15/10/2021 22:54	0.2	2
15/10/2021 23:00	<Samp	<Samp
15/10/2021 23:06	-0.3	1.9
15/10/2021 23:12	-0.2	2
15/10/2021 23:18	<Samp	<Samp
15/10/2021 23:24	-0.2	1.9

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Date & Time	PE 1	PE 4
	%	%
15/10/2021 23:30	-0.2	1.9
15/10/2021 23:36	<Samp	<Samp
15/10/2021 23:42	-0.1	1.9
15/10/2021 23:48	-0.1	1.9
15/10/2021 23:54	<Samp	<Samp
16/10/2021 00:00	-0.1	1.9
16/10/2021 00:06	-0.1	1.9
16/10/2021 00:12	-0.1	1.9
16/10/2021 00:18	-0.1	1.9
16/10/2021 00:24	NoData	NoData
16/10/2021 00:30	-0.1	1.9
16/10/2021 00:36	-0.1	1.9
16/10/2021 00:42	<Samp	<Samp
16/10/2021 00:48	0	1.9
16/10/2021 00:54	0	1.9
16/10/2021 01:00	<Samp	<Samp
16/10/2021 01:06	0	1.9
16/10/2021 01:12	0	1.9
16/10/2021 01:18	<Samp	<Samp
16/10/2021 01:24	0	1.9
16/10/2021 01:30	0	1.9
16/10/2021 01:36	<Samp	<Samp
16/10/2021 01:42	0	1.9
16/10/2021 01:48	0	2
16/10/2021 01:54	<Samp	<Samp
16/10/2021 02:00	0	2
16/10/2021 02:06	0	2
16/10/2021 02:12	0	2
16/10/2021 02:18	0	2
16/10/2021 02:24	NoData	NoData
16/10/2021 02:30	0	2
16/10/2021 02:36	0	2
16/10/2021 02:42	<Samp	<Samp
16/10/2021 02:48	-0.1	2
16/10/2021 02:54	0	2
16/10/2021 03:00	<Samp	<Samp
16/10/2021 03:06	0	2
16/10/2021 03:12	0	2
16/10/2021 03:18	<Samp	<Samp
16/10/2021 03:24	0	2

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Date & Time	PE 1	PE 4
	%	%
16/10/2021 03:30	0	2
16/10/2021 03:36	<Samp	<Samp
16/10/2021 03:42	0.1	2
16/10/2021 03:48	0.1	2
16/10/2021 03:54	<Samp	<Samp
16/10/2021 04:00	0.4	2
16/10/2021 04:06	0.4	2
16/10/2021 04:12	0.4	2
16/10/2021 04:18	0.3	1.9
16/10/2021 04:24	NoData	NoData
16/10/2021 04:30	0.3	2
16/10/2021 04:36	0.3	2
16/10/2021 04:42	<Samp	<Samp
16/10/2021 04:48	0.3	2
16/10/2021 04:54	0.3	2
16/10/2021 05:00	<Samp	<Samp
16/10/2021 05:06	0.3	1.9
16/10/2021 05:12	0.3	2
16/10/2021 05:18	<Samp	<Samp
16/10/2021 05:24	0.4	2
16/10/2021 05:30	0.4	2
16/10/2021 05:36	<Samp	<Samp
16/10/2021 05:42	0.4	1.9
16/10/2021 05:48	0.4	1.9
16/10/2021 05:54	0.3	1.9
16/10/2021 06:00	0.4	1.9
16/10/2021 06:06	NoData	NoData
16/10/2021 06:12	0.4	1.9
16/10/2021 06:18	0.4	1.9
16/10/2021 06:24	NoData	NoData
16/10/2021 06:30	0.5	1.9
16/10/2021 06:36	0.5	1.9
16/10/2021 06:42	<Samp	<Samp
16/10/2021 06:48	0.4	1.9
16/10/2021 06:54	0.4	1.9
16/10/2021 07:00	<Samp	<Samp
16/10/2021 07:06	0.4	1.9
16/10/2021 07:12	0.4	1.9
16/10/2021 07:18	<Samp	<Samp
16/10/2021 07:24	0.4	1.9

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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16/10/2021 07:36	<Samp	<Samp
16/10/2021 07:42	0.4	1.9
16/10/2021 07:48	0.4	1.9
16/10/2021 07:54	0.4	1.9
16/10/2021 08:00	0.4	1.9
16/10/2021 08:06	NoData	NoData
16/10/2021 08:12	0.4	1.9
16/10/2021 08:18	0.4	1.9
16/10/2021 08:24	<Samp	<Samp
16/10/2021 08:30	0.4	1.9
16/10/2021 08:36	0.4	1.9
16/10/2021 08:42	<Samp	<Samp
16/10/2021 08:48	0.4	1.9
16/10/2021 08:54	0.4	1.9
16/10/2021 09:00	<Samp	<Samp
16/10/2021 09:06	0.4	1.9
16/10/2021 09:12	0.2	1.9
16/10/2021 09:18	<Samp	<Samp
16/10/2021 09:24	0.1	1.9
16/10/2021 09:30	0.1	1.9
16/10/2021 09:36	<Samp	<Samp
16/10/2021 09:42	0.2	1.9
16/10/2021 09:48	0.2	1.9
16/10/2021 09:54	0.2	1.9
16/10/2021 10:00	0.2	1.9
16/10/2021 10:06	NoData	NoData
16/10/2021 10:12	0.3	1.9
16/10/2021 10:18	0.3	1.9
16/10/2021 10:24	<Samp	<Samp
16/10/2021 10:30	0.3	1.9
16/10/2021 10:36	0.3	1.9
16/10/2021 10:42	<Samp	<Samp
16/10/2021 10:48	0.3	1.9
16/10/2021 10:54	0.3	1.9
16/10/2021 11:00	<Samp	<Samp
16/10/2021 11:06	0.3	1.9
16/10/2021 11:12	0.3	1.9
16/10/2021 11:18	<Samp	<Samp
16/10/2021 11:24	0.3	1.9

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/10/2021 11:30	0.3	1.9
16/10/2021 11:36	<Samp	<Samp
16/10/2021 11:42	0.4	1.9
16/10/2021 11:48	0.4	1.9
16/10/2021 11:54	0.4	1.9
16/10/2021 12:00	0.3	1.9
16/10/2021 12:06	NoData	NoData
16/10/2021 12:12	0.3	1.9
16/10/2021 12:18	0.3	1.9
16/10/2021 12:24	<Samp	<Samp
16/10/2021 12:30	0.3	1.9
16/10/2021 12:36	0.3	1.9
16/10/2021 12:42	<Samp	<Samp
16/10/2021 12:48	0.3	1.9
16/10/2021 12:54	0.3	1.9
16/10/2021 13:00	<Samp	<Samp
16/10/2021 13:06	0.3	1.9
16/10/2021 13:12	0.3	1.9
16/10/2021 13:18	<Samp	<Samp
16/10/2021 13:24	0.4	1.9
16/10/2021 13:30	0.4	1.9
16/10/2021 13:36	<Samp	<Samp
16/10/2021 13:42	0.4	1.9
16/10/2021 13:48	0.4	1.9
16/10/2021 13:54	0.4	12.1
16/10/2021 14:00	0.4	7.2
16/10/2021 14:06	NoData	NoData
16/10/2021 14:12	0.2	1.9
16/10/2021 14:18	0.1	1.9
16/10/2021 14:24	<Samp	<Samp
16/10/2021 14:30	0.1	1.8
16/10/2021 14:36	0.1	1.8
16/10/2021 14:42	<Samp	<Samp
16/10/2021 14:48	0.1	1.8
16/10/2021 14:54	0.1	1.9
16/10/2021 15:00	<Samp	<Samp
16/10/2021 15:06	0.1	1.9
16/10/2021 15:12	0.1	1.9
16/10/2021 15:18	<Samp	<Samp
16/10/2021 15:24	0.1	1.9

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Date & Time	PE 1	PE 4
	%	%
16/10/2021 15:30	0.1	1.9
16/10/2021 15:36	0.1	1.9
16/10/2021 15:42	0.1	1.9
16/10/2021 15:48	NoData	NoData
16/10/2021 15:54	0.1	1.9
16/10/2021 16:00	0.1	1.9
16/10/2021 16:06	NoData	NoData
16/10/2021 16:12	0	1.9
16/10/2021 16:18	0	1.9
16/10/2021 16:24	<Samp	<Samp
16/10/2021 16:30	0.4	1.9
16/10/2021 16:36	0.3	1.9
16/10/2021 16:42	<Samp	<Samp
16/10/2021 16:48	0.3	1.9
16/10/2021 16:54	0.3	1.9
16/10/2021 17:00	<Samp	<Samp
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16/10/2021 17:12	0.4	1.9
16/10/2021 17:18	<Samp	<Samp
16/10/2021 17:24	0.3	1.9
16/10/2021 17:30	0.3	1.9
16/10/2021 17:36	0.4	2
16/10/2021 17:42	0.3	2
16/10/2021 17:48	NoData	NoData
16/10/2021 17:54	-0.1	2
16/10/2021 18:00	-0.1	2
16/10/2021 18:06	<Samp	<Samp
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16/10/2021 18:18	-0.1	2
16/10/2021 18:24	<Samp	<Samp
16/10/2021 18:30	-0.1	2
16/10/2021 18:36	-0.1	2
16/10/2021 18:42	<Samp	<Samp
16/10/2021 18:48	0.1	2
16/10/2021 18:54	0.1	2
16/10/2021 19:00	<Samp	<Samp
16/10/2021 19:06	0.1	1.9
16/10/2021 19:12	0.2	1.9
16/10/2021 19:18	<Samp	<Samp
16/10/2021 19:24	0.2	1.9



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	%	%
16/10/2021 19:30	0.2	1.9
16/10/2021 19:36	0.2	1.9
16/10/2021 19:42	0.1	1.9
16/10/2021 19:48	NoData	NoData
16/10/2021 19:54	0	1.9
16/10/2021 20:00	0	2
16/10/2021 20:06	<Samp	<Samp
16/10/2021 20:12	0	2
16/10/2021 20:18	-0.1	2
16/10/2021 20:24	<Samp	<Samp
16/10/2021 20:30	-0.1	2
16/10/2021 20:36	-0.1	2
16/10/2021 20:42	<Samp	<Samp
16/10/2021 20:48	-0.2	2.1
16/10/2021 20:54	-0.1	2.1
16/10/2021 21:00	<Samp	<Samp
16/10/2021 21:06	0	2.2
16/10/2021 21:12	0	2.2
16/10/2021 21:18	<Samp	<Samp
16/10/2021 21:24	0.1	2.2
16/10/2021 21:30	-0.1	2.3
16/10/2021 21:36	-0.2	2.3
16/10/2021 21:42	0	2.3
16/10/2021 21:48	NoData	NoData
16/10/2021 21:54	0	2.3
16/10/2021 22:00	0	2.3
16/10/2021 22:06	<Samp	<Samp
16/10/2021 22:12	0.3	2.3
16/10/2021 22:18	0.4	2.3
16/10/2021 22:24	<Samp	<Samp
16/10/2021 22:30	0.3	9.6
16/10/2021 22:36	0.3	5.3
16/10/2021 22:42	<Samp	<Samp
16/10/2021 22:48	0.3	4
16/10/2021 22:54	0.2	3.9
16/10/2021 23:00	<Samp	<Samp
16/10/2021 23:06	0.2	3.5
16/10/2021 23:12	0.2	3.4
16/10/2021 23:18	0	3.5
16/10/2021 23:24	0	3.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/10/2021 23:30	0	3.5
16/10/2021 23:36	-0.1	3.4
16/10/2021 23:42	0	3.4
16/10/2021 23:48	NoData	NoData
16/10/2021 23:54	0.1	3.3
17/10/2021 00:00	0.1	3.3
17/10/2021 00:06	<Samp	<Samp
17/10/2021 00:12	0	3.2
17/10/2021 00:18	-0.1	3.2
17/10/2021 00:24	<Samp	<Samp
17/10/2021 00:30	0.1	1.7
17/10/2021 00:36	0.1	1.7
17/10/2021 00:42	<Samp	<Samp
17/10/2021 00:48	0	1.7
17/10/2021 00:54	0	1.7
17/10/2021 01:00	<Samp	<Samp
17/10/2021 01:06	0	1.7
17/10/2021 01:12	0	1.7
17/10/2021 01:18	0	1.7
17/10/2021 01:24	-0.6	1.7
17/10/2021 01:30	NoData	NoData
17/10/2021 01:36	-1.3	1.6
17/10/2021 01:42	-1.3	1.6
17/10/2021 01:48	NoData	NoData
17/10/2021 01:54	-1.3	1.7
17/10/2021 02:00	-1.3	1.7
17/10/2021 02:06	<Samp	<Samp
17/10/2021 02:12	-1.1	1.7
17/10/2021 02:18	-1.1	1.7
17/10/2021 02:24	<Samp	<Samp
17/10/2021 02:30	-1	1.7
17/10/2021 02:36	-1	1.7
17/10/2021 02:42	<Samp	<Samp
17/10/2021 02:48	-1	1.7
17/10/2021 02:54	-0.9	1.7
17/10/2021 03:00	<Samp	<Samp
17/10/2021 03:06	-1	1.7
17/10/2021 03:12	-0.9	1.7
17/10/2021 03:18	-0.9	1.7
17/10/2021 03:24	-0.8	1.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/10/2021 03:30	NoData	NoData
17/10/2021 03:36	-0.7	1.7
17/10/2021 03:42	-0.8	1.7
17/10/2021 03:48	<Samp	<Samp
17/10/2021 03:54	-0.7	1.7
17/10/2021 04:00	-0.7	1.7
17/10/2021 04:06	<Samp	<Samp
17/10/2021 04:12	-0.7	1.7
17/10/2021 04:18	-0.6	1.7
17/10/2021 04:24	<Samp	<Samp
17/10/2021 04:30	-0.6	1.7
17/10/2021 04:36	-0.6	1.7
17/10/2021 04:42	<Samp	<Samp
17/10/2021 04:48	-0.6	1.7
17/10/2021 04:54	-0.6	1.7
17/10/2021 05:00	<Samp	<Samp
17/10/2021 05:06	-0.5	1.7
17/10/2021 05:12	-0.5	1.7
17/10/2021 05:18	-0.5	1.7
17/10/2021 05:24	-0.5	1.7
17/10/2021 05:30	NoData	NoData
17/10/2021 05:36	-0.6	1.7
17/10/2021 05:42	-0.5	1.7
17/10/2021 05:48	<Samp	<Samp
17/10/2021 05:54	-0.5	1.7
17/10/2021 06:00	-0.5	1.7
17/10/2021 06:06	<Samp	<Samp
17/10/2021 06:12	-0.4	1.7
17/10/2021 06:18	-0.4	1.7
17/10/2021 06:24	<Samp	<Samp
17/10/2021 06:30	-0.4	1.7
17/10/2021 06:36	-0.4	1.7
17/10/2021 06:42	<Samp	<Samp
17/10/2021 06:48	-0.4	1.7
17/10/2021 06:54	-0.4	1.7
17/10/2021 07:00	<Samp	<Samp
17/10/2021 07:06	-0.4	1.7
17/10/2021 07:12	-0.4	1.7
17/10/2021 07:18	-0.4	1.8
17/10/2021 07:24	-0.4	1.8

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/10/2021 07:30	NoData	NoData
17/10/2021 07:36	-0.5	1.7
17/10/2021 07:42	-0.5	1.7
17/10/2021 07:48	<Samp	<Samp
17/10/2021 07:54	-0.7	1.8
17/10/2021 08:00	-0.7	1.7
17/10/2021 08:06	<Samp	<Samp
17/10/2021 08:12	-0.7	1.7
17/10/2021 08:18	-0.8	1.7
17/10/2021 08:24	<Samp	<Samp
17/10/2021 08:30	-0.8	1.7
17/10/2021 08:36	-0.8	1.8
17/10/2021 08:42	<Samp	<Samp
17/10/2021 08:48	-0.8	1.7
17/10/2021 08:54	-0.8	1.7
17/10/2021 09:00	-0.8	1.7
17/10/2021 09:06	-0.8	1.7
17/10/2021 09:12	1.1	1.7
17/10/2021 09:18	<Samp	<Samp
17/10/2021 09:24	0.3	1.7
17/10/2021 09:30	NoData	NoData
17/10/2021 09:36	0.6	1.7
17/10/2021 09:42	0.6	1.7
17/10/2021 09:48	<Samp	<Samp
17/10/2021 09:54	0.6	1.7
17/10/2021 10:00	0.6	1.7
17/10/2021 10:06	<Samp	<Samp
17/10/2021 10:12	0.4	1.7
17/10/2021 10:18	0.3	1.7
17/10/2021 10:24	<Samp	<Samp
17/10/2021 10:30	0.2	1.7
17/10/2021 10:36	0.2	1.7
17/10/2021 10:42	<Samp	<Samp
17/10/2021 10:48	0	1.7
17/10/2021 10:54	0	1.7
17/10/2021 11:00	-0.1	1.8
17/10/2021 11:06	-0.1	1.7
17/10/2021 11:12	NoData	NoData
17/10/2021 11:18	-0.2	1.7
17/10/2021 11:24	-0.2	1.7

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Date & Time	PE 1	PE 4
	%	%
17/10/2021 11:30	<Samp	<Samp
17/10/2021 11:36	-0.3	1.7
17/10/2021 11:42	-0.2	1.7
17/10/2021 11:48	<Samp	<Samp
17/10/2021 11:54	-0.3	1.7
17/10/2021 12:00	-0.2	1.7
17/10/2021 12:06	<Samp	<Samp
17/10/2021 12:12	0	1.7
17/10/2021 12:18	0	1.7
17/10/2021 12:24	<Samp	<Samp
17/10/2021 12:30	0	1.7
17/10/2021 12:36	0	1.7
17/10/2021 12:42	<Samp	<Samp
17/10/2021 12:48	-0.1	1.8
17/10/2021 12:54	-0.1	1.8
17/10/2021 13:00	0	1.7
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17/10/2021 13:12	NoData	NoData
17/10/2021 13:18	0	1.7
17/10/2021 13:24	0	1.7
17/10/2021 13:30	<Samp	<Samp
17/10/2021 13:36	-0.1	1.8
17/10/2021 13:42	-0.1	1.8
17/10/2021 13:48	<Samp	<Samp
17/10/2021 13:54	0	1.8
17/10/2021 14:00	0	1.8
17/10/2021 14:06	<Samp	<Samp
17/10/2021 14:12	0	1.8
17/10/2021 14:18	-0.1	1.8
17/10/2021 14:24	<Samp	<Samp
17/10/2021 14:30	-0.1	1.8
17/10/2021 14:36	-0.1	1.7
17/10/2021 14:42	<Samp	<Samp
17/10/2021 14:48	-0.1	1.7
17/10/2021 14:54	-0.1	1.8
17/10/2021 15:00	<Samp	<Samp
17/10/2021 15:06	-0.1	1.8
17/10/2021 15:12	NoData	NoData
17/10/2021 15:18	-0.1	10.4
17/10/2021 15:24	-0.1	8.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/10/2021 15:30	<Samp	<Samp
17/10/2021 15:36	-0.1	3.1
17/10/2021 15:42	-0.1	3.1
17/10/2021 15:48	<Samp	<Samp
17/10/2021 15:54	-0.1	3.1
17/10/2021 16:00	-0.1	3.1
17/10/2021 16:06	<Samp	<Samp
17/10/2021 16:12	0	3.1
17/10/2021 16:18	0	3.1
17/10/2021 16:24	<Samp	<Samp
17/10/2021 16:30	-0.1	3.1
17/10/2021 16:36	-0.1	3.1
17/10/2021 16:42	<Samp	<Samp
17/10/2021 16:48	-0.1	3.1
17/10/2021 16:54	-0.1	3.2
17/10/2021 17:00	-0.1	3.2
17/10/2021 17:06	-0.1	3.2
17/10/2021 17:12	NoData	NoData
17/10/2021 17:18	-0.1	3.3
17/10/2021 17:24	-0.1	3.2
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17/10/2021 17:42	-0.1	3.3
17/10/2021 17:48	<Samp	<Samp
17/10/2021 17:54	-0.1	3.4
17/10/2021 18:00	-0.1	3.4
17/10/2021 18:06	<Samp	<Samp
17/10/2021 18:12	-0.2	3.3
17/10/2021 18:18	-0.2	3.2
17/10/2021 18:24	<Samp	<Samp
17/10/2021 18:30	-0.2	3.3
17/10/2021 18:36	-0.2	3.3
17/10/2021 18:42	-0.2	3.3
17/10/2021 18:48	-0.2	3.3
17/10/2021 18:54	-0.2	3.2
17/10/2021 19:00	-0.1	3.2
17/10/2021 19:06	-0.2	3.2
17/10/2021 19:12	NoData	NoData
17/10/2021 19:18	-0.2	3.3
17/10/2021 19:24	-0.2	3.2

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
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17/10/2021 19:36	-0.2	3.2
17/10/2021 19:42	-0.2	3.2
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17/10/2021 20:00	-0.2	3.2
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17/10/2021 20:42	0.4	3.3
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17/10/2021 20:54	NoData	NoData
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17/10/2021 21:42	0.1	3.2
17/10/2021 21:48	<Samp	<Samp
17/10/2021 21:54	0.1	3.2
17/10/2021 22:00	0.2	3.2
17/10/2021 22:06	<Samp	<Samp
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17/10/2021 22:24	<Samp	<Samp
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17/10/2021 22:36	0.1	3.2
17/10/2021 22:42	0.2	3.2
17/10/2021 22:48	0.2	3.2
17/10/2021 22:54	NoData	NoData
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17/10/2021 23:12	<Samp	<Samp
17/10/2021 23:18	0.2	3.2
17/10/2021 23:24	0.2	3.2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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17/10/2021 23:36	0.2	3.2
17/10/2021 23:42	0.2	3.2
17/10/2021 23:48	<Samp	<Samp
17/10/2021 23:54	0.1	3.2
18/10/2021 00:00	-0.1	3.2
18/10/2021 00:06	<Samp	<Samp
18/10/2021 00:12	-0.4	2.8
18/10/2021 00:18	-0.4	2.9
18/10/2021 00:24	<Samp	<Samp
18/10/2021 00:30	-0.3	2.9
18/10/2021 00:36	-0.3	2.9
18/10/2021 00:42	-0.3	2.9
18/10/2021 00:48	-0.3	2.9
18/10/2021 00:54	NoData	NoData
18/10/2021 01:00	-0.3	3
18/10/2021 01:06	-0.3	3
18/10/2021 01:12	<Samp	<Samp
18/10/2021 01:18	-0.3	3
18/10/2021 01:24	-0.3	3
18/10/2021 01:30	<Samp	<Samp
18/10/2021 01:36	0.4	1.5
18/10/2021 01:42	0.4	1.5
18/10/2021 01:48	<Samp	<Samp
18/10/2021 01:54	0.3	1.6
18/10/2021 02:00	0.3	1.6
18/10/2021 02:06	<Samp	<Samp
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18/10/2021 02:36	0.4	1.6
18/10/2021 02:42	0.4	1.6
18/10/2021 02:48	0.4	1.6
18/10/2021 02:54	NoData	NoData
18/10/2021 03:00	0.4	1.6
18/10/2021 03:06	0.4	1.6
18/10/2021 03:12	<Samp	<Samp
18/10/2021 03:18	0.5	1.6
18/10/2021 03:24	0.6	1.6



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18/10/2021 03:30	<Samp	<Samp
18/10/2021 03:36	0.4	1.6
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18/10/2021 06:00	0.3	1.6
18/10/2021 06:06	<Samp	<Samp
18/10/2021 06:12	0.2	1.6
18/10/2021 06:18	0.2	1.6
18/10/2021 06:24	0.2	1.6
18/10/2021 06:30	0.2	1.6
18/10/2021 06:36	NoData	NoData
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18/10/2021 08:30	-1	1.6
18/10/2021 08:36	NoData	NoData
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18/10/2021 09:06	-0.8	1.6
18/10/2021 09:12	<Samp	<Samp
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18/10/2021 09:24	-0.8	1.6
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18/10/2021 10:00	-0.6	1.6
18/10/2021 10:06	<Samp	<Samp
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18/10/2021 10:18	-0.6	1.6
18/10/2021 10:24	-0.6	1.6
18/10/2021 10:30	-0.5	1.6
18/10/2021 10:36	NoData	NoData
18/10/2021 10:42	-0.4	1.6
18/10/2021 10:48	-0.5	1.6
18/10/2021 10:54	<Samp	<Samp
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18/10/2021 11:06	-0.4	1.6
18/10/2021 11:12	<Samp	<Samp
18/10/2021 11:18	-0.3	1.6
18/10/2021 11:24	-0.3	1.6

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18/10/2021 12:42	-0.2	1.6
18/10/2021 12:48	-0.2	1.6
18/10/2021 12:54	<Samp	<Samp
18/10/2021 13:00	1.8	1.7
18/10/2021 13:06	1.6	1.7
18/10/2021 13:12	<Samp	<Samp
18/10/2021 13:18	<Samp	<Samp
18/10/2021 13:24	-0.4	1.7
18/10/2021 13:30	-0.4	1.7
18/10/2021 13:36	-0.4	1.7
18/10/2021 13:42	-0.4	1.7
18/10/2021 13:48	NoData	NoData
18/10/2021 13:54	<Samp	<Samp
18/10/2021 14:00	-0.3	1.7
18/10/2021 14:06	<Samp	<Samp
18/10/2021 14:12	-0.3	1.7
18/10/2021 14:18	-0.3	1.7
18/10/2021 14:24	NoData	NoData
18/10/2021 14:30	NoData	NoData
18/10/2021 14:36	-0.2	1.7
18/10/2021 14:42	<Samp	<Samp
18/10/2021 14:48	-0.2	1.7
18/10/2021 14:54	-0.2	1.7
18/10/2021 15:00	<Samp	<Samp
18/10/2021 15:06	-0.1	1.7
18/10/2021 15:12	-0.1	1.7
18/10/2021 15:18	<Samp	<Samp
18/10/2021 15:24	-0.1	1.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/10/2021 15:30	-0.1	1.7
18/10/2021 15:36	-0.1	1.8
18/10/2021 15:42	-0.1	1.8
18/10/2021 15:48	NoData	NoData
18/10/2021 15:54	-0.1	1.7
18/10/2021 16:00	-0.1	1.8
18/10/2021 16:06	<Samp	<Samp
18/10/2021 16:12	-0.1	1.8
18/10/2021 16:18	0	1.8
18/10/2021 16:24	<Samp	<Samp
18/10/2021 16:30	-0.1	1.8
18/10/2021 16:36	-0.1	1.8
18/10/2021 16:42	<Samp	<Samp
18/10/2021 16:48	-0.2	1.8
18/10/2021 16:54	-0.1	1.8
18/10/2021 17:00	<Samp	<Samp
18/10/2021 17:06	-0.1	1.8
18/10/2021 17:12	-0.1	1.8
18/10/2021 17:18	-0.1	1.8
18/10/2021 17:24	-0.1	1.8
18/10/2021 17:30	NoData	NoData
18/10/2021 17:36	-0.1	1.8
18/10/2021 17:42	-0.1	1.8
18/10/2021 17:48	NoData	NoData
18/10/2021 17:54	0	1.8
18/10/2021 18:00	0	1.8
18/10/2021 18:06	<Samp	<Samp
18/10/2021 18:12	0	1.8
18/10/2021 18:18	0	1.8
18/10/2021 18:24	<Samp	<Samp
18/10/2021 18:30	-0.1	1.8
18/10/2021 18:36	-0.1	1.8
18/10/2021 18:42	<Samp	<Samp
18/10/2021 18:48	1.3	1.8
18/10/2021 18:54	0.8	1.8
18/10/2021 19:00	<Samp	<Samp
18/10/2021 19:06	0.6	1.8
18/10/2021 19:12	0.7	1.8
18/10/2021 19:18	0.9	1.8
18/10/2021 19:24	0.9	1.8

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/10/2021 19:30	NoData	NoData
18/10/2021 19:36	1.1	1.9
18/10/2021 19:42	1	1.8
18/10/2021 19:48	<Samp	<Samp
18/10/2021 19:54	1	1.9
18/10/2021 20:00	0.9	1.9
18/10/2021 20:06	<Samp	<Samp
18/10/2021 20:12	0.7	1.9
18/10/2021 20:18	0.6	1.9
18/10/2021 20:24	<Samp	<Samp
18/10/2021 20:30	0.5	1.9
18/10/2021 20:36	0.5	1.9
18/10/2021 20:42	<Samp	<Samp
18/10/2021 20:48	0.3	1.9
18/10/2021 20:54	0.3	1.9
18/10/2021 21:00	<Samp	<Samp
18/10/2021 21:06	0.1	1.9
18/10/2021 21:12	0	1.9
18/10/2021 21:18	0	1.9
18/10/2021 21:24	0	1.9
18/10/2021 21:30	NoData	NoData
18/10/2021 21:36	-0.1	1.9
18/10/2021 21:42	-0.1	1.9
18/10/2021 21:48	<Samp	<Samp
18/10/2021 21:54	-0.1	1.9
18/10/2021 22:00	-0.2	1.9
18/10/2021 22:06	<Samp	<Samp
18/10/2021 22:12	0.5	1.9
18/10/2021 22:18	0.5	1.9
18/10/2021 22:24	<Samp	<Samp
18/10/2021 22:30	0.5	1.9
18/10/2021 22:36	0.5	1.9
18/10/2021 22:42	<Samp	<Samp
18/10/2021 22:48	0.4	1.9
18/10/2021 22:54	0.4	1.9
18/10/2021 23:00	<Samp	<Samp
18/10/2021 23:06	0.4	1.9
18/10/2021 23:12	0.4	1.9
18/10/2021 23:18	0.3	1.9
18/10/2021 23:24	0.3	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/10/2021 23:30	NoData	NoData
18/10/2021 23:36	-0.5	1.9
18/10/2021 23:42	-0.5	1.9
18/10/2021 23:48	<Samp	<Samp
18/10/2021 23:54	-0.5	1.9
19/10/2021 00:00	-0.4	1.9
19/10/2021 00:06	<Samp	<Samp
19/10/2021 00:12	-0.4	1.9
19/10/2021 00:18	-0.3	1.9
19/10/2021 00:24	<Samp	<Samp
19/10/2021 00:30	-0.1	1.9
19/10/2021 00:36	-0.1	1.9
19/10/2021 00:42	<Samp	<Samp
19/10/2021 00:48	0	1.9
19/10/2021 00:54	0	1.9
19/10/2021 01:00	0	1.9
19/10/2021 01:06	0	1.9
19/10/2021 01:12	-0.2	1.9
19/10/2021 01:18	-0.2	1.9
19/10/2021 01:24	-0.2	1.9
19/10/2021 01:30	NoData	NoData
19/10/2021 01:36	<Samp	<Samp
19/10/2021 01:42	-0.2	1.9
19/10/2021 01:48	<Samp	<Samp
19/10/2021 01:54	-0.3	1.9
19/10/2021 02:00	-0.2	1.9
19/10/2021 02:06	<Samp	<Samp
19/10/2021 02:12	-0.2	1.9
19/10/2021 02:18	-0.2	1.9
19/10/2021 02:24	<Samp	<Samp
19/10/2021 02:30	-0.2	1.9
19/10/2021 02:36	-0.2	1.9
19/10/2021 02:42	<Samp	<Samp
19/10/2021 02:48	-0.2	1.9
19/10/2021 02:54	-0.2	2
19/10/2021 03:00	-0.1	2
19/10/2021 03:06	-0.1	2
19/10/2021 03:12	NoData	NoData
19/10/2021 03:18	-0.2	2
19/10/2021 03:24	-0.2	2

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**Company:** New York City D.E.P.  
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Date & Time	PE 1	PE 4
	%	%
19/10/2021 03:30	NoData	NoData
19/10/2021 03:36	-0.2	2
19/10/2021 03:42	-0.2	2
19/10/2021 03:48	<Samp	<Samp
19/10/2021 03:54	-0.2	1.9
19/10/2021 04:00	-0.2	1.9
19/10/2021 04:06	<Samp	<Samp
19/10/2021 04:12	-0.2	2
19/10/2021 04:18	-0.2	2
19/10/2021 04:24	<Samp	<Samp
19/10/2021 04:30	-0.1	1.9
19/10/2021 04:36	-0.1	1.9
19/10/2021 04:42	<Samp	<Samp
19/10/2021 04:48	-0.2	2
19/10/2021 04:54	-0.2	2
19/10/2021 05:00	0.1	2
19/10/2021 05:06	0.1	2
19/10/2021 05:12	NoData	NoData
19/10/2021 05:18	0.2	2
19/10/2021 05:24	0.2	2
19/10/2021 05:30	<Samp	<Samp
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19/10/2021 05:42	0.2	2
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19/10/2021 05:54	0.3	2
19/10/2021 06:00	0.3	2
19/10/2021 06:06	<Samp	<Samp
19/10/2021 06:12	0.3	2
19/10/2021 06:18	0.3	2
19/10/2021 06:24	<Samp	<Samp
19/10/2021 06:30	0.2	2
19/10/2021 06:36	0.2	2
19/10/2021 06:42	<Samp	<Samp
19/10/2021 06:48	0.2	2
19/10/2021 06:54	0.2	2
19/10/2021 07:00	<Samp	<Samp
19/10/2021 07:06	0.3	2
19/10/2021 07:12	NoData	NoData
19/10/2021 07:18	-0.2	2
19/10/2021 07:24	-0.3	2

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Date & Time	PE 1	PE 4
	%	%
19/10/2021 07:30	<Samp	<Samp
19/10/2021 07:36	-0.3	2
19/10/2021 07:42	-0.3	2
19/10/2021 07:48	<Samp	<Samp
19/10/2021 07:54	-0.4	2
19/10/2021 08:00	-0.4	2
19/10/2021 08:06	<Samp	<Samp
19/10/2021 08:12	-0.4	2
19/10/2021 08:18	-0.3	2
19/10/2021 08:24	<Samp	<Samp
19/10/2021 08:30	-0.2	2
19/10/2021 08:36	-0.1	2
19/10/2021 08:42	<Samp	<Samp
19/10/2021 08:48	-0.6	1.9
19/10/2021 08:54	-0.5	1.9
19/10/2021 09:00	-0.5	1.9
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19/10/2021 09:12	NoData	NoData
19/10/2021 09:18	-0.5	1.9
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19/10/2021 10:54	0.5	1.9
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19/10/2021 11:06	0.5	1.9
19/10/2021 11:12	NoData	NoData
19/10/2021 11:18	0.4	1.9
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Date & Time	PE 1	PE 4
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19/10/2021 11:30	<Samp	<Samp
19/10/2021 11:36	0.5	1.9
19/10/2021 11:42	0.5	1.9
19/10/2021 11:48	<Samp	<Samp
19/10/2021 11:54	-0.2	1.9
19/10/2021 12:00	-0.2	1.9
19/10/2021 12:06	<Samp	<Samp
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19/10/2021 12:18	0	1.9
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19/10/2021 12:36	0.1	1.9
19/10/2021 12:42	0.1	1.9
19/10/2021 12:48	0.2	1.9
19/10/2021 12:54	NoData	NoData
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19/10/2021 13:12	<Samp	<Samp
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19/10/2021 13:24	0.1	1.9
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19/10/2021 13:36	-0.4	1.9
19/10/2021 13:42	-0.7	1.9
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19/10/2021 14:36	-0.4	1.9
19/10/2021 14:42	-0.3	1.9
19/10/2021 14:48	-0.3	1.9
19/10/2021 14:54	NoData	NoData
19/10/2021 15:00	-0.3	1.9
19/10/2021 15:06	-0.3	1.9
19/10/2021 15:12	<Samp	<Samp
19/10/2021 15:18	-0.3	1.9
19/10/2021 15:24	-0.2	1.9

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Date & Time	PE 1	PE 4
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19/10/2021 15:30	<Samp	<Samp
19/10/2021 15:36	-0.2	1.9
19/10/2021 15:42	-0.1	1.9
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19/10/2021 15:54	0	1.9
19/10/2021 16:00	0	1.9
19/10/2021 16:06	<Samp	<Samp
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19/10/2021 16:54	NoData	NoData
19/10/2021 17:00	0	1.9
19/10/2021 17:06	0	1.9
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19/10/2021 19:06	0.4	2
19/10/2021 19:12	<Samp	<Samp
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19/10/2021 19:24	0.4	2

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Date & Time	PE 1	PE 4
	%	%
19/10/2021 19:30	<Samp	<Samp
19/10/2021 19:36	0.4	2
19/10/2021 19:42	0.5	2
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19/10/2021 22:24	0.3	2
19/10/2021 22:30	0.3	2
19/10/2021 22:36	NoData	NoData
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19/10/2021 22:48	0.3	2
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19/10/2021 23:00	0.3	2
19/10/2021 23:06	0.3	2
19/10/2021 23:12	<Samp	<Samp
19/10/2021 23:18	0.3	2
19/10/2021 23:24	0.3	2

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19/10/2021 23:30	<Samp	<Samp
19/10/2021 23:36	0.3	2
19/10/2021 23:42	0.2	2
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19/10/2021 23:54	0.3	2
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20/10/2021 00:06	<Samp	<Samp
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20/10/2021 00:18	0.3	2
20/10/2021 00:24	0.2	2
20/10/2021 00:30	0.2	2
20/10/2021 00:36	NoData	NoData
20/10/2021 00:42	0.3	2
20/10/2021 00:48	0.2	2
20/10/2021 00:54	<Samp	<Samp
20/10/2021 01:00	0.2	2
20/10/2021 01:06	0.2	2
20/10/2021 01:12	<Samp	<Samp
20/10/2021 01:18	0.2	2
20/10/2021 01:24	0.2	2
20/10/2021 01:30	<Samp	<Samp
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20/10/2021 02:24	4.1	2
20/10/2021 02:30	2.5	2
20/10/2021 02:36	NoData	NoData
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20/10/2021 02:48	0.3	2
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20/10/2021 03:06	0.1	2
20/10/2021 03:12	<Samp	<Samp
20/10/2021 03:18	0	2
20/10/2021 03:24	0.1	2

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/10/2021 03:30	<Samp	<Samp
20/10/2021 03:36	0	2
20/10/2021 03:42	0	2
20/10/2021 03:48	<Samp	<Samp
20/10/2021 03:54	0.5	2
20/10/2021 04:00	0.6	2
20/10/2021 04:06	<Samp	<Samp
20/10/2021 04:12	0.6	2
20/10/2021 04:18	0.5	2
20/10/2021 04:24	0.6	2
20/10/2021 04:30	0.5	2
20/10/2021 04:36	NoData	NoData
20/10/2021 04:42	0.5	2
20/10/2021 04:48	0.4	2
20/10/2021 04:54	<Samp	<Samp
20/10/2021 05:00	0.4	2
20/10/2021 05:06	0.4	2
20/10/2021 05:12	<Samp	<Samp
20/10/2021 05:18	0	2
20/10/2021 05:24	-0.3	2
20/10/2021 05:30	<Samp	<Samp
20/10/2021 05:36	-0.2	2
20/10/2021 05:42	-0.2	2
20/10/2021 05:48	<Samp	<Samp
20/10/2021 05:54	-0.2	2
20/10/2021 06:00	-0.1	2
20/10/2021 06:06	0	2
20/10/2021 06:12	0.3	2
20/10/2021 06:18	NoData	NoData
20/10/2021 06:24	0.3	2
20/10/2021 06:30	0.1	2
20/10/2021 06:36	NoData	NoData
20/10/2021 06:42	0.1	2
20/10/2021 06:48	0.1	2
20/10/2021 06:54	<Samp	<Samp
20/10/2021 07:00	0.1	2
20/10/2021 07:06	0.1	2
20/10/2021 07:12	<Samp	<Samp
20/10/2021 07:18	0.1	2
20/10/2021 07:24	0.1	2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
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20/10/2021 07:36	-0.2	2
20/10/2021 07:42	-0.3	2
20/10/2021 07:48	-0.3	2
20/10/2021 07:54	-0.3	2
20/10/2021 08:00	-0.3	2
20/10/2021 08:06	-0.4	2
20/10/2021 08:12	-0.4	2
20/10/2021 08:18	NoData	NoData
20/10/2021 08:24	-0.4	2
20/10/2021 08:30	-0.1	2
20/10/2021 08:36	<Samp	<Samp
20/10/2021 08:42	-0.1	2
20/10/2021 08:48	-0.3	2
20/10/2021 08:54	<Samp	<Samp
20/10/2021 09:00	-0.5	2
20/10/2021 09:06	-0.5	2
20/10/2021 09:12	<Samp	<Samp
20/10/2021 09:18	-0.4	2
20/10/2021 09:24	-0.4	2
20/10/2021 09:30	<Samp	<Samp
20/10/2021 09:36	-0.3	2
20/10/2021 09:42	-0.2	2
20/10/2021 09:48	<Samp	<Samp
20/10/2021 09:54	-0.2	2
20/10/2021 10:00	-0.1	2
20/10/2021 10:06	-0.1	2
20/10/2021 10:12	-0.1	2
20/10/2021 10:18	NoData	NoData
20/10/2021 10:24	0	2
20/10/2021 10:30	0	2
20/10/2021 10:36	<Samp	<Samp
20/10/2021 10:42	0	2
20/10/2021 10:48	0	2
20/10/2021 10:54	0	2
20/10/2021 11:00	0	2
20/10/2021 11:06	0.1	2
20/10/2021 11:12	<Samp	<Samp
20/10/2021 11:18	0.1	1.9
20/10/2021 11:24	0.1	1.9

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
20/10/2021 11:30	<Samp	<Samp
20/10/2021 11:36	0.2	1.9
20/10/2021 11:42	0.2	1.9
20/10/2021 11:48	<Samp	<Samp
20/10/2021 11:54	0.3	1.9
20/10/2021 12:00	0.2	1.9
20/10/2021 12:06	0.2	1.9
20/10/2021 12:12	0.2	1.9
20/10/2021 12:18	NoData	NoData
20/10/2021 12:24	<Samp	<Samp
20/10/2021 12:30	<Samp	<Samp
20/10/2021 12:36	0.3	1.9
20/10/2021 12:42	<Samp	<Samp
20/10/2021 12:48	-0.2	1.9
20/10/2021 12:54	-0.2	1.9
20/10/2021 13:00	<Samp	<Samp
20/10/2021 13:06	-0.2	1.9
20/10/2021 13:12	-0.2	1.9
20/10/2021 13:18	<Samp	<Samp
20/10/2021 13:24	-0.1	1.9
20/10/2021 13:30	-0.1	1.9
20/10/2021 13:36	-0.2	1.9
20/10/2021 13:42	-0.1	1.9
20/10/2021 13:48	NoData	NoData
20/10/2021 13:54	-0.1	1.9
20/10/2021 14:00	-0.1	1.9
20/10/2021 14:06	<Samp	<Samp
20/10/2021 14:12	-0.1	1.9
20/10/2021 14:18	-0.1	1.9
20/10/2021 14:24	<Samp	<Samp
20/10/2021 14:30	-0.1	1.9
20/10/2021 14:36	-0.1	1.9
20/10/2021 14:42	<Samp	<Samp
20/10/2021 14:48	-0.1	10.9
20/10/2021 14:54	-0.5	11.1
20/10/2021 15:00	<Samp	<Samp
20/10/2021 15:06	-0.7	3.2
20/10/2021 15:12	-0.7	3.1
20/10/2021 15:18	<Samp	<Samp
20/10/2021 15:24	-0.6	3.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
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20/10/2021 15:36	-0.5	3.1
20/10/2021 15:42	-0.5	3.1
20/10/2021 15:48	NoData	NoData
20/10/2021 15:54	-0.4	3.2
20/10/2021 16:00	-0.5	3.2
20/10/2021 16:06	<Samp	<Samp
20/10/2021 16:12	-0.5	3.3
20/10/2021 16:18	-0.5	3.4
20/10/2021 16:24	<Samp	<Samp
20/10/2021 16:30	-0.5	4.3
20/10/2021 16:36	-0.5	3.8
20/10/2021 16:42	<Samp	<Samp
20/10/2021 16:48	-0.4	3.7
20/10/2021 16:54	-0.4	3.7
20/10/2021 17:00	<Samp	<Samp
20/10/2021 17:06	-0.3	3.8
20/10/2021 17:12	-0.4	3.9
20/10/2021 17:18	<Samp	<Samp
20/10/2021 17:24	-0.3	3.9
20/10/2021 17:30	-0.2	3.9
20/10/2021 17:36	-0.2	4
20/10/2021 17:42	-0.3	4
20/10/2021 17:48	NoData	NoData
20/10/2021 17:54	-0.2	3.9
20/10/2021 18:00	-0.1	3.9
20/10/2021 18:06	<Samp	<Samp
20/10/2021 18:12	-0.1	3.8
20/10/2021 18:18	-0.1	3.9
20/10/2021 18:24	<Samp	<Samp
20/10/2021 18:30	0	4
20/10/2021 18:36	-0.1	3.9
20/10/2021 18:42	<Samp	<Samp
20/10/2021 18:48	-0.1	3.9
20/10/2021 18:54	-0.1	3.9
20/10/2021 19:00	<Samp	<Samp
20/10/2021 19:06	0	3.8
20/10/2021 19:12	0	3.9
20/10/2021 19:18	0	3.8
20/10/2021 19:24	0	3.8



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/10/2021 19:30	NoData	NoData
20/10/2021 19:36	0	3.9
20/10/2021 19:42	0	3.9
20/10/2021 19:48	NoData	NoData
20/10/2021 19:54	-0.1	3.9
20/10/2021 20:00	0	3.9
20/10/2021 20:06	<Samp	<Samp
20/10/2021 20:12	0	3.9
20/10/2021 20:18	0	3.9
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20/10/2021 20:36	0	3.8
20/10/2021 20:42	<Samp	<Samp
20/10/2021 20:48	0	3.7
20/10/2021 20:54	0	3.7
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20/10/2021 21:12	0	3.8
20/10/2021 21:18	0	3.8
20/10/2021 21:24	0	3.8
20/10/2021 21:30	NoData	NoData
20/10/2021 21:36	0	3.8
20/10/2021 21:42	-0.1	3.8
20/10/2021 21:48	<Samp	<Samp
20/10/2021 21:54	0	3.8
20/10/2021 22:00	0	3.8
20/10/2021 22:06	<Samp	<Samp
20/10/2021 22:12	0	3.8
20/10/2021 22:18	0	3.8
20/10/2021 22:24	<Samp	<Samp
20/10/2021 22:30	0	3.8
20/10/2021 22:36	0	3.8
20/10/2021 22:42	<Samp	<Samp
20/10/2021 22:48	-0.1	3.8
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20/10/2021 23:00	<Samp	<Samp
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20/10/2021 23:12	-0.1	3.8
20/10/2021 23:18	-0.1	3.8
20/10/2021 23:24	-0.1	3.8

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Date & Time	PE 1	PE 4
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20/10/2021 23:42	-0.1	3.8
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20/10/2021 23:54	-0.1	3.8
21/10/2021 00:00	-0.1	3.8
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21/10/2021 00:12	0	3.8
21/10/2021 00:18	0	3.8
21/10/2021 00:24	<Samp	<Samp
21/10/2021 00:30	-0.1	3.8
21/10/2021 00:36	0	3.8
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21/10/2021 00:54	-0.1	3.8
21/10/2021 01:00	<Samp	<Samp
21/10/2021 01:06	-0.1	3.8
21/10/2021 01:12	-0.1	3.8
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21/10/2021 01:24	-0.1	3.8
21/10/2021 01:30	NoData	NoData
21/10/2021 01:36	-0.1	3.8
21/10/2021 01:42	-0.1	3.9
21/10/2021 01:48	<Samp	<Samp
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21/10/2021 02:00	-0.1	3.8
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21/10/2021 02:18	-0.1	3.9
21/10/2021 02:24	<Samp	<Samp
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21/10/2021 02:36	-0.1	3.9
21/10/2021 02:42	<Samp	<Samp
21/10/2021 02:48	0	3.9
21/10/2021 02:54	-0.1	3.9
21/10/2021 03:00	-0.1	4
21/10/2021 03:06	-0.1	4
21/10/2021 03:12	-0.2	3.9
21/10/2021 03:18	-0.2	3.9
21/10/2021 03:24	-0.1	3.9

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/10/2021 03:30	NoData	NoData
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21/10/2021 03:42	-0.1	4.1
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21/10/2021 04:00	-0.2	4.1
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21/10/2021 04:54	-0.2	4.1
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21/10/2021 05:06	-0.2	4.1
21/10/2021 05:12	NoData	NoData
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21/10/2021 05:24	-0.2	4.1
21/10/2021 05:30	<Samp	<Samp
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21/10/2021 05:48	<Samp	<Samp
21/10/2021 05:54	-0.2	4.1
21/10/2021 06:00	-0.2	4.1
21/10/2021 06:06	<Samp	<Samp
21/10/2021 06:12	-0.2	4.2
21/10/2021 06:18	-0.2	4.1
21/10/2021 06:24	<Samp	<Samp
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21/10/2021 06:36	-0.3	4.2
21/10/2021 06:42	<Samp	<Samp
21/10/2021 06:48	-0.2	4.2
21/10/2021 06:54	-0.2	4.1
21/10/2021 07:00	-0.2	4.1
21/10/2021 07:06	-0.2	4.1
21/10/2021 07:12	NoData	NoData
21/10/2021 07:18	-0.3	4.1
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## Opacity Data Summary Report

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Date & Time	PE 1	PE 4
	%	%
21/10/2021 07:30	<Samp	<Samp
21/10/2021 07:36	-0.3	3.8
21/10/2021 07:42	-0.3	3.5
21/10/2021 07:48	<Samp	<Samp
21/10/2021 07:54	-0.4	3.3
21/10/2021 08:00	-0.5	3.3
21/10/2021 08:06	<Samp	<Samp
21/10/2021 08:12	-0.6	3.2
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21/10/2021 09:24	-0.6	2.8
21/10/2021 09:30	<Samp	<Samp
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21/10/2021 10:06	<Samp	<Samp
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21/10/2021 10:24	<Samp	<Samp
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21/10/2021 11:18	-0.3	3.1
21/10/2021 11:24	-0.2	3.1

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21/10/2021 12:36	-0.3	3.2
21/10/2021 12:42	-0.2	3.2
21/10/2021 12:48	-0.2	3.2
21/10/2021 12:54	-0.2	3.2
21/10/2021 13:00	-0.2	3.2
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21/10/2021 14:00	-0.1	3.1
21/10/2021 14:06	<Samp	<Samp
21/10/2021 14:12	0	3.1
21/10/2021 14:18	0	3.1
21/10/2021 14:24	<Samp	<Samp
21/10/2021 14:30	0	3.1
21/10/2021 14:36	0	3.1
21/10/2021 14:42	0.1	3.1
21/10/2021 14:48	0.1	3.1
21/10/2021 14:54	NoData	NoData
21/10/2021 15:00	0.1	3.1
21/10/2021 15:06	0.1	3.1
21/10/2021 15:12	<Samp	<Samp
21/10/2021 15:18	0.1	3.2
21/10/2021 15:24	4.4	3.2

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**Company:** New York City D.E.P.  
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Date & Time	PE 1	PE 4
	%	%
21/10/2021 15:30	<Samp	<Samp
21/10/2021 15:36	2.4	1.4
21/10/2021 15:42	1.5	1.5
21/10/2021 15:48	<Samp	<Samp
21/10/2021 15:54	0.6	1.5
21/10/2021 16:00	0.5	1.5
21/10/2021 16:06	<Samp	<Samp
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21/10/2021 16:42	0.5	1.5
21/10/2021 16:48	0.5	1.5
21/10/2021 16:54	NoData	NoData
21/10/2021 17:00	0.7	1.5
21/10/2021 17:06	0.6	2.2
21/10/2021 17:12	<Samp	<Samp
21/10/2021 17:18	-0.9	3.4
21/10/2021 17:24	-0.8	3.3
21/10/2021 17:30	<Samp	<Samp
21/10/2021 17:36	-0.7	3.4
21/10/2021 17:42	-0.6	3.4
21/10/2021 17:48	<Samp	<Samp
21/10/2021 17:54	-0.6	3.4
21/10/2021 18:00	-0.6	3.4
21/10/2021 18:06	<Samp	<Samp
21/10/2021 18:12	-0.5	3.4
21/10/2021 18:18	-0.5	3.4
21/10/2021 18:24	<Samp	<Samp
21/10/2021 18:30	-0.5	3.3
21/10/2021 18:36	-0.4	3.3
21/10/2021 18:42	-0.5	3.2
21/10/2021 18:48	-0.4	3.2
21/10/2021 18:54	NoData	NoData
21/10/2021 19:00	-0.4	3.2
21/10/2021 19:06	-0.3	3.2
21/10/2021 19:12	<Samp	<Samp
21/10/2021 19:18	-0.3	3.2
21/10/2021 19:24	-0.3	3.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
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21/10/2021 19:30	<Samp	<Samp
21/10/2021 19:36	-0.3	3.2
21/10/2021 19:42	-0.3	3.1
21/10/2021 19:48	<Samp	<Samp
21/10/2021 19:54	-0.3	3.2
21/10/2021 20:00	-0.2	3.2
21/10/2021 20:06	<Samp	<Samp
21/10/2021 20:12	-0.3	3.1
21/10/2021 20:18	-0.2	3.3
21/10/2021 20:24	-0.2	3.3
21/10/2021 20:30	-0.2	3.3
21/10/2021 20:36	-0.2	3.3
21/10/2021 20:42	-0.2	3.3
21/10/2021 20:48	-0.1	3.3
21/10/2021 20:54	NoData	NoData
21/10/2021 21:00	-0.1	3.3
21/10/2021 21:06	-0.2	3.3
21/10/2021 21:12	<Samp	<Samp
21/10/2021 21:18	-0.2	3.3
21/10/2021 21:24	-0.2	3.3
21/10/2021 21:30	<Samp	<Samp
21/10/2021 21:36	-0.2	3.4
21/10/2021 21:42	-0.2	3.3
21/10/2021 21:48	<Samp	<Samp
21/10/2021 21:54	-0.2	3.3
21/10/2021 22:00	-0.2	3.3
21/10/2021 22:06	<Samp	<Samp
21/10/2021 22:12	-0.2	3.3
21/10/2021 22:18	-0.2	3.3
21/10/2021 22:24	<Samp	<Samp
21/10/2021 22:30	-0.3	3.3
21/10/2021 22:36	NoData	NoData
21/10/2021 22:42	-0.3	3.4
21/10/2021 22:48	-0.3	3.4
21/10/2021 22:54	<Samp	<Samp
21/10/2021 23:00	-0.2	3.4
21/10/2021 23:06	-0.3	3.4
21/10/2021 23:12	<Samp	<Samp
21/10/2021 23:18	-0.2	3.3
21/10/2021 23:24	-0.3	3.3

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Date & Time	PE 1	PE 4
	%	%
21/10/2021 23:30	<Samp	<Samp
21/10/2021 23:36	-0.2	3.3
21/10/2021 23:42	-0.2	3.3
21/10/2021 23:48	<Samp	<Samp
21/10/2021 23:54	-0.2	3.3
22/10/2021 00:00	-0.2	3.4
22/10/2021 00:06	<Samp	<Samp
22/10/2021 00:12	-0.2	3.3
22/10/2021 00:18	-0.2	3.3
22/10/2021 00:24	-0.2	3.3
22/10/2021 00:30	-0.2	3.3
22/10/2021 00:36	NoData	NoData
22/10/2021 00:42	<Samp	<Samp
22/10/2021 00:48	-0.2	3.2
22/10/2021 00:54	<Samp	<Samp
22/10/2021 01:00	-0.2	3.3
22/10/2021 01:06	-0.2	3.3
22/10/2021 01:12	<Samp	<Samp
22/10/2021 01:18	-0.2	3.2
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22/10/2021 01:42	-0.2	3.1
22/10/2021 01:48	<Samp	<Samp
22/10/2021 01:54	-0.2	3.1
22/10/2021 02:00	-0.2	3.2
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22/10/2021 02:24	-0.1	3.2
22/10/2021 02:30	-0.1	3.2
22/10/2021 02:36	NoData	NoData
22/10/2021 02:42	-0.2	3.2
22/10/2021 02:48	-0.2	3.2
22/10/2021 02:54	<Samp	<Samp
22/10/2021 03:00	-0.1	3.2
22/10/2021 03:06	-0.2	3.2
22/10/2021 03:12	<Samp	<Samp
22/10/2021 03:18	-0.2	3.2
22/10/2021 03:24	-0.2	3.2



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	%	%
22/10/2021 03:30	<Samp	<Samp
22/10/2021 03:36	-0.1	3.2
22/10/2021 03:42	-0.2	3.2
22/10/2021 03:48	<Samp	<Samp
22/10/2021 03:54	-0.1	3.2
22/10/2021 04:00	-0.2	3.2
22/10/2021 04:06	<Samp	<Samp
22/10/2021 04:12	-0.2	3.2
22/10/2021 04:18	-0.2	3.2
22/10/2021 04:24	-0.2	3.2
22/10/2021 04:30	-0.2	3.2
22/10/2021 04:36	NoData	NoData
22/10/2021 04:42	-0.2	3.2
22/10/2021 04:48	-0.2	3.2
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22/10/2021 05:00	-0.3	3.2
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22/10/2021 07:00	-0.3	3.3
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22/10/2021 08:00	-0.5	3.4
22/10/2021 08:06	-0.5	3.5
22/10/2021 08:12	-0.5	3.3
22/10/2021 08:18	NoData	NoData
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22/10/2021 10:54	<Samp	<Samp
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Date & Time	PE 1	PE 4
	%	%
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22/10/2021 11:36	-0.3	3.2
22/10/2021 11:42	-0.3	3.2
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22/10/2021 12:06	-0.3	3.2
22/10/2021 12:12	-0.3	3.2
22/10/2021 12:18	NoData	NoData
22/10/2021 12:24	-0.2	3.2
22/10/2021 12:30	-0.2	3.2
22/10/2021 12:36	<Samp	<Samp
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22/10/2021 14:12	-0.2	4.5
22/10/2021 14:18	NoData	NoData
22/10/2021 14:24	-0.1	3.1
22/10/2021 14:30	-0.1	3.1
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22/10/2021 15:18	-0.2	3.1
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All Opacity Data

Date & Time	PE 1	PE 4
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22/10/2021 15:42	-0.1	3.1
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22/10/2021 15:54	-0.1	3.2
22/10/2021 16:00	NoData	NoData
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22/10/2021 17:24	-0.2	4.2
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22/10/2021 18:00	NoData	NoData
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	%	%
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22/10/2021 19:36	-0.2	4.1
22/10/2021 19:42	-0.2	4.1
22/10/2021 19:48	-0.3	4.1
22/10/2021 19:54	-0.3	4.2
22/10/2021 20:00	NoData	NoData
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22/10/2021 20:18	<Samp	<Samp
22/10/2021 20:24	-0.3	4
22/10/2021 20:30	-0.3	4
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22/10/2021 22:00	NoData	NoData
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22/10/2021 23:06	-0.4	4
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Date & Time	PE 1	PE 4
	%	%
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22/10/2021 23:36	-0.4	4
22/10/2021 23:42	-0.4	4
22/10/2021 23:48	-0.4	4
22/10/2021 23:54	-0.4	4
23/10/2021 00:00	NoData	NoData
23/10/2021 00:06	-0.4	4
23/10/2021 00:12	-0.4	4
23/10/2021 00:18	<Samp	<Samp
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23/10/2021 00:30	-0.4	4
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23/10/2021 03:24	-0.5	3.9

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	%	%
23/10/2021 03:30	-0.5	4
23/10/2021 03:36	-0.5	3.9
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23/10/2021 04:54	<Samp	<Samp
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23/10/2021 05:24	-0.7	4.2
23/10/2021 05:30	-0.7	4.2
23/10/2021 05:36	-0.7	4.2
23/10/2021 05:42	NoData	NoData
23/10/2021 05:48	-0.7	4.2
23/10/2021 05:54	-0.7	4.2
23/10/2021 06:00	<Samp	<Samp
23/10/2021 06:06	-0.7	4.2
23/10/2021 06:12	-0.7	4.2
23/10/2021 06:18	<Samp	<Samp
23/10/2021 06:24	-0.8	4.1
23/10/2021 06:30	-0.8	4.1
23/10/2021 06:36	-0.8	4.1
23/10/2021 06:42	-0.7	4.1
23/10/2021 06:48	-0.7	4.1
23/10/2021 06:54	<Samp	<Samp
23/10/2021 07:00	-0.7	4.1
23/10/2021 07:06	-0.7	4.1
23/10/2021 07:12	<Samp	<Samp
23/10/2021 07:18	-0.8	4.1
23/10/2021 07:24	-0.8	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/10/2021 07:30	<Samp	<Samp
23/10/2021 07:36	-0.8	4.1
23/10/2021 07:42	NoData	NoData
23/10/2021 07:48	<Samp	<Samp
23/10/2021 07:54	-0.8	4.1
23/10/2021 08:00	<Samp	<Samp
23/10/2021 08:06	-0.8	4.1
23/10/2021 08:12	-0.8	4.1
23/10/2021 08:18	<Samp	<Samp
23/10/2021 08:24	-0.8	4.1
23/10/2021 08:30	-0.8	4.1
23/10/2021 08:36	<Samp	<Samp
23/10/2021 08:42	-0.8	4.1
23/10/2021 08:48	-0.8	4.1
23/10/2021 08:54	<Samp	<Samp
23/10/2021 09:00	-0.8	4.1
23/10/2021 09:06	-0.8	4.1
23/10/2021 09:12	-0.8	4.1
23/10/2021 09:18	-0.8	4
23/10/2021 09:24	-0.8	3.9
23/10/2021 09:30	-0.7	3.8
23/10/2021 09:36	-0.7	3.8
23/10/2021 09:42	NoData	NoData
23/10/2021 09:48	-0.8	3.9
23/10/2021 09:54	-0.8	3.9
23/10/2021 10:00	<Samp	<Samp
23/10/2021 10:06	-0.8	3.9
23/10/2021 10:12	-0.8	4.1
23/10/2021 10:18	<Samp	<Samp
23/10/2021 10:24	-0.8	4.2
23/10/2021 10:30	-0.8	4.2
23/10/2021 10:36	<Samp	<Samp
23/10/2021 10:42	-0.8	4.2
23/10/2021 10:48	-0.8	4.2
23/10/2021 10:54	<Samp	<Samp
23/10/2021 11:00	4.5	4.2
23/10/2021 11:06	9.5	4.2
23/10/2021 11:12	4.1	4.2
23/10/2021 11:18	3.5	4.2
23/10/2021 11:24	1.4	4.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/10/2021 11:30	1.1	4.2
23/10/2021 11:36	0.8	4.3
23/10/2021 11:42	NoData	NoData
23/10/2021 11:48	-0.5	4.2
23/10/2021 11:54	-0.5	4.2
23/10/2021 12:00	<Samp	<Samp
23/10/2021 12:06	-0.4	4.2
23/10/2021 12:12	-0.4	4.2
23/10/2021 12:18	<Samp	<Samp
23/10/2021 12:24	-0.5	4.2
23/10/2021 12:30	-0.5	4.2
23/10/2021 12:36	<Samp	<Samp
23/10/2021 12:42	-0.5	4.2
23/10/2021 12:48	-0.5	4.2
23/10/2021 12:54	<Samp	<Samp
23/10/2021 13:00	-0.5	4.2
23/10/2021 13:06	-0.4	4.2
23/10/2021 13:12	-0.4	4.2
23/10/2021 13:18	-0.4	4.2
23/10/2021 13:24	NoData	NoData
23/10/2021 13:30	-0.4	4.2
23/10/2021 13:36	-0.3	4.2
23/10/2021 13:42	<Samp	<Samp
23/10/2021 13:48	-0.3	4.2
23/10/2021 13:54	-0.3	4.2
23/10/2021 14:00	<Samp	<Samp
23/10/2021 14:06	-0.3	4.2
23/10/2021 14:12	-0.3	4.2
23/10/2021 14:18	<Samp	<Samp
23/10/2021 14:24	-0.3	4.1
23/10/2021 14:30	-0.3	4.2
23/10/2021 14:36	<Samp	<Samp
23/10/2021 14:42	-0.3	4.1
23/10/2021 14:48	-0.3	4.2
23/10/2021 14:54	<Samp	<Samp
23/10/2021 15:00	-0.3	4.2
23/10/2021 15:06	-0.3	4.1
23/10/2021 15:12	-0.3	4.1
23/10/2021 15:18	-0.3	4.1
23/10/2021 15:24	NoData	NoData

## Opacity 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 4
	%	%
23/10/2021 15:30	-0.3	4.1
23/10/2021 15:36	-0.3	4.1
23/10/2021 15:42	<Samp	<Samp
23/10/2021 15:48	-0.2	4.1
23/10/2021 15:54	-0.2	4.1
23/10/2021 16:00	<Samp	<Samp
23/10/2021 16:06	-0.2	4.1
23/10/2021 16:12	-0.2	4.1
23/10/2021 16:18	<Samp	<Samp
23/10/2021 16:24	-0.2	4.1
23/10/2021 16:30	-0.2	4.1
23/10/2021 16:36	<Samp	<Samp
23/10/2021 16:42	-0.2	4.2
23/10/2021 16:48	-0.2	4.2
23/10/2021 16:54	<Samp	<Samp
23/10/2021 17:00	-0.1	4.2
23/10/2021 17:06	-0.1	4.2
23/10/2021 17:12	-0.1	4.1
23/10/2021 17:18	-0.1	4.1
23/10/2021 17:24	NoData	NoData
23/10/2021 17:30	-0.1	4.1
23/10/2021 17:36	-0.1	4.1
23/10/2021 17:42	<Samp	<Samp
23/10/2021 17:48	-0.1	4.1
23/10/2021 17:54	-0.1	4.1
23/10/2021 18:00	<Samp	<Samp
23/10/2021 18:06	-0.1	4.2
23/10/2021 18:12	-0.1	4.2
23/10/2021 18:18	<Samp	<Samp
23/10/2021 18:24	-0.1	4.1
23/10/2021 18:30	-0.1	4.1
23/10/2021 18:36	<Samp	<Samp
23/10/2021 18:42	-0.1	4.1
23/10/2021 18:48	-0.1	4.1
23/10/2021 18:54	<Samp	<Samp
23/10/2021 19:00	-0.1	4.1
23/10/2021 19:06	-0.1	4.1
23/10/2021 19:12	-0.1	4.1
23/10/2021 19:18	-0.1	4.1
23/10/2021 19:24	NoData	NoData

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/10/2021 19:30	-0.1	3.7
23/10/2021 19:36	-0.1	3.7
23/10/2021 19:42	<Samp	<Samp
23/10/2021 19:48	-0.2	3.8
23/10/2021 19:54	-0.2	3.9
23/10/2021 20:00	<Samp	<Samp
23/10/2021 20:06	-0.2	3.9
23/10/2021 20:12	-0.2	3.9
23/10/2021 20:18	<Samp	<Samp
23/10/2021 20:24	-0.2	4
23/10/2021 20:30	-0.2	4
23/10/2021 20:36	<Samp	<Samp
23/10/2021 20:42	-0.2	4
23/10/2021 20:48	-0.2	3.9
23/10/2021 20:54	-0.2	3.9
23/10/2021 21:00	-0.2	3.9
23/10/2021 21:06	-0.3	3.9
23/10/2021 21:12	10.6	3.9
23/10/2021 21:18	8.9	2.9
23/10/2021 21:24	NoData	NoData
23/10/2021 21:30	1.1	1.6
23/10/2021 21:36	0.9	1.6
23/10/2021 21:42	<Samp	<Samp
23/10/2021 21:48	0.3	1.6
23/10/2021 21:54	0.3	1.6
23/10/2021 22:00	<Samp	<Samp
23/10/2021 22:06	0.5	1.6
23/10/2021 22:12	0.6	1.6
23/10/2021 22:18	<Samp	<Samp
23/10/2021 22:24	0.8	1.6
23/10/2021 22:30	0.8	1.6
23/10/2021 22:36	<Samp	<Samp
23/10/2021 22:42	1	1.6
23/10/2021 22:48	0.9	1.6
23/10/2021 22:54	0.8	1.6
23/10/2021 23:00	0.8	1.6
23/10/2021 23:06	NoData	NoData
23/10/2021 23:12	0.7	1.6
23/10/2021 23:18	0.7	1.6
23/10/2021 23:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/10/2021 23:30	0.6	1.6
23/10/2021 23:36	0.6	1.6
23/10/2021 23:42	<Samp	<Samp
23/10/2021 23:48	0.4	1.6
23/10/2021 23:54	0.4	1.6
24/10/2021 00:00	<Samp	<Samp
24/10/2021 00:06	0.3	1.6
24/10/2021 00:12	0.2	1.6
24/10/2021 00:18	<Samp	<Samp
24/10/2021 00:24	0.1	1.6
24/10/2021 00:30	0	1.6
24/10/2021 00:36	<Samp	<Samp
24/10/2021 00:42	-0.1	1.7
24/10/2021 00:48	-0.1	1.6
24/10/2021 00:54	<Samp	<Samp
24/10/2021 01:00	-0.2	1.7
24/10/2021 01:06	NoData	NoData
24/10/2021 01:12	-0.3	1.6
24/10/2021 01:18	-0.2	1.6
24/10/2021 01:24	<Samp	<Samp
24/10/2021 01:30	-0.2	1.6
24/10/2021 01:36	-0.2	1.6
24/10/2021 01:42	<Samp	<Samp
24/10/2021 01:48	-0.2	1.7
24/10/2021 01:54	-0.2	1.7
24/10/2021 02:00	<Samp	<Samp
24/10/2021 02:06	-0.2	1.7
24/10/2021 02:12	-0.2	1.7
24/10/2021 02:18	<Samp	<Samp
24/10/2021 02:24	-0.2	1.7
24/10/2021 02:30	-0.2	1.7
24/10/2021 02:36	<Samp	<Samp
24/10/2021 02:42	-0.2	1.7
24/10/2021 02:48	-0.2	1.7
24/10/2021 02:54	-0.2	1.7
24/10/2021 03:00	-0.2	1.7
24/10/2021 03:06	NoData	NoData
24/10/2021 03:12	-0.2	1.7
24/10/2021 03:18	-0.2	1.7
24/10/2021 03:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 03:30	-0.2	1.7
24/10/2021 03:36	-0.2	1.7
24/10/2021 03:42	<Samp	<Samp
24/10/2021 03:48	-0.1	1.7
24/10/2021 03:54	-0.1	1.7
24/10/2021 04:00	<Samp	<Samp
24/10/2021 04:06	-0.1	1.7
24/10/2021 04:12	-0.1	1.7
24/10/2021 04:18	<Samp	<Samp
24/10/2021 04:24	-0.3	1.7
24/10/2021 04:30	-0.3	1.7
24/10/2021 04:36	<Samp	<Samp
24/10/2021 04:42	-0.2	1.7
24/10/2021 04:48	-0.3	1.7
24/10/2021 04:54	-0.3	1.7
24/10/2021 05:00	-0.3	1.7
24/10/2021 05:06	NoData	NoData
24/10/2021 05:12	-0.2	1.7
24/10/2021 05:18	-0.2	1.7
24/10/2021 05:24	<Samp	<Samp
24/10/2021 05:30	-0.4	1.7
24/10/2021 05:36	-0.3	1.7
24/10/2021 05:42	<Samp	<Samp
24/10/2021 05:48	-0.2	1.7
24/10/2021 05:54	-0.2	1.7
24/10/2021 06:00	<Samp	<Samp
24/10/2021 06:06	-0.1	1.7
24/10/2021 06:12	-0.1	1.7
24/10/2021 06:18	<Samp	<Samp
24/10/2021 06:24	-0.1	1.7
24/10/2021 06:30	-0.1	1.7
24/10/2021 06:36	-0.1	1.7
24/10/2021 06:42	-0.1	1.7
24/10/2021 06:48	-0.1	1.7
24/10/2021 06:54	<Samp	<Samp
24/10/2021 07:00	-0.1	1.7
24/10/2021 07:06	NoData	NoData
24/10/2021 07:12	0	1.7
24/10/2021 07:18	0	1.7
24/10/2021 07:24	<Samp	<Samp

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 07:30	-0.1	1.7
24/10/2021 07:36	-0.1	1.7
24/10/2021 07:42	<Samp	<Samp
24/10/2021 07:48	0	1.7
24/10/2021 07:54	0	1.7
24/10/2021 08:00	<Samp	<Samp
24/10/2021 08:06	0	1.7
24/10/2021 08:12	0	1.7
24/10/2021 08:18	<Samp	<Samp
24/10/2021 08:24	0	1.7
24/10/2021 08:30	0.1	1.7
24/10/2021 08:36	0.1	1.7
24/10/2021 08:42	0.1	1.7
24/10/2021 08:48	NoData	NoData
24/10/2021 08:54	0.1	1.7
24/10/2021 09:00	0.1	1.7
24/10/2021 09:06	<Samp	<Samp
24/10/2021 09:12	0.1	1.7
24/10/2021 09:18	0.1	1.7
24/10/2021 09:24	<Samp	<Samp
24/10/2021 09:30	0.1	6
24/10/2021 09:36	0.1	6.9
24/10/2021 09:42	<Samp	<Samp
24/10/2021 09:48	0.4	1.6
24/10/2021 09:54	0.4	1.6
24/10/2021 10:00	<Samp	<Samp
24/10/2021 10:06	0.3	1.6
24/10/2021 10:12	0.4	1.6
24/10/2021 10:18	<Samp	<Samp
24/10/2021 10:24	0.4	1.6
24/10/2021 10:30	0.4	1.6
24/10/2021 10:36	0.4	1.6
24/10/2021 10:42	0.4	1.6
24/10/2021 10:48	NoData	NoData
24/10/2021 10:54	0.4	1.6
24/10/2021 11:00	0.4	1.6
24/10/2021 11:06	<Samp	<Samp
24/10/2021 11:12	0.4	1.6
24/10/2021 11:18	0.4	1.6
24/10/2021 11:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
**Data Group:** Valid Data  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 11:30	0.3	1.6
24/10/2021 11:36	0.4	1.7
24/10/2021 11:42	<Samp	<Samp
24/10/2021 11:48	0.5	1.7
24/10/2021 11:54	0.5	1.7
24/10/2021 12:00	<Samp	<Samp
24/10/2021 12:06	0.4	1.7
24/10/2021 12:12	0.4	1.7
24/10/2021 12:18	<Samp	<Samp
24/10/2021 12:24	0.4	1.7
24/10/2021 12:30	0.3	1.7
24/10/2021 12:36	0.4	1.7
24/10/2021 12:42	0.3	1.7
24/10/2021 12:48	NoData	NoData
24/10/2021 12:54	0.3	1.7
24/10/2021 13:00	0.3	1.7
24/10/2021 13:06	<Samp	<Samp
24/10/2021 13:12	0.3	1.7
24/10/2021 13:18	0.3	1.7
24/10/2021 13:24	<Samp	<Samp
24/10/2021 13:30	0.3	1.7
24/10/2021 13:36	0.3	1.7
24/10/2021 13:42	<Samp	<Samp
24/10/2021 13:48	0.3	1.7
24/10/2021 13:54	0.3	1.7
24/10/2021 14:00	<Samp	<Samp
24/10/2021 14:06	0.2	1.7
24/10/2021 14:12	0.2	1.7
24/10/2021 14:18	<Samp	<Samp
24/10/2021 14:24	0.2	1.7
24/10/2021 14:30	0.3	1.7
24/10/2021 14:36	0.3	1.7
24/10/2021 14:42	0.3	1.7
24/10/2021 14:48	NoData	NoData
24/10/2021 14:54	0.3	1.8
24/10/2021 15:00	0.3	1.8
24/10/2021 15:06	<Samp	<Samp
24/10/2021 15:12	0.3	1.7
24/10/2021 15:18	0.3	1.8
24/10/2021 15:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 15:30	0.2	1.7
24/10/2021 15:36	0.3	1.8
24/10/2021 15:42	<Samp	<Samp
24/10/2021 15:48	0.3	1.8
24/10/2021 15:54	0.3	1.8
24/10/2021 16:00	<Samp	<Samp
24/10/2021 16:06	0.4	1.8
24/10/2021 16:12	0.4	1.8
24/10/2021 16:18	0.4	1.8
24/10/2021 16:24	0.4	1.8
24/10/2021 16:30	NoData	NoData
24/10/2021 16:36	0.4	1.8
24/10/2021 16:42	0.4	1.8
24/10/2021 16:48	NoData	NoData
24/10/2021 16:54	0.4	1.8
24/10/2021 17:00	0.4	1.8
24/10/2021 17:06	<Samp	<Samp
24/10/2021 17:12	0.4	1.8
24/10/2021 17:18	0.4	1.8
24/10/2021 17:24	<Samp	<Samp
24/10/2021 17:30	0.4	1.8
24/10/2021 17:36	0.3	1.8
24/10/2021 17:42	<Samp	<Samp
24/10/2021 17:48	0.4	1.8
24/10/2021 17:54	0.4	1.8
24/10/2021 18:00	<Samp	<Samp
24/10/2021 18:06	0.3	1.8
24/10/2021 18:12	0.3	1.8
24/10/2021 18:18	0.3	1.8
24/10/2021 18:24	0.3	1.8
24/10/2021 18:30	NoData	NoData
24/10/2021 18:36	0.3	1.8
24/10/2021 18:42	0.3	1.8
24/10/2021 18:48	<Samp	<Samp
24/10/2021 18:54	0.3	1.8
24/10/2021 19:00	0.3	1.8
24/10/2021 19:06	<Samp	<Samp
24/10/2021 19:12	0.2	1.8
24/10/2021 19:18	0.2	1.8
24/10/2021 19:24	<Samp	<Samp



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 19:30	0.2	1.8
24/10/2021 19:36	0.2	1.8
24/10/2021 19:42	<Samp	<Samp
24/10/2021 19:48	0.3	1.8
24/10/2021 19:54	0.3	1.8
24/10/2021 20:00	<Samp	<Samp
24/10/2021 20:06	0.3	1.8
24/10/2021 20:12	0.3	1.8
24/10/2021 20:18	<Samp	<Samp
24/10/2021 20:24	0.3	1.8
24/10/2021 20:30	NoData	NoData
24/10/2021 20:36	0.3	1.8
24/10/2021 20:42	0.3	1.8
24/10/2021 20:48	<Samp	<Samp
24/10/2021 20:54	0.3	1.8
24/10/2021 21:00	0.3	1.8
24/10/2021 21:06	<Samp	<Samp
24/10/2021 21:12	0.3	1.8
24/10/2021 21:18	0.3	1.8
24/10/2021 21:24	<Samp	<Samp
24/10/2021 21:30	0.3	1.8
24/10/2021 21:36	0.3	1.8
24/10/2021 21:42	<Samp	<Samp
24/10/2021 21:48	0.3	1.8
24/10/2021 21:54	0.3	1.8
24/10/2021 22:00	<Samp	<Samp
24/10/2021 22:06	0.3	1.8
24/10/2021 22:12	0.3	1.8
24/10/2021 22:18	0.3	1.9
24/10/2021 22:24	0.3	1.9
24/10/2021 22:30	NoData	NoData
24/10/2021 22:36	0.3	1.9
24/10/2021 22:42	0.3	1.9
24/10/2021 22:48	<Samp	<Samp
24/10/2021 22:54	0.3	1.9
24/10/2021 23:00	0.3	1.9
24/10/2021 23:06	0.3	1.9
24/10/2021 23:12	0.3	1.9
24/10/2021 23:18	0.3	1.9
24/10/2021 23:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/10/2021 23:30	0.3	1.9
24/10/2021 23:36	0.3	1.9
24/10/2021 23:42	<Samp	<Samp
24/10/2021 23:48	0.3	2
24/10/2021 23:54	0.3	2
25/10/2021 00:00	<Samp	<Samp
25/10/2021 00:06	0.3	2
25/10/2021 00:12	0.3	2
25/10/2021 00:18	0.3	2
25/10/2021 00:24	0.3	2
25/10/2021 00:30	NoData	NoData
25/10/2021 00:36	0.3	2
25/10/2021 00:42	0.3	2
25/10/2021 00:48	<Samp	<Samp
25/10/2021 00:54	0.3	2
25/10/2021 01:00	0.3	2.1
25/10/2021 01:06	<Samp	<Samp
25/10/2021 01:12	0.3	2.1
25/10/2021 01:18	0.3	2.1
25/10/2021 01:24	<Samp	<Samp
25/10/2021 01:30	0.2	2.1
25/10/2021 01:36	0.3	2.1
25/10/2021 01:42	<Samp	<Samp
25/10/2021 01:48	0.2	2
25/10/2021 01:54	0	2
25/10/2021 02:00	-0.1	2.1
25/10/2021 02:06	-0.2	2.1
25/10/2021 02:12	NoData	NoData
25/10/2021 02:18	-0.1	2.1
25/10/2021 02:24	-0.1	2.1
25/10/2021 02:30	NoData	NoData
25/10/2021 02:36	-0.1	2
25/10/2021 02:42	-0.1	2
25/10/2021 02:48	<Samp	<Samp
25/10/2021 02:54	-0.1	2
25/10/2021 03:00	-0.1	2
25/10/2021 03:06	<Samp	<Samp
25/10/2021 03:12	-0.1	2
25/10/2021 03:18	0	2
25/10/2021 03:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 03:30	0.1	2
25/10/2021 03:36	0.1	2
25/10/2021 03:42	<Samp	<Samp
25/10/2021 03:48	0.1	2.1
25/10/2021 03:54	0.1	2.2
25/10/2021 04:00	0.1	2.2
25/10/2021 04:06	0.1	2.2
25/10/2021 04:12	NoData	NoData
25/10/2021 04:18	0.4	2.2
25/10/2021 04:24	0.4	2.1
25/10/2021 04:30	<Samp	<Samp
25/10/2021 04:36	0.4	2.1
25/10/2021 04:42	0.4	2.1
25/10/2021 04:48	<Samp	<Samp
25/10/2021 04:54	0.5	2.1
25/10/2021 05:00	0.5	2.1
25/10/2021 05:06	<Samp	<Samp
25/10/2021 05:12	0.5	2.1
25/10/2021 05:18	0.6	2.1
25/10/2021 05:24	<Samp	<Samp
25/10/2021 05:30	0.6	2.1
25/10/2021 05:36	0.6	2.1
25/10/2021 05:42	<Samp	<Samp
25/10/2021 05:48	0.6	2.1
25/10/2021 05:54	0.6	2.1
25/10/2021 06:00	0.6	2.1
25/10/2021 06:06	0.5	2.1
25/10/2021 06:12	NoData	NoData
25/10/2021 06:18	0.5	2.1
25/10/2021 06:24	0.5	2.1
25/10/2021 06:30	<Samp	<Samp
25/10/2021 06:36	0.5	2.1
25/10/2021 06:42	0.6	2.1
25/10/2021 06:48	<Samp	<Samp
25/10/2021 06:54	0.7	2.1
25/10/2021 07:00	0.6	2.1
25/10/2021 07:06	<Samp	<Samp
25/10/2021 07:12	0.6	2.1
25/10/2021 07:18	0.6	2.1
25/10/2021 07:24	0.6	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 07:30	0.6	2.1
25/10/2021 07:36	0.6	2.1
25/10/2021 07:42	<Samp	<Samp
25/10/2021 07:48	0.6	2.1
25/10/2021 07:54	0.6	2.1
25/10/2021 08:00	0.7	2.1
25/10/2021 08:06	0.7	2.1
25/10/2021 08:12	NoData	NoData
25/10/2021 08:18	0.6	2.1
25/10/2021 08:24	0.6	2.1
25/10/2021 08:30	<Samp	<Samp
25/10/2021 08:36	0.3	2.1
25/10/2021 08:42	0.2	2.1
25/10/2021 08:48	<Samp	<Samp
25/10/2021 08:54	0.6	2.1
25/10/2021 09:00	0.6	2.1
25/10/2021 09:06	<Samp	<Samp
25/10/2021 09:12	0.6	2.1
25/10/2021 09:18	0.6	2.1
25/10/2021 09:24	0.6	2.1
25/10/2021 09:30	0.6	2.1
25/10/2021 09:36	0.7	2.3
25/10/2021 09:42	0.8	16.4
25/10/2021 09:48	0.8	11.5
25/10/2021 09:54	0.8	4.2
25/10/2021 10:00	0.8	2
25/10/2021 10:06	0.8	2
25/10/2021 10:12	NoData	NoData
25/10/2021 10:18	0.8	1.9
25/10/2021 10:24	0.8	1.9
25/10/2021 10:30	<Samp	<Samp
25/10/2021 10:36	0.8	1.9
25/10/2021 10:42	0.8	1.9
25/10/2021 10:48	<Samp	<Samp
25/10/2021 10:54	0.8	1.9
25/10/2021 11:00	0.8	1.9
25/10/2021 11:06	<Samp	<Samp
25/10/2021 11:12	0.8	1.9
25/10/2021 11:18	0.8	1.9
25/10/2021 11:24	<Samp	<Samp

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 11:30	0.9	1.9
25/10/2021 11:36	0.8	1.9
25/10/2021 11:42	0.7	1.9
25/10/2021 11:48	0.7	1.9
25/10/2021 11:54	0.7	1.9
25/10/2021 12:00	0.5	1.9
25/10/2021 12:06	0.3	1.8
25/10/2021 12:12	<Samp	<Samp
25/10/2021 12:18	0.3	1.8
25/10/2021 12:24	0.3	1.8
25/10/2021 12:30	<Samp	<Samp
25/10/2021 12:36	0.3	6.4
25/10/2021 12:42	0.2	10.1
25/10/2021 12:48	<Samp	<Samp
25/10/2021 12:54	-1	3.9
25/10/2021 13:00	-1	3.5
25/10/2021 13:06	<Samp	<Samp
25/10/2021 13:12	-0.9	3.2
25/10/2021 13:18	-0.8	3.2
25/10/2021 13:24	<Samp	<Samp
25/10/2021 13:30	-0.7	3.6
25/10/2021 13:36	-0.6	4
25/10/2021 13:42	-0.6	3.9
25/10/2021 13:48	-0.5	4
25/10/2021 13:54	NoData	NoData
25/10/2021 14:00	-0.4	4.1
25/10/2021 14:06	-0.4	4.1
25/10/2021 14:12	<Samp	<Samp
25/10/2021 14:18	-0.3	4.1
25/10/2021 14:24	-0.3	4.1
25/10/2021 14:30	<Samp	<Samp
25/10/2021 14:36	-0.2	4.1
25/10/2021 14:42	-0.2	4.1
25/10/2021 14:48	<Samp	<Samp
25/10/2021 14:54	-0.2	4
25/10/2021 15:00	-0.2	4.1
25/10/2021 15:06	<Samp	<Samp
25/10/2021 15:12	-0.1	4.1
25/10/2021 15:18	-0.1	4.1
25/10/2021 15:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 15:30	-0.1	4.2
25/10/2021 15:36	0	4.2
25/10/2021 15:42	<Samp	<Samp
25/10/2021 15:48	0	4.3
25/10/2021 15:54	0	4.3
25/10/2021 16:00	<Samp	<Samp
25/10/2021 16:06	0	4.1
25/10/2021 16:12	0	4.1
25/10/2021 16:18	0	4.1
25/10/2021 16:24	<Samp	<Samp
25/10/2021 16:30	0.1	4.1
25/10/2021 16:36	0.1	4.1
25/10/2021 16:42	<Samp	<Samp
25/10/2021 16:48	NoData	NoData
25/10/2021 16:54	0.1	4.1
25/10/2021 17:00	0.1	4.1
25/10/2021 17:06	<Samp	<Samp
25/10/2021 17:12	0.2	4.1
25/10/2021 17:18	0.1	4.1
25/10/2021 17:24	<Samp	<Samp
25/10/2021 17:30	0.2	4.1
25/10/2021 17:36	0.2	4
25/10/2021 17:42	<Samp	<Samp
25/10/2021 17:48	0.1	4
25/10/2021 17:54	0.1	4
25/10/2021 18:00	<Samp	<Samp
25/10/2021 18:06	0.2	3.8
25/10/2021 18:12	0.3	3.6
25/10/2021 18:18	0.3	3.5
25/10/2021 18:24	<Samp	<Samp
25/10/2021 18:30	0.3	3.5
25/10/2021 18:36	0.3	3.5
25/10/2021 18:42	<Samp	<Samp
25/10/2021 18:48	NoData	NoData
25/10/2021 18:54	0.3	3.6
25/10/2021 19:00	0.3	3.6
25/10/2021 19:06	<Samp	<Samp
25/10/2021 19:12	0.3	3.6
25/10/2021 19:18	0.3	3.6
25/10/2021 19:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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**Data Group:** Valid Data  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 19:30	0.3	3.6
25/10/2021 19:36	0.2	3.7
25/10/2021 19:42	<Samp	<Samp
25/10/2021 19:48	0.2	3.6
25/10/2021 19:54	0.2	3.6
25/10/2021 20:00	<Samp	<Samp
25/10/2021 20:06	0.2	3.6
25/10/2021 20:12	0.2	4
25/10/2021 20:18	0.2	4.3
25/10/2021 20:24	<Samp	<Samp
25/10/2021 20:30	0.3	4.2
25/10/2021 20:36	0.3	4.2
25/10/2021 20:42	<Samp	<Samp
25/10/2021 20:48	NoData	NoData
25/10/2021 20:54	0.5	4.2
25/10/2021 21:00	0.5	4.2
25/10/2021 21:06	<Samp	<Samp
25/10/2021 21:12	0.5	4.1
25/10/2021 21:18	0.5	3.7
25/10/2021 21:24	<Samp	<Samp
25/10/2021 21:30	0.5	3.3
25/10/2021 21:36	0.5	3.3
25/10/2021 21:42	<Samp	<Samp
25/10/2021 21:48	0.4	3.3
25/10/2021 21:54	0.4	3.2
25/10/2021 22:00	<Samp	<Samp
25/10/2021 22:06	0.3	3.3
25/10/2021 22:12	0.3	3.2
25/10/2021 22:18	0.3	2.7
25/10/2021 22:24	<Samp	<Samp
25/10/2021 22:30	0.4	3.5
25/10/2021 22:36	0.4	3.5
25/10/2021 22:42	NoData	NoData
25/10/2021 22:48	0.2	3.5
25/10/2021 22:54	0.2	3.6
25/10/2021 23:00	<Samp	<Samp
25/10/2021 23:06	0.2	3.6
25/10/2021 23:12	0.2	3.6
25/10/2021 23:18	<Samp	<Samp
25/10/2021 23:24	0.1	3.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/10/2021 23:30	0.1	3.5
25/10/2021 23:36	<Samp	<Samp
25/10/2021 23:42	0.2	3.5
25/10/2021 23:48	0.2	3.5
25/10/2021 23:54	<Samp	<Samp
26/10/2021 00:00	0.2	3.5
26/10/2021 00:06	0.2	3.4
26/10/2021 00:12	0.2	3.7
26/10/2021 00:18	0.2	3.3
26/10/2021 00:24	0.2	2.9
26/10/2021 00:30	0.2	3.3
26/10/2021 00:36	0.2	3.4
26/10/2021 00:42	NoData	NoData
26/10/2021 00:48	0.3	6.1
26/10/2021 00:54	0.3	4.8
26/10/2021 01:00	<Samp	<Samp
26/10/2021 01:06	0.4	3.1
26/10/2021 01:12	0.4	3.5
26/10/2021 01:18	<Samp	<Samp
26/10/2021 01:24	6.1	5
26/10/2021 01:30	2.8	5
26/10/2021 01:36	<Samp	<Samp
26/10/2021 01:42	0.2	4.8
26/10/2021 01:48	0.3	4.8
26/10/2021 01:54	<Samp	<Samp
26/10/2021 02:00	1.6	5
26/10/2021 02:06	2	4.8
26/10/2021 02:12	1.1	4.9
26/10/2021 02:18	0.4	4.8
26/10/2021 02:24	NoData	NoData
26/10/2021 02:30	0	4.7
26/10/2021 02:36	0.2	4.5
26/10/2021 02:42	NoData	NoData
26/10/2021 02:48	0.4	4.5
26/10/2021 02:54	0.3	4.5
26/10/2021 03:00	<Samp	<Samp
26/10/2021 03:06	0.2	4.6
26/10/2021 03:12	0.5	4.7
26/10/2021 03:18	<Samp	<Samp
26/10/2021 03:24	0.6	4.7



## Opacity Data Summary Report

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Date & Time	PE 1	PE 4
	%	%
26/10/2021 03:30	0.5	4.8
26/10/2021 03:36	<Samp	<Samp
26/10/2021 03:42	0.3	4.8
26/10/2021 03:48	0.3	4.9
26/10/2021 03:54	<Samp	<Samp
26/10/2021 04:00	0.2	4.6
26/10/2021 04:06	0.2	4.6
26/10/2021 04:12	0.2	4.7
26/10/2021 04:18	0.1	4.5
26/10/2021 04:24	NoData	NoData
26/10/2021 04:30	0.1	4.7
26/10/2021 04:36	0	4.3
26/10/2021 04:42	<Samp	<Samp
26/10/2021 04:48	0.1	4.6
26/10/2021 04:54	0.1	4.6
26/10/2021 05:00	<Samp	<Samp
26/10/2021 05:06	0.1	4.7
26/10/2021 05:12	0.2	4.7
26/10/2021 05:18	<Samp	<Samp
26/10/2021 05:24	0.3	4.7
26/10/2021 05:30	0.2	4.7
26/10/2021 05:36	<Samp	<Samp
26/10/2021 05:42	0.3	4.7
26/10/2021 05:48	0.4	4.8
26/10/2021 05:54	<Samp	<Samp
26/10/2021 06:00	0.3	4.6
26/10/2021 06:06	0.1	4.6
26/10/2021 06:12	-0.5	4.7
26/10/2021 06:18	-0.4	4.7
26/10/2021 06:24	NoData	NoData
26/10/2021 06:30	0.2	4.9
26/10/2021 06:36	0.1	4.8
26/10/2021 06:42	<Samp	<Samp
26/10/2021 06:48	0.1	4.5
26/10/2021 06:54	0	4.5
26/10/2021 07:00	<Samp	<Samp
26/10/2021 07:06	0.6	4.6
26/10/2021 07:12	0.6	4.7
26/10/2021 07:18	<Samp	<Samp
26/10/2021 07:24	0.5	4.5

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Date & Time	PE 1	PE 4
	%	%
26/10/2021 07:30	0.4	4.4
26/10/2021 07:36	<Samp	<Samp
26/10/2021 07:42	0.3	4.5
26/10/2021 07:48	0.3	4.5
26/10/2021 07:54	<Samp	<Samp
26/10/2021 08:00	0.3	4.5
26/10/2021 08:06	0.3	4.5
26/10/2021 08:12	0.1	4.4
26/10/2021 08:18	0.2	4.4
26/10/2021 08:24	NoData	NoData
26/10/2021 08:30	0.3	4.5
26/10/2021 08:36	0.3	4.5
26/10/2021 08:42	<Samp	<Samp
26/10/2021 08:48	0.5	4.5
26/10/2021 08:54	0.4	4.4
26/10/2021 09:00	<Samp	<Samp
26/10/2021 09:06	0.4	4.5
26/10/2021 09:12	0.3	4.4
26/10/2021 09:18	<Samp	<Samp
26/10/2021 09:24	0.4	4.5
26/10/2021 09:30	0.4	4.5
26/10/2021 09:36	<Samp	<Samp
26/10/2021 09:42	0.3	4.6
26/10/2021 09:48	0.4	4.6
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26/10/2021 10:00	0.5	4.6
26/10/2021 10:06	0.4	4.6
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26/10/2021 10:24	NoData	NoData
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26/10/2021 10:54	0.2	4.5
26/10/2021 11:00	<Samp	<Samp
26/10/2021 11:06	0.3	4.6
26/10/2021 11:12	0.3	4.6
26/10/2021 11:18	<Samp	<Samp
26/10/2021 11:24	0.1	4.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/10/2021 11:30	0.1	4.6
26/10/2021 11:36	<Samp	<Samp
26/10/2021 11:42	0	4.6
26/10/2021 11:48	-0.1	4.5
26/10/2021 11:54	-0.1	4.4
26/10/2021 12:00	-0.7	4.3
26/10/2021 12:06	B	4
26/10/2021 12:12	B	4.1
26/10/2021 12:18	B	4.1
26/10/2021 12:24	<Samp	<Samp
26/10/2021 12:30	B	4
26/10/2021 12:36	B	3.9
26/10/2021 12:42	<Samp	<Samp
26/10/2021 12:48	B	4
26/10/2021 12:54	B	4
26/10/2021 13:00	<Samp	<Samp
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26/10/2021 13:12	B	3.9
26/10/2021 13:18	B	3.8
26/10/2021 13:24	B	3.9
26/10/2021 13:30	B	3.8
26/10/2021 13:36	<Samp	<Samp
26/10/2021 13:42	-1.4	3.8
26/10/2021 13:48	-1.4	3.8
26/10/2021 13:54	-1.1	3.9
26/10/2021 14:00	-1.3	3.7
26/10/2021 14:06	NoData	NoData
26/10/2021 14:12	-1.1	3.8
26/10/2021 14:18	-1.1	3.8
26/10/2021 14:24	<Samp	<Samp
26/10/2021 14:30	-1.1	3.7
26/10/2021 14:36	-1	3.7
26/10/2021 14:42	<Samp	<Samp
26/10/2021 14:48	-0.9	3.7
26/10/2021 14:54	-1.1	3.7
26/10/2021 15:00	<Samp	<Samp
26/10/2021 15:06	-2	2.5
26/10/2021 15:12	-2	2.5
26/10/2021 15:18	<Samp	<Samp
26/10/2021 15:24	-2	2.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/10/2021 15:30	-1.9	2.4
26/10/2021 15:36	<Samp	<Samp
26/10/2021 15:42	-1.9	2.4
26/10/2021 15:48	-1.9	2.5
26/10/2021 15:54	-1.9	2.5
26/10/2021 16:00	-1.8	2.6
26/10/2021 16:06	NoData	NoData
26/10/2021 16:12	-1.7	2.6
26/10/2021 16:18	-1.7	2.7
26/10/2021 16:24	<Samp	<Samp
26/10/2021 16:30	-0.7	3.8
26/10/2021 16:36	-0.8	3.8
26/10/2021 16:42	<Samp	<Samp
26/10/2021 16:48	-0.7	3.7
26/10/2021 16:54	-0.9	3.7
26/10/2021 17:00	<Samp	<Samp
26/10/2021 17:06	-1.2	3.8
26/10/2021 17:12	-1.2	3.8
26/10/2021 17:18	<Samp	<Samp
26/10/2021 17:24	-1.2	3.7
26/10/2021 17:30	-1.3	3.7
26/10/2021 17:36	<Samp	<Samp
26/10/2021 17:42	-1.3	3.7
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26/10/2021 18:06	NoData	NoData
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26/10/2021 18:24	<Samp	<Samp
26/10/2021 18:30	-1.2	3.1
26/10/2021 18:36	-1.2	2.8
26/10/2021 18:42	<Samp	<Samp
26/10/2021 18:48	-1.2	2.8
26/10/2021 18:54	-1.2	2.8
26/10/2021 19:00	<Samp	<Samp
26/10/2021 19:06	-1.3	3
26/10/2021 19:12	-1.4	2.9
26/10/2021 19:18	<Samp	<Samp
26/10/2021 19:24	-1.7	3.3

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26/10/2021 19:30	-1.7	3.3
26/10/2021 19:36	-1.8	2.9
26/10/2021 19:42	-1.7	4.2
26/10/2021 19:48	NoData	NoData
26/10/2021 19:54	-1.5	3.7
26/10/2021 20:00	-1.5	3.6
26/10/2021 20:06	NoData	NoData
26/10/2021 20:12	-0.9	4.1
26/10/2021 20:18	-1.2	3.9
26/10/2021 20:24	<Samp	<Samp
26/10/2021 20:30	-0.7	4.3
26/10/2021 20:36	-0.7	4.2
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26/10/2021 20:54	-0.6	4.2
26/10/2021 21:00	<Samp	<Samp
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26/10/2021 21:12	-0.7	4.2
26/10/2021 21:18	<Samp	<Samp
26/10/2021 21:24	-0.6	4.1
26/10/2021 21:30	-0.7	4
26/10/2021 21:36	-0.8	4
26/10/2021 21:42	-0.7	4
26/10/2021 21:48	NoData	NoData
26/10/2021 21:54	-0.7	4.1
26/10/2021 22:00	-0.8	4.1
26/10/2021 22:06	<Samp	<Samp
26/10/2021 22:12	-1	4.1
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26/10/2021 22:24	<Samp	<Samp
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26/10/2021 22:54	-1	4.2
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26/10/2021 23:06	-1.1	4
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26/10/2021 23:18	<Samp	<Samp
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26/10/2021 23:30	-1.3	3.4
26/10/2021 23:36	-1.8	3.2
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26/10/2021 23:54	-1.7	3.2
27/10/2021 00:00	-1.7	3.3
27/10/2021 00:06	<Samp	<Samp
27/10/2021 00:12	-1.7	3.2
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27/10/2021 00:54	-1.7	3.2
27/10/2021 01:00	<Samp	<Samp
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27/10/2021 01:30	-1.7	3.4
27/10/2021 01:36	-1.6	3.9
27/10/2021 01:42	-1.6	4
27/10/2021 01:48	NoData	NoData
27/10/2021 01:54	-1.6	3.9
27/10/2021 02:00	-1.6	3.8
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27/10/2021 02:24	<Samp	<Samp
27/10/2021 02:30	-1.5	3.8
27/10/2021 02:36	-1.5	3.8
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27/10/2021 03:00	<Samp	<Samp
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27/10/2021 03:18	-1.5	3.9
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Date & Time	PE 1	PE 4
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27/10/2021 04:00	-1.6	3.8
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27/10/2021 05:42	-1.8	2.9
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27/10/2021 06:18	-1.3	3
27/10/2021 06:24	<Samp	<Samp
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27/10/2021 06:36	-1.3	3.1
27/10/2021 06:42	<Samp	<Samp
27/10/2021 06:48	-1.3	3.1
27/10/2021 06:54	-1.3	3
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27/10/2021 07:12	-1.3	3
27/10/2021 07:18	-1.3	3
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## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
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27/10/2021 07:30	NoData	NoData
27/10/2021 07:36	-1.2	3
27/10/2021 07:42	-1.3	3
27/10/2021 07:48	<Samp	<Samp
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27/10/2021 10:18	-1.6	2.7
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27/10/2021 10:36	-1.6	2.8
27/10/2021 10:42	<Samp	<Samp
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27/10/2021 11:06	-1.7	2.9
27/10/2021 11:12	-1.4	3
27/10/2021 11:18	-0.9	3
27/10/2021 11:24	-0.9	3



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27/10/2021 11:30	NoData	NoData
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27/10/2021 13:06	1.1	3.2
27/10/2021 13:12	1	3.2
27/10/2021 13:18	1.1	3.2
27/10/2021 13:24	1.2	3.2
27/10/2021 13:30	NoData	NoData
27/10/2021 13:36	0.7	3
27/10/2021 13:42	0.8	3
27/10/2021 13:48	1.1	3.2
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27/10/2021 14:06	<Samp	<Samp
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27/10/2021 14:36	1.5	3.5
27/10/2021 14:42	<Samp	<Samp
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27/10/2021 15:00	1.4	3.4
27/10/2021 15:06	1.4	3.4
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27/10/2021 15:24	1.4	3.4

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**Company:** New York City D.E.P.  
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Date & Time	PE 1	PE 4
	%	%
27/10/2021 15:30	<Samp	<Samp
27/10/2021 15:36	0.3	3.4
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27/10/2021 18:00	0	3.2
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27/10/2021 18:18	0	3.3
27/10/2021 18:24	<Samp	<Samp
27/10/2021 18:30	0	3.3
27/10/2021 18:36	-0.1	3.3
27/10/2021 18:42	<Samp	<Samp
27/10/2021 18:48	0	3.3
27/10/2021 18:54	0	3.3
27/10/2021 19:00	0	3.2
27/10/2021 19:06	0	3.3
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**Company:** New York City D.E.P.  
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27/10/2021 21:54	0	3.7
27/10/2021 22:00	0	3.7
27/10/2021 22:06	<Samp	<Samp
27/10/2021 22:12	0	3.7
27/10/2021 22:18	-0.1	3.8
27/10/2021 22:24	<Samp	<Samp
27/10/2021 22:30	0	3.8
27/10/2021 22:36	0	3.8
27/10/2021 22:42	0	3.8
27/10/2021 22:48	0	3.8
27/10/2021 22:54	-0.1	3.7
27/10/2021 23:00	0	3.7
27/10/2021 23:06	0	3.7
27/10/2021 23:12	NoData	NoData
27/10/2021 23:18	-0.1	3.8
27/10/2021 23:24	-0.1	3.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
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27/10/2021 23:30	<Samp	<Samp
27/10/2021 23:36	-0.1	3.8
27/10/2021 23:42	-0.1	3.8
27/10/2021 23:48	<Samp	<Samp
27/10/2021 23:54	-0.1	3.8
28/10/2021 00:00	-0.1	3.7
28/10/2021 00:06	0	3.8
28/10/2021 00:12	-0.1	3.8
28/10/2021 00:18	-0.1	3.8
28/10/2021 00:24	<Samp	<Samp
28/10/2021 00:30	-0.1	3.8
28/10/2021 00:36	-0.1	3.8
28/10/2021 00:42	0	3.8
28/10/2021 00:48	0	3.8
28/10/2021 00:54	-0.1	3.7
28/10/2021 01:00	-0.1	3.6
28/10/2021 01:06	-0.1	3.5
28/10/2021 01:12	<Samp	<Samp
28/10/2021 01:18	-0.1	3.6
28/10/2021 01:24	-0.1	3.5
28/10/2021 01:30	<Samp	<Samp
28/10/2021 01:36	-0.1	3.5
28/10/2021 01:42	-0.1	3.5
28/10/2021 01:48	<Samp	<Samp
28/10/2021 01:54	-0.1	3.5
28/10/2021 02:00	-0.1	3.5
28/10/2021 02:06	<Samp	<Samp
28/10/2021 02:12	-0.1	4.3
28/10/2021 02:18	-0.1	4.1
28/10/2021 02:24	<Samp	<Samp
28/10/2021 02:30	-0.2	4
28/10/2021 02:36	-0.2	4
28/10/2021 02:42	-0.2	4
28/10/2021 02:48	-0.2	4.1
28/10/2021 02:54	NoData	NoData
28/10/2021 03:00	-0.2	4.1
28/10/2021 03:06	-0.2	4.1
28/10/2021 03:12	<Samp	<Samp
28/10/2021 03:18	-0.2	4.1
28/10/2021 03:24	-0.2	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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28/10/2021 03:36	-0.2	4.1
28/10/2021 03:42	-0.2	4.1
28/10/2021 03:48	<Samp	<Samp
28/10/2021 03:54	-0.2	4.1
28/10/2021 04:00	-0.2	4.1
28/10/2021 04:06	<Samp	<Samp
28/10/2021 04:12	-0.2	4
28/10/2021 04:18	-0.2	4.1
28/10/2021 04:24	<Samp	<Samp
28/10/2021 04:30	-0.2	4.1
28/10/2021 04:36	-0.2	4.1
28/10/2021 04:42	-0.2	4.1
28/10/2021 04:48	-0.2	4.1
28/10/2021 04:54	NoData	NoData
28/10/2021 05:00	-0.2	4.1
28/10/2021 05:06	-0.2	4
28/10/2021 05:12	<Samp	<Samp
28/10/2021 05:18	-0.2	4
28/10/2021 05:24	-0.2	4
28/10/2021 05:30	<Samp	<Samp
28/10/2021 05:36	-0.2	4
28/10/2021 05:42	-0.2	4
28/10/2021 05:48	<Samp	<Samp
28/10/2021 05:54	-0.2	4
28/10/2021 06:00	-0.2	4.1
28/10/2021 06:06	<Samp	<Samp
28/10/2021 06:12	-0.2	4.1
28/10/2021 06:18	-0.2	4.2
28/10/2021 06:24	<Samp	<Samp
28/10/2021 06:30	-0.2	4.2
28/10/2021 06:36	-0.2	4.2
28/10/2021 06:42	-0.2	4.2
28/10/2021 06:48	-0.2	4.2
28/10/2021 06:54	NoData	NoData
28/10/2021 07:00	-0.2	4.2
28/10/2021 07:06	-0.2	4.2
28/10/2021 07:12	<Samp	<Samp
28/10/2021 07:18	-0.2	4.2
28/10/2021 07:24	-0.2	4.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
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28/10/2021 07:36	-0.3	4.4
28/10/2021 07:42	-0.3	4.3
28/10/2021 07:48	<Samp	<Samp
28/10/2021 07:54	-0.3	4.2
28/10/2021 08:00	-0.3	4.2
28/10/2021 08:06	<Samp	<Samp
28/10/2021 08:12	-0.3	4.2
28/10/2021 08:18	-0.3	4.2
28/10/2021 08:24	-0.3	4.3
28/10/2021 08:30	-0.3	4.3
28/10/2021 08:36	NoData	NoData
28/10/2021 08:42	-0.2	4.3
28/10/2021 08:48	-0.2	4.3
28/10/2021 08:54	NoData	NoData
28/10/2021 09:00	-0.2	4.3
28/10/2021 09:06	-0.2	4.3
28/10/2021 09:12	<Samp	<Samp
28/10/2021 09:18	-0.2	4.3
28/10/2021 09:24	-0.2	4.3
28/10/2021 09:30	<Samp	<Samp
28/10/2021 09:36	-0.2	4.3
28/10/2021 09:42	-0.2	4.3
28/10/2021 09:48	<Samp	<Samp
28/10/2021 09:54	-0.2	4.3
28/10/2021 10:00	-0.2	4.3
28/10/2021 10:06	<Samp	<Samp
28/10/2021 10:12	-0.2	4.3
28/10/2021 10:18	-0.2	4.3
28/10/2021 10:24	-0.2	4.3
28/10/2021 10:30	-0.2	4.3
28/10/2021 10:36	NoData	NoData
28/10/2021 10:42	-0.2	4.3
28/10/2021 10:48	-0.2	4.3
28/10/2021 10:54	<Samp	<Samp
28/10/2021 11:00	-0.1	4.3
28/10/2021 11:06	-0.1	4.2
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28/10/2021 11:18	-0.1	4.2
28/10/2021 11:24	-0.1	4.2

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Date & Time	PE 1	PE 4
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28/10/2021 11:30	<Samp	<Samp
28/10/2021 11:36	-0.1	4.1
28/10/2021 11:42	-0.1	4.1
28/10/2021 11:48	<Samp	<Samp
28/10/2021 11:54	-0.1	4.1
28/10/2021 12:00	0	4.2
28/10/2021 12:06	<Samp	<Samp
28/10/2021 12:12	0.2	4.2
28/10/2021 12:18	0.2	4.2
28/10/2021 12:24	0.2	4.2
28/10/2021 12:30	0.2	4.2
28/10/2021 12:36	NoData	NoData
28/10/2021 12:42	0.2	4.2
28/10/2021 12:48	0.2	4.2
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28/10/2021 13:00	0.3	4.1
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28/10/2021 13:18	0.3	4.2
28/10/2021 13:24	0.3	4.2
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28/10/2021 13:48	<Samp	<Samp
28/10/2021 13:54	0.3	4.2
28/10/2021 14:00	0.3	4.2
28/10/2021 14:06	<Samp	<Samp
28/10/2021 14:12	0.3	4.2
28/10/2021 14:18	0.3	4.2
28/10/2021 14:24	0.3	4.2
28/10/2021 14:30	0.3	4.2
28/10/2021 14:36	NoData	NoData
28/10/2021 14:42	0.2	4.2
28/10/2021 14:48	0.2	4.2
28/10/2021 14:54	<Samp	<Samp
28/10/2021 15:00	0.2	4.1
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Date & Time	PE 1	PE 4
	%	%
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28/10/2021 15:36	0.3	4.2
28/10/2021 15:42	0.3	4.2
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28/10/2021 15:54	0.3	4.2
28/10/2021 16:00	0.3	4.3
28/10/2021 16:06	0.3	4.2
28/10/2021 16:12	0.3	4.2
28/10/2021 16:18	0.3	4.2
28/10/2021 16:24	0.3	4.2
28/10/2021 16:30	0.3	4.2
28/10/2021 16:36	NoData	NoData
28/10/2021 16:42	0.2	4.1
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28/10/2021 17:00	0.2	4.2
28/10/2021 17:06	0.2	4.2
28/10/2021 17:12	<Samp	<Samp
28/10/2021 17:18	0.2	4.1
28/10/2021 17:24	0.2	4.1
28/10/2021 17:30	<Samp	<Samp
28/10/2021 17:36	0.2	4.1
28/10/2021 17:42	0.2	4.1
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28/10/2021 18:12	0.2	4.2
28/10/2021 18:18	NoData	NoData
28/10/2021 18:24	0.1	4.2
28/10/2021 18:30	0.1	4.2
28/10/2021 18:36	NoData	NoData
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28/10/2021 19:18	0.1	4.1
28/10/2021 19:24	0.1	4.1



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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28/10/2021 19:36	0.1	4.1
28/10/2021 19:42	0.1	4.1
28/10/2021 19:48	<Samp	<Samp
28/10/2021 19:54	0.2	4.1
28/10/2021 20:00	0.1	4.2
28/10/2021 20:06	0.1	4.2
28/10/2021 20:12	0.1	4.2
28/10/2021 20:18	NoData	NoData
28/10/2021 20:24	0.1	4.2
28/10/2021 20:30	0.1	4.2
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28/10/2021 20:48	0.1	4.2
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28/10/2021 21:00	0.1	4.2
28/10/2021 21:06	0.1	4.2
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28/10/2021 21:18	0.1	4.2
28/10/2021 21:24	0.1	4.2
28/10/2021 21:30	<Samp	<Samp
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28/10/2021 21:42	0.1	4.2
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28/10/2021 22:00	0.1	4.2
28/10/2021 22:06	0.1	4.2
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28/10/2021 22:18	NoData	NoData
28/10/2021 22:24	0.1	4.1
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28/10/2021 22:48	0.1	4.1
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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/10/2021 23:30	<Samp	<Samp
28/10/2021 23:36	0.1	4.2
28/10/2021 23:42	0.1	4.2
28/10/2021 23:48	<Samp	<Samp
28/10/2021 23:54	0.1	4.1
29/10/2021 00:00	0.1	4
29/10/2021 00:06	0.1	4
29/10/2021 00:12	0.1	4
29/10/2021 00:18	NoData	NoData
29/10/2021 00:24	0.1	4
29/10/2021 00:30	0.1	4
29/10/2021 00:36	<Samp	<Samp
29/10/2021 00:42	0.1	4.1
29/10/2021 00:48	0.1	4.1
29/10/2021 00:54	<Samp	<Samp
29/10/2021 01:00	0.1	4.1
29/10/2021 01:06	0.1	4.1
29/10/2021 01:12	<Samp	<Samp
29/10/2021 01:18	0.1	4.3
29/10/2021 01:24	0.1	4.2
29/10/2021 01:30	<Samp	<Samp
29/10/2021 01:36	0.1	4.2
29/10/2021 01:42	0.1	4.3
29/10/2021 01:48	0.1	4.3
29/10/2021 01:54	0.1	4.3
29/10/2021 02:00	0.1	4.2
29/10/2021 02:06	0.1	4
29/10/2021 02:12	0.1	4
29/10/2021 02:18	NoData	NoData
29/10/2021 02:24	0.1	4.1
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29/10/2021 02:48	0.1	4.1
29/10/2021 02:54	<Samp	<Samp
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29/10/2021 03:06	0.1	4
29/10/2021 03:12	<Samp	<Samp
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29/10/2021 03:24	0	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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29/10/2021 03:42	0	4.1
29/10/2021 03:48	0	4.1
29/10/2021 03:54	0	4.1
29/10/2021 04:00	NoData	NoData
29/10/2021 04:06	0	4
29/10/2021 04:12	0	4
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29/10/2021 04:24	0	4.1
29/10/2021 04:30	0	4.1
29/10/2021 04:36	<Samp	<Samp
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29/10/2021 04:54	<Samp	<Samp
29/10/2021 05:00	0	4.1
29/10/2021 05:06	0	4.1
29/10/2021 05:12	<Samp	<Samp
29/10/2021 05:18	0	4.1
29/10/2021 05:24	0	4.1
29/10/2021 05:30	<Samp	<Samp
29/10/2021 05:36	-0.1	4.1
29/10/2021 05:42	-0.1	4.1
29/10/2021 05:48	-0.1	4
29/10/2021 05:54	-0.1	4.1
29/10/2021 06:00	NoData	NoData
29/10/2021 06:06	-0.1	4
29/10/2021 06:12	-0.1	4.1
29/10/2021 06:18	<Samp	<Samp
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29/10/2021 06:30	-0.1	4.1
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29/10/2021 06:48	-0.1	4.1
29/10/2021 06:54	<Samp	<Samp
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29/10/2021 07:06	-0.1	4.1
29/10/2021 07:12	<Samp	<Samp
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29/10/2021 07:24	-0.1	4.1

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Date & Time	PE 1	PE 4
	%	%
29/10/2021 07:30	-0.1	4.1
29/10/2021 07:36	-0.1	4.1
29/10/2021 07:42	-0.1	4.1
29/10/2021 07:48	-0.1	4.1
29/10/2021 07:54	0	4
29/10/2021 08:00	NoData	NoData
29/10/2021 08:06	0	4.2
29/10/2021 08:12	1.6	4.3
29/10/2021 08:18	<Samp	<Samp
29/10/2021 08:24	5.8	4.3
29/10/2021 08:30	3.3	4.3
29/10/2021 08:36	1.1	4.3
29/10/2021 08:42	0.5	4.3
29/10/2021 08:48	0.2	4.3
29/10/2021 08:54	<Samp	<Samp
29/10/2021 09:00	0.1	4.4
29/10/2021 09:06	0	4.4
29/10/2021 09:12	<Samp	<Samp
29/10/2021 09:18	0	4.4
29/10/2021 09:24	0	4.4
29/10/2021 09:30	<Samp	<Samp
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29/10/2021 09:42	0	4.4
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29/10/2021 09:54	0	4.4
29/10/2021 10:00	NoData	NoData
29/10/2021 10:06	0	4.3
29/10/2021 10:12	0	4.3
29/10/2021 10:18	0	4.3
29/10/2021 10:24	0	4.3
29/10/2021 10:30	0	4.3
29/10/2021 10:36	<Samp	<Samp
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29/10/2021 10:54	<Samp	<Samp
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29/10/2021 11:06	0.1	4.3
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Date & Time	PE 1	PE 4
	%	%
29/10/2021 11:30	0.1	4.3
29/10/2021 11:36	0.1	4.3
29/10/2021 11:42	NoData	NoData
29/10/2021 11:48	0.1	4.2
29/10/2021 11:54	0.1	4.3
29/10/2021 12:00	NoData	NoData
29/10/2021 12:06	0.1	4.3
29/10/2021 12:12	0.1	4.3
29/10/2021 12:18	<Samp	<Samp
29/10/2021 12:24	0.1	4.3
29/10/2021 12:30	0.1	4.3
29/10/2021 12:36	<Samp	<Samp
29/10/2021 12:42	0.1	4.3
29/10/2021 12:48	0.1	4.3
29/10/2021 12:54	<Samp	<Samp
29/10/2021 13:00	0.1	4.3
29/10/2021 13:06	0.1	4.3
29/10/2021 13:12	<Samp	<Samp
29/10/2021 13:18	0.1	4.3
29/10/2021 13:24	0.1	4.3
29/10/2021 13:30	0.2	4.3
29/10/2021 13:36	0.1	4.2
29/10/2021 13:42	NoData	NoData
29/10/2021 13:48	0.2	4.2
29/10/2021 13:54	0.2	4.2
29/10/2021 14:00	<Samp	<Samp
29/10/2021 14:06	0.2	4.2
29/10/2021 14:12	0.2	4.2
29/10/2021 14:18	<Samp	<Samp
29/10/2021 14:24	0.2	4.2
29/10/2021 14:30	0.2	4.2
29/10/2021 14:36	<Samp	<Samp
29/10/2021 14:42	0.2	4.1
29/10/2021 14:48	<Samp	<Samp
29/10/2021 14:54	Maintain	Maintain
29/10/2021 15:00	<Samp	<Samp
29/10/2021 15:06	0.1	4.2
29/10/2021 15:12	<Samp	<Samp
29/10/2021 15:18	0.2	4.2
29/10/2021 15:24	0.1	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/10/2021 15:30	0.2	4.2
29/10/2021 15:36	0.1	4.2
29/10/2021 15:42	NoData	NoData
29/10/2021 15:48	0.1	3.9
29/10/2021 15:54	3	3.9
29/10/2021 16:00	<Samp	<Samp
29/10/2021 16:06	12.8	4
29/10/2021 16:12	9.8	4
29/10/2021 16:18	<Samp	<Samp
29/10/2021 16:24	1.3	3.9
29/10/2021 16:30	0.8	3.9
29/10/2021 16:36	<Samp	<Samp
29/10/2021 16:42	4.5	4
29/10/2021 16:48	1.8	4
29/10/2021 16:54	<Samp	<Samp
29/10/2021 17:00	1.4	4
29/10/2021 17:06	1.3	4
29/10/2021 17:12	<Samp	<Samp
29/10/2021 17:18	0.9	4.1
29/10/2021 17:24	0.8	4
29/10/2021 17:30	0.6	4
29/10/2021 17:36	0.6	4
29/10/2021 17:42	NoData	NoData
29/10/2021 17:48	0.3	4
29/10/2021 17:54	0.3	4
29/10/2021 18:00	<Samp	<Samp
29/10/2021 18:06	0.2	4
29/10/2021 18:12	0.2	4.1
29/10/2021 18:18	<Samp	<Samp
29/10/2021 18:24	0.1	4.1
29/10/2021 18:30	0.1	4.1
29/10/2021 18:36	<Samp	<Samp
29/10/2021 18:42	0.1	4
29/10/2021 18:48	0.1	4.1
29/10/2021 18:54	<Samp	<Samp
29/10/2021 19:00	0.1	4.1
29/10/2021 19:06	0.1	4.1
29/10/2021 19:12	<Samp	<Samp
29/10/2021 19:18	0.1	4
29/10/2021 19:24	0.1	4

## 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 4
	%	%
29/10/2021 19:30	0.1	4
29/10/2021 19:36	0.1	4
29/10/2021 19:42	NoData	NoData
29/10/2021 19:48	0.1	4
29/10/2021 19:54	0.1	4
29/10/2021 20:00	<Samp	<Samp
29/10/2021 20:06	0.1	4
29/10/2021 20:12	0.1	4
29/10/2021 20:18	<Samp	<Samp
29/10/2021 20:24	0.1	4.4
29/10/2021 20:30	0.1	4.3
29/10/2021 20:36	<Samp	<Samp
29/10/2021 20:42	0.1	4.3
29/10/2021 20:48	0.1	4.3
29/10/2021 20:54	<Samp	<Samp
29/10/2021 21:00	0.2	4.5
29/10/2021 21:06	0.3	4.6
29/10/2021 21:12	0.4	4.6
29/10/2021 21:18	0.4	4.6
29/10/2021 21:24	NoData	NoData
29/10/2021 21:30	0.3	4.6
29/10/2021 21:36	0.4	4.7
29/10/2021 21:42	NoData	NoData
29/10/2021 21:48	<Samp	<Samp
29/10/2021 21:54	0.5	4.8
29/10/2021 22:00	<Samp	<Samp
29/10/2021 22:06	9.1	4.7
29/10/2021 22:12	4.9	4.6
29/10/2021 22:18	<Samp	<Samp
29/10/2021 22:24	3.3	4.7
29/10/2021 22:30	3.2	4.7
29/10/2021 22:36	<Samp	<Samp
29/10/2021 22:42	2.3	4.7
29/10/2021 22:48	2.1	4.7
29/10/2021 22:54	<Samp	<Samp
29/10/2021 23:00	1.7	4.7
29/10/2021 23:06	1.7	4.7
29/10/2021 23:12	<Samp	<Samp
29/10/2021 23:18	1.6	4.7
29/10/2021 23:24	NoData	NoData

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/10/2021 23:30	1.6	4.6
29/10/2021 23:36	1.6	4.6
29/10/2021 23:42	<Samp	<Samp
29/10/2021 23:48	1.4	4.6
29/10/2021 23:54	1.4	4.5
30/10/2021 00:00	<Samp	<Samp
30/10/2021 00:06	1.5	4.6
30/10/2021 00:12	1.6	4.6
30/10/2021 00:18	<Samp	<Samp
30/10/2021 00:24	1.4	4.7
30/10/2021 00:30	1.4	4.7
30/10/2021 00:36	<Samp	<Samp
30/10/2021 00:42	1.3	4.6
30/10/2021 00:48	1.3	4.6
30/10/2021 00:54	<Samp	<Samp
30/10/2021 01:00	1.3	4.6
30/10/2021 01:06	1.2	4.5
30/10/2021 01:12	1.2	4.5
30/10/2021 01:18	1.1	4.5
30/10/2021 01:24	NoData	NoData
30/10/2021 01:30	1.1	4.5
30/10/2021 01:36	1.1	4.5
30/10/2021 01:42	<Samp	<Samp
30/10/2021 01:48	1.1	4.6
30/10/2021 01:54	1.2	4.6
30/10/2021 02:00	<Samp	<Samp
30/10/2021 02:06	1.3	4.5
30/10/2021 02:12	1.3	4.5
30/10/2021 02:18	<Samp	<Samp
30/10/2021 02:24	0.8	4.5
30/10/2021 02:30	0.8	4.4
30/10/2021 02:36	<Samp	<Samp
30/10/2021 02:42	0.9	4.5
30/10/2021 02:48	1.1	4.5
30/10/2021 02:54	<Samp	<Samp
30/10/2021 03:00	1	4.3
30/10/2021 03:06	1	4
30/10/2021 03:12	1	3.8
30/10/2021 03:18	1.1	3.8
30/10/2021 03:24	NoData	NoData



## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/10/2021 03:30	1.1	3.8
30/10/2021 03:36	1.1	3.8
30/10/2021 03:42	<Samp	<Samp
30/10/2021 03:48	1.2	4
30/10/2021 03:54	1.3	4.5
30/10/2021 04:00	<Samp	<Samp
30/10/2021 04:06	1.4	4.7
30/10/2021 04:12	1.5	4.7
30/10/2021 04:18	<Samp	<Samp
30/10/2021 04:24	1.5	4.6
30/10/2021 04:30	1.5	4.6
30/10/2021 04:36	<Samp	<Samp
30/10/2021 04:42	1.6	4.7
30/10/2021 04:48	1.6	4.7
30/10/2021 04:54	1.6	4.6
30/10/2021 05:00	1.6	4.6
30/10/2021 05:06	1.6	4.6
30/10/2021 05:12	1.6	4.6
30/10/2021 05:18	1.6	4.7
30/10/2021 05:24	NoData	NoData
30/10/2021 05:30	2.2	4.6
30/10/2021 05:36	1.9	4.6
30/10/2021 05:42	<Samp	<Samp
30/10/2021 05:48	1.6	4.5
30/10/2021 05:54	1.6	4.5
30/10/2021 06:00	<Samp	<Samp
30/10/2021 06:06	1.6	4.5
30/10/2021 06:12	1.6	4.5
30/10/2021 06:18	<Samp	<Samp
30/10/2021 06:24	1.6	4.5
30/10/2021 06:30	1.5	4.5
30/10/2021 06:36	<Samp	<Samp
30/10/2021 06:42	1.5	4.4
30/10/2021 06:48	1.5	4.4
30/10/2021 06:54	1.5	4.4
30/10/2021 07:00	1.5	4.5
30/10/2021 07:06	NoData	NoData
30/10/2021 07:12	1.5	4.5
30/10/2021 07:18	1.5	4.5
30/10/2021 07:24	NoData	NoData

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/10/2021 07:30	1.5	4.5
30/10/2021 07:36	1.5	4.5
30/10/2021 07:42	<Samp	<Samp
30/10/2021 07:48	1.6	4.5
30/10/2021 07:54	1.6	4.5
30/10/2021 08:00	<Samp	<Samp
30/10/2021 08:06	1.2	4.7
30/10/2021 08:12	1	4.7
30/10/2021 08:18	<Samp	<Samp
30/10/2021 08:24	0.9	4.6
30/10/2021 08:30	0.8	4.6
30/10/2021 08:36	<Samp	<Samp
30/10/2021 08:42	0.9	4.5
30/10/2021 08:48	1	4.5
30/10/2021 08:54	0.8	4.5
30/10/2021 09:00	0.6	4.5
30/10/2021 09:06	NoData	NoData
30/10/2021 09:12	0.3	4.5
30/10/2021 09:18	0.3	4.5
30/10/2021 09:24	<Samp	<Samp
30/10/2021 09:30	0.2	4.5
30/10/2021 09:36	0.2	4.4
30/10/2021 09:42	<Samp	<Samp
30/10/2021 09:48	0.3	4.4
30/10/2021 09:54	0.3	4.5
30/10/2021 10:00	<Samp	<Samp
30/10/2021 10:06	0.3	4.4
30/10/2021 10:12	0.3	4.4
30/10/2021 10:18	<Samp	<Samp
30/10/2021 10:24	0.4	4.4
30/10/2021 10:30	0.4	4.4
30/10/2021 10:36	<Samp	<Samp
30/10/2021 10:42	0.3	4.4
30/10/2021 10:48	0.3	4.4
30/10/2021 10:54	0.3	4.3
30/10/2021 11:00	0.3	4.4
30/10/2021 11:06	NoData	NoData
30/10/2021 11:12	0.2	4.4
30/10/2021 11:18	0.3	4.4
30/10/2021 11:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/10/2021 11:30	0.3	4.3
30/10/2021 11:36	0.3	4.3
30/10/2021 11:42	<Samp	<Samp
30/10/2021 11:48	0.3	4.3
30/10/2021 11:54	0.3	4.3
30/10/2021 12:00	<Samp	<Samp
30/10/2021 12:06	-0.8	4.2
30/10/2021 12:12	-0.8	4.2
30/10/2021 12:18	<Samp	<Samp
30/10/2021 12:24	-0.8	4.2
30/10/2021 12:30	-0.8	4.2
30/10/2021 12:36	<Samp	<Samp
30/10/2021 12:42	-0.8	4.2
30/10/2021 12:48	-0.8	4.2
30/10/2021 12:54	-0.8	4.2
30/10/2021 13:00	-0.8	4.2
30/10/2021 13:06	NoData	NoData
30/10/2021 13:12	-0.8	4.2
30/10/2021 13:18	-0.8	4.2
30/10/2021 13:24	<Samp	<Samp
30/10/2021 13:30	-0.8	4.2
30/10/2021 13:36	-0.8	4.2
30/10/2021 13:42	<Samp	<Samp
30/10/2021 13:48	-0.8	4.2
30/10/2021 13:54	-0.8	4.2
30/10/2021 14:00	<Samp	<Samp
30/10/2021 14:06	-0.8	4.2
30/10/2021 14:12	-0.8	4.2
30/10/2021 14:18	<Samp	<Samp
30/10/2021 14:24	-0.8	4.2
30/10/2021 14:30	-0.8	4.2
30/10/2021 14:36	-0.8	4.2
30/10/2021 14:42	-0.8	4.2
30/10/2021 14:48	-0.8	4.3
30/10/2021 14:54	-0.8	4.2
30/10/2021 15:00	-0.8	4.2
30/10/2021 15:06	NoData	NoData
30/10/2021 15:12	-0.8	4.2
30/10/2021 15:18	-0.8	4.2
30/10/2021 15:24	<Samp	<Samp

## 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 4
	%	%
30/10/2021 15:30	-0.8	4.3
30/10/2021 15:36	-0.8	4.3
30/10/2021 15:42	<Samp	<Samp
30/10/2021 15:48	-0.8	4.4
30/10/2021 15:54	-0.8	4.4
30/10/2021 16:00	<Samp	<Samp
30/10/2021 16:06	-0.8	4.5
30/10/2021 16:12	-0.8	4.4
30/10/2021 16:18	<Samp	<Samp
30/10/2021 16:24	-0.8	4.3
30/10/2021 16:30	-0.8	4.3
30/10/2021 16:36	-0.8	4.3
30/10/2021 16:42	-0.8	4.3
30/10/2021 16:48	NoData	NoData
30/10/2021 16:54	<Samp	<Samp
30/10/2021 17:00	-0.9	4.2
30/10/2021 17:06	NoData	NoData
30/10/2021 17:12	-0.8	4.2
30/10/2021 17:18	-0.8	4.2
30/10/2021 17:24	<Samp	<Samp
30/10/2021 17:30	-0.9	4.2
30/10/2021 17:36	-0.8	4.2
30/10/2021 17:42	<Samp	<Samp
30/10/2021 17:48	-0.9	3.8
30/10/2021 17:54	-0.8	3.4
30/10/2021 18:00	NoData	NoData
30/10/2021 18:06	NoData	NoData
30/10/2021 18:12	NoData	NoData
30/10/2021 18:18	NoData	NoData
30/10/2021 18:24	NoData	NoData
30/10/2021 18:30	Zero	Zero
30/10/2021 18:36	<Samp	<Samp
30/10/2021 18:42	-1.1	3.4
30/10/2021 18:48	NoData	NoData
30/10/2021 18:54	-1	3.4
30/10/2021 19:00	-1	3.4
30/10/2021 19:06	<Samp	<Samp
30/10/2021 19:12	-1	3.4
30/10/2021 19:18	-1	3.4
30/10/2021 19:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/10/2021 19:30	-1	3.4
30/10/2021 19:36	-0.9	3.5
30/10/2021 19:42	<Samp	<Samp
30/10/2021 19:48	-0.9	3.5
30/10/2021 19:54	-0.9	3.4
30/10/2021 20:00	<Samp	<Samp
30/10/2021 20:06	-0.9	3.5
30/10/2021 20:12	-0.9	3.5
30/10/2021 20:18	<Samp	<Samp
30/10/2021 20:24	-0.9	3.6
30/10/2021 20:30	-0.9	3.6
30/10/2021 20:36	-0.9	3.6
30/10/2021 20:42	-0.9	3.6
30/10/2021 20:48	NoData	NoData
30/10/2021 20:54	<Samp	<Samp
30/10/2021 21:00	-0.8	3.7
30/10/2021 21:06	<Samp	<Samp
30/10/2021 21:12	-0.8	3.7
30/10/2021 21:18	-0.8	3.7
30/10/2021 21:24	<Samp	<Samp
30/10/2021 21:30	-0.9	3.7
30/10/2021 21:36	-0.9	3.7
30/10/2021 21:42	<Samp	<Samp
30/10/2021 21:48	-0.9	3.8
30/10/2021 21:54	-0.9	3.8
30/10/2021 22:00	<Samp	<Samp
30/10/2021 22:06	-0.9	3.8
30/10/2021 22:12	-0.9	3.7
30/10/2021 22:18	<Samp	<Samp
30/10/2021 22:24	-0.8	3.8
30/10/2021 22:30	-0.8	3.8
30/10/2021 22:36	-0.8	3.8
30/10/2021 22:42	-0.8	3.8
30/10/2021 22:48	NoData	NoData
30/10/2021 22:54	-0.8	3.9
30/10/2021 23:00	-0.8	3.9
30/10/2021 23:06	<Samp	<Samp
30/10/2021 23:12	-0.9	3.8
30/10/2021 23:18	-0.9	3.8
30/10/2021 23:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/10/2021 23:30	-0.9	3.9
30/10/2021 23:36	-0.9	3.8
30/10/2021 23:42	<Samp	<Samp
30/10/2021 23:48	-0.9	3.9
30/10/2021 23:54	-0.9	3.9
31/10/2021 00:00	<Samp	<Samp
31/10/2021 00:06	-0.9	3.9
31/10/2021 00:12	-0.9	3.9
31/10/2021 00:18	-0.9	3.9
31/10/2021 00:24	-0.9	3.9
31/10/2021 00:30	-0.9	3.9
31/10/2021 00:36	<Samp	<Samp
31/10/2021 00:42	-0.9	3.9
31/10/2021 00:48	NoData	NoData
31/10/2021 00:54	-0.9	3.9
31/10/2021 01:00	-0.9	3.9
31/10/2021 01:06	<Samp	<Samp
31/10/2021 01:12	-0.9	3.8
31/10/2021 01:18	-0.9	3.7
31/10/2021 01:24	<Samp	<Samp
31/10/2021 01:30	-0.9	3.6
31/10/2021 01:36	-0.9	3.6
31/10/2021 01:42	<Samp	<Samp
31/10/2021 01:48	-0.9	3.6
31/10/2021 01:54	-0.9	3.6
31/10/2021 02:00	<Samp	<Samp
31/10/2021 02:06	-0.9	3.6
31/10/2021 02:12	-0.9	3.6
31/10/2021 02:18	<Samp	<Samp
31/10/2021 02:24	-0.9	3.7
31/10/2021 02:30	NoData	NoData
31/10/2021 02:36	-0.9	3.8
31/10/2021 02:42	-0.9	3.8
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31/10/2021 02:54	-0.9	3.8
31/10/2021 03:00	-0.9	3.8
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31/10/2021 03:12	-0.9	3.8
31/10/2021 03:18	-0.9	3.7
31/10/2021 03:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
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31/10/2021 03:36	-0.9	3.6
31/10/2021 03:42	<Samp	<Samp
31/10/2021 03:48	-0.9	3.6
31/10/2021 03:54	-0.9	3.6
31/10/2021 04:00	<Samp	<Samp
31/10/2021 04:06	-0.9	3.6
31/10/2021 04:12	-0.9	3.6
31/10/2021 04:18	-0.9	3.7
31/10/2021 04:24	-0.9	3.7
31/10/2021 04:30	NoData	NoData
31/10/2021 04:36	-0.9	3.7
31/10/2021 04:42	-0.9	3.7
31/10/2021 04:48	<Samp	<Samp
31/10/2021 04:54	-0.9	3.7
31/10/2021 05:00	-0.9	3.7
31/10/2021 05:06	<Samp	<Samp
31/10/2021 05:12	-0.9	3.7
31/10/2021 05:18	-0.9	3.7
31/10/2021 05:24	<Samp	<Samp
31/10/2021 05:30	-0.9	3.7
31/10/2021 05:36	-0.9	3.7
31/10/2021 05:42	<Samp	<Samp
31/10/2021 05:48	-0.9	3.7
31/10/2021 05:54	-0.8	3.7
31/10/2021 06:00	<Samp	<Samp
31/10/2021 06:06	-0.8	3.7
31/10/2021 06:12	-0.8	3.7
31/10/2021 06:18	-0.8	3.6
31/10/2021 06:24	-0.8	3.6
31/10/2021 06:30	NoData	NoData
31/10/2021 06:36	-0.9	3.6
31/10/2021 06:42	-0.9	3.6
31/10/2021 06:48	<Samp	<Samp
31/10/2021 06:54	-0.9	3.5
31/10/2021 07:00	-0.9	3.6
31/10/2021 07:06	<Samp	<Samp
31/10/2021 07:12	-0.9	3.6
31/10/2021 07:18	-0.9	3.5
31/10/2021 07:24	<Samp	<Samp

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All Opacity Data

Date & Time	PE 1	PE 4
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31/10/2021 07:36	-0.8	3.6
31/10/2021 07:42	<Samp	<Samp
31/10/2021 07:48	-0.9	3.6
31/10/2021 07:54	-0.9	3.6
31/10/2021 08:00	<Samp	<Samp
31/10/2021 08:06	-0.9	3.5
31/10/2021 08:12	-0.9	3.5
31/10/2021 08:18	-0.9	3.6
31/10/2021 08:24	-0.9	3.6
31/10/2021 08:30	NoData	NoData
31/10/2021 08:36	-0.9	3.6
31/10/2021 08:42	-0.9	3.6
31/10/2021 08:48	<Samp	<Samp
31/10/2021 08:54	-0.9	3.6
31/10/2021 09:00	-0.9	3.6
31/10/2021 09:06	<Samp	<Samp
31/10/2021 09:12	-0.9	3.6
31/10/2021 09:18	-0.9	3.6
31/10/2021 09:24	<Samp	<Samp
31/10/2021 09:30	-0.9	3.6
31/10/2021 09:36	-0.9	3.6
31/10/2021 09:42	<Samp	<Samp
31/10/2021 09:48	-0.9	3.6
31/10/2021 09:54	-0.9	3.6
31/10/2021 10:00	-0.9	3.6
31/10/2021 10:06	-0.9	3.6
31/10/2021 10:12	-0.9	3.6
31/10/2021 10:18	-0.9	3.6
31/10/2021 10:24	-1	3.6
31/10/2021 10:30	NoData	NoData
31/10/2021 10:36	-0.9	3.5
31/10/2021 10:42	-0.9	3.5
31/10/2021 10:48	<Samp	<Samp
31/10/2021 10:54	-0.9	3.5
31/10/2021 11:00	-0.9	3.5
31/10/2021 11:06	<Samp	<Samp
31/10/2021 11:12	-0.9	3.5
31/10/2021 11:18	-0.9	3.5
31/10/2021 11:24	<Samp	<Samp



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/10/2021 11:30	-1	3.6
31/10/2021 11:36	-1	3.6
31/10/2021 11:42	<Samp	<Samp
31/10/2021 11:48	-1	3.5
31/10/2021 11:54	-1	3.6
31/10/2021 12:00	<Samp	<Samp
31/10/2021 12:06	-0.9	3.5
31/10/2021 12:12	NoData	NoData
31/10/2021 12:18	-0.9	3.6
31/10/2021 12:24	-0.9	3.5
31/10/2021 12:30	<Samp	<Samp
31/10/2021 12:36	-0.9	3.5
31/10/2021 12:42	-0.9	3.5
31/10/2021 12:48	<Samp	<Samp
31/10/2021 12:54	-0.8	3.5
31/10/2021 13:00	-0.9	3.5
31/10/2021 13:06	<Samp	<Samp
31/10/2021 13:12	-0.9	3.5
31/10/2021 13:18	-0.8	3.5
31/10/2021 13:24	<Samp	<Samp
31/10/2021 13:30	-0.8	3.5
31/10/2021 13:36	-0.8	3.5
31/10/2021 13:42	<Samp	<Samp
31/10/2021 13:48	-0.8	3.5
31/10/2021 13:54	-0.8	3.5
31/10/2021 14:00	-0.8	3.5
31/10/2021 14:06	-0.8	3.5
31/10/2021 14:12	NoData	NoData
31/10/2021 14:18	-0.8	3.2
31/10/2021 14:24	-0.8	3.2
31/10/2021 14:30	<Samp	<Samp
31/10/2021 14:36	-0.8	3.2
31/10/2021 14:42	-0.8	3.2
31/10/2021 14:48	<Samp	<Samp
31/10/2021 14:54	-0.8	3.4
31/10/2021 15:00	-0.8	3.4
31/10/2021 15:06	<Samp	<Samp
31/10/2021 15:12	-0.8	3.3
31/10/2021 15:18	-0.8	3.3
31/10/2021 15:24	<Samp	<Samp

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/10/2021 15:30	-0.8	3.3
31/10/2021 15:36	-0.8	3.3
31/10/2021 15:42	<Samp	<Samp
31/10/2021 15:48	-0.8	3.6
31/10/2021 15:54	-0.8	3.6
31/10/2021 16:00	-0.8	3.5
31/10/2021 16:06	-0.8	3.5
31/10/2021 16:12	NoData	NoData
31/10/2021 16:18	<Samp	<Samp
31/10/2021 16:24	-0.9	3.5
31/10/2021 16:30	<Samp	<Samp
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31/10/2021 16:42	-0.9	3.5
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31/10/2021 17:00	-0.9	3.6
31/10/2021 17:06	<Samp	<Samp
31/10/2021 17:12	-0.9	3.6
31/10/2021 17:18	-0.9	3.5
31/10/2021 17:24	<Samp	<Samp
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31/10/2021 17:36	-0.9	3.5
31/10/2021 17:42	<Samp	<Samp
31/10/2021 17:48	-0.9	3.6
31/10/2021 17:54	-0.9	3.5
31/10/2021 18:00	-0.9	3.5
31/10/2021 18:06	-0.9	3.5
31/10/2021 18:12	NoData	NoData
31/10/2021 18:18	-0.9	3.6
31/10/2021 18:24	-0.9	3.6
31/10/2021 18:30	<Samp	<Samp
31/10/2021 18:36	-0.9	3.6
31/10/2021 18:42	-0.9	3.5
31/10/2021 18:48	<Samp	<Samp
31/10/2021 18:54	-0.9	3.6
31/10/2021 19:00	-0.9	3.6
31/10/2021 19:06	<Samp	<Samp
31/10/2021 19:12	-0.9	3.6
31/10/2021 19:18	-0.9	3.6
31/10/2021 19:24	<Samp	<Samp

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/10/2021 19:30	-0.9	3.7
31/10/2021 19:36	-0.9	3.6
31/10/2021 19:42	-0.9	3.6
31/10/2021 19:48	-0.9	3.6
31/10/2021 19:54	NoData	NoData
31/10/2021 20:00	-0.9	3.6
31/10/2021 20:06	-0.9	3.5
31/10/2021 20:12	NoData	NoData
31/10/2021 20:18	-0.9	3.5
31/10/2021 20:24	-0.9	3.5
31/10/2021 20:30	<Samp	<Samp
31/10/2021 20:36	-0.9	3.5
31/10/2021 20:42	-0.9	3.5
31/10/2021 20:48	<Samp	<Samp
31/10/2021 20:54	-0.9	3.5
31/10/2021 21:00	-0.9	3.5
31/10/2021 21:06	<Samp	<Samp
31/10/2021 21:12	-1	3.4
31/10/2021 21:18	-1	3.4
31/10/2021 21:24	<Samp	<Samp
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31/10/2021 21:36	-1	3.4
31/10/2021 21:42	-1	3.4
31/10/2021 21:48	-1	3.4
31/10/2021 21:54	NoData	NoData
31/10/2021 22:00	-1	3.4
31/10/2021 22:06	-1	3.3
31/10/2021 22:12	<Samp	<Samp
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31/10/2021 22:24	-1	3.4
31/10/2021 22:30	<Samp	<Samp
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31/10/2021 22:42	-1	3.4
31/10/2021 22:48	<Samp	<Samp
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31/10/2021 23:00	-1	3.5
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31/10/2021 23:18	-1	3.3
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## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
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31/10/2021 23:36	-1	3.6
31/10/2021 23:42	<Samp	<Samp
31/10/2021 23:48	-1	4
31/10/2021 23:54	NoData	NoData
01/11/2021 00:00	-1	3.9
01/11/2021 00:06	-1	3.8
01/11/2021 00:12	-1	3.7
01/11/2021 00:18	-1	3.8
01/11/2021 00:24	-1	3.8
01/11/2021 00:30	-1	3.9
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01/11/2021 00:42	-1	4
01/11/2021 00:48	-1	3.9
01/11/2021 00:54	-1	3.9
01/11/2021 01:00	-1	3.9
01/11/2021 01:06	-1	3.9
01/11/2021 01:12	-1	3.9
01/11/2021 01:18	-1	3.9
01/11/2021 01:24	-1	3.9
01/11/2021 01:30	-1	3.9
01/11/2021 01:36	-1	3.9
01/11/2021 01:42	-1	3.9
01/11/2021 01:48	-1	3.8
01/11/2021 01:54	-1	3.9
01/11/2021 02:00	-1	3.9
01/11/2021 02:06	-1	3.8
01/11/2021 02:12	-1.1	3.8
01/11/2021 02:18	-1	3.7
01/11/2021 02:24	-1	3.8
01/11/2021 02:30	-1	3.8
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01/11/2021 02:48	-1.1	3.9
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01/11/2021 03:00	-1.1	3.9
01/11/2021 03:06	<Samp	<Samp
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01/11/2021 03:18	-1.1	3.5
01/11/2021 03:24	<Samp	<Samp

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Date & Time	PE 1	PE 4
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01/11/2021 03:30	-1.1	3.2
01/11/2021 03:36	-1.1	3.2
01/11/2021 03:42	<Samp	<Samp
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01/11/2021 04:00	-1.1	3.2
01/11/2021 04:06	-1.1	3.1
01/11/2021 04:12	NoData	NoData
01/11/2021 04:18	-1.1	3.1
01/11/2021 04:24	-1.1	3.1
01/11/2021 04:30	<Samp	<Samp
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01/11/2021 04:42	-1.1	3.1
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01/11/2021 06:06	-1.1	3.2
01/11/2021 06:12	NoData	NoData
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01/11/2021 06:24	-1.1	3.3
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01/11/2021 07:18	-1.1	3.2
01/11/2021 07:24	<Samp	<Samp

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Date & Time	PE 1	PE 4
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01/11/2021 07:30	-1.1	3.3
01/11/2021 07:36	-1.1	3.3
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01/11/2021 09:00	-1.1	3.1
01/11/2021 09:06	<Samp	<Samp
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01/11/2021 09:18	-1.1	3.1
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01/11/2021 10:24	-1.1	3
01/11/2021 10:30	<Samp	<Samp
01/11/2021 10:36	-1	3
01/11/2021 10:42	-1	3
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01/11/2021 10:54	-1	3
01/11/2021 11:00	-1	3
01/11/2021 11:06	<Samp	<Samp
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01/11/2021 11:18	-1	3
01/11/2021 11:24	<Samp	<Samp

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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01/11/2021 11:36	-1	3
01/11/2021 11:42	-1	3
01/11/2021 11:48	-1	3
01/11/2021 11:54	NoData	NoData
01/11/2021 12:00	-1	3
01/11/2021 12:06	-1	3
01/11/2021 12:12	<Samp	<Samp
01/11/2021 12:18	-0.9	3
01/11/2021 12:24	-0.9	3
01/11/2021 12:30	<Samp	<Samp
01/11/2021 12:36	-0.9	3
01/11/2021 12:42	-0.9	3.1
01/11/2021 12:48	<Samp	<Samp
01/11/2021 12:54	-0.9	3
01/11/2021 13:00	-0.9	3
01/11/2021 13:06	<Samp	<Samp
01/11/2021 13:12	-0.9	3.1
01/11/2021 13:18	-0.9	3
01/11/2021 13:24	<Samp	<Samp
01/11/2021 13:30	-0.9	3
01/11/2021 13:36	-0.9	3
01/11/2021 13:42	-0.9	3
01/11/2021 13:48	-0.9	3
01/11/2021 13:54	NoData	NoData
01/11/2021 14:00	-0.9	3
01/11/2021 14:06	-0.9	3
01/11/2021 14:12	<Samp	<Samp
01/11/2021 14:18	-0.9	3
01/11/2021 14:24	-0.9	3
01/11/2021 14:30	<Samp	<Samp
01/11/2021 14:36	-0.9	2.9
01/11/2021 14:42	-0.9	2.9
01/11/2021 14:48	<Samp	<Samp
01/11/2021 14:54	-0.9	3
01/11/2021 15:00	-0.9	2.9
01/11/2021 15:06	<Samp	<Samp
01/11/2021 15:12	-0.9	2.9
01/11/2021 15:18	-0.9	3
01/11/2021 15:24	<Samp	<Samp

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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01/11/2021 15:36	-0.9	3
01/11/2021 15:42	-0.9	3
01/11/2021 15:48	-0.9	3
01/11/2021 15:54	NoData	NoData
01/11/2021 16:00	-0.9	3
01/11/2021 16:06	-0.9	3
01/11/2021 16:12	<Samp	<Samp
01/11/2021 16:18	-0.9	3
01/11/2021 16:24	-0.9	3
01/11/2021 16:30	<Samp	<Samp
01/11/2021 16:36	-0.9	3.1
01/11/2021 16:42	-0.9	3.1
01/11/2021 16:48	<Samp	<Samp
01/11/2021 16:54	-0.9	3
01/11/2021 17:00	-0.9	3
01/11/2021 17:06	<Samp	<Samp
01/11/2021 17:12	-0.9	3
01/11/2021 17:18	-1	3
01/11/2021 17:24	<Samp	<Samp
01/11/2021 17:30	-1	3
01/11/2021 17:36	-1	3
01/11/2021 17:42	-1	3
01/11/2021 17:48	-1	3
01/11/2021 17:54	NoData	NoData
01/11/2021 18:00	-1	3
01/11/2021 18:06	-1	3
01/11/2021 18:12	<Samp	<Samp
01/11/2021 18:18	-1	3
01/11/2021 18:24	-1	3
01/11/2021 18:30	<Samp	<Samp
01/11/2021 18:36	-1	3
01/11/2021 18:42	-1	3
01/11/2021 18:48	<Samp	<Samp
01/11/2021 18:54	-1	3
01/11/2021 19:00	-1	3
01/11/2021 19:06	<Samp	<Samp
01/11/2021 19:12	-1	3.1
01/11/2021 19:18	-1	3
01/11/2021 19:24	-1	3.1



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/11/2021 19:30	-1	3
01/11/2021 19:36	NoData	NoData
01/11/2021 19:42	-1	3
01/11/2021 19:48	-1	3
01/11/2021 19:54	<Samp	<Samp
01/11/2021 20:00	-1.1	3
01/11/2021 20:06	-1.1	3
01/11/2021 20:12	<Samp	<Samp
01/11/2021 20:18	-1.1	3.1
01/11/2021 20:24	-1.1	3.1
01/11/2021 20:30	<Samp	<Samp
01/11/2021 20:36	-1.1	3.1
01/11/2021 20:42	-1.1	3.1
01/11/2021 20:48	<Samp	<Samp
01/11/2021 20:54	-1.1	3.1
01/11/2021 21:00	-1.1	3.1
01/11/2021 21:06	<Samp	<Samp
01/11/2021 21:12	-1.1	3.1
01/11/2021 21:18	-1.1	3.1
01/11/2021 21:24	-1.1	3.1
01/11/2021 21:30	-1.1	3.1
01/11/2021 21:36	NoData	NoData
01/11/2021 21:42	-1.1	3.1
01/11/2021 21:48	-1.1	3.1
01/11/2021 21:54	<Samp	<Samp
01/11/2021 22:00	-1.1	3.1
01/11/2021 22:06	-1.1	3.1
01/11/2021 22:12	<Samp	<Samp
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01/11/2021 22:24	-1.1	2.9
01/11/2021 22:30	<Samp	<Samp
01/11/2021 22:36	-1.1	2.9
01/11/2021 22:42	-1.1	2.9
01/11/2021 22:48	<Samp	<Samp
01/11/2021 22:54	-1.1	3
01/11/2021 23:00	-1.1	2.9
01/11/2021 23:06	<Samp	<Samp
01/11/2021 23:12	-1.1	2.9
01/11/2021 23:18	-1.1	2.9
01/11/2021 23:24	-1.1	2.9

## Opacity Data Summary Report

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



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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01/11/2021 23:36	NoData	NoData
01/11/2021 23:42	<Samp	<Samp
01/11/2021 23:48	-1.1	2.9
01/11/2021 23:54	<Samp	<Samp
02/11/2021 00:00	-1.1	2.9
02/11/2021 00:06	-1.1	3
02/11/2021 00:12	<Samp	<Samp
02/11/2021 00:18	-1.1	3
02/11/2021 00:24	-1.1	3
02/11/2021 00:30	<Samp	<Samp
02/11/2021 00:36	-1.1	3
02/11/2021 00:42	-1.1	3
02/11/2021 00:48	<Samp	<Samp
02/11/2021 00:54	-1.1	3
02/11/2021 01:00	-1.1	3
02/11/2021 01:06	<Samp	<Samp
02/11/2021 01:12	-1.2	3
02/11/2021 01:18	-1.2	3.7
02/11/2021 01:24	-1.2	3.8
02/11/2021 01:30	-1.2	3.8
02/11/2021 01:36	NoData	NoData
02/11/2021 01:42	-1.2	3.7
02/11/2021 01:48	-1.2	3.7
02/11/2021 01:54	<Samp	<Samp
02/11/2021 02:00	-1.2	3.7
02/11/2021 02:06	-1.2	3.7
02/11/2021 02:12	<Samp	<Samp
02/11/2021 02:18	-1.2	3.8
02/11/2021 02:24	-1.2	4
02/11/2021 02:30	<Samp	<Samp
02/11/2021 02:36	-1.2	3.6
02/11/2021 02:42	-1.2	3.6
02/11/2021 02:48	<Samp	<Samp
02/11/2021 02:54	-1.2	4
02/11/2021 03:00	-1.2	4
02/11/2021 03:06	-1.1	4
02/11/2021 03:12	-1.1	4
02/11/2021 03:18	NoData	NoData
02/11/2021 03:24	-1.1	4

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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02/11/2021 03:36	NoData	NoData
02/11/2021 03:42	-1.1	4
02/11/2021 03:48	-1.1	4
02/11/2021 03:54	<Samp	<Samp
02/11/2021 04:00	-1.1	4.1
02/11/2021 04:06	-1.1	4.1
02/11/2021 04:12	<Samp	<Samp
02/11/2021 04:18	-1.1	4.1
02/11/2021 04:24	-1.1	4.1
02/11/2021 04:30	<Samp	<Samp
02/11/2021 04:36	-1.1	4.1
02/11/2021 04:42	-1.1	4
02/11/2021 04:48	<Samp	<Samp
02/11/2021 04:54	-1.1	4.1
02/11/2021 05:00	-1.1	4.1
02/11/2021 05:06	-1.1	4.1
02/11/2021 05:12	-1.1	4.1
02/11/2021 05:18	NoData	NoData
02/11/2021 05:24	-1.1	4
02/11/2021 05:30	-1.1	4.1
02/11/2021 05:36	<Samp	<Samp
02/11/2021 05:42	-1.1	4.1
02/11/2021 05:48	-1.1	4.1
02/11/2021 05:54	<Samp	<Samp
02/11/2021 06:00	-1.1	4.1
02/11/2021 06:06	-1.1	4.1
02/11/2021 06:12	<Samp	<Samp
02/11/2021 06:18	-1.1	4.1
02/11/2021 06:24	-1.1	3.9
02/11/2021 06:30	<Samp	<Samp
02/11/2021 06:36	-1.1	3.8
02/11/2021 06:42	-1.1	3.8
02/11/2021 06:48	<Samp	<Samp
02/11/2021 06:54	-1.1	3.8
02/11/2021 07:00	-1.1	3.7
02/11/2021 07:06	-1.1	3.7
02/11/2021 07:12	-1.1	3.7
02/11/2021 07:18	NoData	NoData
02/11/2021 07:24	-1.1	3.8

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Date & Time	PE 1	PE 4
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02/11/2021 07:36	<Samp	<Samp
02/11/2021 07:42	-1.1	3.7
02/11/2021 07:48	-1.1	3.7
02/11/2021 07:54	<Samp	<Samp
02/11/2021 08:00	-1.1	3.8
02/11/2021 08:06	-1.1	3.8
02/11/2021 08:12	<Samp	<Samp
02/11/2021 08:18	-1.1	3.7
02/11/2021 08:24	-1.1	3.8
02/11/2021 08:30	<Samp	<Samp
02/11/2021 08:36	-1.1	4
02/11/2021 08:42	-1.1	4
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02/11/2021 09:18	NoData	NoData
02/11/2021 09:24	-1.1	4
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02/11/2021 09:48	-1.1	3.8
02/11/2021 09:54	<Samp	<Samp
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02/11/2021 11:00	-1.1	3.7
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02/11/2021 11:18	NoData	NoData
02/11/2021 11:24	-1.1	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

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02/11/2021 11:36	<Samp	<Samp
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02/11/2021 11:48	-1.1	3.8
02/11/2021 11:54	<Samp	<Samp
02/11/2021 12:00	Calib	Calib
02/11/2021 12:06	-0.5	3.9
02/11/2021 12:12	<Samp	<Samp
02/11/2021 12:18	-0.5	3.9
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02/11/2021 12:42	-0.5	3.9
02/11/2021 12:48	-0.5	3.9
02/11/2021 12:54	-0.6	3.8
02/11/2021 13:00	NoData	NoData
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02/11/2021 13:18	NoData	NoData
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02/11/2021 13:30	-0.6	3.9
02/11/2021 13:36	<Samp	<Samp
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02/11/2021 13:48	-0.6	3.8
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02/11/2021 14:06	-0.6	3.9
02/11/2021 14:12	<Samp	<Samp
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02/11/2021 14:48	-0.6	3.8
02/11/2021 14:54	-0.6	3.8
02/11/2021 15:00	NoData	NoData
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02/11/2021 15:18	<Samp	<Samp
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Date & Time	PE 1	PE 4
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02/11/2021 15:42	-0.6	3.9
02/11/2021 15:48	-0.6	3.9
02/11/2021 15:54	<Samp	<Samp
02/11/2021 16:00	-0.6	3.9
02/11/2021 16:06	-0.6	3.9
02/11/2021 16:12	<Samp	<Samp
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02/11/2021 16:24	-0.6	3.9
02/11/2021 16:30	<Samp	<Samp
02/11/2021 16:36	-0.6	3.9
02/11/2021 16:42	-0.6	3.8
02/11/2021 16:48	<Samp	<Samp
02/11/2021 16:54	-0.6	3.9
02/11/2021 17:00	NoData	NoData
02/11/2021 17:06	-0.6	3.9
02/11/2021 17:12	-0.6	3.9
02/11/2021 17:18	<Samp	<Samp
02/11/2021 17:24	-0.6	3.9
02/11/2021 17:30	-0.6	3.9
02/11/2021 17:36	<Samp	<Samp
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02/11/2021 17:54	<Samp	<Samp
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02/11/2021 18:06	-0.6	3.9
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02/11/2021 18:24	-0.6	3.9
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02/11/2021 18:42	-0.6	3.9
02/11/2021 18:48	-0.6	3.9
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02/11/2021 19:00	NoData	NoData
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02/11/2021 19:18	<Samp	<Samp
02/11/2021 19:24	-0.6	3.9

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All Opacity Data

Date & Time	PE 1	PE 4
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02/11/2021 19:30	-0.6	3.9
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02/11/2021 19:48	-0.6	4.1
02/11/2021 19:54	<Samp	<Samp
02/11/2021 20:00	-0.6	4.2
02/11/2021 20:06	-0.6	4.2
02/11/2021 20:12	<Samp	<Samp
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02/11/2021 20:24	-0.6	4.3
02/11/2021 20:30	-0.6	4.1
02/11/2021 20:36	-0.6	4.1
02/11/2021 20:42	-0.6	4.1
02/11/2021 20:48	<Samp	<Samp
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02/11/2021 21:00	NoData	NoData
02/11/2021 21:06	-0.7	4.1
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02/11/2021 21:18	<Samp	<Samp
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02/11/2021 21:30	-0.7	4.1
02/11/2021 21:36	<Samp	<Samp
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02/11/2021 21:48	-0.7	4.2
02/11/2021 21:54	<Samp	<Samp
02/11/2021 22:00	-0.7	4.2
02/11/2021 22:06	-0.7	4.2
02/11/2021 22:12	<Samp	<Samp
02/11/2021 22:18	-0.7	4.2
02/11/2021 22:24	-0.7	4.2
02/11/2021 22:30	-0.7	4.2
02/11/2021 22:36	-0.7	4.2
02/11/2021 22:42	NoData	NoData
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02/11/2021 22:54	-0.7	4.2
02/11/2021 23:00	NoData	NoData
02/11/2021 23:06	-0.7	4.2
02/11/2021 23:12	-0.7	4.2
02/11/2021 23:18	<Samp	<Samp
02/11/2021 23:24	-0.7	4.2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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02/11/2021 23:36	<Samp	<Samp
02/11/2021 23:42	-0.7	4.2
02/11/2021 23:48	-0.7	4.2
02/11/2021 23:54	<Samp	<Samp
03/11/2021 00:00	-0.7	4.2
03/11/2021 00:06	-0.7	4.2
03/11/2021 00:12	<Samp	<Samp
03/11/2021 00:18	-0.7	4.2
03/11/2021 00:24	-0.7	4.3
03/11/2021 00:30	-0.7	4.2
03/11/2021 00:36	-0.7	4.2
03/11/2021 00:42	NoData	NoData
03/11/2021 00:48	-0.7	4.2
03/11/2021 00:54	-0.7	4.2
03/11/2021 01:00	<Samp	<Samp
03/11/2021 01:06	-0.7	4.2
03/11/2021 01:12	-0.7	4.2
03/11/2021 01:18	<Samp	<Samp
03/11/2021 01:24	-0.7	4.2
03/11/2021 01:30	-0.7	4.2
03/11/2021 01:36	<Samp	<Samp
03/11/2021 01:42	-0.7	4.2
03/11/2021 01:48	-0.7	4.1
03/11/2021 01:54	<Samp	<Samp
03/11/2021 02:00	-0.7	4
03/11/2021 02:06	-0.7	4
03/11/2021 02:12	<Samp	<Samp
03/11/2021 02:18	-0.7	4
03/11/2021 02:24	-0.7	4
03/11/2021 02:30	-0.7	4
03/11/2021 02:36	-0.7	4
03/11/2021 02:42	NoData	NoData
03/11/2021 02:48	-0.7	4
03/11/2021 02:54	-0.7	4
03/11/2021 03:00	<Samp	<Samp
03/11/2021 03:06	-0.7	4
03/11/2021 03:12	-0.7	4.1
03/11/2021 03:18	<Samp	<Samp
03/11/2021 03:24	-0.7	4.1



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/11/2021 03:30	-0.7	4.1
03/11/2021 03:36	<Samp	<Samp
03/11/2021 03:42	-0.7	4.1
03/11/2021 03:48	-0.7	4.1
03/11/2021 03:54	<Samp	<Samp
03/11/2021 04:00	-0.7	4.1
03/11/2021 04:06	-0.7	4.1
03/11/2021 04:12	<Samp	<Samp
03/11/2021 04:18	-0.7	4
03/11/2021 04:24	-0.7	4
03/11/2021 04:30	<Samp	<Samp
03/11/2021 04:36	-0.7	4
03/11/2021 04:42	NoData	NoData
03/11/2021 04:48	-0.7	4
03/11/2021 04:54	-0.7	4
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03/11/2021 05:12	-0.7	4.1
03/11/2021 05:18	<Samp	<Samp
03/11/2021 05:24	-0.8	3.8
03/11/2021 05:30	-0.8	3.7
03/11/2021 05:36	<Samp	<Samp
03/11/2021 05:42	-0.8	3.7
03/11/2021 05:48	-0.8	3.7
03/11/2021 05:54	<Samp	<Samp
03/11/2021 06:00	-0.8	3.6
03/11/2021 06:06	-0.8	3.7
03/11/2021 06:12	-0.8	3.7
03/11/2021 06:18	-0.8	3.7
03/11/2021 06:24	-0.7	3.6
03/11/2021 06:30	-0.7	3.6
03/11/2021 06:36	-0.7	3.6
03/11/2021 06:42	NoData	NoData
03/11/2021 06:48	-0.7	3.7
03/11/2021 06:54	-0.7	3.7
03/11/2021 07:00	-0.7	4.1
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03/11/2021 07:12	-0.7	4.7
03/11/2021 07:18	<Samp	<Samp
03/11/2021 07:24	-0.7	4.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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03/11/2021 07:36	<Samp	<Samp
03/11/2021 07:42	-0.8	4.5
03/11/2021 07:48	-0.8	4.5
03/11/2021 07:54	<Samp	<Samp
03/11/2021 08:00	-0.8	4.5
03/11/2021 08:06	-0.8	4.4
03/11/2021 08:12	-0.8	4.1
03/11/2021 08:18	-0.8	4.1
03/11/2021 08:24	NoData	NoData
03/11/2021 08:30	-0.7	4
03/11/2021 08:36	-0.7	4
03/11/2021 08:42	<Samp	<Samp
03/11/2021 08:48	-0.7	4
03/11/2021 08:54	-0.7	4
03/11/2021 09:00	<Samp	<Samp
03/11/2021 09:06	-0.7	4
03/11/2021 09:12	-0.7	4
03/11/2021 09:18	<Samp	<Samp
03/11/2021 09:24	-0.7	4
03/11/2021 09:30	-0.7	4
03/11/2021 09:36	<Samp	<Samp
03/11/2021 09:42	-0.7	4
03/11/2021 09:48	-0.7	4
03/11/2021 09:54	<Samp	<Samp
03/11/2021 10:00	-0.7	4
03/11/2021 10:06	-0.7	4
03/11/2021 10:12	-0.7	4
03/11/2021 10:18	-0.7	4
03/11/2021 10:24	NoData	NoData
03/11/2021 10:30	-0.7	4
03/11/2021 10:36	-0.7	4
03/11/2021 10:42	-0.7	4
03/11/2021 10:48	-0.7	4
03/11/2021 10:54	-0.7	4
03/11/2021 11:00	<Samp	<Samp
03/11/2021 11:06	-0.7	3.3
03/11/2021 11:12	-0.6	3.1
03/11/2021 11:18	<Samp	<Samp
03/11/2021 11:24	-0.6	4.1

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Date & Time	PE 1	PE 4
	%	%
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03/11/2021 11:36	<Samp	<Samp
03/11/2021 11:42	-0.6	4.1
03/11/2021 11:48	-0.6	4.1
03/11/2021 11:54	<Samp	<Samp
03/11/2021 12:00	-0.6	4.1
03/11/2021 12:06	-0.5	4
03/11/2021 12:12	-0.5	4.1
03/11/2021 12:18	-0.5	4.1
03/11/2021 12:24	NoData	NoData
03/11/2021 12:30	-0.4	3.1
03/11/2021 12:36	-0.4	3.1
03/11/2021 12:42	-0.4	3.1
03/11/2021 12:48	-0.4	3.1
03/11/2021 12:54	-0.4	3.1
03/11/2021 13:00	<Samp	<Samp
03/11/2021 13:06	-0.4	3.1
03/11/2021 13:12	-0.4	3.2
03/11/2021 13:18	<Samp	<Samp
03/11/2021 13:24	-0.4	3.1
03/11/2021 13:30	-0.4	3.1
03/11/2021 13:36	-0.4	3.2
03/11/2021 13:42	-0.4	3.1
03/11/2021 13:48	-0.4	3.1
03/11/2021 13:54	<Samp	<Samp
03/11/2021 14:00	-0.4	3.1
03/11/2021 14:06	-0.4	3.1
03/11/2021 14:12	-0.5	3.1
03/11/2021 14:18	-0.5	3.1
03/11/2021 14:24	NoData	NoData
03/11/2021 14:30	-0.5	3.2
03/11/2021 14:36	-0.5	3.1
03/11/2021 14:42	<Samp	<Samp
03/11/2021 14:48	-0.5	3.2
03/11/2021 14:54	-0.5	3.1
03/11/2021 15:00	-0.5	3.1
03/11/2021 15:06	-0.5	3.1
03/11/2021 15:12	-0.5	3.1
03/11/2021 15:18	-0.5	3.1
03/11/2021 15:24	-0.5	3.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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03/11/2021 15:36	<Samp	<Samp
03/11/2021 15:42	-0.5	3
03/11/2021 15:48	-0.5	3
03/11/2021 15:54	-0.5	3
03/11/2021 16:00	-0.5	3.1
03/11/2021 16:06	NoData	NoData
03/11/2021 16:12	-0.5	3.1
03/11/2021 16:18	-0.5	3.2
03/11/2021 16:24	NoData	NoData
03/11/2021 16:30	-0.5	3.1
03/11/2021 16:36	-0.5	3.2
03/11/2021 16:42	<Samp	<Samp
03/11/2021 16:48	-0.6	3.1
03/11/2021 16:54	-0.6	3.1
03/11/2021 17:00	<Samp	<Samp
03/11/2021 17:06	-0.6	3.1
03/11/2021 17:12	-0.6	3.2
03/11/2021 17:18	<Samp	<Samp
03/11/2021 17:24	-0.6	3.3
03/11/2021 17:30	-0.6	3.3
03/11/2021 17:36	<Samp	<Samp
03/11/2021 17:42	-0.6	3.1
03/11/2021 17:48	-0.6	3.1
03/11/2021 17:54	-0.6	3.2
03/11/2021 18:00	-0.6	3.2
03/11/2021 18:06	NoData	NoData
03/11/2021 18:12	-0.6	3.2
03/11/2021 18:18	-0.6	3.5
03/11/2021 18:24	<Samp	<Samp
03/11/2021 18:30	-0.6	4.3
03/11/2021 18:36	-0.6	4.3
03/11/2021 18:42	<Samp	<Samp
03/11/2021 18:48	-0.6	4.3
03/11/2021 18:54	-0.6	4.3
03/11/2021 19:00	<Samp	<Samp
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03/11/2021 19:12	-0.6	4.3
03/11/2021 19:18	<Samp	<Samp
03/11/2021 19:24	-0.6	4.3

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Date & Time	PE 1	PE 4
	%	%
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03/11/2021 19:36	<Samp	<Samp
03/11/2021 19:42	-0.6	4.3
03/11/2021 19:48	-0.6	4.3
03/11/2021 19:54	-0.6	4.3
03/11/2021 20:00	-0.6	4.3
03/11/2021 20:06	NoData	NoData
03/11/2021 20:12	<Samp	<Samp
03/11/2021 20:18	-0.6	4.3
03/11/2021 20:24	<Samp	<Samp
03/11/2021 20:30	-0.6	4.3
03/11/2021 20:36	-0.6	4.3
03/11/2021 20:42	<Samp	<Samp
03/11/2021 20:48	-0.7	4.2
03/11/2021 20:54	-0.7	4.2
03/11/2021 21:00	<Samp	<Samp
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03/11/2021 21:36	<Samp	<Samp
03/11/2021 21:42	-0.7	4.2
03/11/2021 21:48	-0.7	4.2
03/11/2021 21:54	-0.7	4.2
03/11/2021 22:00	-0.7	4.2
03/11/2021 22:06	NoData	NoData
03/11/2021 22:12	-0.7	4.2
03/11/2021 22:18	-0.7	4.2
03/11/2021 22:24	<Samp	<Samp
03/11/2021 22:30	-0.7	4.2
03/11/2021 22:36	-0.7	4.2
03/11/2021 22:42	<Samp	<Samp
03/11/2021 22:48	-0.7	4.2
03/11/2021 22:54	-0.7	4.2
03/11/2021 23:00	<Samp	<Samp
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03/11/2021 23:12	-0.7	4.2
03/11/2021 23:18	<Samp	<Samp
03/11/2021 23:24	-0.7	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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03/11/2021 23:36	-0.7	4.2
03/11/2021 23:42	-0.7	4.2
03/11/2021 23:48	-0.7	4.2
03/11/2021 23:54	-0.7	4.2
04/11/2021 00:00	-0.7	4.2
04/11/2021 00:06	NoData	NoData
04/11/2021 00:12	-0.7	4.3
04/11/2021 00:18	-0.7	4.2
04/11/2021 00:24	<Samp	<Samp
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04/11/2021 00:36	-0.7	4.2
04/11/2021 00:42	<Samp	<Samp
04/11/2021 00:48	-0.7	4.2
04/11/2021 00:54	-0.7	4.2
04/11/2021 01:00	<Samp	<Samp
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04/11/2021 01:12	-0.7	4.2
04/11/2021 01:18	<Samp	<Samp
04/11/2021 01:24	-0.7	4.2
04/11/2021 01:30	-0.7	4.3
04/11/2021 01:36	-0.7	4.3
04/11/2021 01:42	-0.7	4.3
04/11/2021 01:48	NoData	NoData
04/11/2021 01:54	-0.7	4.2
04/11/2021 02:00	-0.7	4.2
04/11/2021 02:06	<Samp	<Samp
04/11/2021 02:12	-0.7	4.6
04/11/2021 02:18	-0.7	4.4
04/11/2021 02:24	<Samp	<Samp
04/11/2021 02:30	-0.7	4
04/11/2021 02:36	-0.7	4
04/11/2021 02:42	<Samp	<Samp
04/11/2021 02:48	-0.7	4
04/11/2021 02:54	-0.7	4
04/11/2021 03:00	<Samp	<Samp
04/11/2021 03:06	-0.7	4
04/11/2021 03:12	-0.7	4
04/11/2021 03:18	<Samp	<Samp
04/11/2021 03:24	-0.7	4.1

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/11/2021 03:30	-0.7	4.1
04/11/2021 03:36	<Samp	<Samp
04/11/2021 03:42	-0.7	4.1
04/11/2021 03:48	NoData	NoData
04/11/2021 03:54	-0.7	4.1
04/11/2021 04:00	-0.7	4.1
04/11/2021 04:06	<Samp	<Samp
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04/11/2021 04:36	-0.7	4.1
04/11/2021 04:42	<Samp	<Samp
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04/11/2021 04:54	-0.7	4.1
04/11/2021 05:00	<Samp	<Samp
04/11/2021 05:06	-0.8	4.1
04/11/2021 05:12	-0.8	4.1
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04/11/2021 05:24	-0.8	4.1
04/11/2021 05:30	-0.8	4.1
04/11/2021 05:36	-0.8	4.1
04/11/2021 05:42	-0.8	4.1
04/11/2021 05:48	NoData	NoData
04/11/2021 05:54	-0.8	4.1
04/11/2021 06:00	-0.8	4.1
04/11/2021 06:06	<Samp	<Samp
04/11/2021 06:12	-0.8	4.2
04/11/2021 06:18	-0.8	4.2
04/11/2021 06:24	<Samp	<Samp
04/11/2021 06:30	-0.8	4.1
04/11/2021 06:36	-0.8	4.2
04/11/2021 06:42	<Samp	<Samp
04/11/2021 06:48	-0.8	4.1
04/11/2021 06:54	-0.8	4.2
04/11/2021 07:00	<Samp	<Samp
04/11/2021 07:06	-0.8	4.1
04/11/2021 07:12	-0.8	4.3
04/11/2021 07:18	<Samp	<Samp
04/11/2021 07:24	-0.8	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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04/11/2021 07:42	-0.8	1.7
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04/11/2021 07:54	-0.8	1.7
04/11/2021 08:00	-0.8	1.7
04/11/2021 08:06	<Samp	<Samp
04/11/2021 08:12	-0.8	1.8
04/11/2021 08:18	-0.8	1.8
04/11/2021 08:24	<Samp	<Samp
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04/11/2021 08:36	-0.8	1.8
04/11/2021 08:42	<Samp	<Samp
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04/11/2021 08:54	-0.8	1.8
04/11/2021 09:00	<Samp	<Samp
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04/11/2021 09:12	-0.8	1.8
04/11/2021 09:18	-0.8	1.7
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04/11/2021 09:30	NoData	NoData
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04/11/2021 09:42	-0.8	1.7
04/11/2021 09:48	NoData	NoData
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04/11/2021 10:00	-0.8	1.7
04/11/2021 10:06	<Samp	<Samp
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04/11/2021 10:18	-0.7	1.7
04/11/2021 10:24	<Samp	<Samp
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04/11/2021 10:42	<Samp	<Samp
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04/11/2021 11:12	-0.7	1.6
04/11/2021 11:18	-0.7	1.6
04/11/2021 11:24	-0.7	1.6



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/11/2021 11:30	NoData	NoData
04/11/2021 11:36	-0.6	1.6
04/11/2021 11:42	-0.6	1.6
04/11/2021 11:48	<Samp	<Samp
04/11/2021 11:54	-0.6	1.6
04/11/2021 12:00	-0.6	1.6
04/11/2021 12:06	-0.5	1.6
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04/11/2021 12:18	-0.5	1.6
04/11/2021 12:24	<Samp	<Samp
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04/11/2021 12:36	-0.4	1.6
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04/11/2021 12:54	-0.4	1.6
04/11/2021 13:00	<Samp	<Samp
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04/11/2021 13:12	-0.4	1.6
04/11/2021 13:18	-0.4	1.6
04/11/2021 13:24	-0.4	1.6
04/11/2021 13:30	-0.4	1.6
04/11/2021 13:36	-0.4	1.6
04/11/2021 13:42	-0.4	1.6
04/11/2021 13:48	<Samp	<Samp
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04/11/2021 14:00	-0.4	1.6
04/11/2021 14:06	<Samp	<Samp
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04/11/2021 14:24	<Samp	<Samp
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04/11/2021 14:36	-0.4	1.6
04/11/2021 14:42	<Samp	<Samp
04/11/2021 14:48	-0.4	1.6
04/11/2021 14:54	-0.4	1.6
04/11/2021 15:00	<Samp	<Samp
04/11/2021 15:06	-0.5	1.7
04/11/2021 15:12	-0.5	1.7
04/11/2021 15:18	-0.5	1.7
04/11/2021 15:24	-0.5	1.7

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/11/2021 15:30	NoData	NoData
04/11/2021 15:36	-0.5	1.7
04/11/2021 15:42	-0.5	1.7
04/11/2021 15:48	<Samp	<Samp
04/11/2021 15:54	-0.5	1.7
04/11/2021 16:00	-0.5	1.7
04/11/2021 16:06	<Samp	<Samp
04/11/2021 16:12	-0.5	1.7
04/11/2021 16:18	-0.5	1.7
04/11/2021 16:24	<Samp	<Samp
04/11/2021 16:30	-0.5	7.5
04/11/2021 16:36	-0.5	8
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04/11/2021 16:48	-0.4	3.7
04/11/2021 16:54	-0.1	3.5
04/11/2021 17:00	-0.2	4.2
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04/11/2021 17:12	-0.4	4
04/11/2021 17:18	-0.5	4
04/11/2021 17:24	-0.5	4.1
04/11/2021 17:30	NoData	NoData
04/11/2021 17:36	-0.5	4.4
04/11/2021 17:42	-0.5	4.5
04/11/2021 17:48	<Samp	<Samp
04/11/2021 17:54	-0.6	4.7
04/11/2021 18:00	-0.6	4.7
04/11/2021 18:06	<Samp	<Samp
04/11/2021 18:12	-0.6	4.6
04/11/2021 18:18	-0.6	4.5
04/11/2021 18:24	<Samp	<Samp
04/11/2021 18:30	-0.6	4.4
04/11/2021 18:36	-0.6	4.4
04/11/2021 18:42	<Samp	<Samp
04/11/2021 18:48	-0.6	4.3
04/11/2021 18:54	-0.6	4.3
04/11/2021 19:00	-0.6	4.3
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04/11/2021 19:12	NoData	NoData
04/11/2021 19:18	-0.6	4.3
04/11/2021 19:24	-0.6	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
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04/11/2021 19:30	NoData	NoData
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04/11/2021 19:42	-0.6	4.2
04/11/2021 19:48	<Samp	<Samp
04/11/2021 19:54	-0.6	4.3
04/11/2021 20:00	-0.6	4.3
04/11/2021 20:06	<Samp	<Samp
04/11/2021 20:12	-0.6	4.2
04/11/2021 20:18	-0.6	4.2
04/11/2021 20:24	<Samp	<Samp
04/11/2021 20:30	-0.6	4.3
04/11/2021 20:36	-0.6	4.3
04/11/2021 20:42	<Samp	<Samp
04/11/2021 20:48	-0.6	4.3
04/11/2021 20:54	-0.6	4.3
04/11/2021 21:00	-0.6	4.3
04/11/2021 21:06	-0.6	4.3
04/11/2021 21:12	NoData	NoData
04/11/2021 21:18	-0.6	4.2
04/11/2021 21:24	-0.6	4.3
04/11/2021 21:30	<Samp	<Samp
04/11/2021 21:36	-0.6	4.3
04/11/2021 21:42	-0.6	4.2
04/11/2021 21:48	<Samp	<Samp
04/11/2021 21:54	-0.6	4.3
04/11/2021 22:00	-0.6	4.3
04/11/2021 22:06	<Samp	<Samp
04/11/2021 22:12	-0.6	4.3
04/11/2021 22:18	-0.6	4.3
04/11/2021 22:24	<Samp	<Samp
04/11/2021 22:30	-0.6	4.3
04/11/2021 22:36	-0.6	4.3
04/11/2021 22:42	<Samp	<Samp
04/11/2021 22:48	-0.6	4.3
04/11/2021 22:54	-0.6	4.3
04/11/2021 23:00	<Samp	<Samp
04/11/2021 23:06	-0.6	4.3
04/11/2021 23:12	NoData	NoData
04/11/2021 23:18	-0.6	4.3
04/11/2021 23:24	-0.6	4.3

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/11/2021 23:30	<Samp	<Samp
04/11/2021 23:36	-0.7	4.3
04/11/2021 23:42	-0.7	4.4
04/11/2021 23:48	-0.7	4.4
04/11/2021 23:54	-0.7	4.4
05/11/2021 00:00	-0.7	4.3
05/11/2021 00:06	-0.7	4.3
05/11/2021 00:12	-0.7	4.4
05/11/2021 00:18	-0.7	4.3
05/11/2021 00:24	<Samp	<Samp
05/11/2021 00:30	-0.7	4.3
05/11/2021 00:36	-0.7	4.3
05/11/2021 00:42	<Samp	<Samp
05/11/2021 00:48	-0.7	4.3
05/11/2021 00:54	-0.7	4.3
05/11/2021 01:00	-0.7	4.3
05/11/2021 01:06	-0.7	4.3
05/11/2021 01:12	-0.7	4.4
05/11/2021 01:18	-0.7	4.4
05/11/2021 01:24	-0.7	4.4
05/11/2021 01:30	<Samp	<Samp
05/11/2021 01:36	-0.7	4.4
05/11/2021 01:42	-0.7	4.4
05/11/2021 01:48	<Samp	<Samp
05/11/2021 01:54	-0.7	4.4
05/11/2021 02:00	-0.7	4.4
05/11/2021 02:06	<Samp	<Samp
05/11/2021 02:12	-0.7	4.4
05/11/2021 02:18	-0.7	4.4
05/11/2021 02:24	<Samp	<Samp
05/11/2021 02:30	-0.7	4.4
05/11/2021 02:36	-0.7	4.4
05/11/2021 02:42	-0.7	4.4
05/11/2021 02:48	-0.7	4.4
05/11/2021 02:54	NoData	NoData
05/11/2021 03:00	-0.7	4.5
05/11/2021 03:06	-0.7	4.5
05/11/2021 03:12	NoData	NoData
05/11/2021 03:18	-0.7	4.4
05/11/2021 03:24	-0.7	4.4

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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05/11/2021 03:36	-0.7	4.4
05/11/2021 03:42	-0.7	4.4
05/11/2021 03:48	<Samp	<Samp
05/11/2021 03:54	-0.7	4.4
05/11/2021 04:00	-0.7	4.4
05/11/2021 04:06	<Samp	<Samp
05/11/2021 04:12	-0.7	4.4
05/11/2021 04:18	-0.7	4.4
05/11/2021 04:24	<Samp	<Samp
05/11/2021 04:30	-0.8	4.4
05/11/2021 04:36	-0.8	4.3
05/11/2021 04:42	-0.8	4.3
05/11/2021 04:48	-0.8	4.3
05/11/2021 04:54	NoData	NoData
05/11/2021 05:00	-0.8	4.2
05/11/2021 05:06	-0.8	4.2
05/11/2021 05:12	<Samp	<Samp
05/11/2021 05:18	-0.8	4.2
05/11/2021 05:24	-0.8	4.3
05/11/2021 05:30	<Samp	<Samp
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05/11/2021 05:42	-0.8	4.2
05/11/2021 05:48	<Samp	<Samp
05/11/2021 05:54	-0.8	4.3
05/11/2021 06:00	-0.8	4.3
05/11/2021 06:06	-0.8	4.2
05/11/2021 06:12	-0.8	4.2
05/11/2021 06:18	-0.8	4.2
05/11/2021 06:24	<Samp	<Samp
05/11/2021 06:30	-0.8	4.3
05/11/2021 06:36	-0.8	4.3
05/11/2021 06:42	-0.8	4.3
05/11/2021 06:48	-0.8	4.3
05/11/2021 06:54	NoData	NoData
05/11/2021 07:00	-0.8	4.2
05/11/2021 07:06	-0.8	4.3
05/11/2021 07:12	-0.8	4.3
05/11/2021 07:18	-0.8	4.3
05/11/2021 07:24	-0.8	4.3

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Date & Time	PE 1	PE 4
	%	%
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05/11/2021 07:36	-0.8	4.3
05/11/2021 07:42	-0.8	4.3
05/11/2021 07:48	<Samp	<Samp
05/11/2021 07:54	-0.8	4.3
05/11/2021 08:00	-0.8	4.3
05/11/2021 08:06	<Samp	<Samp
05/11/2021 08:12	-0.8	4.3
05/11/2021 08:18	-0.8	4.3
05/11/2021 08:24	<Samp	<Samp
05/11/2021 08:30	-0.8	4.3
05/11/2021 08:36	-0.8	4.4
05/11/2021 08:42	-0.8	4.4
05/11/2021 08:48	-0.8	4.4
05/11/2021 08:54	NoData	NoData
05/11/2021 09:00	-0.7	4.4
05/11/2021 09:06	-0.7	4.4
05/11/2021 09:12	<Samp	<Samp
05/11/2021 09:18	-0.7	4.4
05/11/2021 09:24	-0.7	4.4
05/11/2021 09:30	<Samp	<Samp
05/11/2021 09:36	-0.7	4.5
05/11/2021 09:42	-0.7	4.5
05/11/2021 09:48	<Samp	<Samp
05/11/2021 09:54	-0.7	4.5
05/11/2021 10:00	-0.7	4.5
05/11/2021 10:06	<Samp	<Samp
05/11/2021 10:12	-0.7	4.6
05/11/2021 10:18	-0.7	4.6
05/11/2021 10:24	Maintain	Maintain
05/11/2021 10:30	<Samp	<Samp
05/11/2021 10:36	-0.7	4.6
05/11/2021 10:42	-0.7	4.5
05/11/2021 10:48	-0.7	4.5
05/11/2021 10:54	NoData	NoData
05/11/2021 11:00	-0.7	4.5
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05/11/2021 11:12	<Samp	<Samp
05/11/2021 11:18	-0.6	4.6
05/11/2021 11:24	-0.6	4.6

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Date & Time	PE 1	PE 4
	%	%
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05/11/2021 11:36	-0.6	4.5
05/11/2021 11:42	-0.6	4.5
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05/11/2021 11:54	-0.6	4.5
05/11/2021 12:00	-0.6	4.6
05/11/2021 12:06	-0.5	4.6
05/11/2021 12:12	-0.5	4.5
05/11/2021 12:18	-0.5	4.6
05/11/2021 12:24	-0.5	4.6
05/11/2021 12:30	-0.5	4.6
05/11/2021 12:36	-0.5	4.5
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05/11/2021 13:42	-0.4	4.5
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05/11/2021 14:00	-0.4	4.4
05/11/2021 14:06	<Samp	<Samp
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05/11/2021 14:18	-0.4	4.5
05/11/2021 14:24	-0.4	4.5
05/11/2021 14:30	-0.4	4.5
05/11/2021 14:36	NoData	NoData
05/11/2021 14:42	-0.5	4.4
05/11/2021 14:48	-0.5	4.4
05/11/2021 14:54	<Samp	<Samp
05/11/2021 15:00	-0.5	4.4
05/11/2021 15:06	-0.5	4.4
05/11/2021 15:12	<Samp	<Samp
05/11/2021 15:18	-0.5	4.3
05/11/2021 15:24	-0.5	4.3

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All Opacity Data

Date & Time	PE 1	PE 4
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05/11/2021 15:42	-0.5	4.4
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05/11/2021 16:00	-0.5	4.4
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05/11/2021 16:24	-0.5	4.4
05/11/2021 16:30	-0.5	4.4
05/11/2021 16:36	NoData	NoData
05/11/2021 16:42	-0.5	4.4
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05/11/2021 16:54	<Samp	<Samp
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05/11/2021 17:06	-0.5	4.4
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05/11/2021 17:42	-0.5	4.3
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05/11/2021 18:00	-0.5	4.3
05/11/2021 18:06	<Samp	<Samp
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05/11/2021 18:18	-0.5	4.3
05/11/2021 18:24	-0.5	4.3
05/11/2021 18:30	-0.5	4.3
05/11/2021 18:36	NoData	NoData
05/11/2021 18:42	-0.5	4.3
05/11/2021 18:48	-0.5	4.3
05/11/2021 18:54	<Samp	<Samp
05/11/2021 19:00	-0.5	4.3
05/11/2021 19:06	-0.5	4.3
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05/11/2021 19:18	-0.5	4.3
05/11/2021 19:24	-0.5	4.3



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All Opacity Data

Date & Time	PE 1	PE 4
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05/11/2021 19:42	-0.5	4.3
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05/11/2021 20:18	NoData	NoData
05/11/2021 20:24	-0.5	4.3
05/11/2021 20:30	-0.5	4.3
05/11/2021 20:36	NoData	NoData
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05/11/2021 22:06	-0.6	4.3
05/11/2021 22:12	-0.6	4.3
05/11/2021 22:18	NoData	NoData
05/11/2021 22:24	-0.6	4.4
05/11/2021 22:30	-0.6	4.4
05/11/2021 22:36	<Samp	<Samp
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/11/2021 23:30	<Samp	<Samp
05/11/2021 23:36	-0.6	4.4
05/11/2021 23:42	-0.6	4.3
05/11/2021 23:48	<Samp	<Samp
05/11/2021 23:54	-0.6	4.3
06/11/2021 00:00	-0.6	4.3
06/11/2021 00:06	-0.6	4.3
06/11/2021 00:12	-0.6	4.3
06/11/2021 00:18	NoData	NoData
06/11/2021 00:24	-0.6	4.3
06/11/2021 00:30	-0.6	4.3
06/11/2021 00:36	<Samp	<Samp
06/11/2021 00:42	-0.6	4.3
06/11/2021 00:48	-0.6	4.3
06/11/2021 00:54	<Samp	<Samp
06/11/2021 01:00	-0.6	4.3
06/11/2021 01:06	-0.6	4.3
06/11/2021 01:12	<Samp	<Samp
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06/11/2021 01:24	-0.6	4.3
06/11/2021 01:30	<Samp	<Samp
06/11/2021 01:36	-0.6	4.3
06/11/2021 01:42	-0.6	4.3
06/11/2021 01:48	<Samp	<Samp
06/11/2021 01:54	-0.6	4.2
06/11/2021 02:00	-0.7	4.2
06/11/2021 02:06	-0.7	4
06/11/2021 02:12	-0.7	4.1
06/11/2021 02:18	NoData	NoData
06/11/2021 02:24	-0.7	4.1
06/11/2021 02:30	-0.7	4.1
06/11/2021 02:36	<Samp	<Samp
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06/11/2021 03:06	-0.7	4.1
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06/11/2021 03:24	-0.7	4.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/11/2021 03:30	<Samp	<Samp
06/11/2021 03:36	-0.7	4.1
06/11/2021 03:42	-0.7	4
06/11/2021 03:48	-0.7	4
06/11/2021 03:54	-0.7	4
06/11/2021 04:00	-0.7	4
06/11/2021 04:06	-0.7	4
06/11/2021 04:12	-0.7	4.1
06/11/2021 04:18	NoData	NoData
06/11/2021 04:24	-0.7	4.1
06/11/2021 04:30	-0.7	4.1
06/11/2021 04:36	<Samp	<Samp
06/11/2021 04:42	-0.7	4.1
06/11/2021 04:48	-0.7	4.1
06/11/2021 04:54	<Samp	<Samp
06/11/2021 05:00	-0.7	4.1
06/11/2021 05:06	-0.7	4.1
06/11/2021 05:12	<Samp	<Samp
06/11/2021 05:18	-0.7	4.1
06/11/2021 05:24	-0.7	4.1
06/11/2021 05:30	<Samp	<Samp
06/11/2021 05:36	-0.7	4.1
06/11/2021 05:42	-0.7	4.1
06/11/2021 05:48	-0.7	4.1
06/11/2021 05:54	-0.7	4.1
06/11/2021 06:00	NoData	NoData
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06/11/2021 06:12	-0.7	4.1
06/11/2021 06:18	<Samp	<Samp
06/11/2021 06:24	-0.7	4.2
06/11/2021 06:30	-0.7	4.2
06/11/2021 06:36	<Samp	<Samp
06/11/2021 06:42	-0.8	4.2
06/11/2021 06:48	-0.8	4.2
06/11/2021 06:54	<Samp	<Samp
06/11/2021 07:00	-0.8	4.2
06/11/2021 07:06	-0.8	4.3
06/11/2021 07:12	<Samp	<Samp
06/11/2021 07:18	-0.8	4.2
06/11/2021 07:24	-0.8	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/11/2021 07:30	<Samp	<Samp
06/11/2021 07:36	-0.8	4.2
06/11/2021 07:42	-0.8	4.3
06/11/2021 07:48	-0.8	4.4
06/11/2021 07:54	-0.8	4.3
06/11/2021 08:00	NoData	NoData
06/11/2021 08:06	-0.8	4.3
06/11/2021 08:12	-0.8	4.2
06/11/2021 08:18	<Samp	<Samp
06/11/2021 08:24	-0.8	4.2
06/11/2021 08:30	-0.8	4.3
06/11/2021 08:36	<Samp	<Samp
06/11/2021 08:42	-0.8	4.4
06/11/2021 08:48	-0.8	4.4
06/11/2021 08:54	<Samp	<Samp
06/11/2021 09:00	-0.7	4.3
06/11/2021 09:06	-0.7	4.3
06/11/2021 09:12	<Samp	<Samp
06/11/2021 09:18	-0.7	4.3
06/11/2021 09:24	-0.7	4.2
06/11/2021 09:30	<Samp	<Samp
06/11/2021 09:36	-0.7	4.2
06/11/2021 09:42	-0.7	4.2
06/11/2021 09:48	-0.7	4.2
06/11/2021 09:54	-0.7	4.2
06/11/2021 10:00	NoData	NoData
06/11/2021 10:06	-0.7	4.2
06/11/2021 10:12	-0.7	4.2
06/11/2021 10:18	<Samp	<Samp
06/11/2021 10:24	-0.7	4.1
06/11/2021 10:30	-0.7	4.1
06/11/2021 10:36	<Samp	<Samp
06/11/2021 10:42	-0.6	4.1
06/11/2021 10:48	-0.6	4.2
06/11/2021 10:54	<Samp	<Samp
06/11/2021 11:00	-0.6	4.1
06/11/2021 11:06	-0.6	4.1
06/11/2021 11:12	<Samp	<Samp
06/11/2021 11:18	-0.6	4.1
06/11/2021 11:24	-0.6	4.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/11/2021 11:30	<Samp	<Samp
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06/11/2021 11:42	-0.5	4
06/11/2021 11:48	-0.5	4
06/11/2021 11:54	-0.5	4.1
06/11/2021 12:00	NoData	NoData
06/11/2021 12:06	-0.5	4.1
06/11/2021 12:12	-0.5	4.1
06/11/2021 12:18	<Samp	<Samp
06/11/2021 12:24	-0.5	4
06/11/2021 12:30	-0.5	4
06/11/2021 12:36	<Samp	<Samp
06/11/2021 12:42	-0.5	4
06/11/2021 12:48	-0.4	4
06/11/2021 12:54	<Samp	<Samp
06/11/2021 13:00	-0.4	4
06/11/2021 13:06	-0.4	4.1
06/11/2021 13:12	<Samp	<Samp
06/11/2021 13:18	-0.4	4.1
06/11/2021 13:24	-0.4	4.1
06/11/2021 13:30	-0.4	4.1
06/11/2021 13:36	-0.4	4.1
06/11/2021 13:42	-0.4	4.1
06/11/2021 13:48	-0.4	4.1
06/11/2021 13:54	-0.4	4.1
06/11/2021 14:00	NoData	NoData
06/11/2021 14:06	-0.4	4
06/11/2021 14:12	-0.4	4.1
06/11/2021 14:18	<Samp	<Samp
06/11/2021 14:24	-0.4	4.1
06/11/2021 14:30	-0.4	4.1
06/11/2021 14:36	<Samp	<Samp
06/11/2021 14:42	-0.4	4.1
06/11/2021 14:48	-0.4	4.1
06/11/2021 14:54	<Samp	<Samp
06/11/2021 15:00	-0.4	4
06/11/2021 15:06	-0.4	4
06/11/2021 15:12	<Samp	<Samp
06/11/2021 15:18	-0.5	4
06/11/2021 15:24	-0.5	4

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Date & Time	PE 1	PE 4
	%	%
06/11/2021 15:30	-0.5	4
06/11/2021 15:36	-0.5	4
06/11/2021 15:42	NoData	NoData
06/11/2021 15:48	-0.5	4
06/11/2021 15:54	-0.5	4
06/11/2021 16:00	<Samp	<Samp
06/11/2021 16:06	-0.5	4
06/11/2021 16:12	-0.5	4
06/11/2021 16:18	<Samp	<Samp
06/11/2021 16:24	-0.5	4
06/11/2021 16:30	-0.5	4.1
06/11/2021 16:36	<Samp	<Samp
06/11/2021 16:42	-0.5	4.1
06/11/2021 16:48	-0.5	4.1
06/11/2021 16:54	<Samp	<Samp
06/11/2021 17:00	-0.5	4.1
06/11/2021 17:06	-0.5	4.1
06/11/2021 17:12	<Samp	<Samp
06/11/2021 17:18	-0.5	4.1
06/11/2021 17:24	-0.5	4.1
06/11/2021 17:30	<Samp	<Samp
06/11/2021 17:36	-0.6	4.1
06/11/2021 17:42	NoData	NoData
06/11/2021 17:48	-0.6	4.1
06/11/2021 17:54	-0.6	4.1
06/11/2021 18:00	<Samp	<Samp
06/11/2021 18:06	-0.6	4.2
06/11/2021 18:12	-0.6	4.2
06/11/2021 18:18	<Samp	<Samp
06/11/2021 18:24	-0.6	4.2
06/11/2021 18:30	-0.6	4.2
06/11/2021 18:36	<Samp	<Samp
06/11/2021 18:42	-0.6	4.2
06/11/2021 18:48	-0.6	4.2
06/11/2021 18:54	<Samp	<Samp
06/11/2021 19:00	-0.6	4.2
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06/11/2021 19:18	-0.6	4.2
06/11/2021 19:24	-0.6	4.2

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Date & Time	PE 1	PE 4
	%	%
06/11/2021 19:30	-0.6	4.2
06/11/2021 19:36	-0.6	4.2
06/11/2021 19:42	NoData	NoData
06/11/2021 19:48	-0.7	4.2
06/11/2021 19:54	-0.7	4.2
06/11/2021 20:00	<Samp	<Samp
06/11/2021 20:06	-0.7	4.2
06/11/2021 20:12	-0.7	4.2
06/11/2021 20:18	<Samp	<Samp
06/11/2021 20:24	-0.7	4.2
06/11/2021 20:30	-0.7	4.2
06/11/2021 20:36	<Samp	<Samp
06/11/2021 20:42	-0.7	4.2
06/11/2021 20:48	-0.7	4.3
06/11/2021 20:54	<Samp	<Samp
06/11/2021 21:00	-0.7	4.2
06/11/2021 21:06	-0.7	4.3
06/11/2021 21:12	<Samp	<Samp
06/11/2021 21:18	-0.7	4.3
06/11/2021 21:24	-0.7	4.3
06/11/2021 21:30	-0.7	4.3
06/11/2021 21:36	-0.7	4.2
06/11/2021 21:42	NoData	NoData
06/11/2021 21:48	-0.7	4.2
06/11/2021 21:54	-0.7	4.2
06/11/2021 22:00	<Samp	<Samp
06/11/2021 22:06	-0.7	4.3
06/11/2021 22:12	-0.7	4.3
06/11/2021 22:18	<Samp	<Samp
06/11/2021 22:24	-0.7	4.3
06/11/2021 22:30	-0.7	4.3
06/11/2021 22:36	<Samp	<Samp
06/11/2021 22:42	-0.7	4.2
06/11/2021 22:48	-0.7	4.2
06/11/2021 22:54	<Samp	<Samp
06/11/2021 23:00	-0.7	4.2
06/11/2021 23:06	-0.7	4.2
06/11/2021 23:12	-0.7	4.2
06/11/2021 23:18	-0.7	4.3
06/11/2021 23:24	-0.7	4.3

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



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/11/2021 23:30	-0.7	4.3
06/11/2021 23:36	-0.7	4.3
06/11/2021 23:42	NoData	NoData
06/11/2021 23:48	-0.7	4.3
06/11/2021 23:54	-0.7	4.3
07/11/2021 00:00	<Samp	<Samp
07/11/2021 00:06	-0.7	4.3
07/11/2021 00:12	-0.7	4.3
07/11/2021 00:18	<Samp	<Samp
07/11/2021 00:24	-0.7	4.3
07/11/2021 00:30	-0.7	4.3
07/11/2021 00:36	<Samp	<Samp
07/11/2021 00:42	-0.7	4.3
07/11/2021 00:48	-0.7	4.3
07/11/2021 00:54	<Samp	<Samp
07/11/2021 01:00	-0.7	4.3
07/11/2021 01:06	-0.7	4.3
07/11/2021 01:12	-0.7	4.3
07/11/2021 01:18	-0.7	4.3
07/11/2021 01:24	NoData	NoData
07/11/2021 01:30	-0.7	4.3
07/11/2021 01:36	-0.7	4.3
07/11/2021 01:42	<Samp	<Samp
07/11/2021 01:48	-0.7	4.3
07/11/2021 01:54	-0.7	4.3
07/11/2021 02:00	-0.7	4.4
07/11/2021 02:06	-0.7	4.4
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07/11/2021 02:18	-0.7	4.4
07/11/2021 02:24	-0.8	4.4
07/11/2021 02:30	-0.8	4.4
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07/11/2021 02:48	-0.8	4.4
07/11/2021 02:54	-0.8	4.5
07/11/2021 03:00	-0.8	4.3
07/11/2021 03:06	-0.8	4.2
07/11/2021 03:12	-0.8	4.2
07/11/2021 03:18	-0.8	4.2
07/11/2021 03:24	-0.8	4.2



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**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 4
	%	%
07/11/2021 03:30	-0.8	4.2
07/11/2021 03:36	-0.8	4.2
07/11/2021 03:42	-0.8	4.2
07/11/2021 03:48	-0.8	4.1
07/11/2021 03:54	-0.8	4.1
07/11/2021 04:00	-0.8	4.1
07/11/2021 04:06	-0.8	4.1
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07/11/2021 04:24	-0.8	4.1
07/11/2021 04:30	-0.8	4.1
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07/11/2021 04:42	-0.8	4.1
07/11/2021 04:48	-0.8	4.1
07/11/2021 04:54	-0.8	4.1
07/11/2021 05:00	-0.8	4.1
07/11/2021 05:06	-0.8	4.1
07/11/2021 05:12	-0.8	4.2
07/11/2021 05:18	-0.8	4.2
07/11/2021 05:24	-0.8	4.2
07/11/2021 05:30	-0.8	4.2
07/11/2021 05:36	-0.8	4.2
07/11/2021 05:42	-0.8	4.2
07/11/2021 05:48	-0.8	4.2
07/11/2021 05:54	-0.8	4.2
07/11/2021 06:00	-0.8	4.2
07/11/2021 06:06	-0.8	4.1
07/11/2021 06:12	-0.8	4.1
07/11/2021 06:18	-0.8	4.1
07/11/2021 06:24	-0.8	4.1
07/11/2021 06:30	-0.8	4.2
07/11/2021 06:36	-0.8	4.2
07/11/2021 06:42	-0.8	4.1
07/11/2021 06:48	-0.8	4.1
07/11/2021 06:54	-0.8	4.1
07/11/2021 07:00	-0.8	4.2
07/11/2021 07:06	-0.8	4.2
07/11/2021 07:12	-0.8	4.1
07/11/2021 07:18	-0.8	4.1
07/11/2021 07:24	-0.8	4.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/11/2021 07:30	-0.8	4.1
07/11/2021 07:36	-0.8	4.2
07/11/2021 07:42	-0.8	4.2
07/11/2021 07:48	-0.8	4.1
07/11/2021 07:54	-0.8	4.1
07/11/2021 08:00	-0.8	4.1
07/11/2021 08:06	-0.8	4.1
07/11/2021 08:12	-0.8	4.1
07/11/2021 08:18	-0.8	4.1
07/11/2021 08:24	-0.8	4.3
07/11/2021 08:30	-0.8	4.5
07/11/2021 08:36	-0.8	4.6
07/11/2021 08:42	-0.8	4.6
07/11/2021 08:48	-0.7	4.6
07/11/2021 08:54	-0.7	4.6
07/11/2021 09:00	-0.7	4.6
07/11/2021 09:06	-0.7	4.6
07/11/2021 09:12	-0.7	4.6
07/11/2021 09:18	-0.7	4.6
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07/11/2021 09:30	-0.7	4.6
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07/11/2021 09:42	-0.7	4.5
07/11/2021 09:48	-0.7	4.5
07/11/2021 09:54	-0.7	4.5
07/11/2021 10:00	-0.7	4.6
07/11/2021 10:06	-0.7	4.6
07/11/2021 10:12	-0.7	4.6
07/11/2021 10:18	-0.7	4.7
07/11/2021 10:24	-0.6	4.7
07/11/2021 10:30	-0.6	4.7
07/11/2021 10:36	-0.6	4.6
07/11/2021 10:42	-0.6	4.6
07/11/2021 10:48	-0.6	4.6
07/11/2021 10:54	-0.6	4.6
07/11/2021 11:00	-0.5	4.6
07/11/2021 11:06	-0.5	4.6
07/11/2021 11:12	-0.5	4.6
07/11/2021 11:18	-0.5	4.6
07/11/2021 11:24	-0.5	4.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
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07/11/2021 11:36	-0.4	4.6
07/11/2021 11:42	-0.4	4.5
07/11/2021 11:48	-0.4	4.5
07/11/2021 11:54	-0.4	4.5
07/11/2021 12:00	-0.5	4.5
07/11/2021 12:06	-0.7	4.5
07/11/2021 12:12	-0.7	4.5
07/11/2021 12:18	-0.7	4.5
07/11/2021 12:24	-0.7	4.5
07/11/2021 12:30	-0.7	4.5
07/11/2021 12:36	-0.7	4.5
07/11/2021 12:42	-0.7	4.5
07/11/2021 12:48	-0.7	4.5
07/11/2021 12:54	-0.7	4.5
07/11/2021 13:00	-0.7	4.5
07/11/2021 13:06	-0.7	4.5
07/11/2021 13:12	-0.7	4.5
07/11/2021 13:18	-0.7	4.5
07/11/2021 13:24	-0.7	4.5
07/11/2021 13:30	-0.7	4.5
07/11/2021 13:36	-0.7	4.5
07/11/2021 13:42	-0.7	4.4
07/11/2021 13:48	-0.8	4.4
07/11/2021 13:54	-0.8	4.4
07/11/2021 14:00	-0.8	4.4
07/11/2021 14:06	-0.8	4.3
07/11/2021 14:12	-0.8	4.3
07/11/2021 14:18	-0.8	4.3
07/11/2021 14:24	-0.8	4.3
07/11/2021 14:30	-0.8	4.3
07/11/2021 14:36	-0.8	4.3
07/11/2021 14:42	-0.8	4.3
07/11/2021 14:48	-0.8	4.4
07/11/2021 14:54	-0.8	4.4
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07/11/2021 15:12	-0.8	4.4
07/11/2021 15:18	-0.8	4.4
07/11/2021 15:24	-0.8	4.4

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/11/2021 15:30	-0.8	4.3
07/11/2021 15:36	-0.8	4.3
07/11/2021 15:42	-0.8	4.3
07/11/2021 15:48	-0.8	4.4
07/11/2021 15:54	-0.8	4.4
07/11/2021 16:00	-0.8	4.4
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07/11/2021 16:48	-0.8	4.4
07/11/2021 16:54	-0.8	4.4
07/11/2021 17:00	-0.8	4.4
07/11/2021 17:06	-0.8	4.3
07/11/2021 17:12	-0.8	4.3
07/11/2021 17:18	-0.8	4.3
07/11/2021 17:24	-0.8	4.3
07/11/2021 17:30	-0.8	4.3
07/11/2021 17:36	-0.8	4.3
07/11/2021 17:42	-0.8	4.4
07/11/2021 17:48	-0.8	4.3
07/11/2021 17:54	-0.8	4.3
07/11/2021 18:00	-0.8	4.3
07/11/2021 18:06	-0.8	4.3
07/11/2021 18:12	-0.9	4.3
07/11/2021 18:18	-0.9	4.3
07/11/2021 18:24	-0.9	4.3
07/11/2021 18:30	-0.9	4.3
07/11/2021 18:36	-0.9	4.3
07/11/2021 18:42	-0.9	4.3
07/11/2021 18:48	-0.9	4.3
07/11/2021 18:54	-0.9	4.3
07/11/2021 19:00	-0.9	4.3
07/11/2021 19:06	-0.9	4.3
07/11/2021 19:12	-0.9	4.3
07/11/2021 19:18	-0.9	4.3
07/11/2021 19:24	-0.9	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/11/2021 19:30	-0.9	4.3
07/11/2021 19:36	-0.9	4.3
07/11/2021 19:42	-0.9	4.3
07/11/2021 19:48	-0.9	4.3
07/11/2021 19:54	-0.9	4.3
07/11/2021 20:00	-0.9	4.3
07/11/2021 20:06	-0.9	4.3
07/11/2021 20:12	-0.9	4.1
07/11/2021 20:18	-0.9	4
07/11/2021 20:24	-0.9	4
07/11/2021 20:30	-0.9	4
07/11/2021 20:36	-0.9	4
07/11/2021 20:42	-0.9	4
07/11/2021 20:48	-0.9	4
07/11/2021 20:54	-0.9	4
07/11/2021 21:00	-0.9	4
07/11/2021 21:06	-0.9	4
07/11/2021 21:12	-0.9	4.1
07/11/2021 21:18	-0.9	4.1
07/11/2021 21:24	-0.9	4.1
07/11/2021 21:30	-0.9	4.1
07/11/2021 21:36	-0.9	4.1
07/11/2021 21:42	-0.9	4.1
07/11/2021 21:48	-0.9	4.1
07/11/2021 21:54	-0.9	4.1
07/11/2021 22:00	-0.9	4.1
07/11/2021 22:06	-0.9	4.1
07/11/2021 22:12	-0.9	4.1
07/11/2021 22:18	-0.9	4.1
07/11/2021 22:24	-0.9	4.1
07/11/2021 22:30	-0.9	4.1
07/11/2021 22:36	-0.9	4.1
07/11/2021 22:42	-0.9	4.1
07/11/2021 22:48	-0.9	4.1
07/11/2021 22:54	-0.9	4.1
07/11/2021 23:00	-0.9	4.1
07/11/2021 23:06	-0.9	4.1
07/11/2021 23:12	-0.9	4.1
07/11/2021 23:18	-0.9	4.1
07/11/2021 23:24	-0.9	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/11/2021 23:30	-0.9	4
07/11/2021 23:36	-0.9	4.1
07/11/2021 23:42	-0.9	4.1
07/11/2021 23:48	-0.9	4.1
07/11/2021 23:54	-0.9	4
08/11/2021 00:00	-0.9	3.5
08/11/2021 00:06	-0.9	3.1
08/11/2021 00:12	-0.9	3.2
08/11/2021 00:18	-0.9	3.2
08/11/2021 00:24	-0.9	3.1
08/11/2021 00:30	-1	3.1
08/11/2021 00:36	-0.9	3.1
08/11/2021 00:42	-0.9	3.1
08/11/2021 00:48	-0.9	3.1
08/11/2021 00:54	-1	3.1
08/11/2021 01:00	-1	3.1
08/11/2021 01:06	-1	3.1
08/11/2021 01:12	-1	3.1
08/11/2021 01:18	-1	3.3
08/11/2021 01:24	-0.9	3.2
08/11/2021 01:30	-0.9	3.2
08/11/2021 01:36	-1	3.2
08/11/2021 01:42	-1	3.2
08/11/2021 01:48	-1	3.2
08/11/2021 01:54	-1	3.2
08/11/2021 02:00	-1	3.3
08/11/2021 02:06	-0.9	3.2
08/11/2021 02:12	-0.9	3.2
08/11/2021 02:18	-1	3.2
08/11/2021 02:24	-1	3.2
08/11/2021 02:30	-1	3.2
08/11/2021 02:36	-1	3.2
08/11/2021 02:42	-1	3.2
08/11/2021 02:48	-1	3.2
08/11/2021 02:54	-1	3.3
08/11/2021 03:00	-1	3.3
08/11/2021 03:06	-1	3.3
08/11/2021 03:12	-1	3.2
08/11/2021 03:18	-1	3.2
08/11/2021 03:24	-1	3.3

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
08/11/2021 03:30	-1	3.4
08/11/2021 03:36	-1	3.6
08/11/2021 03:42	-1	3.6
08/11/2021 03:48	-1	3.6
08/11/2021 03:54	-1	3.6
08/11/2021 04:00	-1	3.6
08/11/2021 04:06	-1	3.6
08/11/2021 04:12	-1	3.6
08/11/2021 04:18	-1	3.6
08/11/2021 04:24	-1	3.6
08/11/2021 04:30	-1	3.6
08/11/2021 04:36	-1	3.6
08/11/2021 04:42	-1	3.6
08/11/2021 04:48	-1	3.6
08/11/2021 04:54	-1	3.6
08/11/2021 05:00	-1	3.5
08/11/2021 05:06	-1	3.5
08/11/2021 05:12	-1	3.5
08/11/2021 05:18	-1	3.5
08/11/2021 05:24	-1	3.5
08/11/2021 05:30	-1	3.5
08/11/2021 05:36	-1	3.6
08/11/2021 05:42	-1	3.6
08/11/2021 05:48	-1	3.5
08/11/2021 05:54	-1	3.5
08/11/2021 06:00	-1	3.5
08/11/2021 06:06	-1	3.5
08/11/2021 06:12	-1	3.5
08/11/2021 06:18	-1	3.5
08/11/2021 06:24	-1	3.5
08/11/2021 06:30	-1	3.5
08/11/2021 06:36	-1	3.6
08/11/2021 06:42	-1	3.5
08/11/2021 06:48	-1	3.3
08/11/2021 06:54	-1	3.2
08/11/2021 07:00	-1	3.2
08/11/2021 07:06	-1	3
08/11/2021 07:12	-1	2.1
08/11/2021 07:18	-1	1.5
08/11/2021 07:24	-1	1.6

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/11/2021 07:30	-1	1.6
08/11/2021 07:36	-1	1.6
08/11/2021 07:42	-1	2.1
08/11/2021 07:48	-1	2.5
08/11/2021 07:54	7.4	1.6
08/11/2021 08:00	7.8	1.5
08/11/2021 08:06	1.6	1.5
08/11/2021 08:12	2.2	1.5
08/11/2021 08:18	2	1.5
08/11/2021 08:24	1.8	1.5
08/11/2021 08:30	1.5	1.5
08/11/2021 08:36	1.1	1.5
08/11/2021 08:42	0.9	1.6
08/11/2021 08:48	0.6	1.6
08/11/2021 08:54	3.5	1.6
08/11/2021 09:00	6.6	1.6
08/11/2021 09:06	4.2	1.6
08/11/2021 09:12	2	1.6
08/11/2021 09:18	0.7	1.6
08/11/2021 09:24	0.4	1.6
08/11/2021 09:30	0.2	1.6
08/11/2021 09:36	0.3	1.5
08/11/2021 09:42	0.2	1.6
08/11/2021 09:48	0.2	1.5
08/11/2021 09:54	0.2	1.5
08/11/2021 10:00	0.1	1.5
08/11/2021 10:06	0.1	1.5
08/11/2021 10:12	0.1	1.5
08/11/2021 10:18	0.1	1.5
08/11/2021 10:24	0.1	1.5
08/11/2021 10:30	0.1	1.5
08/11/2021 10:36	0.1	1.5
08/11/2021 10:42	0.2	1.5
08/11/2021 10:48	0.2	1.5
08/11/2021 10:54	0.2	1.5
08/11/2021 11:00	0.3	1.5
08/11/2021 11:06	0.3	1.5
08/11/2021 11:12	0.4	1.5
08/11/2021 11:18	0.4	1.5
08/11/2021 11:24	0.4	1.5



## 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 4
	%	%
08/11/2021 11:30	0.5	1.5
08/11/2021 11:36	0.5	1.5
08/11/2021 11:42	0.5	1.5
08/11/2021 11:48	0.5	1.5
08/11/2021 11:54	0.5	1.5
08/11/2021 12:00	0.5	1.5
08/11/2021 12:06	0.5	1.5
08/11/2021 12:12	0.5	1.5
08/11/2021 12:18	0.5	1.5
08/11/2021 12:24	0.5	1.5
08/11/2021 12:30	0.5	1.5
08/11/2021 12:36	0.5	1.5
08/11/2021 12:42	0.5	1.5
08/11/2021 12:48	0.5	1.5
08/11/2021 12:54	0.5	1.5
08/11/2021 13:00	0.5	1.5
08/11/2021 13:06	0.5	1.5
08/11/2021 13:12	0.5	1.5
08/11/2021 13:18	0.5	1.5
08/11/2021 13:24	0.5	1.5
08/11/2021 13:30	0.5	1.5
08/11/2021 13:36	0.5	1.5
08/11/2021 13:42	0.5	1.5
08/11/2021 13:48	0.5	1.5
08/11/2021 13:54	0.5	1.5
08/11/2021 14:00	0.5	1.5
08/11/2021 14:06	0.5	1.5
08/11/2021 14:12	0.5	1.6
08/11/2021 14:18	0.5	1.6
08/11/2021 14:24	0.5	1.6
08/11/2021 14:30	0.5	1.6
08/11/2021 14:36	0.5	1.6
08/11/2021 14:42	0.5	1.6
08/11/2021 14:48	0.5	1.6
08/11/2021 14:54	0.5	1.7
08/11/2021 15:00	0.5	1.7
08/11/2021 15:06	0.5	1.7
08/11/2021 15:12	0.6	1.7
08/11/2021 15:18	0.6	1.7
08/11/2021 15:24	0.5	1.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/11/2021 15:30	0.5	1.7
08/11/2021 15:36	0.5	1.7
08/11/2021 15:42	0.5	1.7
08/11/2021 15:48	0.5	1.7
08/11/2021 15:54	0.5	1.7
08/11/2021 16:00	0.5	1.7
08/11/2021 16:06	0.5	1.8
08/11/2021 16:12	0.5	1.8
08/11/2021 16:18	0.5	1.8
08/11/2021 16:24	0.5	1.8
08/11/2021 16:30	0.5	1.8
08/11/2021 16:36	0.5	1.8
08/11/2021 16:42	0.5	1.8
08/11/2021 16:48	0.5	1.8
08/11/2021 16:54	0.6	1.8
08/11/2021 17:00	0.6	1.8
08/11/2021 17:06	0.6	1.8
08/11/2021 17:12	0.6	1.8
08/11/2021 17:18	0.6	1.8
08/11/2021 17:24	0.6	1.8
08/11/2021 17:30	0.6	1.8
08/11/2021 17:36	0.6	1.8
08/11/2021 17:42	0.6	1.8
08/11/2021 17:48	0.6	1.8
08/11/2021 17:54	0.6	1.8
08/11/2021 18:00	0.6	1.8
08/11/2021 18:06	0.6	1.8
08/11/2021 18:12	0.6	1.8
08/11/2021 18:18	0.6	1.8
08/11/2021 18:24	0.6	1.8
08/11/2021 18:30	0.6	1.8
08/11/2021 18:36	0.6	1.8
08/11/2021 18:42	0.6	1.8
08/11/2021 18:48	0.7	1.8
08/11/2021 18:54	0.6	1.8
08/11/2021 19:00	0.6	1.8
08/11/2021 19:06	0.7	1.8
08/11/2021 19:12	0.6	1.8
08/11/2021 19:18	0.6	1.9
08/11/2021 19:24	0.6	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/11/2021 19:30	0.6	1.9
08/11/2021 19:36	0.6	1.9
08/11/2021 19:42	0.6	1.9
08/11/2021 19:48	0.6	1.9
08/11/2021 19:54	0.6	1.9
08/11/2021 20:00	0.6	1.9
08/11/2021 20:06	0.6	1.9
08/11/2021 20:12	0.6	1.9
08/11/2021 20:18	0.6	1.9
08/11/2021 20:24	0.6	1.9
08/11/2021 20:30	0.6	1.9
08/11/2021 20:36	0.6	1.9
08/11/2021 20:42	0.6	1.9
08/11/2021 20:48	0.6	1.9
08/11/2021 20:54	0.5	1.9
08/11/2021 21:00	0.5	1.9
08/11/2021 21:06	0.5	1.9
08/11/2021 21:12	0.5	1.9
08/11/2021 21:18	0.5	1.9
08/11/2021 21:24	0.5	1.9
08/11/2021 21:30	0.6	1.9
08/11/2021 21:36	0.5	1.9
08/11/2021 21:42	0.5	1.9
08/11/2021 21:48	0.5	1.9
08/11/2021 21:54	0.5	1.9
08/11/2021 22:00	0.5	2
08/11/2021 22:06	0.5	2
08/11/2021 22:12	0.5	2
08/11/2021 22:18	0.5	2
08/11/2021 22:24	0.5	2
08/11/2021 22:30	0.5	2
08/11/2021 22:36	0.5	2
08/11/2021 22:42	0.5	2
08/11/2021 22:48	0.5	2
08/11/2021 22:54	0.5	2
08/11/2021 23:00	0.5	2
08/11/2021 23:06	0.5	2
08/11/2021 23:12	0.5	2
08/11/2021 23:18	0.5	2
08/11/2021 23:24	0.5	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/11/2021 23:30	0.5	2
08/11/2021 23:36	0.5	2
08/11/2021 23:42	0.5	2
08/11/2021 23:48	0.5	2
08/11/2021 23:54	0.5	2
09/11/2021 00:00	0.5	2
09/11/2021 00:06	0.5	2
09/11/2021 00:12	0.5	2.1
09/11/2021 00:18	0.5	2.1
09/11/2021 00:24	0.4	2.1
09/11/2021 00:30	0.4	2.1
09/11/2021 00:36	0.4	2.1
09/11/2021 00:42	0.4	2.1
09/11/2021 00:48	0.4	2.1
09/11/2021 00:54	0.4	2.1
09/11/2021 01:00	0.4	2.1
09/11/2021 01:06	0.4	2.1
09/11/2021 01:12	0.4	2.1
09/11/2021 01:18	0.4	2.1
09/11/2021 01:24	0.4	2.1
09/11/2021 01:30	0.4	2.1
09/11/2021 01:36	0.5	2.1
09/11/2021 01:42	0.5	2.1
09/11/2021 01:48	0.4	2.1
09/11/2021 01:54	0.4	2.1
09/11/2021 02:00	0.4	2.1
09/11/2021 02:06	0.4	2.1
09/11/2021 02:12	0.5	2.1
09/11/2021 02:18	0.3	2.1
09/11/2021 02:24	0	2.1
09/11/2021 02:30	-0.2	2.1
09/11/2021 02:36	-0.2	2.1
09/11/2021 02:42	-0.2	2.1
09/11/2021 02:48	-0.2	2.1
09/11/2021 02:54	-0.2	2.1
09/11/2021 03:00	-0.3	2.1
09/11/2021 03:06	-0.3	2.1
09/11/2021 03:12	-0.3	2.1
09/11/2021 03:18	-0.3	2.1
09/11/2021 03:24	-0.3	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/11/2021 03:30	-0.3	2.1
09/11/2021 03:36	-0.3	2.1
09/11/2021 03:42	-0.3	2.1
09/11/2021 03:48	-0.3	2.1
09/11/2021 03:54	-0.3	2.1
09/11/2021 04:00	-0.3	2.1
09/11/2021 04:06	-0.3	2.1
09/11/2021 04:12	-0.3	2.1
09/11/2021 04:18	-0.3	2.1
09/11/2021 04:24	-0.3	2.1
09/11/2021 04:30	-0.4	2.1
09/11/2021 04:36	-0.4	2.1
09/11/2021 04:42	-0.3	2.1
09/11/2021 04:48	-0.3	2.2
09/11/2021 04:54	-0.4	2.2
09/11/2021 05:00	-0.4	2.2
09/11/2021 05:06	-0.3	2.2
09/11/2021 05:12	-0.3	2.2
09/11/2021 05:18	-0.3	2.2
09/11/2021 05:24	-0.3	2.2
09/11/2021 05:30	-0.3	2.2
09/11/2021 05:36	-0.3	2.2
09/11/2021 05:42	-0.3	2.2
09/11/2021 05:48	-0.3	2.2
09/11/2021 05:54	-0.3	2.2
09/11/2021 06:00	-0.3	2.2
09/11/2021 06:06	-0.3	2.2
09/11/2021 06:12	-0.2	2.2
09/11/2021 06:18	0.1	2.2
09/11/2021 06:24	0.1	2.2
09/11/2021 06:30	0	2.2
09/11/2021 06:36	0	2.2
09/11/2021 06:42	0	2.2
09/11/2021 06:48	-0.1	2.2
09/11/2021 06:54	-0.1	2.2
09/11/2021 07:00	-0.1	2.2
09/11/2021 07:06	0	2.2
09/11/2021 07:12	0	2.2
09/11/2021 07:18	-0.1	2.2
09/11/2021 07:24	-0.1	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/11/2021 07:30	-0.2	2.2
09/11/2021 07:36	-0.3	2.2
09/11/2021 07:42	-0.3	2.2
09/11/2021 07:48	-0.3	2.2
09/11/2021 07:54	-0.3	2.2
09/11/2021 08:00	-0.2	2.2
09/11/2021 08:06	-0.2	2.2
09/11/2021 08:12	-0.2	2.2
09/11/2021 08:18	-0.3	2.2
09/11/2021 08:24	-0.3	2.2
09/11/2021 08:30	-0.3	2.2
09/11/2021 08:36	-0.3	2.2
09/11/2021 08:42	-0.3	2.2
09/11/2021 08:48	-0.3	2.2
09/11/2021 08:54	-0.3	2.2
09/11/2021 09:00	-0.3	2.2
09/11/2021 09:06	-0.2	2.2
09/11/2021 09:12	0	2.2
09/11/2021 09:18	0.2	2.2
09/11/2021 09:24	0.2	2.2
09/11/2021 09:30	0.3	2.2
09/11/2021 09:36	0.4	2.2
09/11/2021 09:42	0.4	2.2
09/11/2021 09:48	0.4	2.2
09/11/2021 09:54	0.3	2.2
09/11/2021 10:00	0	2.1
09/11/2021 10:06	-0.2	2.1
09/11/2021 10:12	-0.1	2.1
09/11/2021 10:18	-0.1	2.1
09/11/2021 10:24	-0.1	2.1
09/11/2021 10:30	-0.1	2.1
09/11/2021 10:36	-0.1	2.1
09/11/2021 10:42	0	2.1
09/11/2021 10:48	0	2.1
09/11/2021 10:54	0	2.1
09/11/2021 11:00	0	2.1
09/11/2021 11:06	0	2.1
09/11/2021 11:12	0.1	2.1
09/11/2021 11:18	0.1	2.1
09/11/2021 11:24	0.1	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/11/2021 11:30	0.2	2.1
09/11/2021 11:36	0.2	2.1
09/11/2021 11:42	0.2	2.1
09/11/2021 11:48	0.2	2.1
09/11/2021 11:54	0.2	2.1
09/11/2021 12:00	0.2	2.1
09/11/2021 12:06	0.1	2.1
09/11/2021 12:12	0.1	2.1
09/11/2021 12:18	0.1	2.1
09/11/2021 12:24	0.1	2.1
09/11/2021 12:30	0.2	2.1
09/11/2021 12:36	0.2	2.1
09/11/2021 12:42	0.2	2.1
09/11/2021 12:48	0.4	2.1
09/11/2021 12:54	0.4	2.1
09/11/2021 13:00	0.4	2.1
09/11/2021 13:06	0.4	2.1
09/11/2021 13:12	0.3	2.1
09/11/2021 13:18	0.2	2.1
09/11/2021 13:24	0.1	2.1
09/11/2021 13:30	0.1	2.1
09/11/2021 13:36	0.1	2.1
09/11/2021 13:42	0.1	2.1
09/11/2021 13:48	0.1	2.1
09/11/2021 13:54	0.1	2.1
09/11/2021 14:00	0.4	2.1
09/11/2021 14:06	0.6	2.1
09/11/2021 14:12	0.6	2.1
09/11/2021 14:18	0.6	2.1
09/11/2021 14:24	0.5	2.1
09/11/2021 14:30	0.6	2.1
09/11/2021 14:36	0.5	2.1
09/11/2021 14:42	0.6	2.1
09/11/2021 14:48	0.6	2.1
09/11/2021 14:54	0.5	2.1
09/11/2021 15:00	0.5	2.1
09/11/2021 15:06	0.5	2.1
09/11/2021 15:12	0.5	2.1
09/11/2021 15:18	0.5	2.1
09/11/2021 15:24	0.5	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/11/2021 15:30	0.5	2.1
09/11/2021 15:36	0.5	2.1
09/11/2021 15:42	0.5	2.1
09/11/2021 15:48	0.5	2.1
09/11/2021 15:54	0.5	2.1
09/11/2021 16:00	0.5	2.1
09/11/2021 16:06	0.5	2.1
09/11/2021 16:12	0.5	2.1
09/11/2021 16:18	0.5	2.1
09/11/2021 16:24	0.5	2.1
09/11/2021 16:30	0.4	2.1
09/11/2021 16:36	0.5	2.1
09/11/2021 16:42	0.5	2.1
09/11/2021 16:48	0.5	2.1
09/11/2021 16:54	0.4	2.1
09/11/2021 17:00	0.4	2.1
09/11/2021 17:06	0.4	2.1
09/11/2021 17:12	0.5	2.1
09/11/2021 17:18	0.6	2.1
09/11/2021 17:24	0.6	2.1
09/11/2021 17:30	0.6	2.1
09/11/2021 17:36	0.6	2.1
09/11/2021 17:42	0.6	2.1
09/11/2021 17:48	0.6	2.1
09/11/2021 17:54	0.6	2.1
09/11/2021 18:00	0.6	2.1
09/11/2021 18:06	0.6	2.1
09/11/2021 18:12	0.6	2.1
09/11/2021 18:18	0.6	2.1
09/11/2021 18:24	0.6	2.1
09/11/2021 18:30	0.5	2.1
09/11/2021 18:36	0.5	2.1
09/11/2021 18:42	0.5	2.1
09/11/2021 18:48	0.5	2.1
09/11/2021 18:54	0.5	2.1
09/11/2021 19:00	0.5	2.1
09/11/2021 19:06	0.5	2.1
09/11/2021 19:12	0.5	2.1
09/11/2021 19:18	0.5	2.1
09/11/2021 19:24	0.5	2.1



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	%	%
09/11/2021 19:30	0.5	2.1
09/11/2021 19:36	0.5	2.1
09/11/2021 19:42	0.5	2.1
09/11/2021 19:48	0.5	2.1
09/11/2021 19:54	0.5	2.1
09/11/2021 20:00	0.5	2.2
09/11/2021 20:06	0.5	2.2
09/11/2021 20:12	0.5	2.2
09/11/2021 20:18	0.5	2.2
09/11/2021 20:24	0.5	2.2
09/11/2021 20:30	0.5	2.2
09/11/2021 20:36	0.5	2.2
09/11/2021 20:42	0.5	2.2
09/11/2021 20:48	0.5	2.2
09/11/2021 20:54	0.5	2.2
09/11/2021 21:00	0.5	2.2
09/11/2021 21:06	0.5	2.2
09/11/2021 21:12	0.5	2.2
09/11/2021 21:18	0.5	2.2
09/11/2021 21:24	0.5	2.2
09/11/2021 21:30	0.5	2.2
09/11/2021 21:36	0.5	2.2
09/11/2021 21:42	0.5	2.2
09/11/2021 21:48	0.5	2.2
09/11/2021 21:54	0.5	2.2
09/11/2021 22:00	0.5	2.2
09/11/2021 22:06	0.5	2.2
09/11/2021 22:12	0.5	2.2
09/11/2021 22:18	0.5	2.2
09/11/2021 22:24	0.5	2.2
09/11/2021 22:30	0.4	2.2
09/11/2021 22:36	0.4	2.2
09/11/2021 22:42	0.4	2.2
09/11/2021 22:48	0.4	2.2
09/11/2021 22:54	0.4	2.2
09/11/2021 23:00	0.4	2.2
09/11/2021 23:06	0.4	2.2
09/11/2021 23:12	0.4	2.2
09/11/2021 23:18	0.4	2.2
09/11/2021 23:24	0.5	2.2

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Date & Time	PE 1	PE 4
	%	%
09/11/2021 23:30	0.5	2.2
09/11/2021 23:36	0.4	2.2
09/11/2021 23:42	0.4	2.2
09/11/2021 23:48	0.4	2.2
09/11/2021 23:54	0.4	2.2
10/11/2021 00:00	0.4	2.2
10/11/2021 00:06	0.4	2.2
10/11/2021 00:12	0.4	2.2
10/11/2021 00:18	0	2.2
10/11/2021 00:24	-0.3	2.2
10/11/2021 00:30	-0.3	2.2
10/11/2021 00:36	-0.3	2.2
10/11/2021 00:42	-0.3	2.2
10/11/2021 00:48	-0.2	2.2
10/11/2021 00:54	-0.2	2.2
10/11/2021 01:00	-0.2	2.2
10/11/2021 01:06	-0.2	2.2
10/11/2021 01:12	-0.2	2.2
10/11/2021 01:18	-0.2	2.2
10/11/2021 01:24	-0.2	2.2
10/11/2021 01:30	-0.2	2.2
10/11/2021 01:36	-0.2	2.2
10/11/2021 01:42	-0.2	2.2
10/11/2021 01:48	-0.2	2.2
10/11/2021 01:54	-0.2	2.2
10/11/2021 02:00	-0.1	2.2
10/11/2021 02:06	-0.2	2.2
10/11/2021 02:12	-0.2	2.2
10/11/2021 02:18	0	2.2
10/11/2021 02:24	0	2.2
10/11/2021 02:30	-0.1	2.2
10/11/2021 02:36	-0.2	2.2
10/11/2021 02:42	-0.2	2.2
10/11/2021 02:48	-0.2	2.2
10/11/2021 02:54	-0.1	2.2
10/11/2021 03:00	-0.1	2.2
10/11/2021 03:06	-0.1	2.2
10/11/2021 03:12	-0.1	2.2
10/11/2021 03:18	-0.1	2.2
10/11/2021 03:24	-0.1	2.2

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



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/11/2021 03:30	-0.1	2.2
10/11/2021 03:36	-0.1	2.2
10/11/2021 03:42	-0.1	2.2
10/11/2021 03:48	-0.1	2.2
10/11/2021 03:54	-0.1	2.2
10/11/2021 04:00	-0.1	2.2
10/11/2021 04:06	-0.1	2.2
10/11/2021 04:12	-0.1	2.2
10/11/2021 04:18	-0.1	2.2
10/11/2021 04:24	-0.1	2.2
10/11/2021 04:30	-0.1	2.2
10/11/2021 04:36	-0.1	2.2
10/11/2021 04:42	-0.1	2.2
10/11/2021 04:48	-0.1	2.2
10/11/2021 04:54	-0.1	2.2
10/11/2021 05:00	-0.1	2.2
10/11/2021 05:06	-0.1	2.2
10/11/2021 05:12	-0.1	2.2
10/11/2021 05:18	-0.1	2.2
10/11/2021 05:24	-0.1	2.2
10/11/2021 05:30	-0.1	2.2
10/11/2021 05:36	-0.1	2.2
10/11/2021 05:42	-0.1	2.2
10/11/2021 05:48	-0.1	2.2
10/11/2021 05:54	-0.1	2.2
10/11/2021 06:00	-0.1	2.2
10/11/2021 06:06	-0.1	2.2
10/11/2021 06:12	-0.1	2.2
10/11/2021 06:18	-0.1	2.2
10/11/2021 06:24	-0.1	2.2
10/11/2021 06:30	-0.1	2.2
10/11/2021 06:36	0	2.2
10/11/2021 06:42	0	2.2
10/11/2021 06:48	0	2.2
10/11/2021 06:54	0	2.2
10/11/2021 07:00	0	2.2
10/11/2021 07:06	-0.1	2.2
10/11/2021 07:12	-0.1	2.2
10/11/2021 07:18	0	2.2
10/11/2021 07:24	0	2.2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/11/2021 07:30	0	2.2
10/11/2021 07:36	-0.1	2.2
10/11/2021 07:42	-0.1	2.2
10/11/2021 07:48	0	2.2
10/11/2021 07:54	0.2	2.2
10/11/2021 08:00	0.2	2.2
10/11/2021 08:06	0	2.2
10/11/2021 08:12	-0.3	2.2
10/11/2021 08:18	-0.4	2.2
10/11/2021 08:24	-0.3	2.2
10/11/2021 08:30	-0.3	2.2
10/11/2021 08:36	0.1	2.2
10/11/2021 08:42	0.4	2.2
10/11/2021 08:48	0.4	2.2
10/11/2021 08:54	0.4	2.2
10/11/2021 09:00	0.4	2.2
10/11/2021 09:06	0.4	2.2
10/11/2021 09:12	0.4	2.2
10/11/2021 09:18	0.4	2.2
10/11/2021 09:24	0.4	2.2
10/11/2021 09:30	0.5	2.2
10/11/2021 09:36	0.5	2.2
10/11/2021 09:42	0.5	2.2
10/11/2021 09:48	0.4	2.2
10/11/2021 09:54	0.2	2.2
10/11/2021 10:00	0.4	2.2
10/11/2021 10:06	0.6	2.2
10/11/2021 10:12	0.5	2.2
10/11/2021 10:18	0.3	2.2
10/11/2021 10:24	0.3	2.2
10/11/2021 10:30	0.3	2.2
10/11/2021 10:36	0.3	2.2
10/11/2021 10:42	0.3	2.2
10/11/2021 10:48	0.3	2.1
10/11/2021 10:54	0.3	2.1
10/11/2021 11:00	0.3	2.1
10/11/2021 11:06	0.3	2.1
10/11/2021 11:12	0.5	2.1
10/11/2021 11:18	0.6	2.2
10/11/2021 11:24	0.6	2.2

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Date & Time	PE 1	PE 4
	%	%
10/11/2021 11:30	0.6	2.2
10/11/2021 11:36	0.5	2.2
10/11/2021 11:42	0.4	2.2
10/11/2021 11:48	0.5	2.2
10/11/2021 11:54	0.5	2.2
10/11/2021 12:00	0.5	2.2
10/11/2021 12:06	0.5	2.2
10/11/2021 12:12	0.5	2.2
10/11/2021 12:18	0.5	2.2
10/11/2021 12:24	0.5	2.2
10/11/2021 12:30	0.5	2.2
10/11/2021 12:36	0.7	2.2
10/11/2021 12:42	0.8	2.2
10/11/2021 12:48	0.8	2.2
10/11/2021 12:54	0.8	2.2
10/11/2021 13:00	0.7	2.2
10/11/2021 13:06	0.6	2.2
10/11/2021 13:12	0.5	2.2
10/11/2021 13:18	0.5	2.2
10/11/2021 13:24	0.5	2.1
10/11/2021 13:30	0.5	2.1
10/11/2021 13:36	0.4	2.1
10/11/2021 13:42	0.4	2.1
10/11/2021 13:48	0.4	2.1
10/11/2021 13:54	0.5	2.1
10/11/2021 14:00	0.6	2.1
10/11/2021 14:06	0.5	2.1
10/11/2021 14:12	0.3	2.1
10/11/2021 14:18	0.1	2.1
10/11/2021 14:24	0.1	2.1
10/11/2021 14:30	0.1	2.1
10/11/2021 14:36	0.1	2.1
10/11/2021 14:42	0.1	2.1
10/11/2021 14:48	0.1	2.2
10/11/2021 14:54	0.1	2.2
10/11/2021 15:00	0.2	2.2
10/11/2021 15:06	0.1	2.1
10/11/2021 15:12	0.1	2.1
10/11/2021 15:18	0.2	2.1
10/11/2021 15:24	0.2	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/11/2021 15:30	0.2	2.1
10/11/2021 15:36	0.2	2.1
10/11/2021 15:42	0.1	2.1
10/11/2021 15:48	0.2	2.1
10/11/2021 15:54	0.1	2.1
10/11/2021 16:00	0.1	4.6
10/11/2021 16:06	0.1	6.3
10/11/2021 16:12	0.1	3.9
10/11/2021 16:18	0.1	2.3
10/11/2021 16:24	0.1	2.2
10/11/2021 16:30	0.1	2.2
10/11/2021 16:36	0.3	2.1
10/11/2021 16:42	0.5	2.1
10/11/2021 16:48	0.4	2.1
10/11/2021 16:54	0.4	2.1
10/11/2021 17:00	0.4	2.1
10/11/2021 17:06	0.4	2.1
10/11/2021 17:12	0.4	2.1
10/11/2021 17:18	0.4	2.1
10/11/2021 17:24	0.4	2.1
10/11/2021 17:30	0.4	2.1
10/11/2021 17:36	0.4	2.1
10/11/2021 17:42	0.3	2.1
10/11/2021 17:48	0.3	2.1
10/11/2021 17:54	0.3	2.1
10/11/2021 18:00	0.3	2.1
10/11/2021 18:06	0.3	2.1
10/11/2021 18:12	0.3	2.1
10/11/2021 18:18	0.3	2.1
10/11/2021 18:24	0.3	2.1
10/11/2021 18:30	0.3	2.1
10/11/2021 18:36	0.3	2.1
10/11/2021 18:42	0.3	2.1
10/11/2021 18:48	0.3	2.1
10/11/2021 18:54	0.3	2.1
10/11/2021 19:00	0.3	2.1
10/11/2021 19:06	0.3	2.1
10/11/2021 19:12	0.3	2.1
10/11/2021 19:18	0.3	2.1
10/11/2021 19:24	0.3	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/11/2021 19:30	0.3	2.1
10/11/2021 19:36	0.3	2.1
10/11/2021 19:42	0.3	2.1
10/11/2021 19:48	0.3	2.1
10/11/2021 19:54	0.3	2.1
10/11/2021 20:00	0.3	2.1
10/11/2021 20:06	0.3	2.1
10/11/2021 20:12	0.3	2.1
10/11/2021 20:18	0.3	2.1
10/11/2021 20:24	0.3	2.1
10/11/2021 20:30	0.3	2.1
10/11/2021 20:36	0.3	2.2
10/11/2021 20:42	0.3	2.2
10/11/2021 20:48	0.3	2.1
10/11/2021 20:54	0.3	2.1
10/11/2021 21:00	0.3	2.1
10/11/2021 21:06	0.2	2.1
10/11/2021 21:12	0.2	2.1
10/11/2021 21:18	0.2	2.1
10/11/2021 21:24	0.2	2.1
10/11/2021 21:30	0.2	2.1
10/11/2021 21:36	0.2	2.1
10/11/2021 21:42	0.2	2.1
10/11/2021 21:48	0.2	2.1
10/11/2021 21:54	0.2	2.1
10/11/2021 22:00	0.2	2.1
10/11/2021 22:06	0.2	2.1
10/11/2021 22:12	0.2	2.1
10/11/2021 22:18	0.2	2.1
10/11/2021 22:24	0.2	2.1
10/11/2021 22:30	0.2	2.1
10/11/2021 22:36	0.2	2.1
10/11/2021 22:42	0.2	2.1
10/11/2021 22:48	0.2	2.1
10/11/2021 22:54	0.2	2.1
10/11/2021 23:00	0.2	2.1
10/11/2021 23:06	0.2	2.1
10/11/2021 23:12	0.2	2.1
10/11/2021 23:18	0.2	2.1
10/11/2021 23:24	0.2	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/11/2021 23:30	0.2	2.1
10/11/2021 23:36	0.2	2.1
10/11/2021 23:42	0.2	2.2
10/11/2021 23:48	0.2	2.2
10/11/2021 23:54	0.1	2.2
11/11/2021 00:00	0.1	2.2
11/11/2021 00:06	0.1	2.2
11/11/2021 00:12	0.1	2.2
11/11/2021 00:18	0.1	2.2
11/11/2021 00:24	0.1	2.2
11/11/2021 00:30	0.2	2.2
11/11/2021 00:36	0.2	2.2
11/11/2021 00:42	0.2	2.2
11/11/2021 00:48	0.1	2.2
11/11/2021 00:54	0.1	2.2
11/11/2021 01:00	0.1	2.2
11/11/2021 01:06	0.1	2.2
11/11/2021 01:12	0.2	2.2
11/11/2021 01:18	0.2	2.2
11/11/2021 01:24	0.2	2.2
11/11/2021 01:30	0.1	2.2
11/11/2021 01:36	0.1	2.2
11/11/2021 01:42	0.1	2.2
11/11/2021 01:48	0.1	2.2
11/11/2021 01:54	0.1	2.2
11/11/2021 02:00	0.1	2.2
11/11/2021 02:06	0.1	2.2
11/11/2021 02:12	0.1	2.2
11/11/2021 02:18	0.1	2.2
11/11/2021 02:24	0.2	2.2
11/11/2021 02:30	0.1	2.2
11/11/2021 02:36	0.1	2.2
11/11/2021 02:42	0.1	2.2
11/11/2021 02:48	0.1	2.2
11/11/2021 02:54	0.1	2.2
11/11/2021 03:00	0.1	2.2
11/11/2021 03:06	0.1	2.2
11/11/2021 03:12	0.1	2.2
11/11/2021 03:18	0.1	2.2
11/11/2021 03:24	0.1	2.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/11/2021 03:30	0.1	2.2
11/11/2021 03:36	0.1	2.2
11/11/2021 03:42	0.1	2.2
11/11/2021 03:48	0.1	2.2
11/11/2021 03:54	0.1	2.2
11/11/2021 04:00	0.1	2.2
11/11/2021 04:06	0.2	2.2
11/11/2021 04:12	0.2	2.2
11/11/2021 04:18	0.2	2.2
11/11/2021 04:24	0.1	2.2
11/11/2021 04:30	0.2	2.2
11/11/2021 04:36	0.2	2.2
11/11/2021 04:42	0.2	2.2
11/11/2021 04:48	0.2	2.2
11/11/2021 04:54	0.2	2.2
11/11/2021 05:00	0.2	2.2
11/11/2021 05:06	0.2	2.2
11/11/2021 05:12	0.2	2.2
11/11/2021 05:18	0.2	2.2
11/11/2021 05:24	0.2	2.2
11/11/2021 05:30	0.2	2.2
11/11/2021 05:36	0.2	2.2
11/11/2021 05:42	0.2	2.2
11/11/2021 05:48	0.2	2.2
11/11/2021 05:54	0.2	2.2
11/11/2021 06:00	0.2	2.2
11/11/2021 06:06	0.2	2.2
11/11/2021 06:12	0.2	2.2
11/11/2021 06:18	0.2	2.2
11/11/2021 06:24	0.2	2.2
11/11/2021 06:30	0.2	2.2
11/11/2021 06:36	0.2	2.2
11/11/2021 06:42	0.2	2.2
11/11/2021 06:48	0.2	2.2
11/11/2021 06:54	0.3	2.2
11/11/2021 07:00	0.2	2.2
11/11/2021 07:06	0.2	2.2
11/11/2021 07:12	0.3	2.2
11/11/2021 07:18	0.3	2.2
11/11/2021 07:24	0.2	2.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
11/11/2021 07:30	-0.1	2.2
11/11/2021 07:36	-0.3	2.2
11/11/2021 07:42	-0.3	2.2
11/11/2021 07:48	-0.3	2.2
11/11/2021 07:54	-0.3	2.2
11/11/2021 08:00	-0.3	2.2
11/11/2021 08:06	-0.3	2.2
11/11/2021 08:12	-0.4	2.2
11/11/2021 08:18	-0.4	2.2
11/11/2021 08:24	-0.4	2.2
11/11/2021 08:30	-0.4	8.3
11/11/2021 08:36	-0.4	11.1
11/11/2021 08:42	-0.4	3.7
11/11/2021 08:48	-0.4	2
11/11/2021 08:54	-0.4	2
11/11/2021 09:00	-0.4	2
11/11/2021 09:06	-0.4	2
11/11/2021 09:12	-0.3	2
11/11/2021 09:18	-0.4	2
11/11/2021 09:24	-0.4	2
11/11/2021 09:30	-0.4	2
11/11/2021 09:36	-0.4	2
11/11/2021 09:42	-0.4	2
11/11/2021 09:48	-0.4	2
11/11/2021 09:54	-0.4	2
11/11/2021 10:00	-0.3	2
11/11/2021 10:06	0	1.9
11/11/2021 10:12	0.1	1.9
11/11/2021 10:18	0.1	1.9
11/11/2021 10:24	0.1	1.9
11/11/2021 10:30	0.1	1.9
11/11/2021 10:36	0.1	1.9
11/11/2021 10:42	0.1	1.9
11/11/2021 10:48	0.1	1.9
11/11/2021 10:54	0.2	1.9
11/11/2021 11:00	0.1	1.9
11/11/2021 11:06	0.1	1.9
11/11/2021 11:12	0.1	1.9
11/11/2021 11:18	0.1	1.9
11/11/2021 11:24	0.2	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/11/2021 11:30	0.1	1.9
11/11/2021 11:36	0.1	1.9
11/11/2021 11:42	0.1	1.9
11/11/2021 11:48	0.1	1.9
11/11/2021 11:54	0.1	1.9
11/11/2021 12:00	0.2	2
11/11/2021 12:06	0.3	2
11/11/2021 12:12	0.4	2
11/11/2021 12:18	0.4	2
11/11/2021 12:24	0.4	2
11/11/2021 12:30	0.4	2
11/11/2021 12:36	0.4	2
11/11/2021 12:42	0.3	2
11/11/2021 12:48	0.2	2
11/11/2021 12:54	0.1	2
11/11/2021 13:00	0	2
11/11/2021 13:06	0	2
11/11/2021 13:12	0	2
11/11/2021 13:18	0.3	2
11/11/2021 13:24	0.7	2
11/11/2021 13:30	0.7	2
11/11/2021 13:36	0.7	2
11/11/2021 13:42	0.7	2.1
11/11/2021 13:48	0.7	2.1
11/11/2021 13:54	0.7	2
11/11/2021 14:00	0.7	2
11/11/2021 14:06	0.7	2
11/11/2021 14:12	0.7	2
11/11/2021 14:18	0.5	2
11/11/2021 14:24	0.1	2.1
11/11/2021 14:30	0.1	2.1
11/11/2021 14:36	0.2	2.1
11/11/2021 14:42	0.2	2.1
11/11/2021 14:48	0.2	2.1
11/11/2021 14:54	0.2	2
11/11/2021 15:00	0.3	2.1
11/11/2021 15:06	0.3	2.1
11/11/2021 15:12	0.3	2.1
11/11/2021 15:18	0.3	2.1
11/11/2021 15:24	0.3	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/11/2021 15:30	0.3	2.1
11/11/2021 15:36	0.3	2.1
11/11/2021 15:42	0.3	2.1
11/11/2021 15:48	0.3	2.1
11/11/2021 15:54	0.3	2.1
11/11/2021 16:00	0.3	2.1
11/11/2021 16:06	0.3	2.1
11/11/2021 16:12	0.3	2.1
11/11/2021 16:18	0.3	2.1
11/11/2021 16:24	0.3	2.1
11/11/2021 16:30	0.3	2.1
11/11/2021 16:36	0.4	2.1
11/11/2021 16:42	0.5	2.1
11/11/2021 16:48	0.6	2.1
11/11/2021 16:54	0.6	2.1
11/11/2021 17:00	0.6	2.1
11/11/2021 17:06	0.6	2.1
11/11/2021 17:12	0.6	2.1
11/11/2021 17:18	0.6	2.1
11/11/2021 17:24	0.6	2.1
11/11/2021 17:30	0.6	2.1
11/11/2021 17:36	0.6	2.1
11/11/2021 17:42	0.6	2.1
11/11/2021 17:48	0.6	2.1
11/11/2021 17:54	0.7	2.1
11/11/2021 18:00	0.7	2.2
11/11/2021 18:06	0.7	2.2
11/11/2021 18:12	0.7	2.2
11/11/2021 18:18	0.7	2.2
11/11/2021 18:24	0.7	2.2
11/11/2021 18:30	0.7	2.2
11/11/2021 18:36	0.7	2.2
11/11/2021 18:42	0.7	2.2
11/11/2021 18:48	0.7	2.2
11/11/2021 18:54	0.6	2.2
11/11/2021 19:00	0.3	3.1
11/11/2021 19:06	0.2	6.5
11/11/2021 19:12	0.3	5.3
11/11/2021 19:18	0.4	2.2
11/11/2021 19:24	0.4	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/11/2021 19:30	0.4	2.2
11/11/2021 19:36	0.5	2.1
11/11/2021 19:42	0.5	2.1
11/11/2021 19:48	0.5	2.1
11/11/2021 19:54	0.5	2.1
11/11/2021 20:00	0.5	2.1
11/11/2021 20:06	0.5	2.1
11/11/2021 20:12	0.5	2.2
11/11/2021 20:18	0.5	2.2
11/11/2021 20:24	0.6	2.2
11/11/2021 20:30	0.6	2.2
11/11/2021 20:36	0.6	2.2
11/11/2021 20:42	0.6	2.2
11/11/2021 20:48	0.6	2.2
11/11/2021 20:54	0.6	2.2
11/11/2021 21:00	0.6	2.2
11/11/2021 21:06	0.6	2.2
11/11/2021 21:12	0.6	2.2
11/11/2021 21:18	0.6	2.2
11/11/2021 21:24	0.6	2.2
11/11/2021 21:30	0.6	2.2
11/11/2021 21:36	0.7	2.2
11/11/2021 21:42	0.7	2.2
11/11/2021 21:48	0.6	2.2
11/11/2021 21:54	0.6	2.2
11/11/2021 22:00	0.6	2.2
11/11/2021 22:06	0.6	2.2
11/11/2021 22:12	0.7	2.2
11/11/2021 22:18	0.7	2.2
11/11/2021 22:24	0.6	2.2
11/11/2021 22:30	0.6	2.2
11/11/2021 22:36	0.6	2.2
11/11/2021 22:42	0.6	2.2
11/11/2021 22:48	0.6	2.2
11/11/2021 22:54	0.6	2.2
11/11/2021 23:00	0.6	2.2
11/11/2021 23:06	0.6	2.2
11/11/2021 23:12	0.6	2.2
11/11/2021 23:18	0.6	2.2
11/11/2021 23:24	0.6	2.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
11/11/2021 23:30	0.6	2.2
11/11/2021 23:36	0.6	2.2
11/11/2021 23:42	0.6	2.2
11/11/2021 23:48	0.6	2.2
11/11/2021 23:54	0.6	2.2
12/11/2021 00:00	0.6	2.2
12/11/2021 00:06	0.6	2.2
12/11/2021 00:12	0.6	2.2
12/11/2021 00:18	0.6	2.2
12/11/2021 00:24	0.6	2.2
12/11/2021 00:30	0.6	2.2
12/11/2021 00:36	0.6	2.2
12/11/2021 00:42	0.6	2.2
12/11/2021 00:48	0.6	2.2
12/11/2021 00:54	0.6	2.2
12/11/2021 01:00	0.6	2.2
12/11/2021 01:06	0.6	2.2
12/11/2021 01:12	0.6	2.2
12/11/2021 01:18	0.6	2.2
12/11/2021 01:24	0.6	2.2
12/11/2021 01:30	0.6	2.2
12/11/2021 01:36	0.7	2.2
12/11/2021 01:42	0.7	2.2
12/11/2021 01:48	0.7	2.2
12/11/2021 01:54	0.3	2.2
12/11/2021 02:00	0.1	2.2
12/11/2021 02:06	0.1	2.2
12/11/2021 02:12	0.1	2.2
12/11/2021 02:18	0.2	2.2
12/11/2021 02:24	0.5	2.2
12/11/2021 02:30	0.3	2.2
12/11/2021 02:36	0.3	2.2
12/11/2021 02:42	0.2	2.2
12/11/2021 02:48	0.2	2.2
12/11/2021 02:54	0.2	2.2
12/11/2021 03:00	0.2	2.2
12/11/2021 03:06	0.3	2.2
12/11/2021 03:12	0.5	2.2
12/11/2021 03:18	0.5	2.2
12/11/2021 03:24	0.4	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 03:30	-0.1	2.2
12/11/2021 03:36	-0.7	2.2
12/11/2021 03:42	-0.7	2.2
12/11/2021 03:48	-0.6	2.2
12/11/2021 03:54	-0.7	2.2
12/11/2021 04:00	-0.7	2.2
12/11/2021 04:06	-0.7	2.2
12/11/2021 04:12	-0.6	2.2
12/11/2021 04:18	-0.6	2.2
12/11/2021 04:24	-0.6	2.2
12/11/2021 04:30	-0.6	2.2
12/11/2021 04:36	-0.6	2.2
12/11/2021 04:42	-0.6	2.3
12/11/2021 04:48	-0.6	2.3
12/11/2021 04:54	-0.5	2.3
12/11/2021 05:00	-0.5	2.3
12/11/2021 05:06	-0.6	2.3
12/11/2021 05:12	-0.6	2.3
12/11/2021 05:18	-0.6	2.3
12/11/2021 05:24	-0.6	2.3
12/11/2021 05:30	-0.6	2.3
12/11/2021 05:36	-0.6	2.3
12/11/2021 05:42	-0.6	2.3
12/11/2021 05:48	-0.5	2.3
12/11/2021 05:54	-0.5	2.3
12/11/2021 06:00	-0.5	2.3
12/11/2021 06:06	-0.5	2.3
12/11/2021 06:12	-0.5	2.2
12/11/2021 06:18	-0.5	2.2
12/11/2021 06:24	-0.5	2.2
12/11/2021 06:30	-0.5	2.2
12/11/2021 06:36	-0.5	2.2
12/11/2021 06:42	-0.5	2.2
12/11/2021 06:48	-0.5	2.2
12/11/2021 06:54	-0.5	2.2
12/11/2021 07:00	-0.5	2.2
12/11/2021 07:06	-0.5	6
12/11/2021 07:12	-0.6	11.5
12/11/2021 07:18	-0.5	9.4
12/11/2021 07:24	-0.5	4.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 07:30	-0.5	3.7
12/11/2021 07:36	-0.5	3.5
12/11/2021 07:42	-0.5	3.5
12/11/2021 07:48	-0.5	3.5
12/11/2021 07:54	-0.5	3.6
12/11/2021 08:00	-0.5	3.6
12/11/2021 08:06	-0.4	3.8
12/11/2021 08:12	-0.4	3.8
12/11/2021 08:18	-0.4	3.8
12/11/2021 08:24	-0.4	3.7
12/11/2021 08:30	-0.3	3.6
12/11/2021 08:36	-0.3	3.6
12/11/2021 08:42	-0.2	3.7
12/11/2021 08:48	-0.2	3.7
12/11/2021 08:54	-0.2	3.7
12/11/2021 09:00	-0.2	3.7
12/11/2021 09:06	-0.1	3.7
12/11/2021 09:12	0	3.7
12/11/2021 09:18	0.1	3.8
12/11/2021 09:24	0.1	3.8
12/11/2021 09:30	0.1	3.7
12/11/2021 09:36	0.1	3.7
12/11/2021 09:42	0.2	3.7
12/11/2021 09:48	0.2	3.7
12/11/2021 09:54	0.2	3.7
12/11/2021 10:00	0.2	3.7
12/11/2021 10:06	0.1	3.7
12/11/2021 10:12	0.2	3.8
12/11/2021 10:18	0.1	3.8
12/11/2021 10:24	0.1	3.7
12/11/2021 10:30	0	3.7
12/11/2021 10:36	0	3.5
12/11/2021 10:42	-0.1	3.2
12/11/2021 10:48	-0.2	3.7
12/11/2021 10:54	-0.2	4.4
12/11/2021 11:00	-0.2	5.1
12/11/2021 11:06	-0.2	5.1
12/11/2021 11:12	-0.2	5
12/11/2021 11:18	-0.2	5
12/11/2021 11:24	-0.2	5



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 11:30	-0.1	4.9
12/11/2021 11:36	-0.1	5
12/11/2021 11:42	-0.1	5
12/11/2021 11:48	0	5.1
12/11/2021 11:54	0.9	5
12/11/2021 12:00	2	4.8
12/11/2021 12:06	Calib	4.5
12/11/2021 12:12	OutCal	4.6
12/11/2021 12:18	OutCal	4.8
12/11/2021 12:24	OutCal	4.8
12/11/2021 12:30	OutCal	4.1
12/11/2021 12:36	OutCal	3.6
12/11/2021 12:42	OutCal	3.3
12/11/2021 12:48	OutCal	2.7
12/11/2021 12:54	OutCal	2.7
12/11/2021 13:00	OutCal	3.7
12/11/2021 13:06	OutCal	5.1
12/11/2021 13:12	OutCal	5
12/11/2021 13:18	OutCal	4.7
12/11/2021 13:24	OutCal	4.7
12/11/2021 13:30	OutCal	4
12/11/2021 13:36	OutCal	3.2
12/11/2021 13:42	OutCal	3.1
12/11/2021 13:48	OutCal	3.2
12/11/2021 13:54	OutCal	3.2
12/11/2021 14:00	OutCal	3.2
12/11/2021 14:06	OutCal	3.2
12/11/2021 14:12	OutCal	3.2
12/11/2021 14:18	OutCal	3.2
12/11/2021 14:24	OutCal	3.1
12/11/2021 14:30	OutCal	3.1
12/11/2021 14:36	OutCal	3.2
12/11/2021 14:42	OutCal	3.2
12/11/2021 14:48	OutCal	3.2
12/11/2021 14:54	Zero	3.2
12/11/2021 15:00	Calib	3.2
12/11/2021 15:06	Calib	3.2
12/11/2021 15:12	0.2	3.2
12/11/2021 15:18	0.2	3.2
12/11/2021 15:24	0.1	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 15:30	0	3.2
12/11/2021 15:36	-0.3	3.1
12/11/2021 15:42	-0.4	3.1
12/11/2021 15:48	-0.2	3.2
12/11/2021 15:54	-0.6	3.1
12/11/2021 16:00	-0.6	3.4
12/11/2021 16:06	-0.2	4.1
12/11/2021 16:12	-0.2	4.3
12/11/2021 16:18	-0.3	4.3
12/11/2021 16:24	-0.4	4.2
12/11/2021 16:30	-0.7	4
12/11/2021 16:36	-0.9	3.9
12/11/2021 16:42	-0.9	3.9
12/11/2021 16:48	-1	3.8
12/11/2021 16:54	-0.9	3.3
12/11/2021 17:00	-0.9	3
12/11/2021 17:06	-0.9	3
12/11/2021 17:12	-0.9	3.1
12/11/2021 17:18	-0.8	3.2
12/11/2021 17:24	-0.9	3.2
12/11/2021 17:30	-0.9	3.2
12/11/2021 17:36	-0.9	3.3
12/11/2021 17:42	-0.9	3.2
12/11/2021 17:48	-0.9	3.2
12/11/2021 17:54	-0.9	3.2
12/11/2021 18:00	-0.8	3.1
12/11/2021 18:06	-0.8	3.1
12/11/2021 18:12	-0.9	3.1
12/11/2021 18:18	-0.9	3.1
12/11/2021 18:24	-0.9	3.1
12/11/2021 18:30	-0.9	3.1
12/11/2021 18:36	-0.9	3.1
12/11/2021 18:42	-0.9	3.1
12/11/2021 18:48	-1	3
12/11/2021 18:54	-1	3
12/11/2021 19:00	-1	3.1
12/11/2021 19:06	-1	3.1
12/11/2021 19:12	-1	3.1
12/11/2021 19:18	-0.7	3.1
12/11/2021 19:24	-0.4	3.1

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 19:30	-0.8	3
12/11/2021 19:36	-1.1	3
12/11/2021 19:42	-1.1	3
12/11/2021 19:48	-1.1	2.9
12/11/2021 19:54	-1.2	2.9
12/11/2021 20:00	-1.2	2.9
12/11/2021 20:06	-1.2	3
12/11/2021 20:12	-1.1	3
12/11/2021 20:18	-1.1	3
12/11/2021 20:24	-1.1	3
12/11/2021 20:30	-1.1	3
12/11/2021 20:36	-1.1	3
12/11/2021 20:42	-1.1	2.7
12/11/2021 20:48	-1.1	2.6
12/11/2021 20:54	-0.9	2.6
12/11/2021 21:00	-0.6	2.7
12/11/2021 21:06	-0.5	2.7
12/11/2021 21:12	-0.6	2.7
12/11/2021 21:18	-1	3
12/11/2021 21:24	-1	3.3
12/11/2021 21:30	-0.9	3.2
12/11/2021 21:36	-0.8	3.2
12/11/2021 21:42	-0.9	3.5
12/11/2021 21:48	-0.9	3.6
12/11/2021 21:54	-0.9	3.5
12/11/2021 22:00	-0.9	3.4
12/11/2021 22:06	-0.9	3.4
12/11/2021 22:12	-1	3.3
12/11/2021 22:18	-1	3.2
12/11/2021 22:24	-1	3.2
12/11/2021 22:30	-1.5	3.2
12/11/2021 22:36	-1.8	3.2
12/11/2021 22:42	-1.9	3.2
12/11/2021 22:48	-1.9	3.2
12/11/2021 22:54	-2	3.2
12/11/2021 23:00	-1.9	3.2
12/11/2021 23:06	-1.9	3.2
12/11/2021 23:12	-1.9	3.3
12/11/2021 23:18	-1.9	3.4
12/11/2021 23:24	-1.9	3.5

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/11/2021 23:30	-1.9	3.4
12/11/2021 23:36	-1.9	3.4
12/11/2021 23:42	-1.9	3.4
12/11/2021 23:48	-1.9	3.3
12/11/2021 23:54	-1.9	3.4
13/11/2021 00:00	-1.9	3.4
13/11/2021 00:06	-1.9	3.4
13/11/2021 00:12	-1.9	3.3
13/11/2021 00:18	-1.9	3.3
13/11/2021 00:24	-1.9	3.7
13/11/2021 00:30	-1.9	4.1
13/11/2021 00:36	-1.9	3.9
13/11/2021 00:42	-1.9	3.9
13/11/2021 00:48	-1.9	4
13/11/2021 00:54	-1.9	4
13/11/2021 01:00	-1.9	4
13/11/2021 01:06	-1.9	4
13/11/2021 01:12	-1.9	4
13/11/2021 01:18	-1.9	4
13/11/2021 01:24	-1.9	4
13/11/2021 01:30	-1.9	4
13/11/2021 01:36	-1.8	4
13/11/2021 01:42	-1.8	4
13/11/2021 01:48	-1.8	4.1
13/11/2021 01:54	-1.8	4.1
13/11/2021 02:00	-1.9	4.1
13/11/2021 02:06	-1.8	4.1
13/11/2021 02:12	-1.8	4.1
13/11/2021 02:18	-1.8	4.1
13/11/2021 02:24	-1.8	4.1
13/11/2021 02:30	-1.8	4.1
13/11/2021 02:36	-1.8	4.1
13/11/2021 02:42	-1.9	4.1
13/11/2021 02:48	-1.9	4.1
13/11/2021 02:54	-1.9	4.1
13/11/2021 03:00	-1.9	3.9
13/11/2021 03:06	-1.9	3.6
13/11/2021 03:12	-1.9	3.4
13/11/2021 03:18	-1.9	3.4
13/11/2021 03:24	-1.9	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 03:30	-1.9	3.4
13/11/2021 03:36	-1.9	3.7
13/11/2021 03:42	-1.9	4
13/11/2021 03:48	-1.9	4
13/11/2021 03:54	-1.9	4.1
13/11/2021 04:00	-1.9	4.1
13/11/2021 04:06	-1.9	4
13/11/2021 04:12	-1.9	4
13/11/2021 04:18	-1.9	4
13/11/2021 04:24	-1.9	4
13/11/2021 04:30	-1.9	4
13/11/2021 04:36	-1.9	4
13/11/2021 04:42	-1.9	4
13/11/2021 04:48	-1.9	4
13/11/2021 04:54	-1.9	4
13/11/2021 05:00	-1.9	4
13/11/2021 05:06	-1.9	4.1
13/11/2021 05:12	-1.9	4.1
13/11/2021 05:18	-1.9	4
13/11/2021 05:24	-1.9	4
13/11/2021 05:30	-1.9	4.1
13/11/2021 05:36	-1.9	4.1
13/11/2021 05:42	-1.9	4.1
13/11/2021 05:48	-1.9	4.1
13/11/2021 05:54	-1.9	4.1
13/11/2021 06:00	-1.8	4.1
13/11/2021 06:06	-1.8	4.1
13/11/2021 06:12	-1.8	4.1
13/11/2021 06:18	-1.9	4.1
13/11/2021 06:24	-1.9	4.1
13/11/2021 06:30	-1.8	4.1
13/11/2021 06:36	-1.9	4.1
13/11/2021 06:42	-1.8	4.1
13/11/2021 06:48	-1.8	4.1
13/11/2021 06:54	-1.9	4
13/11/2021 07:00	-1.9	4
13/11/2021 07:06	-1.9	4
13/11/2021 07:12	-1.9	4.1
13/11/2021 07:18	-1.9	4.1
13/11/2021 07:24	-1.9	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 07:30	-1.9	4.1
13/11/2021 07:36	-1.9	4
13/11/2021 07:42	-1.9	4.1
13/11/2021 07:48	-1.9	4.1
13/11/2021 07:54	-1.9	4.1
13/11/2021 08:00	-1.9	4.1
13/11/2021 08:06	-1.9	4.1
13/11/2021 08:12	-1.9	4.1
13/11/2021 08:18	-1.9	4.1
13/11/2021 08:24	-1.9	4.1
13/11/2021 08:30	-1.9	4.1
13/11/2021 08:36	-1.9	4.1
13/11/2021 08:42	-1.9	4.1
13/11/2021 08:48	-1.9	4.2
13/11/2021 08:54	-1.9	4.2
13/11/2021 09:00	-1.8	4.2
13/11/2021 09:06	-1.8	4.2
13/11/2021 09:12	-1.8	4.2
13/11/2021 09:18	-1.8	4.2
13/11/2021 09:24	-1.8	4.1
13/11/2021 09:30	-1.8	4.1
13/11/2021 09:36	-1.8	4.1
13/11/2021 09:42	-1.8	4
13/11/2021 09:48	-1.8	4
13/11/2021 09:54	-1.7	4
13/11/2021 10:00	-1.7	4
13/11/2021 10:06	-1.7	4
13/11/2021 10:12	-1.7	4
13/11/2021 10:18	-1.7	4
13/11/2021 10:24	-1.7	3.8
13/11/2021 10:30	-1.7	3.3
13/11/2021 10:36	-1.7	3.4
13/11/2021 10:42	-1.7	3.4
13/11/2021 10:48	-1.7	3.4
13/11/2021 10:54	-1.7	3.4
13/11/2021 11:00	-1.7	3.3
13/11/2021 11:06	-1.7	3.3
13/11/2021 11:12	-1.7	3.3
13/11/2021 11:18	-1.7	3.4
13/11/2021 11:24	-1.7	3.3

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 11:30	-1.7	3.3
13/11/2021 11:36	-1.7	3.3
13/11/2021 11:42	-1.7	3.3
13/11/2021 11:48	-1.7	3.4
13/11/2021 11:54	-1.7	3.4
13/11/2021 12:00	-1.3	3.4
13/11/2021 12:06	0.1	3.7
13/11/2021 12:12	0.1	3.7
13/11/2021 12:18	0.1	3.7
13/11/2021 12:24	0.1	3.7
13/11/2021 12:30	0.1	3.7
13/11/2021 12:36	0.1	3.7
13/11/2021 12:42	0.1	3.7
13/11/2021 12:48	0.1	3.7
13/11/2021 12:54	0.1	3.7
13/11/2021 13:00	0.1	3.7
13/11/2021 13:06	0.1	3.7
13/11/2021 13:12	0.1	3.7
13/11/2021 13:18	0.1	3.7
13/11/2021 13:24	0.1	3.7
13/11/2021 13:30	0.1	3.7
13/11/2021 13:36	0.1	3.7
13/11/2021 13:42	0.1	3.7
13/11/2021 13:48	0.1	3.8
13/11/2021 13:54	0.1	3.8
13/11/2021 14:00	3.1	3.8
13/11/2021 14:06	4.2	3.9
13/11/2021 14:12	1.5	4
13/11/2021 14:18	0.8	4.4
13/11/2021 14:24	0.5	5.2
13/11/2021 14:30	0.4	5.4
13/11/2021 14:36	0.4	5.3
13/11/2021 14:42	0.3	5.2
13/11/2021 14:48	0.2	5.1
13/11/2021 14:54	0.2	5
13/11/2021 15:00	0.1	5
13/11/2021 15:06	0	5.1
13/11/2021 15:12	0	5.2
13/11/2021 15:18	0	5.2
13/11/2021 15:24	-0.1	5.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 15:30	-0.1	5.2
13/11/2021 15:36	-0.1	5.1
13/11/2021 15:42	-0.1	4.5
13/11/2021 15:48	-0.1	4.1
13/11/2021 15:54	-0.1	4.6
13/11/2021 16:00	-0.2	5.2
13/11/2021 16:06	-0.2	5.2
13/11/2021 16:12	-0.2	5.1
13/11/2021 16:18	-0.2	5.1
13/11/2021 16:24	-0.2	5.1
13/11/2021 16:30	-0.2	5.1
13/11/2021 16:36	-0.2	5
13/11/2021 16:42	2.8	5
13/11/2021 16:48	4.6	5
13/11/2021 16:54	1.8	5
13/11/2021 17:00	0.9	5
13/11/2021 17:06	0.9	4.9
13/11/2021 17:12	0.8	4.9
13/11/2021 17:18	0.8	4.9
13/11/2021 17:24	0.8	4.8
13/11/2021 17:30	0.8	4.8
13/11/2021 17:36	0.9	4.9
13/11/2021 17:42	1	4.7
13/11/2021 17:48	1.2	4.4
13/11/2021 17:54	1.5	4.2
13/11/2021 18:00	1.5	4.2
13/11/2021 18:06	0.7	4.2
13/11/2021 18:12	-0.1	4.1
13/11/2021 18:18	-0.4	4.1
13/11/2021 18:24	-0.4	4.1
13/11/2021 18:30	-0.4	4.1
13/11/2021 18:36	-0.4	4.1
13/11/2021 18:42	-0.4	4.1
13/11/2021 18:48	-0.4	4.1
13/11/2021 18:54	-0.4	4.2
13/11/2021 19:00	-0.4	4.5
13/11/2021 19:06	-0.4	4.8
13/11/2021 19:12	-0.4	4.8
13/11/2021 19:18	-0.4	4.8
13/11/2021 19:24	-0.4	4.8



## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 19:30	-0.3	4.8
13/11/2021 19:36	-0.3	4.8
13/11/2021 19:42	-0.4	4.9
13/11/2021 19:48	-0.3	4.7
13/11/2021 19:54	-0.4	4.1
13/11/2021 20:00	-0.3	3.8
13/11/2021 20:06	-0.4	3.8
13/11/2021 20:12	-0.3	3.8
13/11/2021 20:18	-0.3	3.9
13/11/2021 20:24	-0.3	3.9
13/11/2021 20:30	-0.4	3.8
13/11/2021 20:36	-0.4	3.8
13/11/2021 20:42	-0.4	3.7
13/11/2021 20:48	-0.4	3.8
13/11/2021 20:54	-0.4	3.8
13/11/2021 21:00	-0.4	3.7
13/11/2021 21:06	-0.4	3.8
13/11/2021 21:12	-0.4	3.8
13/11/2021 21:18	-0.4	3.7
13/11/2021 21:24	-0.4	3.8
13/11/2021 21:30	-0.4	3.8
13/11/2021 21:36	-0.4	3.8
13/11/2021 21:42	-0.4	3.8
13/11/2021 21:48	-0.4	3.8
13/11/2021 21:54	-0.4	3.8
13/11/2021 22:00	-0.4	3.8
13/11/2021 22:06	-0.4	3.5
13/11/2021 22:12	-0.4	3.3
13/11/2021 22:18	-0.4	3.4
13/11/2021 22:24	-0.4	3.4
13/11/2021 22:30	-0.4	3.4
13/11/2021 22:36	-0.4	3.5
13/11/2021 22:42	-0.4	3.5
13/11/2021 22:48	-0.4	3.5
13/11/2021 22:54	-0.4	3.6
13/11/2021 23:00	-0.4	3.6
13/11/2021 23:06	-0.4	3.6
13/11/2021 23:12	-0.4	3.6
13/11/2021 23:18	-0.4	3.7
13/11/2021 23:24	-0.4	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/11/2021 23:30	-0.4	3.7
13/11/2021 23:36	-0.4	3.7
13/11/2021 23:42	-0.4	3.7
13/11/2021 23:48	-0.4	3.7
13/11/2021 23:54	-0.4	3.8
14/11/2021 00:00	-0.4	3.7
14/11/2021 00:06	-0.4	3.7
14/11/2021 00:12	-0.4	3.7
14/11/2021 00:18	-0.4	3.7
14/11/2021 00:24	-0.4	3.7
14/11/2021 00:30	-0.4	3.7
14/11/2021 00:36	-0.4	3.7
14/11/2021 00:42	-0.4	3.7
14/11/2021 00:48	-0.4	3.7
14/11/2021 00:54	-0.4	3.7
14/11/2021 01:00	-0.4	3.7
14/11/2021 01:06	-0.4	3.8
14/11/2021 01:12	-0.4	3.8
14/11/2021 01:18	-0.4	3.9
14/11/2021 01:24	-0.4	4.4
14/11/2021 01:30	-0.4	5
14/11/2021 01:36	-0.4	5.1
14/11/2021 01:42	-0.4	5.1
14/11/2021 01:48	-0.4	5.1
14/11/2021 01:54	-0.4	5.1
14/11/2021 02:00	-0.4	5
14/11/2021 02:06	-0.4	4.9
14/11/2021 02:12	-0.4	4.8
14/11/2021 02:18	-0.4	4.8
14/11/2021 02:24	-0.4	4.7
14/11/2021 02:30	-0.4	4.7
14/11/2021 02:36	-0.4	4.7
14/11/2021 02:42	-0.4	4.7
14/11/2021 02:48	-0.4	4.7
14/11/2021 02:54	-0.4	4.7
14/11/2021 03:00	-0.4	4.8
14/11/2021 03:06	-0.4	4.8
14/11/2021 03:12	-0.4	4.9
14/11/2021 03:18	-0.4	4.8
14/11/2021 03:24	-0.4	4.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/11/2021 03:30	-0.4	4.9
14/11/2021 03:36	-0.4	4.8
14/11/2021 03:42	-0.4	4.8
14/11/2021 03:48	-0.4	4.8
14/11/2021 03:54	-0.4	4.7
14/11/2021 04:00	-0.4	4.8
14/11/2021 04:06	-0.4	4.8
14/11/2021 04:12	-0.4	4.8
14/11/2021 04:18	-0.4	4.8
14/11/2021 04:24	-0.4	4.7
14/11/2021 04:30	-0.4	4.7
14/11/2021 04:36	-0.4	4.7
14/11/2021 04:42	-0.4	4.7
14/11/2021 04:48	-0.4	4.7
14/11/2021 04:54	-0.4	4.7
14/11/2021 05:00	-0.4	4.7
14/11/2021 05:06	-0.4	4.7
14/11/2021 05:12	-0.4	4.7
14/11/2021 05:18	-0.4	4.7
14/11/2021 05:24	-0.4	4.7
14/11/2021 05:30	-0.4	4.8
14/11/2021 05:36	-0.4	4.9
14/11/2021 05:42	-0.4	4.9
14/11/2021 05:48	-0.4	4.8
14/11/2021 05:54	-0.4	4.8
14/11/2021 06:00	-0.4	4.8
14/11/2021 06:06	-0.4	4.8
14/11/2021 06:12	-0.4	4.8
14/11/2021 06:18	-0.4	4.8
14/11/2021 06:24	-0.4	4.8
14/11/2021 06:30	-0.4	4.9
14/11/2021 06:36	-0.4	4.8
14/11/2021 06:42	-0.4	4.9
14/11/2021 06:48	-0.4	4.9
14/11/2021 06:54	-0.4	4.9
14/11/2021 07:00	-0.4	4.9
14/11/2021 07:06	-0.4	4.8
14/11/2021 07:12	-0.4	4.8
14/11/2021 07:18	-0.4	4.8
14/11/2021 07:24	-0.4	4.8

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
14/11/2021 07:30	-0.4	4.8
14/11/2021 07:36	-0.4	4.8
14/11/2021 07:42	-0.4	4.8
14/11/2021 07:48	-0.4	4.8
14/11/2021 07:54	-0.4	4.8
14/11/2021 08:00	-0.4	4.8
14/11/2021 08:06	-0.4	4.7
14/11/2021 08:12	-0.4	4.7
14/11/2021 08:18	-0.4	4.7
14/11/2021 08:24	-0.4	4.7
14/11/2021 08:30	-0.4	4.7
14/11/2021 08:36	-0.4	4.7
14/11/2021 08:42	-0.4	4.8
14/11/2021 08:48	-0.4	4.8
14/11/2021 08:54	-0.4	4.8
14/11/2021 09:00	-0.4	4.8
14/11/2021 09:06	-0.4	4.8
14/11/2021 09:12	-0.4	4.8
14/11/2021 09:18	-0.3	4.8
14/11/2021 09:24	-0.3	4.8
14/11/2021 09:30	-0.3	4.9
14/11/2021 09:36	-0.3	4.8
14/11/2021 09:42	-0.3	4.8
14/11/2021 09:48	-0.3	4.7
14/11/2021 09:54	-0.3	4.7
14/11/2021 10:00	-0.3	4.8
14/11/2021 10:06	-0.3	4.8
14/11/2021 10:12	-0.3	4.7
14/11/2021 10:18	-0.3	4.7
14/11/2021 10:24	-0.3	4.7
14/11/2021 10:30	-0.3	4.7
14/11/2021 10:36	-0.3	4.7
14/11/2021 10:42	-0.3	4.7
14/11/2021 10:48	-0.3	4.5
14/11/2021 10:54	-0.3	4
14/11/2021 11:00	-0.2	4.1
14/11/2021 11:06	-0.2	4.1
14/11/2021 11:12	-0.2	4.1
14/11/2021 11:18	-0.2	4.2
14/11/2021 11:24	-0.2	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/11/2021 11:30	-0.2	4.2
14/11/2021 11:36	-0.2	4.2
14/11/2021 11:42	-0.2	4.2
14/11/2021 11:48	-0.2	4.3
14/11/2021 11:54	-0.2	4.3
14/11/2021 12:00	-0.3	4.3
14/11/2021 12:06	-0.4	4.4
14/11/2021 12:12	-0.4	4.4
14/11/2021 12:18	-0.4	4.4
14/11/2021 12:24	-0.4	4.4
14/11/2021 12:30	-0.4	4.3
14/11/2021 12:36	-0.4	4.2
14/11/2021 12:42	-0.4	4.2
14/11/2021 12:48	-0.4	4.2
14/11/2021 12:54	-0.4	4.2
14/11/2021 13:00	-0.4	4.3
14/11/2021 13:06	-0.4	4.3
14/11/2021 13:12	-0.4	4.4
14/11/2021 13:18	-0.4	4.3
14/11/2021 13:24	-0.4	4.3
14/11/2021 13:30	-0.4	4.3
14/11/2021 13:36	-0.4	4.2
14/11/2021 13:42	-0.4	4.3
14/11/2021 13:48	-0.4	4.3
14/11/2021 13:54	-0.4	4.3
14/11/2021 14:00	-0.4	4.3
14/11/2021 14:06	-0.4	4.3
14/11/2021 14:12	-0.4	4.3
14/11/2021 14:18	-0.4	4.3
14/11/2021 14:24	-0.4	4.3
14/11/2021 14:30	-0.4	4.3
14/11/2021 14:36	-0.4	4.2
14/11/2021 14:42	-0.4	4.3
14/11/2021 14:48	-0.5	4.3
14/11/2021 14:54	-0.5	4.3
14/11/2021 15:00	-0.4	4.3
14/11/2021 15:06	-0.4	4.3
14/11/2021 15:12	-0.4	4.3
14/11/2021 15:18	-0.5	4.3
14/11/2021 15:24	-0.5	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/11/2021 15:30	-0.5	4.3
14/11/2021 15:36	-0.5	4.3
14/11/2021 15:42	-0.5	4.3
14/11/2021 15:48	-0.5	4.3
14/11/2021 15:54	-0.5	4.3
14/11/2021 16:00	-0.5	4.3
14/11/2021 16:06	-0.5	4.3
14/11/2021 16:12	-0.5	4.2
14/11/2021 16:18	-0.5	4.2
14/11/2021 16:24	-0.5	4.3
14/11/2021 16:30	-0.5	4.3
14/11/2021 16:36	-0.5	4.3
14/11/2021 16:42	-0.5	4.3
14/11/2021 16:48	-0.5	4.3
14/11/2021 16:54	-0.5	4.3
14/11/2021 17:00	-0.5	4.3
14/11/2021 17:06	-0.5	4.3
14/11/2021 17:12	-0.5	4.2
14/11/2021 17:18	-0.5	4.3
14/11/2021 17:24	-0.5	4.3
14/11/2021 17:30	-0.5	4.3
14/11/2021 17:36	-0.5	4.2
14/11/2021 17:42	-0.5	4.2
14/11/2021 17:48	-0.5	4.3
14/11/2021 17:54	-0.5	4.2
14/11/2021 18:00	-0.5	4.2
14/11/2021 18:06	-0.5	4.1
14/11/2021 18:12	-0.5	4.1
14/11/2021 18:18	-0.5	4.2
14/11/2021 18:24	-0.5	4.2
14/11/2021 18:30	-0.5	4.2
14/11/2021 18:36	-0.5	4.2
14/11/2021 18:42	-0.5	4.2
14/11/2021 18:48	-0.5	4.2
14/11/2021 18:54	-0.5	4.2
14/11/2021 19:00	-0.5	4.2
14/11/2021 19:06	-0.5	4.2
14/11/2021 19:12	-0.5	4.2
14/11/2021 19:18	-0.5	4.2
14/11/2021 19:24	-0.5	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/11/2021 19:30	-0.5	4.2
14/11/2021 19:36	-0.5	4.2
14/11/2021 19:42	-0.5	4.2
14/11/2021 19:48	-0.5	4.3
14/11/2021 19:54	-0.5	4.3
14/11/2021 20:00	-0.5	4.2
14/11/2021 20:06	-0.5	4.3
14/11/2021 20:12	-0.5	4.3
14/11/2021 20:18	-0.5	4.3
14/11/2021 20:24	-0.5	4.8
14/11/2021 20:30	-0.5	5.1
14/11/2021 20:36	-0.5	4.8
14/11/2021 20:42	-0.5	4.8
14/11/2021 20:48	-0.5	4.7
14/11/2021 20:54	-0.5	4.7
14/11/2021 21:00	-0.5	4.7
14/11/2021 21:06	-0.5	4.7
14/11/2021 21:12	-0.5	4.4
14/11/2021 21:18	-0.5	4.1
14/11/2021 21:24	-0.5	4
14/11/2021 21:30	-0.5	4
14/11/2021 21:36	-0.5	4
14/11/2021 21:42	-0.5	4
14/11/2021 21:48	-0.5	4.1
14/11/2021 21:54	-0.5	4.1
14/11/2021 22:00	-0.5	4.1
14/11/2021 22:06	-0.5	4.1
14/11/2021 22:12	-0.5	4.1
14/11/2021 22:18	-0.5	4.1
14/11/2021 22:24	-0.5	4.1
14/11/2021 22:30	-0.5	4.1
14/11/2021 22:36	-0.5	4.1
14/11/2021 22:42	-0.5	4.1
14/11/2021 22:48	-0.5	4.1
14/11/2021 22:54	-0.5	4.1
14/11/2021 23:00	-0.5	4.1
14/11/2021 23:06	-0.5	4.1
14/11/2021 23:12	-0.5	4.2
14/11/2021 23:18	-0.5	4.1
14/11/2021 23:24	-0.5	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/11/2021 23:30	-0.5	4.1
14/11/2021 23:36	-0.5	4.1
14/11/2021 23:42	-0.5	4.1
14/11/2021 23:48	-0.5	4.1
14/11/2021 23:54	-0.5	4.2
15/11/2021 00:00	-0.5	4.2
15/11/2021 00:06	-0.5	4.2
15/11/2021 00:12	-0.5	4.2
15/11/2021 00:18	-0.5	4.1
15/11/2021 00:24	-0.5	4.2
15/11/2021 00:30	-0.5	4.2
15/11/2021 00:36	-0.5	4.2
15/11/2021 00:42	-0.5	4.1
15/11/2021 00:48	-0.5	4.1
15/11/2021 00:54	-0.5	4.2
15/11/2021 01:00	-0.5	4.2
15/11/2021 01:06	-0.5	4.2
15/11/2021 01:12	-0.5	4.1
15/11/2021 01:18	-0.5	4.1
15/11/2021 01:24	-0.5	4.2
15/11/2021 01:30	-0.5	4.2
15/11/2021 01:36	-0.5	4.2
15/11/2021 01:42	-0.5	4.2
15/11/2021 01:48	-0.5	4.2
15/11/2021 01:54	-0.5	4.2
15/11/2021 02:00	-0.5	4.2
15/11/2021 02:06	-0.5	4.2
15/11/2021 02:12	-0.5	4.2
15/11/2021 02:18	-0.5	4.2
15/11/2021 02:24	-0.5	4.2
15/11/2021 02:30	-0.5	4.2
15/11/2021 02:36	-0.5	4.2
15/11/2021 02:42	-0.5	4.2
15/11/2021 02:48	-0.5	4.2
15/11/2021 02:54	-0.5	4.2
15/11/2021 03:00	-0.5	4.4
15/11/2021 03:06	-0.5	4.8
15/11/2021 03:12	-0.5	4.9
15/11/2021 03:18	-0.5	4.9
15/11/2021 03:24	-0.5	4.9



## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
15/11/2021 03:30	-0.5	4.8
15/11/2021 03:36	-0.5	4.8
15/11/2021 03:42	-0.5	4.8
15/11/2021 03:48	-0.5	4.8
15/11/2021 03:54	-0.5	4.8
15/11/2021 04:00	-0.5	4.8
15/11/2021 04:06	-0.5	4.8
15/11/2021 04:12	-0.5	4.8
15/11/2021 04:18	-0.5	4.8
15/11/2021 04:24	-0.5	4.8
15/11/2021 04:30	-0.5	4.7
15/11/2021 04:36	-0.5	4.7
15/11/2021 04:42	-0.5	4.8
15/11/2021 04:48	-0.5	4.8
15/11/2021 04:54	-0.5	4.8
15/11/2021 05:00	-0.5	4.8
15/11/2021 05:06	-0.5	4.8
15/11/2021 05:12	-0.5	4.8
15/11/2021 05:18	-0.5	4.8
15/11/2021 05:24	-0.5	4.7
15/11/2021 05:30	-0.5	4.8
15/11/2021 05:36	-0.5	4.7
15/11/2021 05:42	-0.5	4.7
15/11/2021 05:48	-0.5	4.7
15/11/2021 05:54	-0.5	4.7
15/11/2021 06:00	-0.5	4.7
15/11/2021 06:06	-0.5	4.7
15/11/2021 06:12	-0.5	4.7
15/11/2021 06:18	-0.5	4.7
15/11/2021 06:24	-0.5	4.7
15/11/2021 06:30	-0.5	4.7
15/11/2021 06:36	-0.5	4.7
15/11/2021 06:42	-0.5	4.7
15/11/2021 06:48	-0.5	4.7
15/11/2021 06:54	-0.5	4.7
15/11/2021 07:00	-0.5	4.7
15/11/2021 07:06	-0.5	4.7
15/11/2021 07:12	-0.5	4.8
15/11/2021 07:18	-0.5	4.7
15/11/2021 07:24	-0.5	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/11/2021 07:30	-0.5	3.6
15/11/2021 07:36	-0.5	3.6
15/11/2021 07:42	-0.5	3.5
15/11/2021 07:48	-0.5	3.6
15/11/2021 07:54	-0.5	3.6
15/11/2021 08:00	1.7	3.6
15/11/2021 08:06	4.1	3.6
15/11/2021 08:12	6.4	3.7
15/11/2021 08:18	5	3.7
15/11/2021 08:24	3.8	3.7
15/11/2021 08:30	3.2	3.6
15/11/2021 08:36	3.1	3.6
15/11/2021 08:42	2.8	3.6
15/11/2021 08:48	2.5	3.6
15/11/2021 08:54	2	3.6
15/11/2021 09:00	1.2	3.5
15/11/2021 09:06	0.7	3.6
15/11/2021 09:12	0.5	3.6
15/11/2021 09:18	0.4	3.6
15/11/2021 09:24	0.4	3.6
15/11/2021 09:30	0.4	3.6
15/11/2021 09:36	0.4	3.5
15/11/2021 09:42	0.4	3.5
15/11/2021 09:48	0.4	3.6
15/11/2021 09:54	0.4	3.7
15/11/2021 10:00	0.4	3.6
15/11/2021 10:06	0.4	3.6
15/11/2021 10:12	0.4	3.6
15/11/2021 10:18	0.4	3.6
15/11/2021 10:24	0.5	3.6
15/11/2021 10:30	0.5	3.6
15/11/2021 10:36	0.6	3.6
15/11/2021 10:42	0.6	3.6
15/11/2021 10:48	0.7	3.6
15/11/2021 10:54	0.5	3.6
15/11/2021 11:00	0.4	3.6
15/11/2021 11:06	0.4	3.6
15/11/2021 11:12	0.4	3.5
15/11/2021 11:18	0.4	3.5
15/11/2021 11:24	0.6	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:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/11/2021 11:30	0.8	3.5
15/11/2021 11:36	0.9	3.5
15/11/2021 11:42	0.9	3.6
15/11/2021 11:48	0.9	3.6
15/11/2021 11:54	0.9	3.5
15/11/2021 12:00	0.9	3.6
15/11/2021 12:06	0.9	3.5
15/11/2021 12:12	0.9	3.5
15/11/2021 12:18	0.9	3.6
15/11/2021 12:24	0.8	3.6
15/11/2021 12:30	0.6	3.6
15/11/2021 12:36	0.6	3.6
15/11/2021 12:42	0.6	3.6
15/11/2021 12:48	0.6	3.6
15/11/2021 12:54	0.6	3.6
15/11/2021 13:00	0.6	3.5
15/11/2021 13:06	0.6	3.5
15/11/2021 13:12	0.8	3.5
15/11/2021 13:18	1	3.5
15/11/2021 13:24	1	3.6
15/11/2021 13:30	0.9	3.6
15/11/2021 13:36	1	3.5
15/11/2021 13:42	0.9	3.6
15/11/2021 13:48	0.9	3.5
15/11/2021 13:54	1	3.6
15/11/2021 14:00	1	3.6
15/11/2021 14:06	1	3.5
15/11/2021 14:12	1	3.5
15/11/2021 14:18	1	3.5
15/11/2021 14:24	1	3.5
15/11/2021 14:30	1	3.5
15/11/2021 14:36	1	3.5
15/11/2021 14:42	1	3.5
15/11/2021 14:48	1	3.5
15/11/2021 14:54	1	3.5
15/11/2021 15:00	1	3.5
15/11/2021 15:06	1	3.5
15/11/2021 15:12	1	3.5
15/11/2021 15:18	1	3.5
15/11/2021 15:24	1	3.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/11/2021 15:30	1	3.5
15/11/2021 15:36	1	3.5
15/11/2021 15:42	1	3.5
15/11/2021 15:48	1	3.5
15/11/2021 15:54	1	3.5
15/11/2021 16:00	1.1	3.5
15/11/2021 16:06	0.9	3.5
15/11/2021 16:12	0.7	3.5
15/11/2021 16:18	0.6	3.5
15/11/2021 16:24	0.6	3.5
15/11/2021 16:30	0.7	3.5
15/11/2021 16:36	0.7	3.6
15/11/2021 16:42	0.7	3.6
15/11/2021 16:48	0.6	3.5
15/11/2021 16:54	0.6	3.5
15/11/2021 17:00	0.6	3.6
15/11/2021 17:06	0.7	3.6
15/11/2021 17:12	0.7	3.6
15/11/2021 17:18	0.7	3.6
15/11/2021 17:24	0.7	3.6
15/11/2021 17:30	0.7	3.6
15/11/2021 17:36	0.7	3.6
15/11/2021 17:42	0.7	3.6
15/11/2021 17:48	0.7	3.6
15/11/2021 17:54	0.7	3.6
15/11/2021 18:00	0.7	3.6
15/11/2021 18:06	0.7	3.6
15/11/2021 18:12	0.7	3.6
15/11/2021 18:18	0.7	3.6
15/11/2021 18:24	0.7	3.6
15/11/2021 18:30	0.7	3.7
15/11/2021 18:36	0.7	3.7
15/11/2021 18:42	0.4	3.6
15/11/2021 18:48	0.3	3.5
15/11/2021 18:54	0.4	3.5
15/11/2021 19:00	0.4	3.5
15/11/2021 19:06	0.4	3.5
15/11/2021 19:12	0.5	3.6
15/11/2021 19:18	0.5	3.6
15/11/2021 19:24	0.5	3.5

## 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 4
	%	%
15/11/2021 19:30	0.5	3.5
15/11/2021 19:36	0.5	3.6
15/11/2021 19:42	0.5	3.6
15/11/2021 19:48	0.5	3.6
15/11/2021 19:54	0.5	3.6
15/11/2021 20:00	0.6	3.6
15/11/2021 20:06	0.6	3.7
15/11/2021 20:12	0.6	3.7
15/11/2021 20:18	0.5	3.7
15/11/2021 20:24	0.5	3.7
15/11/2021 20:30	0.6	3.7
15/11/2021 20:36	0.6	3.7
15/11/2021 20:42	0.6	3.7
15/11/2021 20:48	0.6	3.7
15/11/2021 20:54	0.6	3.7
15/11/2021 21:00	0.6	3.7
15/11/2021 21:06	0.6	3.7
15/11/2021 21:12	0.6	3.3
15/11/2021 21:18	0.6	2.4
15/11/2021 21:24	0.6	2.1
15/11/2021 21:30	0.5	2.1
15/11/2021 21:36	0.5	2.1
15/11/2021 21:42	0.5	2.1
15/11/2021 21:48	0.4	2.1
15/11/2021 21:54	0.2	2.1
15/11/2021 22:00	0.2	2.1
15/11/2021 22:06	0.2	2.1
15/11/2021 22:12	0.2	2.1
15/11/2021 22:18	0.2	2.1
15/11/2021 22:24	0.2	2.1
15/11/2021 22:30	0.2	2.1
15/11/2021 22:36	0.2	2.1
15/11/2021 22:42	0.2	2.1
15/11/2021 22:48	0.2	2.1
15/11/2021 22:54	0.2	2.1
15/11/2021 23:00	0.2	2.1
15/11/2021 23:06	0.2	2.1
15/11/2021 23:12	0.2	2.1
15/11/2021 23:18	0.2	2.1
15/11/2021 23:24	0.2	2.1

## 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 4
	%	%
15/11/2021 23:30	0.3	2.1
15/11/2021 23:36	0.3	2.1
15/11/2021 23:42	0.3	2.1
15/11/2021 23:48	0.3	2.1
15/11/2021 23:54	0.3	2.1
16/11/2021 00:00	0.3	2.1
16/11/2021 00:06	0.3	2.1
16/11/2021 00:12	0.3	2.1
16/11/2021 00:18	0	2.1
16/11/2021 00:24	-0.5	2.1
16/11/2021 00:30	-0.6	2.1
16/11/2021 00:36	-0.7	2.1
16/11/2021 00:42	-0.6	2.1
16/11/2021 00:48	-0.6	2.1
16/11/2021 00:54	-0.6	2.1
16/11/2021 01:00	-0.6	2.1
16/11/2021 01:06	-0.6	2.1
16/11/2021 01:12	-0.6	2.1
16/11/2021 01:18	-0.6	2.1
16/11/2021 01:24	-0.6	2.1
16/11/2021 01:30	-0.7	2.2
16/11/2021 01:36	-0.7	2.2
16/11/2021 01:42	-0.6	2.1
16/11/2021 01:48	-0.7	2.1
16/11/2021 01:54	-0.7	2.1
16/11/2021 02:00	-0.7	2.1
16/11/2021 02:06	-0.7	2.1
16/11/2021 02:12	-0.6	2.1
16/11/2021 02:18	-0.7	2.1
16/11/2021 02:24	-0.7	2.1
16/11/2021 02:30	-0.7	2.1
16/11/2021 02:36	-0.6	2.2
16/11/2021 02:42	-0.6	2.2
16/11/2021 02:48	-0.6	2.2
16/11/2021 02:54	-0.6	2.2
16/11/2021 03:00	-0.6	2.2
16/11/2021 03:06	-0.7	2.2
16/11/2021 03:12	-0.7	2.1
16/11/2021 03:18	-0.6	2.2
16/11/2021 03:24	-0.6	2.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
16/11/2021 03:30	-0.6	2.2
16/11/2021 03:36	-0.7	2.2
16/11/2021 03:42	-0.7	2.2
16/11/2021 03:48	-0.6	2.2
16/11/2021 03:54	-0.7	2.2
16/11/2021 04:00	-0.6	2.2
16/11/2021 04:06	-0.6	2.2
16/11/2021 04:12	-0.6	2.2
16/11/2021 04:18	-0.6	2.2
16/11/2021 04:24	-0.6	2.2
16/11/2021 04:30	-0.7	2.2
16/11/2021 04:36	-0.7	2.2
16/11/2021 04:42	-0.6	2.2
16/11/2021 04:48	-0.6	2.2
16/11/2021 04:54	-0.7	2.2
16/11/2021 05:00	-0.6	2.2
16/11/2021 05:06	-0.6	2.2
16/11/2021 05:12	-0.7	2.2
16/11/2021 05:18	-0.7	2.2
16/11/2021 05:24	-0.7	2.2
16/11/2021 05:30	-0.7	2.2
16/11/2021 05:36	-0.6	2.2
16/11/2021 05:42	-0.7	2.3
16/11/2021 05:48	-0.7	2.3
16/11/2021 05:54	-0.7	2.3
16/11/2021 06:00	-0.7	2.3
16/11/2021 06:06	-0.7	2.3
16/11/2021 06:12	-0.6	2.3
16/11/2021 06:18	-0.6	2.3
16/11/2021 06:24	-0.7	2.3
16/11/2021 06:30	-0.7	2.3
16/11/2021 06:36	-0.7	2.3
16/11/2021 06:42	-0.7	2.3
16/11/2021 06:48	-0.7	2.3
16/11/2021 06:54	-0.7	2.3
16/11/2021 07:00	-0.7	2.3
16/11/2021 07:06	-0.7	2.3
16/11/2021 07:12	-0.7	2.3
16/11/2021 07:18	0.3	2.3
16/11/2021 07:24	1.4	2.3

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/11/2021 07:30	1.3	2.3
16/11/2021 07:36	0.9	7.9
16/11/2021 07:42	0.5	10.1
16/11/2021 07:48	0.8	4.9
16/11/2021 07:54	1.1	3.7
16/11/2021 08:00	0.9	3.6
16/11/2021 08:06	0.7	3.5
16/11/2021 08:12	0.9	3.5
16/11/2021 08:18	1.1	3.5
16/11/2021 08:24	1.1	3.5
16/11/2021 08:30	0.9	3.5
16/11/2021 08:36	0.4	3.5
16/11/2021 08:42	0.2	3.5
16/11/2021 08:48	0.2	3.4
16/11/2021 08:54	0.2	3.4
16/11/2021 09:00	0.6	3.4
16/11/2021 09:06	0.8	3.5
16/11/2021 09:12	0.4	3.5
16/11/2021 09:18	0.2	3.5
16/11/2021 09:24	0.3	3.4
16/11/2021 09:30	0.3	3.4
16/11/2021 09:36	0.3	3.5
16/11/2021 09:42	0.3	3.5
16/11/2021 09:48	0.3	3.5
16/11/2021 09:54	0.3	3.4
16/11/2021 10:00	0.3	3.4
16/11/2021 10:06	0.4	3.4
16/11/2021 10:12	0.4	3.5
16/11/2021 10:18	0.4	3.5
16/11/2021 10:24	0.4	3.5
16/11/2021 10:30	0.4	3.5
16/11/2021 10:36	0.5	3.5
16/11/2021 10:42	0.5	3.4
16/11/2021 10:48	0.5	3.3
16/11/2021 10:54	0.8	3.3
16/11/2021 11:00	1.1	3.3
16/11/2021 11:06	1.1	3.3
16/11/2021 11:12	1.1	3.3
16/11/2021 11:18	1.2	3.3
16/11/2021 11:24	1.2	3.4



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/11/2021 11:30	1.2	3.4
16/11/2021 11:36	1.2	3.4
16/11/2021 11:42	1.2	3.4
16/11/2021 11:48	1.2	3.4
16/11/2021 11:54	1.2	3.5
16/11/2021 12:00	1.1	3.5
16/11/2021 12:06	0.5	3.5
16/11/2021 12:12	0.5	3.5
16/11/2021 12:18	0.6	3.5
16/11/2021 12:24	0.6	3.5
16/11/2021 12:30	0.6	3.5
16/11/2021 12:36	0.6	3.5
16/11/2021 12:42	0.6	3.6
16/11/2021 12:48	0.7	3.5
16/11/2021 12:54	1	3.5
16/11/2021 13:00	1.1	3.6
16/11/2021 13:06	0.7	3.6
16/11/2021 13:12	0.4	3.6
16/11/2021 13:18	0.4	3.5
16/11/2021 13:24	0.4	3.6
16/11/2021 13:30	0.7	3.6
16/11/2021 13:36	1	3.6
16/11/2021 13:42	1	3.6
16/11/2021 13:48	1	3.5
16/11/2021 13:54	1	3.6
16/11/2021 14:00	1	3.6
16/11/2021 14:06	1	3.6
16/11/2021 14:12	1	3.6
16/11/2021 14:18	1	3.6
16/11/2021 14:24	1	3.6
16/11/2021 14:30	1	3.6
16/11/2021 14:36	1	3.6
16/11/2021 14:42	1	3.6
16/11/2021 14:48	1	3.6
16/11/2021 14:54	1	3.6
16/11/2021 15:00	1	3.7
16/11/2021 15:06	1	3.7
16/11/2021 15:12	1	3.7
16/11/2021 15:18	1.1	3.7
16/11/2021 15:24	1	3.7

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
16/11/2021 15:30	0.9	3.7
16/11/2021 15:36	0.5	3.7
16/11/2021 15:42	0.3	3.7
16/11/2021 15:48	0.3	3.7
16/11/2021 15:54	0.3	3.7
16/11/2021 16:00	0.3	3.8
16/11/2021 16:06	0.3	3.8
16/11/2021 16:12	0.3	3.8
16/11/2021 16:18	0.4	3.8
16/11/2021 16:24	0.4	3.8
16/11/2021 16:30	0.4	3.7
16/11/2021 16:36	0.4	3.7
16/11/2021 16:42	0.4	3.7
16/11/2021 16:48	0.5	3.6
16/11/2021 16:54	0.4	3.6
16/11/2021 17:00	0.4	3.7
16/11/2021 17:06	0.4	3.7
16/11/2021 17:12	0.5	3.7
16/11/2021 17:18	0.4	3.8
16/11/2021 17:24	0.4	3.8
16/11/2021 17:30	0.4	3.8
16/11/2021 17:36	0.4	3.8
16/11/2021 17:42	0.4	3.8
16/11/2021 17:48	0.4	3.8
16/11/2021 17:54	0.4	3.8
16/11/2021 18:00	0.4	3.6
16/11/2021 18:06	0.3	3.6
16/11/2021 18:12	0.3	3.9
16/11/2021 18:18	0.3	4
16/11/2021 18:24	0.3	4.1
16/11/2021 18:30	0.3	4.1
16/11/2021 18:36	0.3	4.1
16/11/2021 18:42	0.3	4.1
16/11/2021 18:48	0.3	4
16/11/2021 18:54	0.3	4
16/11/2021 19:00	0.3	4
16/11/2021 19:06	0.3	4.1
16/11/2021 19:12	0.3	4.1
16/11/2021 19:18	0.3	4.1
16/11/2021 19:24	0.3	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/11/2021 19:30	0.3	3.9
16/11/2021 19:36	0.3	3.8
16/11/2021 19:42	0.3	3.8
16/11/2021 19:48	0.3	3.8
16/11/2021 19:54	0.3	3.8
16/11/2021 20:00	0.3	3.8
16/11/2021 20:06	0.3	3.8
16/11/2021 20:12	0.3	3.8
16/11/2021 20:18	0.3	3.8
16/11/2021 20:24	0.3	3.8
16/11/2021 20:30	0.3	3.8
16/11/2021 20:36	0.2	3.8
16/11/2021 20:42	0.2	3.7
16/11/2021 20:48	0.2	3.7
16/11/2021 20:54	0.3	3.7
16/11/2021 21:00	0.3	3.7
16/11/2021 21:06	0.3	3.7
16/11/2021 21:12	0.2	3.7
16/11/2021 21:18	0.2	3.7
16/11/2021 21:24	0.2	3.7
16/11/2021 21:30	0.3	3.7
16/11/2021 21:36	0.3	3.8
16/11/2021 21:42	0.2	3.8
16/11/2021 21:48	0.2	3.8
16/11/2021 21:54	0.2	3.8
16/11/2021 22:00	0.2	3.7
16/11/2021 22:06	0.2	3.8
16/11/2021 22:12	0.3	3.8
16/11/2021 22:18	0.2	3.8
16/11/2021 22:24	0.2	3.8
16/11/2021 22:30	0.3	3.7
16/11/2021 22:36	0.3	3.7
16/11/2021 22:42	0.3	3.7
16/11/2021 22:48	0.3	3.7
16/11/2021 22:54	0.3	3.8
16/11/2021 23:00	0.3	3.7
16/11/2021 23:06	0.3	3.7
16/11/2021 23:12	0.3	3.7
16/11/2021 23:18	0.3	3.7
16/11/2021 23:24	0.3	3.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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**Data Group:** Valid Data  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/11/2021 23:30	0.3	3.7
16/11/2021 23:36	0.2	3.7
16/11/2021 23:42	0.3	3.7
16/11/2021 23:48	0.3	3.7
16/11/2021 23:54	0.3	3.7
17/11/2021 00:00	0.3	3.7
17/11/2021 00:06	0.3	3.7
17/11/2021 00:12	0.3	3.8
17/11/2021 00:18	0.3	3.8
17/11/2021 00:24	0.3	3.8
17/11/2021 00:30	0.3	3.8
17/11/2021 00:36	0.3	3.8
17/11/2021 00:42	0.3	3.7
17/11/2021 00:48	0.4	3.7
17/11/2021 00:54	0.4	3.8
17/11/2021 01:00	0.4	3.7
17/11/2021 01:06	0.4	3.7
17/11/2021 01:12	0.4	3.7
17/11/2021 01:18	0.4	3.7
17/11/2021 01:24	0.4	3.6
17/11/2021 01:30	0.5	2.5
17/11/2021 01:36	0.3	1.9
17/11/2021 01:42	0.2	2
17/11/2021 01:48	0.2	1.9
17/11/2021 01:54	0.2	1.9
17/11/2021 02:00	0.2	2
17/11/2021 02:06	0.2	2
17/11/2021 02:12	0.2	2
17/11/2021 02:18	0.2	2
17/11/2021 02:24	0.1	2
17/11/2021 02:30	0.1	2
17/11/2021 02:36	0.1	2
17/11/2021 02:42	0.1	2
17/11/2021 02:48	0.1	2
17/11/2021 02:54	0.1	2
17/11/2021 03:00	0.1	2
17/11/2021 03:06	0.1	2
17/11/2021 03:12	0.1	2
17/11/2021 03:18	0.1	2
17/11/2021 03:24	0.1	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/11/2021 03:30	0.1	2
17/11/2021 03:36	0.1	2
17/11/2021 03:42	0.1	2
17/11/2021 03:48	0.1	2
17/11/2021 03:54	0.1	2
17/11/2021 04:00	0.2	2
17/11/2021 04:06	0.2	2
17/11/2021 04:12	0.1	2
17/11/2021 04:18	0.1	2
17/11/2021 04:24	0.2	2.1
17/11/2021 04:30	0.1	2
17/11/2021 04:36	0.1	2
17/11/2021 04:42	0.1	2
17/11/2021 04:48	0.1	2
17/11/2021 04:54	0.1	2
17/11/2021 05:00	0.1	2
17/11/2021 05:06	0.3	2
17/11/2021 05:12	0.4	2
17/11/2021 05:18	0.4	2
17/11/2021 05:24	0.3	2
17/11/2021 05:30	0.3	2
17/11/2021 05:36	0.4	2
17/11/2021 05:42	0.4	2
17/11/2021 05:48	0.4	2
17/11/2021 05:54	0.4	2
17/11/2021 06:00	0.4	2
17/11/2021 06:06	0.3	2
17/11/2021 06:12	0.3	2
17/11/2021 06:18	0.4	2
17/11/2021 06:24	0.4	2
17/11/2021 06:30	0.4	2
17/11/2021 06:36	0.4	2
17/11/2021 06:42	0.4	2
17/11/2021 06:48	0.4	2
17/11/2021 06:54	0.4	2.1
17/11/2021 07:00	0.4	2.1
17/11/2021 07:06	0.5	2.1
17/11/2021 07:12	0.5	2.1
17/11/2021 07:18	0.5	2.1
17/11/2021 07:24	0.5	2.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
17/11/2021 07:30	0.5	2.1
17/11/2021 07:36	0.5	2.1
17/11/2021 07:42	0.6	4.9
17/11/2021 07:48	0.5	6.5
17/11/2021 07:54	0.4	3.9
17/11/2021 08:00	0.3	3.6
17/11/2021 08:06	0.2	3.5
17/11/2021 08:12	0.2	3.5
17/11/2021 08:18	0.2	3.6
17/11/2021 08:24	0.3	3.6
17/11/2021 08:30	0.3	3.7
17/11/2021 08:36	0.4	3.7
17/11/2021 08:42	0.5	3.7
17/11/2021 08:48	0.5	3.7
17/11/2021 08:54	0.3	3.6
17/11/2021 09:00	0.2	3.5
17/11/2021 09:06	0.2	3.5
17/11/2021 09:12	0.3	3.5
17/11/2021 09:18	0.3	3.5
17/11/2021 09:24	0.3	3.5
17/11/2021 09:30	0.3	3.6
17/11/2021 09:36	0.3	3.6
17/11/2021 09:42	0.3	3.5
17/11/2021 09:48	0.4	3.5
17/11/2021 09:54	0.4	3.5
17/11/2021 10:00	0.4	3.6
17/11/2021 10:06	0.3	3.6
17/11/2021 10:12	0.3	3.6
17/11/2021 10:18	0.4	3.5
17/11/2021 10:24	0.4	3.6
17/11/2021 10:30	0.4	3.6
17/11/2021 10:36	0.4	3.7
17/11/2021 10:42	0.4	3.7
17/11/2021 10:48	0.4	3.6
17/11/2021 10:54	0.4	3.6
17/11/2021 11:00	0.4	3.6
17/11/2021 11:06	0.5	3.7
17/11/2021 11:12	0.5	3.7
17/11/2021 11:18	0.5	3.6
17/11/2021 11:24	0.4	3.7

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/11/2021 11:30	0.4	3.7
17/11/2021 11:36	0.4	3.7
17/11/2021 11:42	0.5	3.7
17/11/2021 11:48	0.5	3.7
17/11/2021 11:54	0.5	3.7
17/11/2021 12:00	0.5	3.6
17/11/2021 12:06	0.5	3.6
17/11/2021 12:12	0.5	3.6
17/11/2021 12:18	0.5	3.6
17/11/2021 12:24	0.5	3.6
17/11/2021 12:30	0.5	3.6
17/11/2021 12:36	0.5	3.5
17/11/2021 12:42	0.5	3.5
17/11/2021 12:48	0.5	3.5
17/11/2021 12:54	0.5	3.6
17/11/2021 13:00	0.5	3.6
17/11/2021 13:06	0.8	3.7
17/11/2021 13:12	1.3	3.6
17/11/2021 13:18	1.3	3.6
17/11/2021 13:24	1.2	3.6
17/11/2021 13:30	1.2	3.6
17/11/2021 13:36	1.1	3.6
17/11/2021 13:42	1.1	3.6
17/11/2021 13:48	1.1	3.6
17/11/2021 13:54	1.1	3.6
17/11/2021 14:00	1.2	3.6
17/11/2021 14:06	1.1	3.6
17/11/2021 14:12	1.1	3.6
17/11/2021 14:18	1.2	3.7
17/11/2021 14:24	1.1	3.7
17/11/2021 14:30	1.1	3.7
17/11/2021 14:36	1.1	3.7
17/11/2021 14:42	1.1	3.7
17/11/2021 14:48	1.1	3.7
17/11/2021 14:54	1.1	3.7
17/11/2021 15:00	1.1	3.7
17/11/2021 15:06	1.1	3.8
17/11/2021 15:12	1.1	3.8
17/11/2021 15:18	1.1	3.8
17/11/2021 15:24	1.1	3.8

## Opacity Data Summary Report

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 New York, NY 10031  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/11/2021 15:30	1.1	3.8
17/11/2021 15:36	1.1	3.8
17/11/2021 15:42	1.1	3.8
17/11/2021 15:48	1.1	3.9
17/11/2021 15:54	1.1	3.8
17/11/2021 16:00	1.1	3.7
17/11/2021 16:06	1.1	3.7
17/11/2021 16:12	1	3.7
17/11/2021 16:18	1.1	3.7
17/11/2021 16:24	1.1	3.6
17/11/2021 16:30	1.1	3.6
17/11/2021 16:36	1.1	3.6
17/11/2021 16:42	1.1	3.7
17/11/2021 16:48	1	3.7
17/11/2021 16:54	0.9	3.6
17/11/2021 17:00	0.8	3.5
17/11/2021 17:06	0.9	3.6
17/11/2021 17:12	0.9	3.6
17/11/2021 17:18	0.9	3.7
17/11/2021 17:24	0.9	3.7
17/11/2021 17:30	1	3.7
17/11/2021 17:36	1	3.7
17/11/2021 17:42	1	3.7
17/11/2021 17:48	1	3.7
17/11/2021 17:54	1	3.7
17/11/2021 18:00	1	3.7
17/11/2021 18:06	1	3.7
17/11/2021 18:12	1	3.6
17/11/2021 18:18	1	3.6
17/11/2021 18:24	1	3.6
17/11/2021 18:30	1	3.6
17/11/2021 18:36	1	3.6
17/11/2021 18:42	1	3.6
17/11/2021 18:48	1	3.6
17/11/2021 18:54	1	3.6
17/11/2021 19:00	1.1	3.6
17/11/2021 19:06	1	3.6
17/11/2021 19:12	1.1	3.6
17/11/2021 19:18	1.1	3.6
17/11/2021 19:24	1.1	3.7



## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
17/11/2021 19:30	1.1	3.7
17/11/2021 19:36	1	3.7
17/11/2021 19:42	1	3.7
17/11/2021 19:48	1	3.6
17/11/2021 19:54	1.1	3.6
17/11/2021 20:00	1.1	3.7
17/11/2021 20:06	1	3.7
17/11/2021 20:12	1	3.7
17/11/2021 20:18	1	3.6
17/11/2021 20:24	1	3.7
17/11/2021 20:30	1	3.8
17/11/2021 20:36	1	3.8
17/11/2021 20:42	1.1	3.8
17/11/2021 20:48	1.1	3.8
17/11/2021 20:54	1.1	3.8
17/11/2021 21:00	1	3.9
17/11/2021 21:06	1	3.9
17/11/2021 21:12	1	3.8
17/11/2021 21:18	1	3.7
17/11/2021 21:24	1	3.7
17/11/2021 21:30	1	3.7
17/11/2021 21:36	1.1	3.6
17/11/2021 21:42	1	3.6
17/11/2021 21:48	1	3.6
17/11/2021 21:54	1	3.6
17/11/2021 22:00	1	3.6
17/11/2021 22:06	1	3.6
17/11/2021 22:12	1	3.5
17/11/2021 22:18	1	3.5
17/11/2021 22:24	1	3.5
17/11/2021 22:30	1	3.5
17/11/2021 22:36	1.1	3.5
17/11/2021 22:42	1.2	3.6
17/11/2021 22:48	1.2	3.6
17/11/2021 22:54	1.1	3.6
17/11/2021 23:00	1	3.6
17/11/2021 23:06	1	3.5
17/11/2021 23:12	1	3.5
17/11/2021 23:18	1	3.5
17/11/2021 23:24	1	3.5

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/11/2021 23:30	0.9	3.4
17/11/2021 23:36	0.9	3.4
17/11/2021 23:42	0.9	3.4
17/11/2021 23:48	1	3.5
17/11/2021 23:54	0.9	3.5
18/11/2021 00:00	0.9	3.4
18/11/2021 00:06	1	3.4
18/11/2021 00:12	0.9	3.5
18/11/2021 00:18	0.9	3.4
18/11/2021 00:24	0.7	3.1
18/11/2021 00:30	0.5	2.3
18/11/2021 00:36	0.5	2
18/11/2021 00:42	0.5	2
18/11/2021 00:48	0.5	2
18/11/2021 00:54	0.5	2
18/11/2021 01:00	0.6	2
18/11/2021 01:06	0.6	2
18/11/2021 01:12	0.5	2
18/11/2021 01:18	0.5	2
18/11/2021 01:24	0.5	2
18/11/2021 01:30	0.6	2
18/11/2021 01:36	0.6	2
18/11/2021 01:42	0.6	2
18/11/2021 01:48	0.6	2
18/11/2021 01:54	0.6	2
18/11/2021 02:00	0.6	2
18/11/2021 02:06	0.6	2
18/11/2021 02:12	0.6	2
18/11/2021 02:18	0.6	2
18/11/2021 02:24	0.6	2
18/11/2021 02:30	0.6	2
18/11/2021 02:36	0.5	2
18/11/2021 02:42	0.6	2
18/11/2021 02:48	0.6	2
18/11/2021 02:54	0.6	2
18/11/2021 03:00	0.6	2.1
18/11/2021 03:06	0.6	2.1
18/11/2021 03:12	0.6	2.1
18/11/2021 03:18	0.6	2
18/11/2021 03:24	0.6	2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
18/11/2021 03:30	0.6	2
18/11/2021 03:36	0.6	2.1
18/11/2021 03:42	0.6	2.1
18/11/2021 03:48	0.6	2
18/11/2021 03:54	0.6	2
18/11/2021 04:00	0.6	2
18/11/2021 04:06	0.6	2
18/11/2021 04:12	0.7	2.1
18/11/2021 04:18	0.7	2.1
18/11/2021 04:24	0.7	2
18/11/2021 04:30	0.7	2
18/11/2021 04:36	0.7	2.1
18/11/2021 04:42	0.7	2
18/11/2021 04:48	0.7	2
18/11/2021 04:54	0.7	2
18/11/2021 05:00	0.7	2
18/11/2021 05:06	0.7	2
18/11/2021 05:12	0.8	2
18/11/2021 05:18	1	2
18/11/2021 05:24	0.9	2
18/11/2021 05:30	0.9	2
18/11/2021 05:36	0.9	2
18/11/2021 05:42	0.9	2
18/11/2021 05:48	0.9	2.1
18/11/2021 05:54	0.8	2.1
18/11/2021 06:00	0.8	2.1
18/11/2021 06:06	0.8	2.1
18/11/2021 06:12	0.8	2.1
18/11/2021 06:18	0.8	2.1
18/11/2021 06:24	0.8	2.1
18/11/2021 06:30	0.8	2.1
18/11/2021 06:36	0.7	2.1
18/11/2021 06:42	0.7	2.1
18/11/2021 06:48	0.7	2.1
18/11/2021 06:54	0.7	2.1
18/11/2021 07:00	0.7	2.1
18/11/2021 07:06	0.8	2.1
18/11/2021 07:12	0.8	2.1
18/11/2021 07:18	0.8	2.1
18/11/2021 07:24	0.8	2.1

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/11/2021 07:30	0.8	2.1
18/11/2021 07:36	0.8	6.1
18/11/2021 07:42	0.8	7.7
18/11/2021 07:48	0.7	4.2
18/11/2021 07:54	0.6	3.6
18/11/2021 08:00	0.7	3.6
18/11/2021 08:06	0.9	3.5
18/11/2021 08:12	1	3.5
18/11/2021 08:18	1	3.6
18/11/2021 08:24	1.1	3.6
18/11/2021 08:30	1.1	3.6
18/11/2021 08:36	1.2	3.6
18/11/2021 08:42	1.2	3.7
18/11/2021 08:48	1.1	3.7
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18/11/2021 09:00	0.9	3.8
18/11/2021 09:06	0.9	3.8
18/11/2021 09:12	0.6	3.7
18/11/2021 09:18	0.5	3.6
18/11/2021 09:24	0.5	3.4
18/11/2021 09:30	0.6	3.4
18/11/2021 09:36	0.9	3.4
18/11/2021 09:42	1.1	3.4
18/11/2021 09:48	1	3.4
18/11/2021 09:54	0.9	3.4
18/11/2021 10:00	1.1	3.4
18/11/2021 10:06	1.2	3.4
18/11/2021 10:12	1.1	3.4
18/11/2021 10:18	0.3	3.4
18/11/2021 10:24	-0.2	3.5
18/11/2021 10:30	-0.2	3.5
18/11/2021 10:36	-0.3	3.5
18/11/2021 10:42	-0.3	3.5
18/11/2021 10:48	-0.2	3.6
18/11/2021 10:54	-0.2	3.5
18/11/2021 11:00	-0.2	3.5
18/11/2021 11:06	-0.2	3.6
18/11/2021 11:12	-0.1	3.5
18/11/2021 11:18	-0.1	3.5
18/11/2021 11:24	-0.2	3.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/11/2021 11:30	-0.2	3.5
18/11/2021 11:36	-0.2	3.6
18/11/2021 11:42	-0.2	3.5
18/11/2021 11:48	-0.1	3.5
18/11/2021 11:54	-0.1	3.5
18/11/2021 12:00	-0.2	3.4
18/11/2021 12:06	-0.5	3.4
18/11/2021 12:12	-0.5	3.4
18/11/2021 12:18	-0.4	3.4
18/11/2021 12:24	-0.4	3.3
18/11/2021 12:30	-0.5	3.3
18/11/2021 12:36	-0.4	3.3
18/11/2021 12:42	-0.4	3.3
18/11/2021 12:48	-0.4	3.4
18/11/2021 12:54	-0.4	3.4
18/11/2021 13:00	-0.5	3.4
18/11/2021 13:06	-0.4	3.4
18/11/2021 13:12	-0.4	3.4
18/11/2021 13:18	-0.4	3.4
18/11/2021 13:24	-0.4	3.3
18/11/2021 13:30	-0.4	3.3
18/11/2021 13:36	-0.4	3.2
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18/11/2021 14:00	-0.4	3.4
18/11/2021 14:06	-0.4	3.4
18/11/2021 14:12	-0.4	3.3
18/11/2021 14:18	-0.4	3.3
18/11/2021 14:24	-0.4	3.4
18/11/2021 14:30	-0.4	3.4
18/11/2021 14:36	-0.4	3.3
18/11/2021 14:42	-0.4	3.1
18/11/2021 14:48	-0.4	3.1
18/11/2021 14:54	-0.4	3.1
18/11/2021 15:00	-0.4	3.1
18/11/2021 15:06	-0.4	3.1
18/11/2021 15:12	-0.4	3.1
18/11/2021 15:18	-0.4	3.1
18/11/2021 15:24	-0.4	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/11/2021 15:30	-0.4	3.2
18/11/2021 15:36	-0.4	3.2
18/11/2021 15:42	-0.4	3.2
18/11/2021 15:48	-0.4	3.2
18/11/2021 15:54	-0.4	3.1
18/11/2021 16:00	-0.4	3.1
18/11/2021 16:06	-0.4	3.1
18/11/2021 16:12	-0.4	3.2
18/11/2021 16:18	-0.4	3.2
18/11/2021 16:24	-0.4	3.2
18/11/2021 16:30	-0.4	3.2
18/11/2021 16:36	-0.4	3.2
18/11/2021 16:42	-0.4	3.2
18/11/2021 16:48	-0.4	3.2
18/11/2021 16:54	-0.4	3.2
18/11/2021 17:00	-0.4	3.2
18/11/2021 17:06	-0.4	3.3
18/11/2021 17:12	-0.4	3.3
18/11/2021 17:18	-0.4	3.3
18/11/2021 17:24	-0.4	3.3
18/11/2021 17:30	-0.4	3.3
18/11/2021 17:36	-0.4	3.3
18/11/2021 17:42	-0.4	3.3
18/11/2021 17:48	-0.4	3.3
18/11/2021 17:54	-0.4	3.3
18/11/2021 18:00	-0.4	3.3
18/11/2021 18:06	-0.4	3.3
18/11/2021 18:12	-0.5	3.3
18/11/2021 18:18	-0.5	3.3
18/11/2021 18:24	-0.4	3.3
18/11/2021 18:30	-0.5	3.3
18/11/2021 18:36	-0.5	3.4
18/11/2021 18:42	-0.5	3.4
18/11/2021 18:48	-0.5	3.3
18/11/2021 18:54	-0.5	3.3
18/11/2021 19:00	-0.5	3.4
18/11/2021 19:06	-0.5	3.3
18/11/2021 19:12	-0.5	3.3
18/11/2021 19:18	-0.5	3.3
18/11/2021 19:24	-0.5	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/11/2021 19:30	-0.5	3.3
18/11/2021 19:36	-0.5	3.3
18/11/2021 19:42	-0.5	3.3
18/11/2021 19:48	-0.5	3.4
18/11/2021 19:54	-0.5	3.4
18/11/2021 20:00	-0.5	3.3
18/11/2021 20:06	-0.5	3.3
18/11/2021 20:12	-0.5	3.4
18/11/2021 20:18	-0.5	3.4
18/11/2021 20:24	-0.5	3.4
18/11/2021 20:30	-0.5	3.4
18/11/2021 20:36	-0.5	3.4
18/11/2021 20:42	-0.5	3.3
18/11/2021 20:48	-0.5	3.3
18/11/2021 20:54	-0.5	3.4
18/11/2021 21:00	-0.4	3.4
18/11/2021 21:06	-0.4	3.4
18/11/2021 21:12	-0.5	3.4
18/11/2021 21:18	-0.5	3.4
18/11/2021 21:24	-0.5	3.4
18/11/2021 21:30	-0.5	3.4
18/11/2021 21:36	-0.5	3.4
18/11/2021 21:42	-0.5	4.4
18/11/2021 21:48	-0.5	5.5
18/11/2021 21:54	-0.4	4.9
18/11/2021 22:00	-0.5	4.4
18/11/2021 22:06	-0.4	4.8
18/11/2021 22:12	-0.5	6
18/11/2021 22:18	-0.5	5.6
18/11/2021 22:24	-0.6	4.3
18/11/2021 22:30	-0.6	4.1
18/11/2021 22:36	-0.6	4.2
18/11/2021 22:42	-0.6	4.2
18/11/2021 22:48	-0.6	4.2
18/11/2021 22:54	-0.7	4.2
18/11/2021 23:00	-0.7	4.1
18/11/2021 23:06	-0.7	4.1
18/11/2021 23:12	-0.8	4.1
18/11/2021 23:18	-0.8	4.1
18/11/2021 23:24	-0.8	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/11/2021 23:30	-0.8	4
18/11/2021 23:36	-0.8	4
18/11/2021 23:42	-0.8	4
18/11/2021 23:48	-0.8	3.9
18/11/2021 23:54	-0.8	3.9
19/11/2021 00:00	-0.8	4
19/11/2021 00:06	-0.8	4
19/11/2021 00:12	-0.8	4
19/11/2021 00:18	-0.8	4
19/11/2021 00:24	-0.8	4
19/11/2021 00:30	-0.8	4
19/11/2021 00:36	-0.8	4
19/11/2021 00:42	-0.7	4
19/11/2021 00:48	-0.8	4
19/11/2021 00:54	-0.8	4
19/11/2021 01:00	-0.8	4
19/11/2021 01:06	-0.8	4
19/11/2021 01:12	-0.8	3.9
19/11/2021 01:18	-0.8	3.9
19/11/2021 01:24	-0.8	4
19/11/2021 01:30	-0.8	3.9
19/11/2021 01:36	-0.8	3.9
19/11/2021 01:42	-0.8	3.9
19/11/2021 01:48	-0.8	3.9
19/11/2021 01:54	-0.8	4
19/11/2021 02:00	-0.9	3.9
19/11/2021 02:06	-0.9	3.9
19/11/2021 02:12	-0.9	3.9
19/11/2021 02:18	-0.9	4.3
19/11/2021 02:24	-0.9	4.6
19/11/2021 02:30	-0.9	4.4
19/11/2021 02:36	-0.9	4.4
19/11/2021 02:42	-0.9	4.4
19/11/2021 02:48	-0.9	4.2
19/11/2021 02:54	-0.9	3.9
19/11/2021 03:00	-0.9	3.9
19/11/2021 03:06	-0.9	3.9
19/11/2021 03:12	-0.9	3.9
19/11/2021 03:18	-0.9	3.9
19/11/2021 03:24	-0.9	3.9



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 03:30	-0.9	3.9
19/11/2021 03:36	-0.9	3.9
19/11/2021 03:42	-0.9	3.9
19/11/2021 03:48	-0.9	3.9
19/11/2021 03:54	-0.9	3.9
19/11/2021 04:00	-0.9	4
19/11/2021 04:06	-0.9	3.9
19/11/2021 04:12	-0.9	3.9
19/11/2021 04:18	-0.9	3.9
19/11/2021 04:24	-0.9	3.8
19/11/2021 04:30	-0.9	3.8
19/11/2021 04:36	-0.9	3.8
19/11/2021 04:42	-0.9	3.8
19/11/2021 04:48	-0.9	3.8
19/11/2021 04:54	-0.9	3.8
19/11/2021 05:00	-1	3.8
19/11/2021 05:06	-1	3.8
19/11/2021 05:12	-1	3.8
19/11/2021 05:18	-1	3.8
19/11/2021 05:24	-1	3.9
19/11/2021 05:30	-1	3.9
19/11/2021 05:36	-1	3.9
19/11/2021 05:42	-1	3.8
19/11/2021 05:48	-1	3.9
19/11/2021 05:54	-1	4
19/11/2021 06:00	-1	4
19/11/2021 06:06	-1	4
19/11/2021 06:12	-1	3.9
19/11/2021 06:18	-1	4
19/11/2021 06:24	-1.1	4
19/11/2021 06:30	-1.1	4
19/11/2021 06:36	-1	4
19/11/2021 06:42	-1.1	4
19/11/2021 06:48	-1.1	4
19/11/2021 06:54	-1.1	4
19/11/2021 07:00	-1.1	4.1
19/11/2021 07:06	-1.1	4.1
19/11/2021 07:12	-1.1	4.1
19/11/2021 07:18	-1.1	4.1
19/11/2021 07:24	-1.1	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 07:30	-1.1	4.1
19/11/2021 07:36	-1.1	4.1
19/11/2021 07:42	-1.1	4.1
19/11/2021 07:48	-1.1	4.1
19/11/2021 07:54	-1.1	4.1
19/11/2021 08:00	-1.1	4.1
19/11/2021 08:06	-1.1	4.1
19/11/2021 08:12	-1.1	4.1
19/11/2021 08:18	-1.1	4.1
19/11/2021 08:24	-1.1	4.1
19/11/2021 08:30	-1.1	4.1
19/11/2021 08:36	1.7	4.1
19/11/2021 08:42	2.5	4.1
19/11/2021 08:48	0.3	4.1
19/11/2021 08:54	0.1	4.1
19/11/2021 09:00	0	4.1
19/11/2021 09:06	-0.1	4.1
19/11/2021 09:12	-0.3	4.1
19/11/2021 09:18	-0.4	4.2
19/11/2021 09:24	-0.5	4.2
19/11/2021 09:30	-0.6	4.2
19/11/2021 09:36	-0.6	4.2
19/11/2021 09:42	-0.7	4.2
19/11/2021 09:48	-0.7	4.1
19/11/2021 09:54	-0.8	4.1
19/11/2021 10:00	-0.8	4.1
19/11/2021 10:06	-0.8	4.1
19/11/2021 10:12	-0.9	4.1
19/11/2021 10:18	-0.9	4.1
19/11/2021 10:24	-0.9	4.1
19/11/2021 10:30	-0.9	4.1
19/11/2021 10:36	-0.9	4.1
19/11/2021 10:42	-0.9	4.1
19/11/2021 10:48	-0.9	4.1
19/11/2021 10:54	-0.9	4.1
19/11/2021 11:00	-0.9	4.2
19/11/2021 11:06	-0.9	4.1
19/11/2021 11:12	-0.9	4
19/11/2021 11:18	-0.9	3.9
19/11/2021 11:24	-0.9	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 11:30	-0.9	3.9
19/11/2021 11:36	-0.9	3.9
19/11/2021 11:42	-0.9	3.9
19/11/2021 11:48	-0.9	3.9
19/11/2021 11:54	-0.9	3.9
19/11/2021 12:00	-0.8	3.7
19/11/2021 12:06	-0.5	3.5
19/11/2021 12:12	-0.5	3.5
19/11/2021 12:18	-0.5	3.5
19/11/2021 12:24	-0.5	3.5
19/11/2021 12:30	-0.5	3.5
19/11/2021 12:36	-0.5	3.5
19/11/2021 12:42	-0.5	3.5
19/11/2021 12:48	-0.5	3.5
19/11/2021 12:54	-0.5	3.5
19/11/2021 13:00	-0.5	3.5
19/11/2021 13:06	-0.5	3.5
19/11/2021 13:12	-0.5	3.5
19/11/2021 13:18	-0.5	3.5
19/11/2021 13:24	-0.5	3.5
19/11/2021 13:30	-0.5	3.4
19/11/2021 13:36	-0.5	3.4
19/11/2021 13:42	-0.5	3.4
19/11/2021 13:48	-0.5	3.5
19/11/2021 13:54	-0.5	3.5
19/11/2021 14:00	-0.5	3.5
19/11/2021 14:06	-0.5	3.6
19/11/2021 14:12	-0.5	3.5
19/11/2021 14:18	-0.5	3.5
19/11/2021 14:24	-0.5	3.5
19/11/2021 14:30	-0.5	3.6
19/11/2021 14:36	-0.5	3.5
19/11/2021 14:42	-0.5	3.5
19/11/2021 14:48	-0.5	3.6
19/11/2021 14:54	-0.5	3.6
19/11/2021 15:00	-0.5	3.7
19/11/2021 15:06	-0.5	3.7
19/11/2021 15:12	-0.5	3.6
19/11/2021 15:18	-0.5	3.7
19/11/2021 15:24	-0.5	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 15:30	-0.5	3.7
19/11/2021 15:36	-0.5	3.8
19/11/2021 15:42	-0.5	3.8
19/11/2021 15:48	-0.6	3.8
19/11/2021 15:54	-0.6	3.8
19/11/2021 16:00	-0.6	3.8
19/11/2021 16:06	-0.6	3.8
19/11/2021 16:12	-0.6	3.7
19/11/2021 16:18	-0.6	3.7
19/11/2021 16:24	-0.6	3.7
19/11/2021 16:30	-0.6	3.6
19/11/2021 16:36	-0.6	3.6
19/11/2021 16:42	-0.6	3.6
19/11/2021 16:48	-0.6	3.6
19/11/2021 16:54	-0.6	3.5
19/11/2021 17:00	-0.6	3.5
19/11/2021 17:06	-0.6	3.5
19/11/2021 17:12	-0.6	3.5
19/11/2021 17:18	-0.6	3.5
19/11/2021 17:24	-0.6	3.5
19/11/2021 17:30	-0.6	3.5
19/11/2021 17:36	-0.6	3.5
19/11/2021 17:42	-0.6	3.5
19/11/2021 17:48	-0.6	3.5
19/11/2021 17:54	-0.6	3.5
19/11/2021 18:00	-0.6	3.5
19/11/2021 18:06	-0.6	3.4
19/11/2021 18:12	-0.6	3.4
19/11/2021 18:18	-0.6	3.4
19/11/2021 18:24	-0.6	3.4
19/11/2021 18:30	-0.6	3.4
19/11/2021 18:36	-0.6	3.5
19/11/2021 18:42	-0.6	3.4
19/11/2021 18:48	-0.6	3.4
19/11/2021 18:54	-0.6	3.4
19/11/2021 19:00	-0.6	3.4
19/11/2021 19:06	-0.6	3.4
19/11/2021 19:12	-0.6	3.4
19/11/2021 19:18	-0.6	3.4
19/11/2021 19:24	-0.6	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 19:30	-0.6	3.5
19/11/2021 19:36	-0.6	3.4
19/11/2021 19:42	-0.6	3.4
19/11/2021 19:48	-0.6	3.4
19/11/2021 19:54	-0.6	3.5
19/11/2021 20:00	-0.6	3.5
19/11/2021 20:06	-0.6	3.5
19/11/2021 20:12	-0.6	3.5
19/11/2021 20:18	-0.6	3.4
19/11/2021 20:24	-0.6	3.4
19/11/2021 20:30	-0.6	3.4
19/11/2021 20:36	-0.6	3.5
19/11/2021 20:42	-0.6	3.5
19/11/2021 20:48	-0.6	3.4
19/11/2021 20:54	-0.6	3.4
19/11/2021 21:00	-0.6	3.4
19/11/2021 21:06	-0.6	3.5
19/11/2021 21:12	-0.6	3.4
19/11/2021 21:18	-0.6	3.4
19/11/2021 21:24	-0.6	3.4
19/11/2021 21:30	-0.6	3.5
19/11/2021 21:36	-0.6	3.4
19/11/2021 21:42	-0.6	3.4
19/11/2021 21:48	-0.6	3.4
19/11/2021 21:54	-0.6	3.4
19/11/2021 22:00	-0.6	3.4
19/11/2021 22:06	-0.6	3.4
19/11/2021 22:12	-0.6	3.4
19/11/2021 22:18	-0.6	3.4
19/11/2021 22:24	-0.6	3.4
19/11/2021 22:30	-0.6	3.4
19/11/2021 22:36	-0.7	3.4
19/11/2021 22:42	-0.7	3.5
19/11/2021 22:48	-0.7	3.4
19/11/2021 22:54	-0.7	3.4
19/11/2021 23:00	-0.7	3.4
19/11/2021 23:06	-0.7	3.4
19/11/2021 23:12	-0.7	3.4
19/11/2021 23:18	-0.7	3.5
19/11/2021 23:24	-0.7	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:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/11/2021 23:30	-0.7	3.4
19/11/2021 23:36	-0.7	3.4
19/11/2021 23:42	-0.7	3.4
19/11/2021 23:48	-0.7	3.4
19/11/2021 23:54	-0.7	3.4
20/11/2021 00:00	-0.7	3.4
20/11/2021 00:06	-0.7	3.4
20/11/2021 00:12	-0.7	3.4
20/11/2021 00:18	-0.7	3.4
20/11/2021 00:24	-0.7	3.4
20/11/2021 00:30	-0.7	3.4
20/11/2021 00:36	-0.7	3.4
20/11/2021 00:42	-0.7	3.4
20/11/2021 00:48	13.1	3.4
20/11/2021 00:54	38.5	3.4
20/11/2021 01:00	39.6	3.4
20/11/2021 01:06	27.7	3.4
20/11/2021 01:12	18	3.4
20/11/2021 01:18	10.6	3.4
20/11/2021 01:24	6.4	3.4
20/11/2021 01:30	4.3	3.4
20/11/2021 01:36	2.3	3.4
20/11/2021 01:42	1	3.4
20/11/2021 01:48	0.2	3.4
20/11/2021 01:54	-0.1	3.4
20/11/2021 02:00	-0.2	3.3
20/11/2021 02:06	-0.3	3.3
20/11/2021 02:12	-0.4	3.3
20/11/2021 02:18	-0.5	3.3
20/11/2021 02:24	-0.5	3.3
20/11/2021 02:30	-0.5	3.2
20/11/2021 02:36	-0.6	3.3
20/11/2021 02:42	-0.6	3.2
20/11/2021 02:48	-0.6	3.2
20/11/2021 02:54	-0.6	3.3
20/11/2021 03:00	-0.6	3.3
20/11/2021 03:06	-0.7	3.2
20/11/2021 03:12	-0.7	3.2
20/11/2021 03:18	-0.7	3.2
20/11/2021 03:24	-0.7	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/11/2021 03:30	-0.7	3.2
20/11/2021 03:36	-0.7	3.2
20/11/2021 03:42	-0.7	3.2
20/11/2021 03:48	-0.7	3.2
20/11/2021 03:54	-0.7	3.2
20/11/2021 04:00	-0.7	3.2
20/11/2021 04:06	-0.7	3.2
20/11/2021 04:12	-0.7	3.2
20/11/2021 04:18	-0.7	3.2
20/11/2021 04:24	-0.7	3.2
20/11/2021 04:30	-0.7	3.3
20/11/2021 04:36	-0.7	3.3
20/11/2021 04:42	-0.7	3.3
20/11/2021 04:48	-0.7	3.3
20/11/2021 04:54	-0.7	3.4
20/11/2021 05:00	-0.7	3.4
20/11/2021 05:06	-0.7	3.4
20/11/2021 05:12	-0.7	3.4
20/11/2021 05:18	-0.7	3.4
20/11/2021 05:24	-0.7	3.4
20/11/2021 05:30	-0.7	3.4
20/11/2021 05:36	-0.7	3.4
20/11/2021 05:42	-0.7	3.4
20/11/2021 05:48	-0.7	3.4
20/11/2021 05:54	-0.7	3.4
20/11/2021 06:00	-0.7	3.4
20/11/2021 06:06	-0.7	3.4
20/11/2021 06:12	-0.7	3.4
20/11/2021 06:18	-0.7	3.4
20/11/2021 06:24	-0.7	3.4
20/11/2021 06:30	-0.7	3.4
20/11/2021 06:36	-0.7	3.4
20/11/2021 06:42	-0.7	3.4
20/11/2021 06:48	-0.7	3.4
20/11/2021 06:54	-0.7	3.4
20/11/2021 07:00	-0.7	3.4
20/11/2021 07:06	-0.7	3.4
20/11/2021 07:12	-0.7	3.4
20/11/2021 07:18	-0.7	3.4
20/11/2021 07:24	-0.7	3.4

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**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 4
	%	%
20/11/2021 07:30	-0.7	3.4
20/11/2021 07:36	-0.7	3.4
20/11/2021 07:42	-0.7	3.4
20/11/2021 07:48	-0.7	3.4
20/11/2021 07:54	-0.7	3.4
20/11/2021 08:00	-0.7	3.4
20/11/2021 08:06	-0.7	3.4
20/11/2021 08:12	-0.7	3.4
20/11/2021 08:18	-0.7	3.4
20/11/2021 08:24	-0.7	3.4
20/11/2021 08:30	-0.7	3.4
20/11/2021 08:36	-0.7	3.4
20/11/2021 08:42	-0.7	3.4
20/11/2021 08:48	-0.7	3.4
20/11/2021 08:54	-0.7	3.4
20/11/2021 09:00	-0.7	3.4
20/11/2021 09:06	-0.7	3.4
20/11/2021 09:12	-0.7	3.4
20/11/2021 09:18	-0.7	3.4
20/11/2021 09:24	-0.7	3.4
20/11/2021 09:30	-0.7	3.4
20/11/2021 09:36	-0.6	3.4
20/11/2021 09:42	-0.6	3.3
20/11/2021 09:48	-0.6	3.3
20/11/2021 09:54	-0.6	3.3
20/11/2021 10:00	-0.6	3.3
20/11/2021 10:06	-0.6	3.3
20/11/2021 10:12	-0.6	3.3
20/11/2021 10:18	-0.6	3.3
20/11/2021 10:24	-0.6	3.3
20/11/2021 10:30	-0.6	3.2
20/11/2021 10:36	-0.6	3.3
20/11/2021 10:42	-0.5	3.2
20/11/2021 10:48	-0.5	3.2
20/11/2021 10:54	-0.5	3.2
20/11/2021 11:00	-0.5	3.3
20/11/2021 11:06	-0.5	3.2
20/11/2021 11:12	-0.5	3.3
20/11/2021 11:18	-0.5	3.3
20/11/2021 11:24	-0.5	3.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/11/2021 11:30	-0.5	3.2
20/11/2021 11:36	-0.5	3.3
20/11/2021 11:42	-0.4	3.3
20/11/2021 11:48	-0.5	3.3
20/11/2021 11:54	-0.5	3.2
20/11/2021 12:00	-0.5	3.2
20/11/2021 12:06	-0.5	3.2
20/11/2021 12:12	-0.5	3.2
20/11/2021 12:18	-0.5	3.2
20/11/2021 12:24	-0.5	3.2
20/11/2021 12:30	-0.5	3.2
20/11/2021 12:36	-0.5	3.2
20/11/2021 12:42	-0.5	3.3
20/11/2021 12:48	-0.5	3.3
20/11/2021 12:54	-0.5	3.3
20/11/2021 13:00	-0.5	3.2
20/11/2021 13:06	-0.5	3.2
20/11/2021 13:12	-0.5	3.2
20/11/2021 13:18	-0.5	3.3
20/11/2021 13:24	-0.5	3.3
20/11/2021 13:30	-0.5	3.3
20/11/2021 13:36	-0.5	3.3
20/11/2021 13:42	-0.5	3.3
20/11/2021 13:48	-0.5	3.2
20/11/2021 13:54	-0.5	3.2
20/11/2021 14:00	-0.5	3.2
20/11/2021 14:06	-0.5	3.2
20/11/2021 14:12	-0.6	3.2
20/11/2021 14:18	-0.6	3.2
20/11/2021 14:24	-0.6	3.2
20/11/2021 14:30	-0.6	3.2
20/11/2021 14:36	-0.6	3.2
20/11/2021 14:42	-0.6	3.2
20/11/2021 14:48	-0.6	3.2
20/11/2021 14:54	-0.6	3.2
20/11/2021 15:00	-0.6	3.2
20/11/2021 15:06	-0.6	3.2
20/11/2021 15:12	-0.6	3.2
20/11/2021 15:18	-0.6	3.2
20/11/2021 15:24	-0.6	3.3

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/11/2021 15:30	-0.6	3.3
20/11/2021 15:36	-0.6	3.2
20/11/2021 15:42	-0.6	3.2
20/11/2021 15:48	-0.6	3.2
20/11/2021 15:54	-0.6	3.2
20/11/2021 16:00	-0.6	3.2
20/11/2021 16:06	-0.6	3.3
20/11/2021 16:12	-0.6	3.3
20/11/2021 16:18	-0.6	3.2
20/11/2021 16:24	-0.7	3.2
20/11/2021 16:30	-0.7	3.2
20/11/2021 16:36	-0.7	3.3
20/11/2021 16:42	-0.7	3.3
20/11/2021 16:48	-0.7	3.3
20/11/2021 16:54	-0.7	3.3
20/11/2021 17:00	-0.7	3.2
20/11/2021 17:06	-0.7	3.2
20/11/2021 17:12	-0.7	3.2
20/11/2021 17:18	-0.7	3.2
20/11/2021 17:24	-0.7	3.2
20/11/2021 17:30	-0.7	3.3
20/11/2021 17:36	-0.7	3.3
20/11/2021 17:42	-0.7	3.3
20/11/2021 17:48	-0.7	3.3
20/11/2021 17:54	-0.7	3.3
20/11/2021 18:00	-0.7	3.4
20/11/2021 18:06	-0.7	3.4
20/11/2021 18:12	-0.7	3.4
20/11/2021 18:18	-0.7	3.4
20/11/2021 18:24	-0.7	3.4
20/11/2021 18:30	-0.7	3.4
20/11/2021 18:36	-0.7	3.4
20/11/2021 18:42	-0.7	3.4
20/11/2021 18:48	-0.7	3.3
20/11/2021 18:54	-0.7	3.3
20/11/2021 19:00	-0.7	3.3
20/11/2021 19:06	-0.7	3.3
20/11/2021 19:12	-0.7	3.3
20/11/2021 19:18	-0.7	3.3
20/11/2021 19:24	-0.7	3.3

## 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 4
	%	%
20/11/2021 19:30	-0.7	3.4
20/11/2021 19:36	-0.7	3.4
20/11/2021 19:42	-0.7	3.4
20/11/2021 19:48	-0.7	3.4
20/11/2021 19:54	-0.6	3.3
20/11/2021 20:00	-0.6	3.3
20/11/2021 20:06	-0.6	3.3
20/11/2021 20:12	-0.6	3.3
20/11/2021 20:18	-0.6	3.3
20/11/2021 20:24	-0.6	3.3
20/11/2021 20:30	-0.6	3.2
20/11/2021 20:36	-0.6	3.2
20/11/2021 20:42	-0.6	3.2
20/11/2021 20:48	-0.7	3.2
20/11/2021 20:54	-0.6	3.2
20/11/2021 21:00	-0.6	3.2
20/11/2021 21:06	-0.6	3.2
20/11/2021 21:12	-0.6	3.2
20/11/2021 21:18	-0.7	3.2
20/11/2021 21:24	-0.6	3.2
20/11/2021 21:30	-0.6	3.2
20/11/2021 21:36	-0.6	3.2
20/11/2021 21:42	-0.6	3.3
20/11/2021 21:48	-0.6	3.2
20/11/2021 21:54	-0.6	3.2
20/11/2021 22:00	-0.6	3.2
20/11/2021 22:06	-0.6	3.3
20/11/2021 22:12	-0.6	3.3
20/11/2021 22:18	-0.6	3.3
20/11/2021 22:24	-0.6	3.3
20/11/2021 22:30	-0.6	3.2
20/11/2021 22:36	-0.6	3.2
20/11/2021 22:42	-0.6	3.2
20/11/2021 22:48	-0.6	3.3
20/11/2021 22:54	-0.6	3.2
20/11/2021 23:00	-0.6	3.2
20/11/2021 23:06	-0.6	3.3
20/11/2021 23:12	-0.6	3.5
20/11/2021 23:18	-0.6	3.9
20/11/2021 23:24	-0.6	3.9

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
20/11/2021 23:30	-0.6	3.8
20/11/2021 23:36	-0.6	3.7
20/11/2021 23:42	-0.6	3.7
20/11/2021 23:48	-0.6	3.7
20/11/2021 23:54	-0.6	3.7
21/11/2021 00:00	-0.6	3.7
21/11/2021 00:06	-0.6	3.7
21/11/2021 00:12	-0.6	3.7
21/11/2021 00:18	-0.6	3.7
21/11/2021 00:24	-0.6	3.5
21/11/2021 00:30	-0.6	3.2
21/11/2021 00:36	-0.6	3.1
21/11/2021 00:42	-0.6	3.1
21/11/2021 00:48	-0.6	3.2
21/11/2021 00:54	-0.6	3.2
21/11/2021 01:00	-0.6	3.3
21/11/2021 01:06	-0.6	3.3
21/11/2021 01:12	-0.6	3.2
21/11/2021 01:18	-0.6	3.2
21/11/2021 01:24	-0.6	3.2
21/11/2021 01:30	-0.6	3.2
21/11/2021 01:36	-0.6	3.2
21/11/2021 01:42	-0.6	3.3
21/11/2021 01:48	-0.6	3.3
21/11/2021 01:54	-0.6	3.3
21/11/2021 02:00	-0.6	3.3
21/11/2021 02:06	-0.6	3.3
21/11/2021 02:12	-0.6	3.3
21/11/2021 02:18	-0.6	3.4
21/11/2021 02:24	-0.6	3.4
21/11/2021 02:30	-0.6	3.4
21/11/2021 02:36	-0.6	3.4
21/11/2021 02:42	-0.6	3.4
21/11/2021 02:48	-0.6	3.4
21/11/2021 02:54	-0.6	3.4
21/11/2021 03:00	-0.6	3.4
21/11/2021 03:06	-0.6	3.4
21/11/2021 03:12	-0.6	3.5
21/11/2021 03:18	-0.6	3.5
21/11/2021 03:24	-0.6	3.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/11/2021 03:30	-0.6	3.5
21/11/2021 03:36	-0.6	3.5
21/11/2021 03:42	-0.6	3.5
21/11/2021 03:48	-0.6	3.5
21/11/2021 03:54	-0.6	3.8
21/11/2021 04:00	-0.6	3.9
21/11/2021 04:06	-0.6	3.7
21/11/2021 04:12	-0.6	3.7
21/11/2021 04:18	-0.6	3.6
21/11/2021 04:24	-0.6	3.6
21/11/2021 04:30	-0.6	3.6
21/11/2021 04:36	-0.6	3.6
21/11/2021 04:42	-0.6	3.6
21/11/2021 04:48	-0.6	3.6
21/11/2021 04:54	-0.6	3.5
21/11/2021 05:00	-0.6	3.5
21/11/2021 05:06	-0.6	3.5
21/11/2021 05:12	-0.6	3.5
21/11/2021 05:18	-0.6	3.6
21/11/2021 05:24	-0.6	3.7
21/11/2021 05:30	-0.6	3.7
21/11/2021 05:36	-0.6	3.6
21/11/2021 05:42	-0.6	3.6
21/11/2021 05:48	-0.6	3.6
21/11/2021 05:54	-0.6	3.6
21/11/2021 06:00	-0.6	3.6
21/11/2021 06:06	-0.6	3.7
21/11/2021 06:12	-0.6	3.7
21/11/2021 06:18	-0.6	3.7
21/11/2021 06:24	-0.6	3.7
21/11/2021 06:30	-0.6	3.7
21/11/2021 06:36	-0.6	3.7
21/11/2021 06:42	-0.6	3.7
21/11/2021 06:48	-0.6	3.6
21/11/2021 06:54	-0.6	3.6
21/11/2021 07:00	-0.6	3.6
21/11/2021 07:06	-0.6	3.7
21/11/2021 07:12	-0.6	3.7
21/11/2021 07:18	-0.6	3.7
21/11/2021 07:24	-0.6	3.7

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/11/2021 07:30	-0.6	3.7
21/11/2021 07:36	-0.6	3.5
21/11/2021 07:42	-0.6	3.3
21/11/2021 07:48	-0.6	3.3
21/11/2021 07:54	-0.6	3.3
21/11/2021 08:00	-0.6	3.3
21/11/2021 08:06	-0.6	3.3
21/11/2021 08:12	-0.6	3.4
21/11/2021 08:18	-0.6	3.4
21/11/2021 08:24	-0.6	3.4
21/11/2021 08:30	-0.6	3.4
21/11/2021 08:36	-0.6	3.4
21/11/2021 08:42	-0.6	3.4
21/11/2021 08:48	-0.6	3.4
21/11/2021 08:54	-0.6	3.4
21/11/2021 09:00	-0.6	3.4
21/11/2021 09:06	-0.6	3.4
21/11/2021 09:12	-0.6	3.4
21/11/2021 09:18	-0.6	3.4
21/11/2021 09:24	-0.6	3.4
21/11/2021 09:30	-0.6	3.4
21/11/2021 09:36	-0.6	3.4
21/11/2021 09:42	-0.6	3.5
21/11/2021 09:48	-0.6	3.5
21/11/2021 09:54	-0.6	3.5
21/11/2021 10:00	-0.6	3.5
21/11/2021 10:06	-0.6	3.9
21/11/2021 10:12	-0.5	4.6
21/11/2021 10:18	-0.5	4.8
21/11/2021 10:24	-0.5	4.8
21/11/2021 10:30	-0.5	4.8
21/11/2021 10:36	-0.5	4.7
21/11/2021 10:42	-0.5	4.6
21/11/2021 10:48	-0.5	4.6
21/11/2021 10:54	-0.5	4.6
21/11/2021 11:00	-0.5	4.5
21/11/2021 11:06	-0.5	4.5
21/11/2021 11:12	-0.5	4.5
21/11/2021 11:18	-0.5	4.5
21/11/2021 11:24	-0.5	4.3

## 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 4
	%	%
21/11/2021 11:30	-0.4	4.2
21/11/2021 11:36	-0.4	4.3
21/11/2021 11:42	-0.4	4.2
21/11/2021 11:48	-0.4	4.2
21/11/2021 11:54	-0.4	4.2
21/11/2021 12:00	-0.4	4.2
21/11/2021 12:06	-0.5	4.2
21/11/2021 12:12	-0.5	4.2
21/11/2021 12:18	-0.5	4.1
21/11/2021 12:24	-0.5	4.1
21/11/2021 12:30	-0.5	4.1
21/11/2021 12:36	-0.5	4.1
21/11/2021 12:42	-0.5	4.1
21/11/2021 12:48	-0.5	4.1
21/11/2021 12:54	-0.5	4.1
21/11/2021 13:00	-0.5	4.1
21/11/2021 13:06	-0.5	4.1
21/11/2021 13:12	-0.5	4.1
21/11/2021 13:18	-0.5	4.1
21/11/2021 13:24	-0.5	4
21/11/2021 13:30	-0.5	4
21/11/2021 13:36	-0.5	4.1
21/11/2021 13:42	-0.5	4.1
21/11/2021 13:48	-0.5	4.1
21/11/2021 13:54	-0.5	4
21/11/2021 14:00	-0.5	4
21/11/2021 14:06	-0.5	4
21/11/2021 14:12	-0.5	4
21/11/2021 14:18	-0.5	4
21/11/2021 14:24	-0.5	4
21/11/2021 14:30	-0.5	4
21/11/2021 14:36	-0.5	4
21/11/2021 14:42	-0.5	4
21/11/2021 14:48	-0.5	4.1
21/11/2021 14:54	-0.5	4
21/11/2021 15:00	-0.5	4
21/11/2021 15:06	-0.5	4
21/11/2021 15:12	-0.5	4.1
21/11/2021 15:18	-0.5	4
21/11/2021 15:24	-0.5	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/11/2021 15:30	-0.5	4.1
21/11/2021 15:36	-0.5	4.1
21/11/2021 15:42	-0.5	4.1
21/11/2021 15:48	-0.5	4.1
21/11/2021 15:54	-0.5	4.1
21/11/2021 16:00	-0.5	4.1
21/11/2021 16:06	-0.5	4.1
21/11/2021 16:12	-0.5	4.1
21/11/2021 16:18	-0.5	4.1
21/11/2021 16:24	-0.5	4.1
21/11/2021 16:30	-0.5	4.1
21/11/2021 16:36	-0.6	4.1
21/11/2021 16:42	-0.6	4.1
21/11/2021 16:48	-0.6	4.1
21/11/2021 16:54	-0.6	4.1
21/11/2021 17:00	-0.6	4.1
21/11/2021 17:06	-0.6	4.1
21/11/2021 17:12	-0.5	4.1
21/11/2021 17:18	-0.5	4.1
21/11/2021 17:24	-0.5	4.1
21/11/2021 17:30	-0.5	4
21/11/2021 17:36	-0.5	4.1
21/11/2021 17:42	-0.5	4.1
21/11/2021 17:48	-0.5	4.1
21/11/2021 17:54	-0.5	4.1
21/11/2021 18:00	-0.5	4.1
21/11/2021 18:06	-0.5	4.1
21/11/2021 18:12	-0.5	4.1
21/11/2021 18:18	-0.5	4.1
21/11/2021 18:24	-0.5	4.1
21/11/2021 18:30	-0.5	4.1
21/11/2021 18:36	-0.5	4.2
21/11/2021 18:42	-0.5	4.3
21/11/2021 18:48	-0.5	4.3
21/11/2021 18:54	-0.5	4.3
21/11/2021 19:00	-0.5	4.3
21/11/2021 19:06	-0.5	4.3
21/11/2021 19:12	-0.5	4.3
21/11/2021 19:18	-0.5	4.4
21/11/2021 19:24	-0.5	4.3



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/11/2021 19:30	-0.5	4.3
21/11/2021 19:36	-0.5	4.3
21/11/2021 19:42	-0.5	4.4
21/11/2021 19:48	-0.5	4.4
21/11/2021 19:54	-0.5	4.4
21/11/2021 20:00	-0.5	4.4
21/11/2021 20:06	-0.5	4.4
21/11/2021 20:12	-0.5	4.4
21/11/2021 20:18	-0.5	4.4
21/11/2021 20:24	-0.5	4.4
21/11/2021 20:30	-0.5	4.4
21/11/2021 20:36	-0.5	4.4
21/11/2021 20:42	-0.5	4.4
21/11/2021 20:48	-0.5	4.5
21/11/2021 20:54	-0.5	4.5
21/11/2021 21:00	-0.5	4.4
21/11/2021 21:06	-0.5	4.5
21/11/2021 21:12	-0.5	4.4
21/11/2021 21:18	-0.5	4.3
21/11/2021 21:24	-0.5	4.2
21/11/2021 21:30	-0.5	4.2
21/11/2021 21:36	-0.5	4.2
21/11/2021 21:42	-0.5	4.2
21/11/2021 21:48	-0.5	4.2
21/11/2021 21:54	-0.5	4.2
21/11/2021 22:00	-0.5	4.2
21/11/2021 22:06	-0.5	4.2
21/11/2021 22:12	-0.5	4.2
21/11/2021 22:18	-0.5	4.2
21/11/2021 22:24	-0.5	4.2
21/11/2021 22:30	-0.5	4.2
21/11/2021 22:36	-0.5	4.2
21/11/2021 22:42	-0.5	4.2
21/11/2021 22:48	-0.5	4.2
21/11/2021 22:54	-0.5	4.2
21/11/2021 23:00	-0.5	4.2
21/11/2021 23:06	-0.5	4.2
21/11/2021 23:12	-0.5	4.2
21/11/2021 23:18	-0.5	4.2
21/11/2021 23:24	-0.5	4.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
21/11/2021 23:30	-0.5	4.2
21/11/2021 23:36	-0.5	4.3
21/11/2021 23:42	-0.5	4.3
21/11/2021 23:48	-0.5	4.2
21/11/2021 23:54	-0.5	4.2
22/11/2021 00:00	-0.5	4.2
22/11/2021 00:06	-0.5	4.2
22/11/2021 00:12	-0.5	4.2
22/11/2021 00:18	-0.5	4.2
22/11/2021 00:24	-0.5	3.5
22/11/2021 00:30	-0.5	3
22/11/2021 00:36	-0.5	3.1
22/11/2021 00:42	-0.5	3.1
22/11/2021 00:48	-0.5	3.1
22/11/2021 00:54	-0.5	3.1
22/11/2021 01:00	-0.5	3.2
22/11/2021 01:06	-0.5	3.2
22/11/2021 01:12	-0.5	3.2
22/11/2021 01:18	-0.5	3.2
22/11/2021 01:24	-0.5	3.2
22/11/2021 01:30	-0.5	3.3
22/11/2021 01:36	-0.5	3.3
22/11/2021 01:42	-0.5	3.3
22/11/2021 01:48	-0.5	3.3
22/11/2021 01:54	-0.5	3.4
22/11/2021 02:00	-0.5	3.4
22/11/2021 02:06	-0.5	3.4
22/11/2021 02:12	-0.5	3.5
22/11/2021 02:18	-0.5	4
22/11/2021 02:24	-0.5	4.1
22/11/2021 02:30	-0.5	4.1
22/11/2021 02:36	-0.5	4.2
22/11/2021 02:42	-0.5	4.2
22/11/2021 02:48	-0.5	4.2
22/11/2021 02:54	-0.5	4.3
22/11/2021 03:00	-0.5	4.3
22/11/2021 03:06	-0.5	4.3
22/11/2021 03:12	-0.5	4.3
22/11/2021 03:18	-0.5	4.3
22/11/2021 03:24	-0.5	4.3

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/11/2021 03:30	-0.5	4.3
22/11/2021 03:36	-0.5	4.4
22/11/2021 03:42	-0.5	4.4
22/11/2021 03:48	-0.5	4.4
22/11/2021 03:54	-0.5	4.4
22/11/2021 04:00	-0.5	4.4
22/11/2021 04:06	-0.5	4.4
22/11/2021 04:12	-0.5	4.4
22/11/2021 04:18	-0.5	4.4
22/11/2021 04:24	-0.5	4.3
22/11/2021 04:30	-0.5	4.3
22/11/2021 04:36	-0.5	4.3
22/11/2021 04:42	-0.5	4.3
22/11/2021 04:48	-0.5	4.3
22/11/2021 04:54	-0.5	4.3
22/11/2021 05:00	-0.5	4.3
22/11/2021 05:06	-0.5	4.3
22/11/2021 05:12	-0.6	4.3
22/11/2021 05:18	-0.6	4.3
22/11/2021 05:24	-0.6	4.3
22/11/2021 05:30	-0.6	4.3
22/11/2021 05:36	-0.6	4.3
22/11/2021 05:42	-0.6	4.3
22/11/2021 05:48	-0.6	4.3
22/11/2021 05:54	-0.6	4.3
22/11/2021 06:00	-0.6	4.3
22/11/2021 06:06	-0.6	4.3
22/11/2021 06:12	-0.6	4.3
22/11/2021 06:18	-0.6	4.3
22/11/2021 06:24	-0.6	4.3
22/11/2021 06:30	-0.6	4.3
22/11/2021 06:36	-0.6	4.3
22/11/2021 06:42	-0.6	4.3
22/11/2021 06:48	-0.6	4.3
22/11/2021 06:54	-0.6	4.3
22/11/2021 07:00	-0.6	4.3
22/11/2021 07:06	-0.6	4.3
22/11/2021 07:12	-0.6	4.3
22/11/2021 07:18	-0.6	4.3
22/11/2021 07:24	-0.6	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/11/2021 07:30	-0.6	4.3
22/11/2021 07:36	-0.6	4.2
22/11/2021 07:42	-0.6	4.2
22/11/2021 07:48	-0.6	4.2
22/11/2021 07:54	-0.6	4.2
22/11/2021 08:00	-0.6	4.2
22/11/2021 08:06	-0.6	4.2
22/11/2021 08:12	-0.6	4.2
22/11/2021 08:18	-0.6	4.2
22/11/2021 08:24	-0.6	4.2
22/11/2021 08:30	-0.6	4.2
22/11/2021 08:36	-0.6	4.2
22/11/2021 08:42	-0.6	4.2
22/11/2021 08:48	-0.6	4.2
22/11/2021 08:54	-0.6	4.2
22/11/2021 09:00	-0.6	4.2
22/11/2021 09:06	-0.6	4.2
22/11/2021 09:12	-0.6	4.2
22/11/2021 09:18	-0.6	4.1
22/11/2021 09:24	-0.6	4.2
22/11/2021 09:30	-0.6	4.2
22/11/2021 09:36	-0.6	4.1
22/11/2021 09:42	-0.6	4.1
22/11/2021 09:48	-0.6	4.2
22/11/2021 09:54	-0.6	4.1
22/11/2021 10:00	-0.6	4.1
22/11/2021 10:06	-0.6	4.2
22/11/2021 10:12	-0.6	4.2
22/11/2021 10:18	-0.6	4.1
22/11/2021 10:24	-0.6	4.1
22/11/2021 10:30	-0.6	4.1
22/11/2021 10:36	-0.6	3.7
22/11/2021 10:42	-0.6	3.2
22/11/2021 10:48	-0.6	3.2
22/11/2021 10:54	-0.6	3.2
22/11/2021 11:00	-0.6	3.2
22/11/2021 11:06	-0.6	3.2
22/11/2021 11:12	-0.6	3.2
22/11/2021 11:18	-0.6	3.2
22/11/2021 11:24	-0.6	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/11/2021 11:30	-0.6	3.2
22/11/2021 11:36	-0.6	3.2
22/11/2021 11:42	-0.6	3.2
22/11/2021 11:48	-0.6	3.2
22/11/2021 11:54	-0.6	3.3
22/11/2021 12:00	-0.6	3.2
22/11/2021 12:06	-0.8	3.1
22/11/2021 12:12	-0.8	3.1
22/11/2021 12:18	-0.8	3.1
22/11/2021 12:24	-0.8	3.1
22/11/2021 12:30	-0.8	3.1
22/11/2021 12:36	-0.8	3.1
22/11/2021 12:42	-0.8	3.1
22/11/2021 12:48	-0.8	3.1
22/11/2021 12:54	-0.8	3.1
22/11/2021 13:00	-0.8	3.1
22/11/2021 13:06	-0.8	3.1
22/11/2021 13:12	-0.8	3.1
22/11/2021 13:18	-0.8	3.1
22/11/2021 13:24	-0.8	3.1
22/11/2021 13:30	-0.8	3.1
22/11/2021 13:36	-0.8	3.1
22/11/2021 13:42	-0.8	3.2
22/11/2021 13:48	-0.8	3.2
22/11/2021 13:54	-0.8	3.2
22/11/2021 14:00	-0.8	3.2
22/11/2021 14:06	-0.8	3.1
22/11/2021 14:12	-0.8	3.1
22/11/2021 14:18	-0.8	3.1
22/11/2021 14:24	<Samp	<Samp
22/11/2021 14:30	<Samp	<Samp
22/11/2021 14:36	-0.9	3.1
22/11/2021 14:42	-0.9	3.1
22/11/2021 14:48	-0.9	3.1
22/11/2021 14:54	-0.9	3.1
22/11/2021 15:00	-0.9	3.1
22/11/2021 15:06	-0.9	3.1
22/11/2021 15:12	-0.9	3
22/11/2021 15:18	-0.9	3.1
22/11/2021 15:24	-0.9	3.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/11/2021 15:30	-0.9	3.1
22/11/2021 15:36	-0.9	3.1
22/11/2021 15:42	-0.9	3.1
22/11/2021 15:48	-0.9	3.1
22/11/2021 15:54	-0.9	3.1
22/11/2021 16:00	-0.9	3.1
22/11/2021 16:06	-0.9	3.1
22/11/2021 16:12	-1	3.1
22/11/2021 16:18	-1	3.1
22/11/2021 16:24	-1	3.1
22/11/2021 16:30	-1	3.1
22/11/2021 16:36	-1	3.1
22/11/2021 16:42	-1	3.1
22/11/2021 16:48	-1	3.1
22/11/2021 16:54	-1	3.1
22/11/2021 17:00	-1	3.1
22/11/2021 17:06	-1	3.1
22/11/2021 17:12	-1	3.1
22/11/2021 17:18	-1	3.1
22/11/2021 17:24	-1	3.1
22/11/2021 17:30	-1	3.1
22/11/2021 17:36	-1	3.1
22/11/2021 17:42	-1	3.1
22/11/2021 17:48	-1	3.1
22/11/2021 17:54	-1	3.1
22/11/2021 18:00	-1	3.2
22/11/2021 18:06	-1	3.2
22/11/2021 18:12	-1.1	3.2
22/11/2021 18:18	-1.1	3.2
22/11/2021 18:24	-1.1	3.2
22/11/2021 18:30	-1.1	3.2
22/11/2021 18:36	-1.1	3.2
22/11/2021 18:42	-1.1	3.2
22/11/2021 18:48	-1.1	3.2
22/11/2021 18:54	-1.1	3.2
22/11/2021 19:00	-1.1	3.2
22/11/2021 19:06	-1.1	3.2
22/11/2021 19:12	-1.1	3.2
22/11/2021 19:18	-1.1	3.2
22/11/2021 19:24	-1.1	3.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
22/11/2021 19:30	-1.1	3.2
22/11/2021 19:36	-1.1	3.2
22/11/2021 19:42	-1.1	3.2
22/11/2021 19:48	-1.1	3.2
22/11/2021 19:54	-1.1	3.2
22/11/2021 20:00	-1.1	3.3
22/11/2021 20:06	-1.1	3.2
22/11/2021 20:12	-1.1	3.2
22/11/2021 20:18	-1.1	3.2
22/11/2021 20:24	-1.1	3.2
22/11/2021 20:30	-1.1	3.2
22/11/2021 20:36	-1.2	3.2
22/11/2021 20:42	-1.2	3.2
22/11/2021 20:48	-1.2	3.2
22/11/2021 20:54	-1.2	3.2
22/11/2021 21:00	-1.2	3.2
22/11/2021 21:06	-1.2	3.2
22/11/2021 21:12	-1.2	3.2
22/11/2021 21:18	-1.2	3.2
22/11/2021 21:24	-1.2	3.3
22/11/2021 21:30	-1.2	3.3
22/11/2021 21:36	-1.2	3.3
22/11/2021 21:42	-1.2	3.3
22/11/2021 21:48	-1.2	3.2
22/11/2021 21:54	-1.2	3.3
22/11/2021 22:00	-1.2	3.3
22/11/2021 22:06	-1.2	3.4
22/11/2021 22:12	-1.2	3.4
22/11/2021 22:18	-1.2	3.4
22/11/2021 22:24	-1.2	3.4
22/11/2021 22:30	-1.2	3.4
22/11/2021 22:36	-1.2	3.4
22/11/2021 22:42	-1.2	3.4
22/11/2021 22:48	-1.2	3.5
22/11/2021 22:54	-1.2	3.4
22/11/2021 23:00	-1.2	3.4
22/11/2021 23:06	-1.2	3.5
22/11/2021 23:12	-1.2	3.5
22/11/2021 23:18	-1.2	3.4
22/11/2021 23:24	-1.2	3.5

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/11/2021 23:30	-1.2	3.5
22/11/2021 23:36	-1.2	3.5
22/11/2021 23:42	-1.2	3.5
22/11/2021 23:48	-1.2	3.5
22/11/2021 23:54	-1.2	3.5
23/11/2021 00:00	-1.2	3.5
23/11/2021 00:06	-1.2	3.4
23/11/2021 00:12	-1.2	3.4
23/11/2021 00:18	-1.2	3.4
23/11/2021 00:24	-1.2	3.4
23/11/2021 00:30	-1.2	3.5
23/11/2021 00:36	-1.2	3.4
23/11/2021 00:42	-1.2	3.4
23/11/2021 00:48	-1.2	3.4
23/11/2021 00:54	-1.2	3.4
23/11/2021 01:00	-1.2	3.4
23/11/2021 01:06	-1.2	3.4
23/11/2021 01:12	-1.3	3.4
23/11/2021 01:18	-1.2	3.4
23/11/2021 01:24	-1.3	3.4
23/11/2021 01:30	-1.3	3.4
23/11/2021 01:36	-1.3	3.4
23/11/2021 01:42	-1.3	3.4
23/11/2021 01:48	-1.3	3.4
23/11/2021 01:54	-1.3	3.4
23/11/2021 02:00	-1.3	3.4
23/11/2021 02:06	-1.3	3.4
23/11/2021 02:12	-1.3	3.2
23/11/2021 02:18	-1.3	3.2
23/11/2021 02:24	-1.3	3.2
23/11/2021 02:30	-1.3	3.2
23/11/2021 02:36	-1.3	3.2
23/11/2021 02:42	-1.3	3.3
23/11/2021 02:48	-1.3	3.4
23/11/2021 02:54	-1.3	3.3
23/11/2021 03:00	-1.3	3.2
23/11/2021 03:06	-1.3	3.2
23/11/2021 03:12	-1.3	3.2
23/11/2021 03:18	-1.3	3.2
23/11/2021 03:24	-1.3	3.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 03:30	-1.3	3.2
23/11/2021 03:36	-1.3	3.2
23/11/2021 03:42	-1.3	3.2
23/11/2021 03:48	-1.3	3.2
23/11/2021 03:54	-1.3	3.2
23/11/2021 04:00	-1.3	3.2
23/11/2021 04:06	-1.3	3.2
23/11/2021 04:12	-1.3	3.2
23/11/2021 04:18	-1.3	3.2
23/11/2021 04:24	-1.3	3.2
23/11/2021 04:30	-1.3	3.2
23/11/2021 04:36	-1.3	3.3
23/11/2021 04:42	-1.3	3.2
23/11/2021 04:48	-1.3	3.2
23/11/2021 04:54	-1.3	3.2
23/11/2021 05:00	-1.3	3.2
23/11/2021 05:06	-1.3	3.2
23/11/2021 05:12	-1.3	3.2
23/11/2021 05:18	-1.3	3.2
23/11/2021 05:24	-1.3	3.3
23/11/2021 05:30	-1.3	3.2
23/11/2021 05:36	-1.3	3.2
23/11/2021 05:42	-1.3	3.2
23/11/2021 05:48	-1.3	3.2
23/11/2021 05:54	-1.3	3.2
23/11/2021 06:00	-1.3	3.2
23/11/2021 06:06	-1.3	3.3
23/11/2021 06:12	-1.3	3.2
23/11/2021 06:18	-1.3	3.2
23/11/2021 06:24	-1.3	3.2
23/11/2021 06:30	-1.3	3.2
23/11/2021 06:36	-1.3	3.2
23/11/2021 06:42	-1.3	3.2
23/11/2021 06:48	-1.3	3.3
23/11/2021 06:54	-1.3	3.2
23/11/2021 07:00	-1.3	3.2
23/11/2021 07:06	-1.3	3.2
23/11/2021 07:12	-1.3	3.2
23/11/2021 07:18	-1.3	3.2
23/11/2021 07:24	-1.3	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 07:30	-1.3	3.2
23/11/2021 07:36	-1.3	3.2
23/11/2021 07:42	-1.3	3.2
23/11/2021 07:48	-1.3	3.2
23/11/2021 07:54	-1.3	3.2
23/11/2021 08:00	-1.3	3.2
23/11/2021 08:06	-1.3	3.2
23/11/2021 08:12	-1.3	3.5
23/11/2021 08:18	-1.3	3.7
23/11/2021 08:24	-1.3	3.6
23/11/2021 08:30	-1.3	3.6
23/11/2021 08:36	-1.3	3.6
23/11/2021 08:42	-1.3	3.5
23/11/2021 08:48	-1.3	3.5
23/11/2021 08:54	-1.3	3.5
23/11/2021 09:00	-1.3	3.4
23/11/2021 09:06	-1.3	3.5
23/11/2021 09:12	-1.3	3.4
23/11/2021 09:18	-1.3	3.4
23/11/2021 09:24	-1.2	3.4
23/11/2021 09:30	-1.2	3.4
23/11/2021 09:36	-1.2	3.4
23/11/2021 09:42	-1.2	3.5
23/11/2021 09:48	-1.2	3.5
23/11/2021 09:54	-1.2	3.4
23/11/2021 10:00	-1.2	3.4
23/11/2021 10:06	-1.2	3.4
23/11/2021 10:12	-1.2	3.4
23/11/2021 10:18	-1.2	3.4
23/11/2021 10:24	-1.2	3.4
23/11/2021 10:30	-1.2	3.4
23/11/2021 10:36	-1.2	3.4
23/11/2021 10:42	-1.1	3.4
23/11/2021 10:48	-1.1	3.4
23/11/2021 10:54	-1.1	3.3
23/11/2021 11:00	-1.1	3.2
23/11/2021 11:06	-1.1	3.1
23/11/2021 11:12	-1.1	3.1
23/11/2021 11:18	-1.1	3.1
23/11/2021 11:24	-1.1	3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 11:30	-1	3.1
23/11/2021 11:36	-1	3.1
23/11/2021 11:42	-1	3
23/11/2021 11:48	-1	3
23/11/2021 11:54	-1	3
23/11/2021 12:00	-0.9	3.1
23/11/2021 12:06	-0.7	3.2
23/11/2021 12:12	-0.7	3.1
23/11/2021 12:18	-0.7	3.1
23/11/2021 12:24	-0.7	3.2
23/11/2021 12:30	-0.7	3.2
23/11/2021 12:36	-0.7	3.2
23/11/2021 12:42	-0.7	3.2
23/11/2021 12:48	-0.7	3.2
23/11/2021 12:54	-0.7	3.2
23/11/2021 13:00	-0.7	3.2
23/11/2021 13:06	-0.7	3.2
23/11/2021 13:12	-0.7	3.2
23/11/2021 13:18	-0.6	3.1
23/11/2021 13:24	-0.5	3.1
23/11/2021 13:30	-0.6	3.2
23/11/2021 13:36	-0.6	3.2
23/11/2021 13:42	-0.5	3.2
23/11/2021 13:48	-0.6	3.1
23/11/2021 13:54	10.2	3.1
23/11/2021 14:00	10.7	3.1
23/11/2021 14:06	5.6	3.1
23/11/2021 14:12	2.3	3.1
23/11/2021 14:18	0.8	3.1
23/11/2021 14:24	0.9	3.1
23/11/2021 14:30	0.6	3.1
23/11/2021 14:36	0.2	3.1
23/11/2021 14:42	-0.2	3.1
23/11/2021 14:48	-0.4	3.2
23/11/2021 14:54	-0.5	3.2
23/11/2021 15:00	-0.6	3.2
23/11/2021 15:06	-0.7	3.1
23/11/2021 15:12	-0.7	3.2
23/11/2021 15:18	-0.8	3.2
23/11/2021 15:24	-0.8	3.2

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 15:30	-0.8	3.2
23/11/2021 15:36	-0.8	3.2
23/11/2021 15:42	-0.8	3.2
23/11/2021 15:48	-0.8	3.2
23/11/2021 15:54	-0.8	3.3
23/11/2021 16:00	-0.8	3.4
23/11/2021 16:06	-0.9	3.4
23/11/2021 16:12	-0.9	3.4
23/11/2021 16:18	-0.9	3.4
23/11/2021 16:24	-0.9	3.4
23/11/2021 16:30	-0.9	3.4
23/11/2021 16:36	-0.9	3.4
23/11/2021 16:42	-0.9	3.4
23/11/2021 16:48	-0.9	3.4
23/11/2021 16:54	-0.9	3.4
23/11/2021 17:00	-0.9	3.4
23/11/2021 17:06	-0.9	3.4
23/11/2021 17:12	-0.9	3.4
23/11/2021 17:18	-0.9	3.4
23/11/2021 17:24	-0.9	3.4
23/11/2021 17:30	-0.9	3.4
23/11/2021 17:36	-0.9	3.4
23/11/2021 17:42	-0.9	3.4
23/11/2021 17:48	-0.9	3.4
23/11/2021 17:54	-0.9	3.3
23/11/2021 18:00	-0.9	3.4
23/11/2021 18:06	-0.9	3.4
23/11/2021 18:12	-0.9	3.3
23/11/2021 18:18	-0.9	3.3
23/11/2021 18:24	-0.9	3.3
23/11/2021 18:30	-0.9	3.3
23/11/2021 18:36	-0.9	3.4
23/11/2021 18:42	-0.9	3.3
23/11/2021 18:48	-0.9	3.3
23/11/2021 18:54	-0.9	3.4
23/11/2021 19:00	-0.9	3.5
23/11/2021 19:06	-0.9	3.5
23/11/2021 19:12	-0.9	3.5
23/11/2021 19:18	-0.9	3.5
23/11/2021 19:24	-0.9	3.5

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 19:30	-0.9	3.5
23/11/2021 19:36	-0.9	3.5
23/11/2021 19:42	-1	3.6
23/11/2021 19:48	-1	3.5
23/11/2021 19:54	-1	3.5
23/11/2021 20:00	-1	3.5
23/11/2021 20:06	-1	3.5
23/11/2021 20:12	-1	3.5
23/11/2021 20:18	-1	3.5
23/11/2021 20:24	-1	3.5
23/11/2021 20:30	-1	3.6
23/11/2021 20:36	-1	3.5
23/11/2021 20:42	-1	3.5
23/11/2021 20:48	-1	3.5
23/11/2021 20:54	-1	3.5
23/11/2021 21:00	-1	3.5
23/11/2021 21:06	-1	3.5
23/11/2021 21:12	-1	3.5
23/11/2021 21:18	-1	3.4
23/11/2021 21:24	-1	3.4
23/11/2021 21:30	-1	3.4
23/11/2021 21:36	-1	3.4
23/11/2021 21:42	-1	3.4
23/11/2021 21:48	-1	3.4
23/11/2021 21:54	-1	3.4
23/11/2021 22:00	-1	3.4
23/11/2021 22:06	-1	3.4
23/11/2021 22:12	-1	3.4
23/11/2021 22:18	-1	3.4
23/11/2021 22:24	-1	3.5
23/11/2021 22:30	-1	3.5
23/11/2021 22:36	-1	3.4
23/11/2021 22:42	-1	3.4
23/11/2021 22:48	-1	3.4
23/11/2021 22:54	-1	3.4
23/11/2021 23:00	-1	3.4
23/11/2021 23:06	-1	3.5
23/11/2021 23:12	-1	3.5
23/11/2021 23:18	-1	3.5
23/11/2021 23:24	-1	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  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/11/2021 23:30	-1	3.5
23/11/2021 23:36	-1	3.5
23/11/2021 23:42	-1	3.5
23/11/2021 23:48	-1.1	3.4
23/11/2021 23:54	-1.1	3.5
24/11/2021 00:00	-1.1	3.5
24/11/2021 00:06	-1.1	3.5
24/11/2021 00:12	-1.1	3.5
24/11/2021 00:18	-1.1	3.5
24/11/2021 00:24	-1.1	3.5
24/11/2021 00:30	-1.1	3.4
24/11/2021 00:36	-1.1	3.4
24/11/2021 00:42	-1.1	3.4
24/11/2021 00:48	-1.1	3.5
24/11/2021 00:54	-1.1	3.5
24/11/2021 01:00	-1.1	3.5
24/11/2021 01:06	-1.1	3.5
24/11/2021 01:12	-1.1	3.5
24/11/2021 01:18	-1.1	3.5
24/11/2021 01:24	-1.1	3.5
24/11/2021 01:30	-1.1	3.5
24/11/2021 01:36	-1.1	3.5
24/11/2021 01:42	-1.1	3.5
24/11/2021 01:48	-1.1	3.5
24/11/2021 01:54	-1.1	3.5
24/11/2021 02:00	-1.1	3.5
24/11/2021 02:06	-1.1	3.5
24/11/2021 02:12	-1.1	3
24/11/2021 02:18	-1.1	2.3
24/11/2021 02:24	-1.1	2.1
24/11/2021 02:30	-1.1	2.1
24/11/2021 02:36	-1.1	2.1
24/11/2021 02:42	-1.1	2.1
24/11/2021 02:48	-1.1	2.1
24/11/2021 02:54	-1.1	2.2
24/11/2021 03:00	-1.1	2.1
24/11/2021 03:06	-1.1	2.1
24/11/2021 03:12	-1.1	2.1
24/11/2021 03:18	-1.1	2.1
24/11/2021 03:24	-1.1	2.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
24/11/2021 03:30	-1.1	2.2
24/11/2021 03:36	-1.1	2.2
24/11/2021 03:42	-1.1	2.2
24/11/2021 03:48	-1.1	2.2
24/11/2021 03:54	-1.1	2.2
24/11/2021 04:00	-1.1	2.2
24/11/2021 04:06	-1.1	2.1
24/11/2021 04:12	-1.1	2.1
24/11/2021 04:18	-1.1	2.1
24/11/2021 04:24	-1.1	2.2
24/11/2021 04:30	-1.1	2.2
24/11/2021 04:36	-1.1	2.2
24/11/2021 04:42	-1.1	2.2
24/11/2021 04:48	-1.1	2.2
24/11/2021 04:54	-1.1	2.2
24/11/2021 05:00	-1.1	2.2
24/11/2021 05:06	-1.1	2.2
24/11/2021 05:12	-1.1	2.2
24/11/2021 05:18	-1.1	2.2
24/11/2021 05:24	-1.1	2.2
24/11/2021 05:30	-1.1	2.2
24/11/2021 05:36	-1.1	2.2
24/11/2021 05:42	-1.1	2.2
24/11/2021 05:48	-1.1	2.2
24/11/2021 05:54	-1.1	2.2
24/11/2021 06:00	-1.1	2.2
24/11/2021 06:06	-1.1	2.2
24/11/2021 06:12	-1.1	2.2
24/11/2021 06:18	-1.1	2.2
24/11/2021 06:24	-1.1	2.2
24/11/2021 06:30	-1.1	2.2
24/11/2021 06:36	-1.1	2.2
24/11/2021 06:42	-1.1	2.2
24/11/2021 06:48	-1.1	2.2
24/11/2021 06:54	-1.1	2.2
24/11/2021 07:00	-1.1	2.2
24/11/2021 07:06	-1.1	2.2
24/11/2021 07:12	-1.1	2.2
24/11/2021 07:18	-1.1	5.3
24/11/2021 07:24	-1.1	4.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/11/2021 07:30	-1.1	3.7
24/11/2021 07:36	-1.1	3.6
24/11/2021 07:42	-1.1	3.6
24/11/2021 07:48	-1.1	3.6
24/11/2021 07:54	-1.1	3.6
24/11/2021 08:00	-1.1	3.6
24/11/2021 08:06	-1.1	3.6
24/11/2021 08:12	-1.1	3.7
24/11/2021 08:18	-1.1	3.8
24/11/2021 08:24	-1.1	3.8
24/11/2021 08:30	-1.1	3.8
24/11/2021 08:36	-1	3.8
24/11/2021 08:42	-1	3.8
24/11/2021 08:48	-1	3.8
24/11/2021 08:54	-1	3.7
24/11/2021 09:00	-1	3.7
24/11/2021 09:06	-1	3.7
24/11/2021 09:12	-1	3.7
24/11/2021 09:18	-1	3.7
24/11/2021 09:24	-1	3.7
24/11/2021 09:30	-1	3.6
24/11/2021 09:36	-1	3.6
24/11/2021 09:42	-1	3.6
24/11/2021 09:48	-1	3.6
24/11/2021 09:54	-1	3.6
24/11/2021 10:00	-0.9	3.6
24/11/2021 10:06	-0.9	3.6
24/11/2021 10:12	-0.9	3.6
24/11/2021 10:18	-0.9	3.6
24/11/2021 10:24	-0.9	3.6
24/11/2021 10:30	-0.9	3.6
24/11/2021 10:36	-0.9	3.5
24/11/2021 10:42	-0.9	3.4
24/11/2021 10:48	-0.9	3.4
24/11/2021 10:54	-0.8	3.4
24/11/2021 11:00	-0.8	3.4
24/11/2021 11:06	-0.8	3.4
24/11/2021 11:12	-0.8	3.4
24/11/2021 11:18	-0.7	3.4
24/11/2021 11:24	-0.7	3.3



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/11/2021 11:30	-0.7	3.3
24/11/2021 11:36	-0.7	3.3
24/11/2021 11:42	-0.7	3.3
24/11/2021 11:48	-0.6	3.4
24/11/2021 11:54	-0.6	3.4
24/11/2021 12:00	-0.7	3.4
24/11/2021 12:06	-0.7	3.4
24/11/2021 12:12	-0.7	3.4
24/11/2021 12:18	-0.7	3.4
24/11/2021 12:24	-0.7	3.3
24/11/2021 12:30	-0.7	3.3
24/11/2021 12:36	-0.7	3.3
24/11/2021 12:42	-0.7	3.3
24/11/2021 12:48	-0.7	3.3
24/11/2021 12:54	-0.7	3.4
24/11/2021 13:00	-0.7	3.4
24/11/2021 13:06	-0.7	3.3
24/11/2021 13:12	-0.7	3.3
24/11/2021 13:18	-0.7	3.4
24/11/2021 13:24	-0.7	3.3
24/11/2021 13:30	-0.7	3.3
24/11/2021 13:36	-0.7	3.3
24/11/2021 13:42	-0.7	3.3
24/11/2021 13:48	-0.7	3.3
24/11/2021 13:54	-0.7	3.3
24/11/2021 14:00	-0.7	3.3
24/11/2021 14:06	-0.7	3.3
24/11/2021 14:12	-0.7	3.3
24/11/2021 14:18	-0.7	3.2
24/11/2021 14:24	-0.7	3.3
24/11/2021 14:30	-0.7	3.3
24/11/2021 14:36	-0.7	3.3
24/11/2021 14:42	-0.7	3.4
24/11/2021 14:48	-0.7	3.4
24/11/2021 14:54	-0.7	3.4
24/11/2021 15:00	-0.7	3.4
24/11/2021 15:06	-0.7	3.4
24/11/2021 15:12	-0.7	3.4
24/11/2021 15:18	-0.7	3.4
24/11/2021 15:24	-0.7	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/11/2021 15:30	-0.7	3.4
24/11/2021 15:36	-0.7	3.4
24/11/2021 15:42	-0.7	3.4
24/11/2021 15:48	-0.7	3.4
24/11/2021 15:54	-0.7	3.4
24/11/2021 16:00	-0.7	3.4
24/11/2021 16:06	-0.7	3.4
24/11/2021 16:12	-0.7	3.4
24/11/2021 16:18	-0.7	3.3
24/11/2021 16:24	-0.7	3.3
24/11/2021 16:30	-0.7	3.3
24/11/2021 16:36	-0.7	3.3
24/11/2021 16:42	-0.8	3.3
24/11/2021 16:48	-0.8	3.3
24/11/2021 16:54	-0.8	3.4
24/11/2021 17:00	-0.8	3.4
24/11/2021 17:06	-0.8	3.3
24/11/2021 17:12	-0.8	3.4
24/11/2021 17:18	-0.8	3.4
24/11/2021 17:24	-0.8	3.4
24/11/2021 17:30	-0.8	3.4
24/11/2021 17:36	-0.8	3.4
24/11/2021 17:42	-0.8	3.4
24/11/2021 17:48	-0.8	3.4
24/11/2021 17:54	-0.8	3.4
24/11/2021 18:00	-0.8	3.4
24/11/2021 18:06	-0.8	3.4
24/11/2021 18:12	-0.8	3.5
24/11/2021 18:18	-0.8	3.4
24/11/2021 18:24	-0.8	3.4
24/11/2021 18:30	-0.8	3.4
24/11/2021 18:36	-0.8	3.4
24/11/2021 18:42	-0.8	3.4
24/11/2021 18:48	-0.8	3.4
24/11/2021 18:54	-0.8	3.4
24/11/2021 19:00	-0.8	3.4
24/11/2021 19:06	-0.9	3.4
24/11/2021 19:12	-0.9	3.4
24/11/2021 19:18	-0.9	3.4
24/11/2021 19:24	-0.9	3.4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
24/11/2021 19:30	-0.9	3.4
24/11/2021 19:36	-0.9	3.4
24/11/2021 19:42	-0.9	3.4
24/11/2021 19:48	-0.9	3.4
24/11/2021 19:54	-0.9	3.4
24/11/2021 20:00	-0.9	3.4
24/11/2021 20:06	-0.9	3.4
24/11/2021 20:12	-0.9	3.4
24/11/2021 20:18	-0.9	3.4
24/11/2021 20:24	-0.9	3.4
24/11/2021 20:30	-0.9	3.4
24/11/2021 20:36	-0.9	3.4
24/11/2021 20:42	-0.9	3.4
24/11/2021 20:48	-0.9	3.4
24/11/2021 20:54	-0.9	3.4
24/11/2021 21:00	-0.9	3.4
24/11/2021 21:06	-0.9	3.4
24/11/2021 21:12	-0.9	3.4
24/11/2021 21:18	-0.9	3.4
24/11/2021 21:24	-0.9	3.4
24/11/2021 21:30	-0.9	3.4
24/11/2021 21:36	-0.9	3.4
24/11/2021 21:42	-0.9	3.4
24/11/2021 21:48	-0.9	3.4
24/11/2021 21:54	-0.9	3.4
24/11/2021 22:00	-0.9	3.4
24/11/2021 22:06	-0.9	3.4
24/11/2021 22:12	-0.9	3.4
24/11/2021 22:18	-0.9	3.4
24/11/2021 22:24	-0.9	3.4
24/11/2021 22:30	-0.9	3.4
24/11/2021 22:36	-0.9	3.4
24/11/2021 22:42	-0.9	3.4
24/11/2021 22:48	-0.9	3.4
24/11/2021 22:54	-0.9	3.4
24/11/2021 23:00	-0.9	3.4
24/11/2021 23:06	-0.9	3.4
24/11/2021 23:12	-0.9	3.4
24/11/2021 23:18	-0.9	3.4
24/11/2021 23:24	-0.9	3.4

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
24/11/2021 23:30	-0.9	3.4
24/11/2021 23:36	-0.9	3.4
24/11/2021 23:42	-0.9	3.4
24/11/2021 23:48	-0.9	3.5
24/11/2021 23:54	-0.9	3.5
25/11/2021 00:00	-0.9	3.5
25/11/2021 00:06	-0.9	3.5
25/11/2021 00:12	-0.9	3.5
25/11/2021 00:18	-0.9	3.5
25/11/2021 00:24	-0.9	3.5
25/11/2021 00:30	-0.9	3.5
25/11/2021 00:36	-0.9	3.5
25/11/2021 00:42	-0.9	3.5
25/11/2021 00:48	-0.9	3.5
25/11/2021 00:54	-0.9	3.5
25/11/2021 01:00	-0.9	3.5
25/11/2021 01:06	-0.9	3.5
25/11/2021 01:12	-0.9	3.5
25/11/2021 01:18	-0.9	3.5
25/11/2021 01:24	-0.9	3.5
25/11/2021 01:30	-0.9	3.5
25/11/2021 01:36	-0.9	2.8
25/11/2021 01:42	-0.9	2
25/11/2021 01:48	-0.9	2
25/11/2021 01:54	-0.9	2
25/11/2021 02:00	-0.9	2
25/11/2021 02:06	-0.9	2
25/11/2021 02:12	-0.9	2
25/11/2021 02:18	-0.9	2.1
25/11/2021 02:24	-0.9	2.1
25/11/2021 02:30	-0.9	2
25/11/2021 02:36	-0.9	2
25/11/2021 02:42	-0.9	2
25/11/2021 02:48	-0.9	2
25/11/2021 02:54	-0.9	2
25/11/2021 03:00	-0.9	2
25/11/2021 03:06	-0.9	2
25/11/2021 03:12	-0.9	2
25/11/2021 03:18	-0.9	2
25/11/2021 03:24	-0.9	2

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 03:30	-0.9	2
25/11/2021 03:36	-0.9	2.1
25/11/2021 03:42	-0.9	2
25/11/2021 03:48	-0.9	2
25/11/2021 03:54	-0.9	2
25/11/2021 04:00	-0.9	2
25/11/2021 04:06	-0.9	2
25/11/2021 04:12	-0.9	2
25/11/2021 04:18	-0.9	2
25/11/2021 04:24	-0.9	2
25/11/2021 04:30	-0.9	2
25/11/2021 04:36	-0.9	2.1
25/11/2021 04:42	-0.9	2
25/11/2021 04:48	-0.9	2.1
25/11/2021 04:54	-0.9	2.1
25/11/2021 05:00	-0.9	2
25/11/2021 05:06	-0.9	2
25/11/2021 05:12	-0.9	2.1
25/11/2021 05:18	-0.9	2.1
25/11/2021 05:24	-0.9	2.1
25/11/2021 05:30	-0.9	2
25/11/2021 05:36	-0.9	2
25/11/2021 05:42	-0.9	2
25/11/2021 05:48	-0.9	2
25/11/2021 05:54	-0.9	2
25/11/2021 06:00	-0.9	2.1
25/11/2021 06:06	-0.9	2.1
25/11/2021 06:12	-0.9	2
25/11/2021 06:18	-0.9	2.1
25/11/2021 06:24	-0.9	2.1
25/11/2021 06:30	-0.9	2.1
25/11/2021 06:36	-0.9	2.1
25/11/2021 06:42	-0.9	2.1
25/11/2021 06:48	-0.9	2.1
25/11/2021 06:54	-0.9	2.1
25/11/2021 07:00	-0.9	2.1
25/11/2021 07:06	-0.9	2.1
25/11/2021 07:12	-0.9	2.1
25/11/2021 07:18	-0.9	2.1
25/11/2021 07:24	-0.9	2.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 07:30	-0.9	2.1
25/11/2021 07:36	-0.9	2.1
25/11/2021 07:42	-0.9	2.1
25/11/2021 07:48	-1	2.1
25/11/2021 07:54	-1	2.1
25/11/2021 08:00	-1	2.1
25/11/2021 08:06	-1	2.1
25/11/2021 08:12	-1	2.1
25/11/2021 08:18	-0.9	2.1
25/11/2021 08:24	-0.9	2.1
25/11/2021 08:30	-0.9	2.1
25/11/2021 08:36	-0.9	2.1
25/11/2021 08:42	-0.9	2.1
25/11/2021 08:48	-0.9	2.1
25/11/2021 08:54	-0.9	2.2
25/11/2021 09:00	-0.9	2.2
25/11/2021 09:06	-0.9	2.2
25/11/2021 09:12	-0.9	2.2
25/11/2021 09:18	-0.9	2.2
25/11/2021 09:24	-0.9	2.2
25/11/2021 09:30	-0.9	2.2
25/11/2021 09:36	-0.9	2.2
25/11/2021 09:42	-0.9	2.2
25/11/2021 09:48	-0.9	2.2
25/11/2021 09:54	-0.9	2.2
25/11/2021 10:00	-0.9	2.2
25/11/2021 10:06	-0.9	2.9
25/11/2021 10:12	-0.9	8.3
25/11/2021 10:18	-0.9	6.8
25/11/2021 10:24	-0.9	3.6
25/11/2021 10:30	-0.9	3.3
25/11/2021 10:36	-0.9	3.3
25/11/2021 10:42	-0.9	3.3
25/11/2021 10:48	-0.9	3.3
25/11/2021 10:54	-0.8	3.2
25/11/2021 11:00	-0.8	3.2
25/11/2021 11:06	-0.8	3.3
25/11/2021 11:12	-0.8	3.3
25/11/2021 11:18	-0.8	3.3
25/11/2021 11:24	-0.8	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 11:30	-0.8	3.3
25/11/2021 11:36	-0.8	3.2
25/11/2021 11:42	-0.7	3.2
25/11/2021 11:48	-0.7	3.2
25/11/2021 11:54	-0.7	3.2
25/11/2021 12:00	-0.7	3.2
25/11/2021 12:06	-0.8	3.1
25/11/2021 12:12	-0.8	3.1
25/11/2021 12:18	-0.8	3.1
25/11/2021 12:24	-0.7	3.2
25/11/2021 12:30	-0.7	3.2
25/11/2021 12:36	-0.7	3.2
25/11/2021 12:42	-0.7	3.2
25/11/2021 12:48	-0.7	3.3
25/11/2021 12:54	-0.7	3.3
25/11/2021 13:00	-0.7	3.2
25/11/2021 13:06	-0.7	3.3
25/11/2021 13:12	-0.7	3.3
25/11/2021 13:18	-0.7	3.2
25/11/2021 13:24	-0.7	3.2
25/11/2021 13:30	-0.7	3.2
25/11/2021 13:36	-0.7	3.2
25/11/2021 13:42	-0.7	3.2
25/11/2021 13:48	-0.7	3.2
25/11/2021 13:54	-0.6	3.2
25/11/2021 14:00	-0.6	3.2
25/11/2021 14:06	-0.6	3.2
25/11/2021 14:12	-0.6	3.2
25/11/2021 14:18	-0.6	3.2
25/11/2021 14:24	-0.6	3.1
25/11/2021 14:30	-0.6	3.1
25/11/2021 14:36	-0.6	3.2
25/11/2021 14:42	-0.6	3.2
25/11/2021 14:48	-0.6	3.2
25/11/2021 14:54	-0.6	3.2
25/11/2021 15:00	-0.6	3.2
25/11/2021 15:06	-0.6	3.2
25/11/2021 15:12	-0.6	3.2
25/11/2021 15:18	-0.6	3.1
25/11/2021 15:24	-0.6	3.1

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 15:30	-0.6	3.2
25/11/2021 15:36	-0.6	3.2
25/11/2021 15:42	-0.6	3.2
25/11/2021 15:48	-0.6	3.2
25/11/2021 15:54	-0.6	3.2
25/11/2021 16:00	-0.6	3.2
25/11/2021 16:06	-0.6	3.2
25/11/2021 16:12	-0.6	3.2
25/11/2021 16:18	-0.6	3.2
25/11/2021 16:24	-0.6	3.3
25/11/2021 16:30	-0.6	3.2
25/11/2021 16:36	-0.6	3.3
25/11/2021 16:42	-0.6	3.3
25/11/2021 16:48	-0.6	3.3
25/11/2021 16:54	-0.6	3.3
25/11/2021 17:00	-0.6	3.3
25/11/2021 17:06	-0.6	3.3
25/11/2021 17:12	-0.6	3.3
25/11/2021 17:18	-0.6	3.2
25/11/2021 17:24	-0.6	3.1
25/11/2021 17:30	-0.6	3.2
25/11/2021 17:36	-0.6	3.2
25/11/2021 17:42	-0.6	3.2
25/11/2021 17:48	-0.6	3.2
25/11/2021 17:54	-0.6	3.3
25/11/2021 18:00	-0.6	3.3
25/11/2021 18:06	-0.6	3.3
25/11/2021 18:12	-0.6	3.3
25/11/2021 18:18	-0.6	3.3
25/11/2021 18:24	-0.6	3.3
25/11/2021 18:30	-0.6	3.3
25/11/2021 18:36	-0.6	3.3
25/11/2021 18:42	-0.6	3.3
25/11/2021 18:48	-0.6	3.3
25/11/2021 18:54	-0.6	3.3
25/11/2021 19:00	-0.6	3.3
25/11/2021 19:06	-0.6	3.3
25/11/2021 19:12	-0.6	3.3
25/11/2021 19:18	-0.6	3.3
25/11/2021 19:24	-0.6	3.3



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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 19:30	-0.6	3.3
25/11/2021 19:36	-0.7	3.4
25/11/2021 19:42	-0.7	3.4
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25/11/2021 19:54	-0.7	3.5
25/11/2021 20:00	-0.7	4.2
25/11/2021 20:06	-0.7	4.4
25/11/2021 20:12	-0.7	4.3
25/11/2021 20:18	-0.7	4.2
25/11/2021 20:24	-0.7	4.1
25/11/2021 20:30	-0.7	4.1
25/11/2021 20:36	-0.7	4
25/11/2021 20:42	-0.7	4
25/11/2021 20:48	-0.7	4
25/11/2021 20:54	-0.7	4
25/11/2021 21:00	-0.7	4
25/11/2021 21:06	-0.7	3.9
25/11/2021 21:12	-0.7	4
25/11/2021 21:18	-0.7	4
25/11/2021 21:24	-0.7	4
25/11/2021 21:30	-0.7	4.1
25/11/2021 21:36	-0.7	4.4
25/11/2021 21:42	-0.7	4.5
25/11/2021 21:48	-0.7	4.4
25/11/2021 21:54	-0.7	4.4
25/11/2021 22:00	-0.7	4.4
25/11/2021 22:06	-0.7	4.4
25/11/2021 22:12	-0.7	4.3
25/11/2021 22:18	-0.7	4.3
25/11/2021 22:24	-0.7	4.3
25/11/2021 22:30	-0.7	4.3
25/11/2021 22:36	-0.7	4.3
25/11/2021 22:42	-0.7	4.4
25/11/2021 22:48	-0.7	4.5
25/11/2021 22:54	-0.7	4.6
25/11/2021 23:00	-0.7	4.5
25/11/2021 23:06	-0.7	3.7
25/11/2021 23:12	-0.7	3.1
25/11/2021 23:18	-0.7	3.1
25/11/2021 23:24	-0.7	3.1

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 New York, NY 10031  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/11/2021 23:30	-0.7	3.1
25/11/2021 23:36	-0.7	3.1
25/11/2021 23:42	-0.7	3.1
25/11/2021 23:48	-0.7	3.2
25/11/2021 23:54	-0.7	3.3
26/11/2021 00:00	-0.7	3.8
26/11/2021 00:06	-0.7	4.1
26/11/2021 00:12	-0.7	4.1
26/11/2021 00:18	-0.7	4.1
26/11/2021 00:24	-0.7	4.1
26/11/2021 00:30	-0.8	4.1
26/11/2021 00:36	-0.8	4.1
26/11/2021 00:42	-0.8	4.2
26/11/2021 00:48	-0.8	4.1
26/11/2021 00:54	-0.8	4.2
26/11/2021 01:00	-0.8	4.3
26/11/2021 01:06	-0.8	4.3
26/11/2021 01:12	-0.8	4.3
26/11/2021 01:18	-0.8	4.3
26/11/2021 01:24	-0.8	4.3
26/11/2021 01:30	-0.8	4.3
26/11/2021 01:36	-0.8	4.3
26/11/2021 01:42	-0.8	4.3
26/11/2021 01:48	-0.8	4.3
26/11/2021 01:54	-0.8	4.3
26/11/2021 02:00	-0.8	4.3
26/11/2021 02:06	-0.8	4.3
26/11/2021 02:12	-0.8	4.3
26/11/2021 02:18	-0.8	4.4
26/11/2021 02:24	-0.8	4.4
26/11/2021 02:30	-0.8	4.4
26/11/2021 02:36	-0.8	4.4
26/11/2021 02:42	-0.8	4.4
26/11/2021 02:48	-0.8	4.4
26/11/2021 02:54	-0.8	4.4
26/11/2021 03:00	-0.8	4.4
26/11/2021 03:06	-0.8	4.4
26/11/2021 03:12	-0.8	4.4
26/11/2021 03:18	-0.8	4.4
26/11/2021 03:24	-0.8	4.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/11/2021 03:30	-0.9	4.4
26/11/2021 03:36	-0.9	4.4
26/11/2021 03:42	-0.9	4.4
26/11/2021 03:48	-0.9	4.4
26/11/2021 03:54	-0.9	4.4
26/11/2021 04:00	-0.9	4.4
26/11/2021 04:06	-0.9	4.4
26/11/2021 04:12	-0.9	4.4
26/11/2021 04:18	-0.9	4.4
26/11/2021 04:24	-0.9	4.4
26/11/2021 04:30	-0.9	4.4
26/11/2021 04:36	-0.9	4.5
26/11/2021 04:42	-0.9	4.4
26/11/2021 04:48	-0.9	4.4
26/11/2021 04:54	-0.9	4.4
26/11/2021 05:00	-0.9	4.4
26/11/2021 05:06	-0.9	4.4
26/11/2021 05:12	-0.9	4.4
26/11/2021 05:18	-0.9	4.4
26/11/2021 05:24	-0.9	4.4
26/11/2021 05:30	-0.9	4.5
26/11/2021 05:36	-0.9	4.5
26/11/2021 05:42	-0.9	4.5
26/11/2021 05:48	-0.9	4.5
26/11/2021 05:54	-0.9	4.4
26/11/2021 06:00	-0.9	4.5
26/11/2021 06:06	-0.9	4.5
26/11/2021 06:12	-0.9	4.5
26/11/2021 06:18	-0.9	4.5
26/11/2021 06:24	-0.9	4.5
26/11/2021 06:30	-0.9	4.5
26/11/2021 06:36	-0.9	4.5
26/11/2021 06:42	-0.9	4.5
26/11/2021 06:48	-0.9	4.5
26/11/2021 06:54	-0.9	4.5
26/11/2021 07:00	-0.9	4.5
26/11/2021 07:06	-0.9	4.5
26/11/2021 07:12	-0.9	4.5
26/11/2021 07:18	-0.9	4.5
26/11/2021 07:24	-0.8	4.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/11/2021 07:30	-0.8	4.6
26/11/2021 07:36	-0.8	4.6
26/11/2021 07:42	-0.8	4.6
26/11/2021 07:48	-0.8	4.5
26/11/2021 07:54	-0.8	4.6
26/11/2021 08:00	-0.8	4.6
26/11/2021 08:06	-0.8	4.4
26/11/2021 08:12	-0.8	3.4
26/11/2021 08:18	-0.8	2.2
26/11/2021 08:24	-0.8	2
26/11/2021 08:30	-0.8	2.1
26/11/2021 08:36	-0.8	2.1
26/11/2021 08:42	-0.8	2.1
26/11/2021 08:48	-0.8	2.1
26/11/2021 08:54	-0.8	2.1
26/11/2021 09:00	-0.8	2.1
26/11/2021 09:06	-0.8	2.1
26/11/2021 09:12	-0.8	2.1
26/11/2021 09:18	-0.7	2.2
26/11/2021 09:24	-0.7	2.2
26/11/2021 09:30	-0.7	2.1
26/11/2021 09:36	-0.7	2.2
26/11/2021 09:42	-0.7	2.2
26/11/2021 09:48	-0.7	2.2
26/11/2021 09:54	-0.6	2.2
26/11/2021 10:00	-0.7	2.2
26/11/2021 10:06	-0.7	2.2
26/11/2021 10:12	-0.8	2.2
26/11/2021 10:18	-0.8	2.1
26/11/2021 10:24	-0.8	2.1
26/11/2021 10:30	-0.8	2.1
26/11/2021 10:36	-0.8	2.1
26/11/2021 10:42	-0.8	2.1
26/11/2021 10:48	-0.8	2
26/11/2021 10:54	-0.9	2
26/11/2021 11:00	-0.9	2
26/11/2021 11:06	-0.9	2
26/11/2021 11:12	-0.9	2
26/11/2021 11:18	-0.9	2
26/11/2021 11:24	-0.9	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  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/11/2021 11:30	-0.9	2
26/11/2021 11:36	-0.9	2
26/11/2021 11:42	-0.9	2
26/11/2021 11:48	-0.9	2
26/11/2021 11:54	-0.9	2
26/11/2021 12:00	-0.9	2
26/11/2021 12:06	-0.9	2
26/11/2021 12:12	-0.9	2
26/11/2021 12:18	-0.9	2
26/11/2021 12:24	-0.9	2
26/11/2021 12:30	-0.9	1.9
26/11/2021 12:36	-0.9	2
26/11/2021 12:42	-0.9	2
26/11/2021 12:48	-0.9	2
26/11/2021 12:54	-0.9	1.9
26/11/2021 13:00	-0.9	1.9
26/11/2021 13:06	-0.9	1.9
26/11/2021 13:12	-0.9	1.9
26/11/2021 13:18	-0.9	1.9
26/11/2021 13:24	-0.9	1.9
26/11/2021 13:30	-0.9	1.9
26/11/2021 13:36	-0.9	2
26/11/2021 13:42	-0.9	2
26/11/2021 13:48	-0.9	2
26/11/2021 13:54	-0.9	2
26/11/2021 14:00	-0.9	2
26/11/2021 14:06	-0.9	2
26/11/2021 14:12	-0.9	2
26/11/2021 14:18	-0.9	2
26/11/2021 14:24	-0.9	2
26/11/2021 14:30	-0.9	2
26/11/2021 14:36	-0.9	2
26/11/2021 14:42	-0.9	2
26/11/2021 14:48	-0.9	2
26/11/2021 14:54	-0.9	2
26/11/2021 15:00	-0.9	2
26/11/2021 15:06	-0.9	2
26/11/2021 15:12	-0.9	2
26/11/2021 15:18	-0.9	2
26/11/2021 15:24	-0.9	2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
26/11/2021 15:30	-1	2
26/11/2021 15:36	-1	2
26/11/2021 15:42	-1	2
26/11/2021 15:48	-1	2
26/11/2021 15:54	-1	2
26/11/2021 16:00	-1	2
26/11/2021 16:06	-1	2
26/11/2021 16:12	-1	2
26/11/2021 16:18	-1	2
26/11/2021 16:24	-1	2
26/11/2021 16:30	-1	2
26/11/2021 16:36	-1	2.1
26/11/2021 16:42	-1	2.1
26/11/2021 16:48	-1	2.1
26/11/2021 16:54	-1	2.1
26/11/2021 17:00	-1	2.1
26/11/2021 17:06	-1	2.1
26/11/2021 17:12	-1	2.1
26/11/2021 17:18	-1	2.1
26/11/2021 17:24	-1	2.1
26/11/2021 17:30	-1	2.1
26/11/2021 17:36	-1	2.1
26/11/2021 17:42	-1	2.1
26/11/2021 17:48	-1	2.1
26/11/2021 17:54	-1	2.2
26/11/2021 18:00	-1	2.2
26/11/2021 18:06	-1	2.2
26/11/2021 18:12	-1	2.2
26/11/2021 18:18	-1	2.2
26/11/2021 18:24	-1	2.2
26/11/2021 18:30	-1	2.2
26/11/2021 18:36	-1	2.2
26/11/2021 18:42	-1	2.2
26/11/2021 18:48	-1	2.2
26/11/2021 18:54	-1	2.2
26/11/2021 19:00	-1.1	2.2
26/11/2021 19:06	-1.1	2.2
26/11/2021 19:12	-1.1	2.2
26/11/2021 19:18	-1.1	2.2
26/11/2021 19:24	-1.1	2.2

## 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 4
	%	%
26/11/2021 19:30	-1.1	2.2
26/11/2021 19:36	-1.1	2.2
26/11/2021 19:42	-1.1	2.2
26/11/2021 19:48	-1.1	2.2
26/11/2021 19:54	-1.1	2.2
26/11/2021 20:00	-1.1	2.2
26/11/2021 20:06	-1.1	2.3
26/11/2021 20:12	-1.1	2.3
26/11/2021 20:18	-1.1	2.3
26/11/2021 20:24	-1.1	2.3
26/11/2021 20:30	-1.1	2.3
26/11/2021 20:36	-1.1	2.3
26/11/2021 20:42	-1.1	2.3
26/11/2021 20:48	-1.1	2.3
26/11/2021 20:54	-1.1	2.3
26/11/2021 21:00	-1.1	2.3
26/11/2021 21:06	-1.1	2.3
26/11/2021 21:12	-1.1	2.3
26/11/2021 21:18	-1.1	2.3
26/11/2021 21:24	-1.1	2.3
26/11/2021 21:30	-1.1	2.3
26/11/2021 21:36	-1.1	2.3
26/11/2021 21:42	-1.1	2.3
26/11/2021 21:48	-1.1	2.3
26/11/2021 21:54	-1.1	2.3
26/11/2021 22:00	-1.1	2.3
26/11/2021 22:06	-1.1	2.3
26/11/2021 22:12	-1.1	2.3
26/11/2021 22:18	-1.1	2.3
26/11/2021 22:24	-1.1	2.3
26/11/2021 22:30	-1.1	2.3
26/11/2021 22:36	-1.1	2.4
26/11/2021 22:42	-1.1	2.4
26/11/2021 22:48	-1.1	2.4
26/11/2021 22:54	-1.1	2.4
26/11/2021 23:00	-1.1	2.4
26/11/2021 23:06	-1.1	2.4
26/11/2021 23:12	-1.1	2.4
26/11/2021 23:18	-1.1	2.4
26/11/2021 23:24	-1.1	2.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/11/2021 23:30	-1.1	2.4
26/11/2021 23:36	-1.1	2.4
26/11/2021 23:42	-1.1	2.4
26/11/2021 23:48	-1.1	2.4
26/11/2021 23:54	-1.1	2.4
27/11/2021 00:00	-1.1	2.4
27/11/2021 00:06	-1.1	2.4
27/11/2021 00:12	-1.1	2.4
27/11/2021 00:18	-1.1	2.4
27/11/2021 00:24	-1.1	2.4
27/11/2021 00:30	-1.1	2.4
27/11/2021 00:36	-1.1	2.4
27/11/2021 00:42	-1.1	2.4
27/11/2021 00:48	-1.1	2.4
27/11/2021 00:54	-1.1	2.4
27/11/2021 01:00	-1.1	2.4
27/11/2021 01:06	-1.1	2.4
27/11/2021 01:12	-1.1	2.4
27/11/2021 01:18	-1.1	2.4
27/11/2021 01:24	-1.1	2.4
27/11/2021 01:30	-1.1	2.4
27/11/2021 01:36	-1.1	2.4
27/11/2021 01:42	-1.1	2.4
27/11/2021 01:48	-1.1	2.4
27/11/2021 01:54	-1.1	2.4
27/11/2021 02:00	-1.1	2.4
27/11/2021 02:06	-1.1	2.4
27/11/2021 02:12	-1.1	2.5
27/11/2021 02:18	-1.1	2.5
27/11/2021 02:24	-1.1	2.5
27/11/2021 02:30	-1.1	2.5
27/11/2021 02:36	-1.1	2.5
27/11/2021 02:42	-1.1	2.5
27/11/2021 02:48	-1.1	2.5
27/11/2021 02:54	-1.1	2.5
27/11/2021 03:00	-1.1	2.5
27/11/2021 03:06	-1.1	2.5
27/11/2021 03:12	-1.1	2.5
27/11/2021 03:18	-1.1	2.5
27/11/2021 03:24	-1.1	2.5



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 03:30	-1.1	2.5
27/11/2021 03:36	-1.1	2.5
27/11/2021 03:42	-1.1	2.5
27/11/2021 03:48	-1.1	2.5
27/11/2021 03:54	-1.1	2.5
27/11/2021 04:00	-1.1	2.5
27/11/2021 04:06	-1.1	2.5
27/11/2021 04:12	-1.1	2.5
27/11/2021 04:18	-1.1	2.5
27/11/2021 04:24	-1.1	2.5
27/11/2021 04:30	-1.1	2.5
27/11/2021 04:36	-1.1	2.5
27/11/2021 04:42	-1.2	2.5
27/11/2021 04:48	-1.2	2.5
27/11/2021 04:54	-1.2	2.5
27/11/2021 05:00	-1.2	2.5
27/11/2021 05:06	-1.2	2.5
27/11/2021 05:12	-1.1	2.5
27/11/2021 05:18	-1.1	2.5
27/11/2021 05:24	-1.2	2.5
27/11/2021 05:30	-1.2	2.5
27/11/2021 05:36	-1.2	2.5
27/11/2021 05:42	-1.2	2.5
27/11/2021 05:48	-1.2	2.5
27/11/2021 05:54	-1.2	2.5
27/11/2021 06:00	-1.2	2.5
27/11/2021 06:06	-1.2	2.6
27/11/2021 06:12	-1.2	2.5
27/11/2021 06:18	-1.2	2.5
27/11/2021 06:24	-1.2	2.5
27/11/2021 06:30	-1.2	2.5
27/11/2021 06:36	-1.2	2.6
27/11/2021 06:42	-1.2	2.6
27/11/2021 06:48	-1.2	2.6
27/11/2021 06:54	-1.2	2.5
27/11/2021 07:00	-1.2	2.6
27/11/2021 07:06	-1.2	2.6
27/11/2021 07:12	-1.2	2.6
27/11/2021 07:18	-1.2	2.6
27/11/2021 07:24	-1.2	2.6

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 07:30	-1.2	2.6
27/11/2021 07:36	-1.2	2.6
27/11/2021 07:42	-1.2	2.6
27/11/2021 07:48	-1.2	2.6
27/11/2021 07:54	-1.2	2.6
27/11/2021 08:00	-1.2	2.6
27/11/2021 08:06	-1.2	2.6
27/11/2021 08:12	-1.2	2.6
27/11/2021 08:18	-1.2	2.6
27/11/2021 08:24	-1.1	2.6
27/11/2021 08:30	-1.1	2.6
27/11/2021 08:36	-1.1	2.6
27/11/2021 08:42	-1.1	2.6
27/11/2021 08:48	-1.1	2.6
27/11/2021 08:54	-1.1	2.6
27/11/2021 09:00	-1.1	2.6
27/11/2021 09:06	-1.1	2.6
27/11/2021 09:12	-1.1	2.6
27/11/2021 09:18	-1.1	2.6
27/11/2021 09:24	-1.1	2.6
27/11/2021 09:30	-1.1	2.6
27/11/2021 09:36	-1.1	2.6
27/11/2021 09:42	-1.1	2.6
27/11/2021 09:48	-1.1	2.6
27/11/2021 09:54	-1.1	2.6
27/11/2021 10:00	-1.1	2.6
27/11/2021 10:06	-1.1	2.6
27/11/2021 10:12	-1.1	16.4
27/11/2021 10:18	-1.1	31.2
27/11/2021 10:24	-1.1	23.7
27/11/2021 10:30	-1.1	12.9
27/11/2021 10:36	-1.1	3.6
27/11/2021 10:42	-1.1	2.7
27/11/2021 10:48	-1.1	2.5
27/11/2021 10:54	-1.1	2.4
27/11/2021 11:00	-1.1	2.4
27/11/2021 11:06	-1.1	2.4
27/11/2021 11:12	-1.1	2.4
27/11/2021 11:18	-1.1	2.4
27/11/2021 11:24	-1.1	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  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 11:30	-1.1	2.4
27/11/2021 11:36	-1.1	2.5
27/11/2021 11:42	-1.1	2.5
27/11/2021 11:48	-1.1	2.5
27/11/2021 11:54	-1.1	2.5
27/11/2021 12:00	-1	2.5
27/11/2021 12:06	-0.8	2.5
27/11/2021 12:12	-0.8	2.6
27/11/2021 12:18	-0.8	2.5
27/11/2021 12:24	-0.8	2.5
27/11/2021 12:30	-0.8	2.5
27/11/2021 12:36	-0.8	2.6
27/11/2021 12:42	-0.8	2.6
27/11/2021 12:48	-0.8	2.6
27/11/2021 12:54	-0.8	2.6
27/11/2021 13:00	-0.8	2.6
27/11/2021 13:06	-0.8	2.6
27/11/2021 13:12	-0.8	2.6
27/11/2021 13:18	-0.8	2.6
27/11/2021 13:24	-0.8	2.6
27/11/2021 13:30	-0.8	2.6
27/11/2021 13:36	-0.8	2.6
27/11/2021 13:42	-0.8	2.6
27/11/2021 13:48	-0.8	2.6
27/11/2021 13:54	-0.8	2.6
27/11/2021 14:00	-0.8	2.6
27/11/2021 14:06	-0.8	2.6
27/11/2021 14:12	-0.8	2.6
27/11/2021 14:18	-0.8	2.6
27/11/2021 14:24	-0.8	2.6
27/11/2021 14:30	-0.8	2.6
27/11/2021 14:36	-0.8	2.6
27/11/2021 14:42	-0.8	2.6
27/11/2021 14:48	-0.8	2.6
27/11/2021 14:54	-0.8	2.6
27/11/2021 15:00	-0.8	2.6
27/11/2021 15:06	-0.8	2.6
27/11/2021 15:12	-0.7	2.6
27/11/2021 15:18	-0.7	2.6
27/11/2021 15:24	-0.7	2.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 15:30	-0.7	2.6
27/11/2021 15:36	-0.7	2.6
27/11/2021 15:42	-0.7	2.6
27/11/2021 15:48	-0.7	2.6
27/11/2021 15:54	-0.7	2.6
27/11/2021 16:00	-0.7	2.6
27/11/2021 16:06	-0.8	2.6
27/11/2021 16:12	-0.8	2.6
27/11/2021 16:18	-0.8	2.6
27/11/2021 16:24	-0.8	2.6
27/11/2021 16:30	-0.8	2.6
27/11/2021 16:36	-0.8	2.6
27/11/2021 16:42	-0.8	2.6
27/11/2021 16:48	-0.8	2.6
27/11/2021 16:54	-0.8	2.6
27/11/2021 17:00	-0.8	2.7
27/11/2021 17:06	-0.8	2.7
27/11/2021 17:12	-0.8	2.7
27/11/2021 17:18	-0.8	2.7
27/11/2021 17:24	-0.8	2.7
27/11/2021 17:30	-0.8	2.7
27/11/2021 17:36	-0.8	2.7
27/11/2021 17:42	-0.8	2.7
27/11/2021 17:48	-0.8	2.7
27/11/2021 17:54	-0.8	3.8
27/11/2021 18:00	-0.9	11.1
27/11/2021 18:06	-0.9	22.8
27/11/2021 18:12	-0.9	20
27/11/2021 18:18	-0.9	14.6
27/11/2021 18:24	-0.9	20.6
27/11/2021 18:30	-0.9	18.7
27/11/2021 18:36	-0.9	11.7
27/11/2021 18:42	-0.9	5.1
27/11/2021 18:48	-0.9	7
27/11/2021 18:54	-0.9	6
27/11/2021 19:00	-0.9	4
27/11/2021 19:06	-0.9	3.5
27/11/2021 19:12	-0.9	3.4
27/11/2021 19:18	-0.9	3.3
27/11/2021 19:24	-0.9	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 19:30	-0.9	3.3
27/11/2021 19:36	-0.9	3.3
27/11/2021 19:42	-0.9	3.3
27/11/2021 19:48	-0.9	3.3
27/11/2021 19:54	-0.9	3.3
27/11/2021 20:00	-0.9	3.3
27/11/2021 20:06	-0.9	3.3
27/11/2021 20:12	-0.9	3.3
27/11/2021 20:18	-0.9	3.3
27/11/2021 20:24	-0.9	3.3
27/11/2021 20:30	-0.9	3.3
27/11/2021 20:36	-0.9	3.2
27/11/2021 20:42	-0.9	3.2
27/11/2021 20:48	-0.9	3.2
27/11/2021 20:54	-0.9	3.2
27/11/2021 21:00	-0.9	3.2
27/11/2021 21:06	-0.8	3.2
27/11/2021 21:12	-0.8	3.2
27/11/2021 21:18	-0.8	3.2
27/11/2021 21:24	-0.8	3.2
27/11/2021 21:30	-0.8	3.2
27/11/2021 21:36	-0.8	3.4
27/11/2021 21:42	-0.8	3.5
27/11/2021 21:48	-0.8	3.4
27/11/2021 21:54	-0.8	3.4
27/11/2021 22:00	-0.8	3.4
27/11/2021 22:06	-0.8	3.4
27/11/2021 22:12	-0.8	3.5
27/11/2021 22:18	-0.8	3.5
27/11/2021 22:24	-0.8	3.5
27/11/2021 22:30	-0.8	3.5
27/11/2021 22:36	-0.8	3.5
27/11/2021 22:42	-0.8	3.5
27/11/2021 22:48	-0.8	3.5
27/11/2021 22:54	-0.8	3.5
27/11/2021 23:00	-0.8	3.5
27/11/2021 23:06	-0.8	3.6
27/11/2021 23:12	-0.8	3.6
27/11/2021 23:18	-0.8	3.6
27/11/2021 23:24	-0.8	3.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
27/11/2021 23:30	-0.8	3.5
27/11/2021 23:36	-0.8	3.5
27/11/2021 23:42	-0.8	3.5
27/11/2021 23:48	-0.8	3.5
27/11/2021 23:54	-0.8	3.5
28/11/2021 00:00	-0.8	3.5
28/11/2021 00:06	-0.8	3.6
28/11/2021 00:12	-0.8	3.6
28/11/2021 00:18	-0.8	3.6
28/11/2021 00:24	-0.8	3.6
28/11/2021 00:30	-0.8	3.6
28/11/2021 00:36	-0.8	3.6
28/11/2021 00:42	-0.8	3.6
28/11/2021 00:48	-0.8	3.6
28/11/2021 00:54	-0.8	3.5
28/11/2021 01:00	-0.8	3.6
28/11/2021 01:06	-0.9	3.6
28/11/2021 01:12	-0.9	3.5
28/11/2021 01:18	-0.9	3.5
28/11/2021 01:24	-0.9	3.5
28/11/2021 01:30	-0.9	3.5
28/11/2021 01:36	-0.9	3.5
28/11/2021 01:42	-0.9	3.5
28/11/2021 01:48	-0.9	3.5
28/11/2021 01:54	-0.9	3.5
28/11/2021 02:00	-0.9	3.5
28/11/2021 02:06	-0.9	3.5
28/11/2021 02:12	-0.9	3.5
28/11/2021 02:18	-0.9	3.5
28/11/2021 02:24	-0.9	3.6
28/11/2021 02:30	-0.9	3.6
28/11/2021 02:36	-0.9	3.6
28/11/2021 02:42	-0.9	3.6
28/11/2021 02:48	-0.9	3.6
28/11/2021 02:54	-0.9	3.6
28/11/2021 03:00	-0.9	3.6
28/11/2021 03:06	-0.9	3.6
28/11/2021 03:12	-0.9	3.6
28/11/2021 03:18	-0.9	3.6
28/11/2021 03:24	-0.9	3.6

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Date & Time	PE 1	PE 4
	%	%
28/11/2021 03:30	-0.9	3.6
28/11/2021 03:36	-0.9	3.6
28/11/2021 03:42	-0.9	3.6
28/11/2021 03:48	-0.9	3.6
28/11/2021 03:54	-0.9	3.6
28/11/2021 04:00	-0.9	3.4
28/11/2021 04:06	-0.9	3.3
28/11/2021 04:12	-0.9	3.3
28/11/2021 04:18	-0.9	3.3
28/11/2021 04:24	-0.9	3.3
28/11/2021 04:30	-0.9	3.3
28/11/2021 04:36	-0.9	3.3
28/11/2021 04:42	-0.9	3.3
28/11/2021 04:48	-0.9	3.3
28/11/2021 04:54	-0.9	3.4
28/11/2021 05:00	-0.9	3.4
28/11/2021 05:06	-0.9	3.4
28/11/2021 05:12	-0.9	3.4
28/11/2021 05:18	-0.9	3.4
28/11/2021 05:24	-0.9	3.4
28/11/2021 05:30	-0.9	3.4
28/11/2021 05:36	-0.9	3.4
28/11/2021 05:42	-0.9	3.5
28/11/2021 05:48	-0.9	3.5
28/11/2021 05:54	-0.9	3.5
28/11/2021 06:00	-0.9	3.5
28/11/2021 06:06	-0.9	3.5
28/11/2021 06:12	-0.9	3.5
28/11/2021 06:18	-0.9	3.5
28/11/2021 06:24	-0.9	3.5
28/11/2021 06:30	-0.9	3.5
28/11/2021 06:36	-0.9	3.4
28/11/2021 06:42	-0.9	3.4
28/11/2021 06:48	-0.9	3.5
28/11/2021 06:54	-0.9	3.5
28/11/2021 07:00	-0.9	3.5
28/11/2021 07:06	-0.9	3.4
28/11/2021 07:12	-0.8	3.4
28/11/2021 07:18	-0.8	3.4
28/11/2021 07:24	-0.8	3.4

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/11/2021 07:30	-0.8	3.4
28/11/2021 07:36	-0.8	3.4
28/11/2021 07:42	-0.8	3.4
28/11/2021 07:48	-0.8	3.4
28/11/2021 07:54	-0.8	3.4
28/11/2021 08:00	-0.8	3.4
28/11/2021 08:06	-0.8	3.4
28/11/2021 08:12	-0.8	3.4
28/11/2021 08:18	-0.8	3.4
28/11/2021 08:24	-0.8	3.4
28/11/2021 08:30	-0.8	3.4
28/11/2021 08:36	-0.8	3.4
28/11/2021 08:42	-0.8	3.4
28/11/2021 08:48	-0.8	3.4
28/11/2021 08:54	-0.8	3.4
28/11/2021 09:00	-0.8	3.4
28/11/2021 09:06	-0.8	3.4
28/11/2021 09:12	-0.8	3.4
28/11/2021 09:18	-0.8	3.4
28/11/2021 09:24	-0.8	3.4
28/11/2021 09:30	-0.8	3.4
28/11/2021 09:36	-0.8	3.4
28/11/2021 09:42	-0.8	3.4
28/11/2021 09:48	-0.8	3.4
28/11/2021 09:54	-0.8	3.4
28/11/2021 10:00	-0.8	3.4
28/11/2021 10:06	-0.8	3.4
28/11/2021 10:12	-0.8	3.4
28/11/2021 10:18	-0.8	3.4
28/11/2021 10:24	-0.8	3.4
28/11/2021 10:30	-0.8	3.5
28/11/2021 10:36	-0.8	3.5
28/11/2021 10:42	-0.8	3.5
28/11/2021 10:48	-0.8	3.4
28/11/2021 10:54	-0.8	3.4
28/11/2021 11:00	-0.8	3.4
28/11/2021 11:06	-0.8	3.4
28/11/2021 11:12	-0.8	3.5
28/11/2021 11:18	-0.8	3.5
28/11/2021 11:24	-0.8	3.5



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/11/2021 11:30	-0.8	3.5
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28/11/2021 11:54	-0.8	3.4
28/11/2021 12:00	-0.8	3.4
28/11/2021 12:06	-0.9	3.4
28/11/2021 12:12	-0.9	3.4
28/11/2021 12:18	-0.9	3.4
28/11/2021 12:24	-0.9	3.4
28/11/2021 12:30	-0.9	3.4
28/11/2021 12:36	-0.9	3.4
28/11/2021 12:42	-0.9	3.4
28/11/2021 12:48	-0.9	3.4
28/11/2021 12:54	-0.9	3.4
28/11/2021 13:00	-0.9	3.5
28/11/2021 13:06	-0.9	3.5
28/11/2021 13:12	-0.8	3.5
28/11/2021 13:18	-0.8	3.5
28/11/2021 13:24	-0.8	3.4
28/11/2021 13:30	-0.8	3.4
28/11/2021 13:36	-0.8	3.4
28/11/2021 13:42	-0.8	3.4
28/11/2021 13:48	-0.8	3.4
28/11/2021 13:54	-0.8	3.4
28/11/2021 14:00	-0.8	3.4
28/11/2021 14:06	-0.8	3.4
28/11/2021 14:12	-0.8	3.3
28/11/2021 14:18	-0.8	3.3
28/11/2021 14:24	-0.8	3.3
28/11/2021 14:30	-0.8	3.3
28/11/2021 14:36	-0.8	3.3
28/11/2021 14:42	-0.8	3.3
28/11/2021 14:48	-0.8	3.3
28/11/2021 14:54	-0.8	3.4
28/11/2021 15:00	-0.8	3.4
28/11/2021 15:06	-0.8	3.4
28/11/2021 15:12	-0.8	3.4
28/11/2021 15:18	-0.8	3.4
28/11/2021 15:24	-0.8	3.4

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/11/2021 15:30	-0.8	3.4
28/11/2021 15:36	-0.8	3.4
28/11/2021 15:42	-0.8	3.4
28/11/2021 15:48	-0.8	3.4
28/11/2021 15:54	-0.8	3.4
28/11/2021 16:00	-0.8	3.4
28/11/2021 16:06	-0.8	3.4
28/11/2021 16:12	-0.8	3.4
28/11/2021 16:18	-0.8	3.4
28/11/2021 16:24	-0.8	3.4
28/11/2021 16:30	-0.8	3.4
28/11/2021 16:36	-0.8	3.4
28/11/2021 16:42	-0.8	3.4
28/11/2021 16:48	-0.8	3.4
28/11/2021 16:54	-0.8	3.4
28/11/2021 17:00	-0.8	3.4
28/11/2021 17:06	-0.8	3.4
28/11/2021 17:12	-0.8	3.4
28/11/2021 17:18	-0.8	3.4
28/11/2021 17:24	-0.8	3.4
28/11/2021 17:30	-0.8	3.5
28/11/2021 17:36	-0.8	3.4
28/11/2021 17:42	-0.8	3.4
28/11/2021 17:48	-0.8	3.4
28/11/2021 17:54	-0.8	3.4
28/11/2021 18:00	-0.8	3.4
28/11/2021 18:06	-0.8	3.4
28/11/2021 18:12	-0.8	3.5
28/11/2021 18:18	-0.8	3.4
28/11/2021 18:24	-0.8	3.4
28/11/2021 18:30	-0.8	3.4
28/11/2021 18:36	-0.8	3.4
28/11/2021 18:42	-0.8	3.3
28/11/2021 18:48	-0.8	3.3
28/11/2021 18:54	-0.8	3.4
28/11/2021 19:00	-0.8	3.3
28/11/2021 19:06	-0.8	3.4
28/11/2021 19:12	-0.8	3.4
28/11/2021 19:18	-0.8	3.4
28/11/2021 19:24	-0.8	3.4

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/11/2021 19:30	-0.8	3.4
28/11/2021 19:36	-0.8	3.4
28/11/2021 19:42	-0.8	3.4
28/11/2021 19:48	-0.8	3.3
28/11/2021 19:54	-0.8	3.3
28/11/2021 20:00	-0.8	3.4
28/11/2021 20:06	-0.8	3.4
28/11/2021 20:12	-0.8	3.4
28/11/2021 20:18	-0.8	3.4
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28/11/2021 20:36	-0.8	3.4
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28/11/2021 20:54	-0.8	3.4
28/11/2021 21:00	-0.8	3.4
28/11/2021 21:06	-0.8	3.4
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28/11/2021 21:18	-0.8	3.4
28/11/2021 21:24	-0.8	3.4
28/11/2021 21:30	-0.8	3.4
28/11/2021 21:36	-0.8	3.4
28/11/2021 21:42	-0.8	3.5
28/11/2021 21:48	-0.8	3.5
28/11/2021 21:54	-0.8	3.5
28/11/2021 22:00	-0.8	3.5
28/11/2021 22:06	-0.8	3.4
28/11/2021 22:12	-0.8	3.4
28/11/2021 22:18	-0.8	3.4
28/11/2021 22:24	-0.8	3.4
28/11/2021 22:30	-0.8	3.4
28/11/2021 22:36	-0.8	3.4
28/11/2021 22:42	-0.8	3.5
28/11/2021 22:48	-0.8	3.5
28/11/2021 22:54	-0.8	3.5
28/11/2021 23:00	-0.8	3.5
28/11/2021 23:06	-0.8	3.5
28/11/2021 23:12	-0.8	3.5
28/11/2021 23:18	-0.8	3.5
28/11/2021 23:24	-0.8	3.5

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/11/2021 23:30	-0.8	3.5
28/11/2021 23:36	-0.8	3.5
28/11/2021 23:42	-0.8	3.5
28/11/2021 23:48	-0.8	3.5
28/11/2021 23:54	-0.8	3.5
29/11/2021 00:00	-0.8	3.5
29/11/2021 00:06	-0.8	3.5
29/11/2021 00:12	-0.8	3.5
29/11/2021 00:18	-0.8	3.5
29/11/2021 00:24	-0.8	3.5
29/11/2021 00:30	-0.8	3.5
29/11/2021 00:36	-0.8	3.5
29/11/2021 00:42	-0.8	3.5
29/11/2021 00:48	-0.8	3.5
29/11/2021 00:54	-0.8	3.5
29/11/2021 01:00	-0.8	3.5
29/11/2021 01:06	-0.8	3.5
29/11/2021 01:12	-0.8	3.5
29/11/2021 01:18	-0.8	3.5
29/11/2021 01:24	-0.8	3.4
29/11/2021 01:30	-0.8	3.4
29/11/2021 01:36	-0.8	3.4
29/11/2021 01:42	-0.8	3.3
29/11/2021 01:48	-0.8	3.3
29/11/2021 01:54	-0.8	3.3
29/11/2021 02:00	-0.8	3.3
29/11/2021 02:06	-0.8	3.3
29/11/2021 02:12	-0.8	3.3
29/11/2021 02:18	-0.8	3.3
29/11/2021 02:24	-0.8	3.3
29/11/2021 02:30	-0.8	3.3
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29/11/2021 02:54	-0.8	3.4
29/11/2021 03:00	-0.8	3.4
29/11/2021 03:06	-0.8	3.4
29/11/2021 03:12	-0.8	3.4
29/11/2021 03:18	-0.8	3.4
29/11/2021 03:24	-0.8	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/11/2021 03:30	-0.8	3.4
29/11/2021 03:36	-0.8	3.3
29/11/2021 03:42	-0.8	3.3
29/11/2021 03:48	-0.8	3.4
29/11/2021 03:54	-0.8	3.3
29/11/2021 04:00	-0.8	3.3
29/11/2021 04:06	-0.8	3.3
29/11/2021 04:12	-0.8	3.3
29/11/2021 04:18	-0.8	3.3
29/11/2021 04:24	-0.8	3.3
29/11/2021 04:30	-0.8	3.3
29/11/2021 04:36	-0.8	3.3
29/11/2021 04:42	-0.8	3.3
29/11/2021 04:48	-0.8	3.3
29/11/2021 04:54	-0.8	3.3
29/11/2021 05:00	-0.8	3.3
29/11/2021 05:06	-0.8	3.3
29/11/2021 05:12	-0.8	3.3
29/11/2021 05:18	-0.8	3.3
29/11/2021 05:24	-0.8	3.3
29/11/2021 05:30	-0.8	3.3
29/11/2021 05:36	-0.8	3.3
29/11/2021 05:42	-0.8	3.3
29/11/2021 05:48	-0.8	3.3
29/11/2021 05:54	-0.8	3.4
29/11/2021 06:00	-0.8	3.3
29/11/2021 06:06	-0.8	3.3
29/11/2021 06:12	-0.8	3.3
29/11/2021 06:18	-0.8	3.3
29/11/2021 06:24	-0.8	3.3
29/11/2021 06:30	-0.8	3.3
29/11/2021 06:36	-0.8	3.3
29/11/2021 06:42	-0.8	3.3
29/11/2021 06:48	-0.9	3.3
29/11/2021 06:54	-0.9	3.3
29/11/2021 07:00	-0.9	3.3
29/11/2021 07:06	-0.9	3.3
29/11/2021 07:12	-0.9	3.4
29/11/2021 07:18	-0.9	3.3
29/11/2021 07:24	-0.9	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/11/2021 07:30	-0.9	3.3
29/11/2021 07:36	-0.9	3.3
29/11/2021 07:42	-0.9	3.3
29/11/2021 07:48	-0.9	3.3
29/11/2021 07:54	-0.9	3.4
29/11/2021 08:00	-0.9	3.4
29/11/2021 08:06	-0.9	3.4
29/11/2021 08:12	-0.9	3.3
29/11/2021 08:18	-0.9	3.3
29/11/2021 08:24	-0.9	3.3
29/11/2021 08:30	-0.9	3.3
29/11/2021 08:36	-0.9	3.3
29/11/2021 08:42	-0.9	3.3
29/11/2021 08:48	-0.9	3.3
29/11/2021 08:54	-0.9	3.3
29/11/2021 09:00	-0.9	3.4
29/11/2021 09:06	-0.9	3.4
29/11/2021 09:12	-0.9	3.4
29/11/2021 09:18	-0.9	3.4
29/11/2021 09:24	-0.9	3.3
29/11/2021 09:30	-0.9	3.3
29/11/2021 09:36	-0.9	3.3
29/11/2021 09:42	-0.9	3.3
29/11/2021 09:48	-0.9	3.3
29/11/2021 09:54	-0.9	3.3
29/11/2021 10:00	-0.9	3.3
29/11/2021 10:06	-0.9	3.3
29/11/2021 10:12	-0.9	3.3
29/11/2021 10:18	-0.9	3.3
29/11/2021 10:24	-0.8	3.3
29/11/2021 10:30	-0.8	3.3
29/11/2021 10:36	-0.8	3.3
29/11/2021 10:42	-0.8	3.2
29/11/2021 10:48	-0.8	3.3
29/11/2021 10:54	-0.8	3.3
29/11/2021 11:00	-0.8	3.3
29/11/2021 11:06	-0.8	3.3
29/11/2021 11:12	-0.8	3.3
29/11/2021 11:18	-0.8	3.3
29/11/2021 11:24	-0.8	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/11/2021 11:30	-0.7	3.3
29/11/2021 11:36	-0.7	3.3
29/11/2021 11:42	-0.7	3.3
29/11/2021 11:48	-0.7	3.3
29/11/2021 11:54	-0.7	3.3
29/11/2021 12:00	-0.7	3.2
29/11/2021 12:06	-0.8	3.3
29/11/2021 12:12	-0.8	3.2
29/11/2021 12:18	-0.9	3.2
29/11/2021 12:24	-0.9	3.2
29/11/2021 12:30	-0.9	3.3
29/11/2021 12:36	-0.9	3.3
29/11/2021 12:42	-0.9	3.3
29/11/2021 12:48	-0.9	3.3
29/11/2021 12:54	-0.9	3.3
29/11/2021 13:00	-0.9	3.3
29/11/2021 13:06	-0.9	3.3
29/11/2021 13:12	-0.9	3.3
29/11/2021 13:18	-0.9	4.1
29/11/2021 13:24	-0.9	4.6
29/11/2021 13:30	-0.9	4.5
29/11/2021 13:36	-0.9	4.6
29/11/2021 13:42	-0.9	4.6
29/11/2021 13:48	-0.9	4.6
29/11/2021 13:54	-0.9	4.6
29/11/2021 14:00	-0.9	4.6
29/11/2021 14:06	-1	4.6
29/11/2021 14:12	-1	4.6
29/11/2021 14:18	-1	4.6
29/11/2021 14:24	-1	4.6
29/11/2021 14:30	-1	4.5
29/11/2021 14:36	-1	4.5
29/11/2021 14:42	-1	4.5
29/11/2021 14:48	-1	4.5
29/11/2021 14:54	-1	4.5
29/11/2021 15:00	-1	4.5
29/11/2021 15:06	-1	4.5
29/11/2021 15:12	-1	4.5
29/11/2021 15:18	-1	4.5
29/11/2021 15:24	-1	4.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/11/2021 15:30	-1	4.5
29/11/2021 15:36	-1	4.4
29/11/2021 15:42	-1	4.5
29/11/2021 15:48	-1	4.5
29/11/2021 15:54	-1	4.5
29/11/2021 16:00	-1	4.5
29/11/2021 16:06	-1	4.5
29/11/2021 16:12	-1	4.5
29/11/2021 16:18	-1	4.5
29/11/2021 16:24	-1	4.5
29/11/2021 16:30	-1	4.5
29/11/2021 16:36	-1	4.5
29/11/2021 16:42	-1	4.5
29/11/2021 16:48	-1	4.5
29/11/2021 16:54	-1	4.5
29/11/2021 17:00	-1	4.5
29/11/2021 17:06	-1	4.5
29/11/2021 17:12	-1	4.5
29/11/2021 17:18	-1	4.5
29/11/2021 17:24	-1	4.5
29/11/2021 17:30	-1	4.5
29/11/2021 17:36	-1	4.6
29/11/2021 17:42	-1	4.6
29/11/2021 17:48	-1	4.6
29/11/2021 17:54	-1	4.6
29/11/2021 18:00	-1	4.6
29/11/2021 18:06	-1	4.6
29/11/2021 18:12	-1.1	4.5
29/11/2021 18:18	-1.1	4.2
29/11/2021 18:24	-1.1	4.3
29/11/2021 18:30	-1.1	4.3
29/11/2021 18:36	-1.1	4.2
29/11/2021 18:42	-1.1	4.3
29/11/2021 18:48	-1.1	4.3
29/11/2021 18:54	-1.1	4.3
29/11/2021 19:00	-1.1	4.3
29/11/2021 19:06	-1.1	4.3
29/11/2021 19:12	-1.1	4.3
29/11/2021 19:18	-1.1	4.3
29/11/2021 19:24	-1.1	4.3



## 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 4
	%	%
29/11/2021 19:30	-1.1	4.3
29/11/2021 19:36	-1.1	4.3
29/11/2021 19:42	-1.1	4.3
29/11/2021 19:48	-1.1	4.3
29/11/2021 19:54	-1.1	4.3
29/11/2021 20:00	-1.1	4.2
29/11/2021 20:06	-1.1	4.2
29/11/2021 20:12	-1.1	4.3
29/11/2021 20:18	-1.1	4.3
29/11/2021 20:24	-1.1	4.3
29/11/2021 20:30	-1.1	4.2
29/11/2021 20:36	-1.1	4.2
29/11/2021 20:42	-1.1	4.3
29/11/2021 20:48	-1.1	4.3
29/11/2021 20:54	-1.1	4.3
29/11/2021 21:00	-1.1	4.3
29/11/2021 21:06	-1.1	4.3
29/11/2021 21:12	-1.1	4.3
29/11/2021 21:18	-1.1	4.3
29/11/2021 21:24	-1.1	4.3
29/11/2021 21:30	-1.1	4.3
29/11/2021 21:36	-1.2	4.3
29/11/2021 21:42	-1.2	4.3
29/11/2021 21:48	-1.2	4.3
29/11/2021 21:54	-1.1	4.3
29/11/2021 22:00	-1.1	4.3
29/11/2021 22:06	-1.1	4.3
29/11/2021 22:12	-1.1	4.3
29/11/2021 22:18	-1.1	4.2
29/11/2021 22:24	-1.1	4.3
29/11/2021 22:30	-1.1	4.2
29/11/2021 22:36	-1.1	4.3
29/11/2021 22:42	-1.1	4.3
29/11/2021 22:48	-1.1	4.3
29/11/2021 22:54	-1.1	4.3
29/11/2021 23:00	-1.1	4.3
29/11/2021 23:06	-1.1	4.3
29/11/2021 23:12	-1.1	4.3
29/11/2021 23:18	-1.1	4.3
29/11/2021 23:24	-1.1	4.4

## 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  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/11/2021 23:30	-1.1	4.4
29/11/2021 23:36	-1.1	4.4
29/11/2021 23:42	-0.9	4.4
29/11/2021 23:48	-0.7	4.4
29/11/2021 23:54	-0.8	4.4
30/11/2021 00:00	-1	4.4
30/11/2021 00:06	-1.1	4.4
30/11/2021 00:12	-1.1	4.4
30/11/2021 00:18	-1.1	4.3
30/11/2021 00:24	-1.1	4.3
30/11/2021 00:30	-1.1	4.3
30/11/2021 00:36	-1.1	4.3
30/11/2021 00:42	-1.1	4.3
30/11/2021 00:48	-1.1	4.3
30/11/2021 00:54	-1.1	4.3
30/11/2021 01:00	-1.2	4.3
30/11/2021 01:06	-1.2	4.4
30/11/2021 01:12	-1.1	4.3
30/11/2021 01:18	-1.1	4.3
30/11/2021 01:24	-1.1	4.3
30/11/2021 01:30	-1.1	4.3
30/11/2021 01:36	-1.2	4.4
30/11/2021 01:42	-1.2	4.3
30/11/2021 01:48	-1.1	4.3
30/11/2021 01:54	-1.1	4.3
30/11/2021 02:00	-1.2	4.4
30/11/2021 02:06	-1.2	4.3
30/11/2021 02:12	-1.1	4.3
30/11/2021 02:18	-1.1	4.3
30/11/2021 02:24	-1.1	4.3
30/11/2021 02:30	-1.1	4.3
30/11/2021 02:36	-1.2	4.3
30/11/2021 02:42	-1.2	4.3
30/11/2021 02:48	-1.2	3.7
30/11/2021 02:54	-1.2	2.5
30/11/2021 03:00	-1.2	2.1
30/11/2021 03:06	-1.2	2.1
30/11/2021 03:12	-1.2	2.1
30/11/2021 03:18	-1.2	2.1
30/11/2021 03:24	-1.2	2.1

## 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 4
	%	%
30/11/2021 03:30	-1.2	2.1
30/11/2021 03:36	-1.2	2.1
30/11/2021 03:42	-1.2	2.1
30/11/2021 03:48	-1.2	2.1
30/11/2021 03:54	-1.2	2.1
30/11/2021 04:00	-1.2	2.1
30/11/2021 04:06	-1.2	2.1
30/11/2021 04:12	-1.2	2.1
30/11/2021 04:18	-1.2	2.1
30/11/2021 04:24	-1.2	2.1
30/11/2021 04:30	-1.2	2.1
30/11/2021 04:36	-1.2	2.1
30/11/2021 04:42	-1.2	2.1
30/11/2021 04:48	-1.2	2.1
30/11/2021 04:54	-1.2	2.1
30/11/2021 05:00	-1.2	2.1
30/11/2021 05:06	-1.2	2.1
30/11/2021 05:12	-1.2	2.1
30/11/2021 05:18	-1.2	2.1
30/11/2021 05:24	-1.2	2.1
30/11/2021 05:30	-1.2	2.1
30/11/2021 05:36	-1.2	2.1
30/11/2021 05:42	-1.2	2.1
30/11/2021 05:48	-1.2	2.1
30/11/2021 05:54	-1.2	2.1
30/11/2021 06:00	-1.2	2.1
30/11/2021 06:06	-1.2	2.1
30/11/2021 06:12	-1.2	2.1
30/11/2021 06:18	-1.2	2.1
30/11/2021 06:24	-1.2	2.1
30/11/2021 06:30	-1.2	2.1
30/11/2021 06:36	-1.2	2.1
30/11/2021 06:42	-1.2	2.1
30/11/2021 06:48	-1.2	2.1
30/11/2021 06:54	-1.2	2.1
30/11/2021 07:00	-1.2	2.1
30/11/2021 07:06	-1.2	2
30/11/2021 07:12	-1.2	2
30/11/2021 07:18	-1.2	2
30/11/2021 07:24	-1.1	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  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/11/2021 07:30	-1.1	2
30/11/2021 07:36	-1.1	2
30/11/2021 07:42	-1.1	2.1
30/11/2021 07:48	-1.1	2
30/11/2021 07:54	-1.1	2
30/11/2021 08:00	-1.1	2
30/11/2021 08:06	-1.1	2
30/11/2021 08:12	-1.1	2
30/11/2021 08:18	-1.1	2
30/11/2021 08:24	-1.1	2
30/11/2021 08:30	-1.1	2
30/11/2021 08:36	-1.1	2
30/11/2021 08:42	-1.1	2
30/11/2021 08:48	-1.1	2
30/11/2021 08:54	-1.1	2.1
30/11/2021 09:00	-1.1	2
30/11/2021 09:06	-1.1	2
30/11/2021 09:12	-1.1	2
30/11/2021 09:18	-1.1	2
30/11/2021 09:24	-1.1	2
30/11/2021 09:30	-1.1	2
30/11/2021 09:36	-1.1	2
30/11/2021 09:42	-1.1	2
30/11/2021 09:48	-1.1	2
30/11/2021 09:54	-1.1	2
30/11/2021 10:00	-1.1	2
30/11/2021 10:06	-1.1	2
30/11/2021 10:12	-1	2
30/11/2021 10:18	-1	2
30/11/2021 10:24	-1	2
30/11/2021 10:30	-1	2
30/11/2021 10:36	-1	2
30/11/2021 10:42	-1	2
30/11/2021 10:48	-1	2
30/11/2021 10:54	-1	2
30/11/2021 11:00	-1	2
30/11/2021 11:06	-1	2
30/11/2021 11:12	-1	2
30/11/2021 11:18	-1	2
30/11/2021 11:24	-1	2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
30/11/2021 11:30	-1	2.1
30/11/2021 11:36	-1	2.1
30/11/2021 11:42	-1	2.1
30/11/2021 11:48	-1	2.1
30/11/2021 11:54	-1	2.1
30/11/2021 12:00	-1	2.1
30/11/2021 12:06	-0.9	2.2
30/11/2021 12:12	-0.9	2.2
30/11/2021 12:18	-0.9	2.2
30/11/2021 12:24	-0.9	2.2
30/11/2021 12:30	-0.9	2.2
30/11/2021 12:36	-0.9	2.2
30/11/2021 12:42	-0.9	2.2
30/11/2021 12:48	-0.9	2.2
30/11/2021 12:54	-0.9	2.2
30/11/2021 13:00	-0.9	2.2
30/11/2021 13:06	-0.9	8.9
30/11/2021 13:12	-0.9	9.6
30/11/2021 13:18	-0.9	2.7
30/11/2021 13:24	-0.9	2.1
30/11/2021 13:30	-0.9	2.1
30/11/2021 13:36	-0.9	2.1
30/11/2021 13:42	-0.9	2.1
30/11/2021 13:48	-0.9	2.1
30/11/2021 13:54	-0.9	2.1
30/11/2021 14:00	-0.9	2.1
30/11/2021 14:06	-0.9	2.1
30/11/2021 14:12	-0.9	2.1
30/11/2021 14:18	-0.9	2.1
30/11/2021 14:24	-0.9	2.1
30/11/2021 14:30	-0.9	2.1
30/11/2021 14:36	-0.9	2.1
30/11/2021 14:42	-0.9	2.2
30/11/2021 14:48	-0.9	2.2
30/11/2021 14:54	-0.9	2.2
30/11/2021 15:00	-0.9	2.2
30/11/2021 15:06	-0.9	2.2
30/11/2021 15:12	-0.9	2.2
30/11/2021 15:18	-0.9	2.2
30/11/2021 15:24	-0.9	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/11/2021 15:30	-0.9	2.2
30/11/2021 15:36	-0.9	2.3
30/11/2021 15:42	-0.9	2.2
30/11/2021 15:48	-0.9	2.2
30/11/2021 15:54	-0.9	2.2
30/11/2021 16:00	-0.9	2.3
30/11/2021 16:06	-0.9	2.3
30/11/2021 16:12	-0.9	2.3
30/11/2021 16:18	-0.9	2.3
30/11/2021 16:24	-0.9	2.3
30/11/2021 16:30	-0.9	2.3
30/11/2021 16:36	-0.9	2.3
30/11/2021 16:42	-0.8	2.3
30/11/2021 16:48	-0.8	2.3
30/11/2021 16:54	-0.8	2.3
30/11/2021 17:00	-0.8	2.3
30/11/2021 17:06	-0.8	2.3
30/11/2021 17:12	-0.8	2.3
30/11/2021 17:18	-0.8	2.3
30/11/2021 17:24	-0.8	2.3
30/11/2021 17:30	-0.8	2.3
30/11/2021 17:36	-0.8	2.3
30/11/2021 17:42	-0.8	2.3
30/11/2021 17:48	-0.8	2.3
30/11/2021 17:54	-0.8	2.3
30/11/2021 18:00	-0.8	2.3
30/11/2021 18:06	-0.8	2.3
30/11/2021 18:12	-0.8	2.3
30/11/2021 18:18	-0.8	2.3
30/11/2021 18:24	-0.8	2.3
30/11/2021 18:30	-0.8	2.3
30/11/2021 18:36	-0.8	2.3
30/11/2021 18:42	-0.8	2.3
30/11/2021 18:48	-0.8	2.4
30/11/2021 18:54	-0.8	2.4
30/11/2021 19:00	-0.8	2.3
30/11/2021 19:06	-0.8	2.4
30/11/2021 19:12	-0.8	2.4
30/11/2021 19:18	-0.8	2.4
30/11/2021 19:24	-0.8	2.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/11/2021 19:30	-0.8	2.4
30/11/2021 19:36	-0.8	2.4
30/11/2021 19:42	-0.8	2.4
30/11/2021 19:48	-0.8	2.4
30/11/2021 19:54	-0.8	2.4
30/11/2021 20:00	-0.8	2.4
30/11/2021 20:06	-0.8	2.4
30/11/2021 20:12	-0.8	2.4
30/11/2021 20:18	-0.8	2.4
30/11/2021 20:24	-0.8	2.4
30/11/2021 20:30	-0.8	2.4
30/11/2021 20:36	-0.8	2.4
30/11/2021 20:42	-0.8	2.4
30/11/2021 20:48	-0.8	2.4
30/11/2021 20:54	-0.8	2.4
30/11/2021 21:00	-0.8	2.4
30/11/2021 21:06	-0.8	2.5
30/11/2021 21:12	-0.8	2.5
30/11/2021 21:18	-0.8	2.5
30/11/2021 21:24	-0.8	2.5
30/11/2021 21:30	-0.8	2.5
30/11/2021 21:36	-0.8	2.5
30/11/2021 21:42	-0.8	2.5
30/11/2021 21:48	-0.8	2.5
30/11/2021 21:54	-0.8	2.5
30/11/2021 22:00	-0.8	2.5
30/11/2021 22:06	-0.8	2.5
30/11/2021 22:12	-0.8	2.5
30/11/2021 22:18	-0.8	2.5
30/11/2021 22:24	-0.8	2.5
30/11/2021 22:30	-0.8	2.5
30/11/2021 22:36	-0.8	2.5
30/11/2021 22:42	-0.8	2.5
30/11/2021 22:48	-0.8	2.5
30/11/2021 22:54	-0.8	2.5
30/11/2021 23:00	-0.8	2.5
30/11/2021 23:06	-0.8	2.5
30/11/2021 23:12	-0.8	2.5
30/11/2021 23:18	-0.8	2.5
30/11/2021 23:24	-0.8	2.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/11/2021 23:30	-0.8	2.5
30/11/2021 23:36	-0.8	2.5
30/11/2021 23:42	-0.8	2.5
30/11/2021 23:48	-0.8	2.5
30/11/2021 23:54	-0.8	2.5
01/12/2021 00:00	-0.8	2.5
01/12/2021 00:06	-0.8	2.5
01/12/2021 00:12	-0.8	2.5
01/12/2021 00:18	-0.8	2.5
01/12/2021 00:24	-0.8	2.5
01/12/2021 00:30	-0.8	2.5
01/12/2021 00:36	-0.8	2.5
01/12/2021 00:42	-0.8	2.5
01/12/2021 00:48	-0.8	2.5
01/12/2021 00:54	-0.8	2.5
01/12/2021 01:00	-0.8	2.5
01/12/2021 01:06	-0.8	2.5
01/12/2021 01:12	-0.8	2.5
01/12/2021 01:18	-0.8	2.5
01/12/2021 01:24	-0.8	2.5
01/12/2021 01:30	-0.8	2.5
01/12/2021 01:36	-0.8	2.5
01/12/2021 01:42	-0.8	2.5
01/12/2021 01:48	-0.8	2.5
01/12/2021 01:54	-0.8	2.5
01/12/2021 02:00	-0.8	2.5
01/12/2021 02:06	-0.8	2.5
01/12/2021 02:12	-0.8	2.5
01/12/2021 02:18	-0.8	2.5
01/12/2021 02:24	-0.8	2.5
01/12/2021 02:30	-0.8	2.5
01/12/2021 02:36	-0.8	2.5
01/12/2021 02:42	-0.8	2.5
01/12/2021 02:48	-0.8	2.6
01/12/2021 02:54	-0.8	2.5
01/12/2021 03:00	-0.8	2.5
01/12/2021 03:06	-0.8	2.6
01/12/2021 03:12	-0.8	2.5
01/12/2021 03:18	-0.8	2.6
01/12/2021 03:24	-0.8	2.6



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/12/2021 03:30	-0.8	2.6
01/12/2021 03:36	-0.8	2.6
01/12/2021 03:42	-0.8	2.6
01/12/2021 03:48	-0.8	2.6
01/12/2021 03:54	-0.8	2.6
01/12/2021 04:00	-0.8	2.6
01/12/2021 04:06	-0.8	2.6
01/12/2021 04:12	-0.8	2.6
01/12/2021 04:18	-0.8	2.6
01/12/2021 04:24	-0.8	2.6
01/12/2021 04:30	-0.8	2.6
01/12/2021 04:36	-0.8	2.6
01/12/2021 04:42	-0.8	2.6
01/12/2021 04:48	-0.8	2.6
01/12/2021 04:54	-0.8	2.6
01/12/2021 05:00	-0.8	2.6
01/12/2021 05:06	-0.8	2.6
01/12/2021 05:12	-0.8	2.6
01/12/2021 05:18	-0.8	2.6
01/12/2021 05:24	-0.8	2.6
01/12/2021 05:30	-0.8	2.6
01/12/2021 05:36	-0.8	2.6
01/12/2021 05:42	-0.8	2.6
01/12/2021 05:48	-0.8	2.6
01/12/2021 05:54	-0.8	2.6
01/12/2021 06:00	-0.8	2.6
01/12/2021 06:06	-0.8	2.6
01/12/2021 06:12	-0.8	2.6
01/12/2021 06:18	-0.8	2.6
01/12/2021 06:24	-0.8	2.6
01/12/2021 06:30	-0.8	2.6
01/12/2021 06:36	-0.8	2.6
01/12/2021 06:42	-0.8	2.6
01/12/2021 06:48	-0.8	2.6
01/12/2021 06:54	-0.8	2.6
01/12/2021 07:00	-0.8	2.6
01/12/2021 07:06	-0.8	2.6
01/12/2021 07:12	-0.8	2.6
01/12/2021 07:18	-0.8	2.6
01/12/2021 07:24	-0.8	2.6

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/12/2021 07:30	-0.8	2.6
01/12/2021 07:36	-0.8	2.6
01/12/2021 07:42	-0.8	2.6
01/12/2021 07:48	-0.8	2.6
01/12/2021 07:54	-0.8	2.6
01/12/2021 08:00	-0.8	2.6
01/12/2021 08:06	-0.8	2.6
01/12/2021 08:12	-0.8	2.6
01/12/2021 08:18	-0.8	2.6
01/12/2021 08:24	-0.8	2.8
01/12/2021 08:30	-0.8	8
01/12/2021 08:36	-0.8	9.1
01/12/2021 08:42	-0.8	5.4
01/12/2021 08:48	-0.8	4
01/12/2021 08:54	-0.8	3.6
01/12/2021 09:00	-0.8	3.6
01/12/2021 09:06	-0.8	3.3
01/12/2021 09:12	-0.8	2.5
01/12/2021 09:18	-0.8	2
01/12/2021 09:24	-0.8	2
01/12/2021 09:30	-0.8	2
01/12/2021 09:36	-0.8	2
01/12/2021 09:42	-0.8	2.3
01/12/2021 09:48	-0.8	3.5
01/12/2021 09:54	-0.7	3.7
01/12/2021 10:00	-0.7	3.4
01/12/2021 10:06	-0.7	3.3
01/12/2021 10:12	-0.7	3.3
01/12/2021 10:18	-0.7	3.3
01/12/2021 10:24	-0.7	3.3
01/12/2021 10:30	-0.7	3.3
01/12/2021 10:36	-0.7	3.3
01/12/2021 10:42	-0.7	3.2
01/12/2021 10:48	-0.7	3.2
01/12/2021 10:54	-0.6	3.2
01/12/2021 11:00	-0.6	3.2
01/12/2021 11:06	-0.6	3.2
01/12/2021 11:12	-0.6	3.3
01/12/2021 11:18	-0.6	3.3
01/12/2021 11:24	-0.5	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/12/2021 11:30	-0.5	3.2
01/12/2021 11:36	-0.5	3.2
01/12/2021 11:42	-0.5	3.2
01/12/2021 11:48	-0.5	3.2
01/12/2021 11:54	-0.5	3.2
01/12/2021 12:00	-0.6	3.2
01/12/2021 12:06	-0.8	3.2
01/12/2021 12:12	-0.8	3.2
01/12/2021 12:18	-0.8	3.2
01/12/2021 12:24	-0.8	3.1
01/12/2021 12:30	-0.8	3.2
01/12/2021 12:36	-0.8	3.2
01/12/2021 12:42	-0.8	3.2
01/12/2021 12:48	-0.8	3.2
01/12/2021 12:54	-0.8	3.2
01/12/2021 13:00	-0.8	3.2
01/12/2021 13:06	-0.8	3.2
01/12/2021 13:12	-0.8	3.2
01/12/2021 13:18	-0.8	3.2
01/12/2021 13:24	-0.8	3.2
01/12/2021 13:30	-0.8	3.2
01/12/2021 13:36	-0.8	3.2
01/12/2021 13:42	-0.8	3.2
01/12/2021 13:48	-0.8	3.2
01/12/2021 13:54	-0.8	3.2
01/12/2021 14:00	-0.8	3.2
01/12/2021 14:06	-0.9	3.2
01/12/2021 14:12	-0.9	3.2
01/12/2021 14:18	-0.9	3.2
01/12/2021 14:24	-0.9	3.2
01/12/2021 14:30	-0.9	3.2
01/12/2021 14:36	-0.9	3.2
01/12/2021 14:42	-0.9	3.2
01/12/2021 14:48	-0.9	3.2
01/12/2021 14:54	-0.9	3.2
01/12/2021 15:00	-0.9	3.2
01/12/2021 15:06	-0.9	3.2
01/12/2021 15:12	-0.9	3.2
01/12/2021 15:18	-0.9	3.2
01/12/2021 15:24	-0.9	3.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/12/2021 15:30	-0.9	3.3
01/12/2021 15:36	-0.9	3.2
01/12/2021 15:42	-0.9	3.2
01/12/2021 15:48	-0.9	3.2
01/12/2021 15:54	-0.9	3.2
01/12/2021 16:00	-0.9	3.2
01/12/2021 16:06	-0.9	3.2
01/12/2021 16:12	-0.9	3.2
01/12/2021 16:18	-0.9	3.2
01/12/2021 16:24	-0.9	3.3
01/12/2021 16:30	-0.9	3.2
01/12/2021 16:36	-1	3.3
01/12/2021 16:42	-1	3.3
01/12/2021 16:48	-1	3.3
01/12/2021 16:54	-1	3.3
01/12/2021 17:00	-1	3.3
01/12/2021 17:06	-1	3.3
01/12/2021 17:12	-1	3.3
01/12/2021 17:18	-1	3.3
01/12/2021 17:24	-1	3.3
01/12/2021 17:30	-1	3.3
01/12/2021 17:36	-1	3.3
01/12/2021 17:42	-1	3.3
01/12/2021 17:48	-1	3.3
01/12/2021 17:54	-1	3.3
01/12/2021 18:00	-1	3.3
01/12/2021 18:06	-1	3.3
01/12/2021 18:12	-1	3.3
01/12/2021 18:18	-1	3.3
01/12/2021 18:24	-1	3.3
01/12/2021 18:30	-1	3.3
01/12/2021 18:36	-1	3.3
01/12/2021 18:42	-1	3.2
01/12/2021 18:48	-1	3.2
01/12/2021 18:54	-1	3.2
01/12/2021 19:00	-1	3.3
01/12/2021 19:06	-1	3.3
01/12/2021 19:12	-1	3.3
01/12/2021 19:18	-1	3.3
01/12/2021 19:24	-1	3.3

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
01/12/2021 19:30	-0.9	3.3
01/12/2021 19:36	-0.9	3.3
01/12/2021 19:42	-0.9	3.3
01/12/2021 19:48	-0.9	3.3
01/12/2021 19:54	-0.9	3.3
01/12/2021 20:00	-0.9	3.3
01/12/2021 20:06	-0.9	3.3
01/12/2021 20:12	-0.9	3.3
01/12/2021 20:18	-0.9	3.3
01/12/2021 20:24	-0.9	3.3
01/12/2021 20:30	-0.9	3.3
01/12/2021 20:36	-0.9	3.3
01/12/2021 20:42	-0.9	3.3
01/12/2021 20:48	-0.9	3.3
01/12/2021 20:54	-0.9	3.3
01/12/2021 21:00	-0.9	3.2
01/12/2021 21:06	-0.9	3.2
01/12/2021 21:12	-0.9	3.3
01/12/2021 21:18	-0.9	3.3
01/12/2021 21:24	-0.9	3.3
01/12/2021 21:30	-0.9	3.3
01/12/2021 21:36	-0.9	3.3
01/12/2021 21:42	-0.9	3.3
01/12/2021 21:48	-0.9	3.4
01/12/2021 21:54	-1	3.4
01/12/2021 22:00	-1	3.3
01/12/2021 22:06	-1	3.2
01/12/2021 22:12	-1	3.3
01/12/2021 22:18	-1	3.3
01/12/2021 22:24	-1	3.3
01/12/2021 22:30	-1	3.3
01/12/2021 22:36	-1	3.3
01/12/2021 22:42	-1	3.3
01/12/2021 22:48	-1	3.3
01/12/2021 22:54	-1	3.3
01/12/2021 23:00	-1	3.3
01/12/2021 23:06	-1	3.3
01/12/2021 23:12	-1	3.3
01/12/2021 23:18	-1	3.3
01/12/2021 23:24	-0.9	3.3

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
01/12/2021 23:30	-0.9	3.3
01/12/2021 23:36	-0.9	3.3
01/12/2021 23:42	-0.9	3.3
01/12/2021 23:48	-0.9	3.3
01/12/2021 23:54	-0.9	3.3
02/12/2021 00:00	-0.9	3.3
02/12/2021 00:06	-0.9	3.3
02/12/2021 00:12	-0.9	3.3
02/12/2021 00:18	-0.9	3.3
02/12/2021 00:24	-0.9	3.4
02/12/2021 00:30	-0.9	3.5
02/12/2021 00:36	-0.9	3.5
02/12/2021 00:42	-0.9	3.5
02/12/2021 00:48	-1	3.4
02/12/2021 00:54	-1	3.3
02/12/2021 01:00	-1	3.3
02/12/2021 01:06	-1	3.4
02/12/2021 01:12	-1	3.4
02/12/2021 01:18	-1	3.4
02/12/2021 01:24	-1	3.4
02/12/2021 01:30	-1	3.5
02/12/2021 01:36	-1	3.4
02/12/2021 01:42	-1	3.4
02/12/2021 01:48	-1	3.3
02/12/2021 01:54	-1	3.4
02/12/2021 02:00	-1	3.4
02/12/2021 02:06	-1	3.4
02/12/2021 02:12	-1	3.3
02/12/2021 02:18	-1	3.3
02/12/2021 02:24	-1	3.3
02/12/2021 02:30	-1	3.3
02/12/2021 02:36	-1	3.4
02/12/2021 02:42	-1	3.6
02/12/2021 02:48	-1	3.6
02/12/2021 02:54	-1	3.5
02/12/2021 03:00	-1	3.5
02/12/2021 03:06	-1	3.5
02/12/2021 03:12	-1	3.4
02/12/2021 03:18	-1	3.4
02/12/2021 03:24	-1	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/12/2021 03:30	-1	3.4
02/12/2021 03:36	-0.9	3.5
02/12/2021 03:42	-0.9	3.5
02/12/2021 03:48	-0.9	3.5
02/12/2021 03:54	-0.9	3.5
02/12/2021 04:00	-0.9	3.5
02/12/2021 04:06	-0.9	3.5
02/12/2021 04:12	-0.9	3.5
02/12/2021 04:18	-0.9	3.5
02/12/2021 04:24	-0.9	3.5
02/12/2021 04:30	-0.9	3.4
02/12/2021 04:36	-0.9	3.5
02/12/2021 04:42	-0.9	3.5
02/12/2021 04:48	-0.9	3.4
02/12/2021 04:54	-0.9	3.4
02/12/2021 05:00	-0.9	3.4
02/12/2021 05:06	-0.9	3.3
02/12/2021 05:12	-0.9	3.2
02/12/2021 05:18	-0.9	3.2
02/12/2021 05:24	-0.9	3.2
02/12/2021 05:30	-0.9	3.2
02/12/2021 05:36	-0.9	3.3
02/12/2021 05:42	-0.8	3.2
02/12/2021 05:48	-0.8	3.2
02/12/2021 05:54	-0.8	3.2
02/12/2021 06:00	-0.8	3.2
02/12/2021 06:06	-0.8	3.2
02/12/2021 06:12	-0.8	3.2
02/12/2021 06:18	-0.8	3.1
02/12/2021 06:24	-0.8	3.1
02/12/2021 06:30	-0.8	3.1
02/12/2021 06:36	-0.8	3.1
02/12/2021 06:42	-0.8	3.1
02/12/2021 06:48	-0.8	3.1
02/12/2021 06:54	-0.8	3.1
02/12/2021 07:00	-0.8	3.1
02/12/2021 07:06	-0.8	3.2
02/12/2021 07:12	-0.8	3.1
02/12/2021 07:18	-0.8	3.2
02/12/2021 07:24	-0.8	3.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/12/2021 07:30	-0.8	3.1
02/12/2021 07:36	-0.8	3.1
02/12/2021 07:42	-0.8	3.2
02/12/2021 07:48	-0.8	3.2
02/12/2021 07:54	-0.8	3.2
02/12/2021 08:00	-0.8	3.3
02/12/2021 08:06	-0.8	3.2
02/12/2021 08:12	-0.8	3.3
02/12/2021 08:18	-0.8	3.3
02/12/2021 08:24	-0.8	3.3
02/12/2021 08:30	-0.8	3.3
02/12/2021 08:36	-0.8	3.3
02/12/2021 08:42	-0.8	3.3
02/12/2021 08:48	-0.8	3.3
02/12/2021 08:54	-0.8	3.3
02/12/2021 09:00	-0.9	3.3
02/12/2021 09:06	-0.9	3.3
02/12/2021 09:12	-0.9	3.3
02/12/2021 09:18	-0.9	3.3
02/12/2021 09:24	-0.9	3.3
02/12/2021 09:30	-0.9	3.3
02/12/2021 09:36	-0.9	3.2
02/12/2021 09:42	-0.9	3.2
02/12/2021 09:48	-0.9	3.3
02/12/2021 09:54	-0.9	3.2
02/12/2021 10:00	-0.9	3.2
02/12/2021 10:06	-0.8	3.2
02/12/2021 10:12	-0.8	3.2
02/12/2021 10:18	-0.8	3.2
02/12/2021 10:24	-0.8	3.2
02/12/2021 10:30	-0.8	3.2
02/12/2021 10:36	7	3.2
02/12/2021 10:42	12.8	3.2
02/12/2021 10:48	6.3	3.3
02/12/2021 10:54	5	3.2
02/12/2021 11:00	4.5	3.2
02/12/2021 11:06	4.4	3.2
02/12/2021 11:12	4.3	3.2
02/12/2021 11:18	3.7	3.2
02/12/2021 11:24	2.9	3.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/12/2021 11:30	2.1	3.3
02/12/2021 11:36	1.6	3.2
02/12/2021 11:42	1.2	3.2
02/12/2021 11:48	0.8	3.3
02/12/2021 11:54	0.6	3.2
02/12/2021 12:00	0.3	3.2
02/12/2021 12:06	13.4	3.2
02/12/2021 12:12	11.1	3.2
02/12/2021 12:18	6.4	3.2
02/12/2021 12:24	7.7	3.2
02/12/2021 12:30	5.5	3.2
02/12/2021 12:36	2.8	3.2
02/12/2021 12:42	1.3	3.2
02/12/2021 12:48	0.7	3.2
02/12/2021 12:54	0.2	3.2
02/12/2021 13:00	-0.1	3.2
02/12/2021 13:06	-0.3	3.1
02/12/2021 13:12	-0.4	3.1
02/12/2021 13:18	-0.6	3.1
02/12/2021 13:24	-0.6	3.1
02/12/2021 13:30	-0.7	3.2
02/12/2021 13:36	-0.7	3.2
02/12/2021 13:42	-0.8	3.1
02/12/2021 13:48	-0.8	3.1
02/12/2021 13:54	-0.8	3.1
02/12/2021 14:00	-0.8	3.1
02/12/2021 14:06	-0.9	3.1
02/12/2021 14:12	-0.9	3.1
02/12/2021 14:18	-0.9	3.1
02/12/2021 14:24	-0.9	3.1
02/12/2021 14:30	-0.9	3.1
02/12/2021 14:36	-0.9	3.1
02/12/2021 14:42	-0.9	3.1
02/12/2021 14:48	-0.9	3.1
02/12/2021 14:54	-0.9	3.1
02/12/2021 15:00	-0.9	3.2
02/12/2021 15:06	-0.9	3.2
02/12/2021 15:12	-0.9	3.1
02/12/2021 15:18	-0.9	3.1
02/12/2021 15:24	-0.9	3.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
02/12/2021 15:30	-0.9	3.1
02/12/2021 15:36	2.7	3.1
02/12/2021 15:42	4.9	3.1
02/12/2021 15:48	3.3	3.2
02/12/2021 15:54	0.3	3.2
02/12/2021 16:00	0.4	3.2
02/12/2021 16:06	2.5	3.1
02/12/2021 16:12	2.6	3.1
02/12/2021 16:18	0.6	3.2
02/12/2021 16:24	1.4	3.1
02/12/2021 16:30	6.1	3.1
02/12/2021 16:36	5.8	3.2
02/12/2021 16:42	1.5	3.2
02/12/2021 16:48	0.8	3.1
02/12/2021 16:54	3.2	3.1
02/12/2021 17:00	4.3	3.1
02/12/2021 17:06	1.4	3.1
02/12/2021 17:12	0.4	3.1
02/12/2021 17:18	0	3.1
02/12/2021 17:24	-0.3	3.1
02/12/2021 17:30	-0.5	3.1
02/12/2021 17:36	-0.6	3.2
02/12/2021 17:42	-0.7	3.2
02/12/2021 17:48	-0.8	3.2
02/12/2021 17:54	-0.8	3.2
02/12/2021 18:00	-0.8	3.1
02/12/2021 18:06	-0.8	3.1
02/12/2021 18:12	-0.9	3.2
02/12/2021 18:18	-0.9	3.2
02/12/2021 18:24	-0.9	3.2
02/12/2021 18:30	-0.9	3.2
02/12/2021 18:36	-0.9	3.2
02/12/2021 18:42	-0.9	3.2
02/12/2021 18:48	-0.9	3.1
02/12/2021 18:54	-0.9	3.1
02/12/2021 19:00	-0.9	3.2
02/12/2021 19:06	-0.9	3.2
02/12/2021 19:12	-0.9	3.2
02/12/2021 19:18	1.5	3.2
02/12/2021 19:24	6.8	3.2

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/12/2021 19:30	6.5	3
02/12/2021 19:36	4.4	2.3
02/12/2021 19:42	2.1	1.8
02/12/2021 19:48	0.8	1.8
02/12/2021 19:54	0.4	1.8
02/12/2021 20:00	0.3	1.8
02/12/2021 20:06	0.3	1.8
02/12/2021 20:12	0.3	1.8
02/12/2021 20:18	0.3	1.8
02/12/2021 20:24	0.1	1.8
02/12/2021 20:30	0.1	1.8
02/12/2021 20:36	0.1	1.8
02/12/2021 20:42	0.1	1.8
02/12/2021 20:48	0.2	1.8
02/12/2021 20:54	0.2	1.8
02/12/2021 21:00	0.2	1.8
02/12/2021 21:06	0.3	1.8
02/12/2021 21:12	0.4	1.8
02/12/2021 21:18	0.3	1.8
02/12/2021 21:24	0.3	1.8
02/12/2021 21:30	0.3	1.8
02/12/2021 21:36	0.3	1.8
02/12/2021 21:42	0.3	1.8
02/12/2021 21:48	0.3	1.8
02/12/2021 21:54	0.3	1.8
02/12/2021 22:00	0.3	1.8
02/12/2021 22:06	0.4	1.8
02/12/2021 22:12	0.4	1.9
02/12/2021 22:18	0.4	2
02/12/2021 22:24	0.4	2.1
02/12/2021 22:30	0.3	2.1
02/12/2021 22:36	0.3	2
02/12/2021 22:42	0.2	2
02/12/2021 22:48	0.2	2
02/12/2021 22:54	0.2	1.9
02/12/2021 23:00	0.1	1.9
02/12/2021 23:06	0.1	1.9
02/12/2021 23:12	0.1	1.9
02/12/2021 23:18	-0.1	1.9
02/12/2021 23:24	-0.5	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
02/12/2021 23:30	-0.4	1.9
02/12/2021 23:36	-0.4	1.9
02/12/2021 23:42	-0.4	1.9
02/12/2021 23:48	-0.3	1.9
02/12/2021 23:54	-0.3	1.9
03/12/2021 00:00	-0.3	1.9
03/12/2021 00:06	-0.3	1.9
03/12/2021 00:12	-0.3	1.9
03/12/2021 00:18	-0.3	1.9
03/12/2021 00:24	-0.3	1.9
03/12/2021 00:30	-0.3	1.9
03/12/2021 00:36	-0.3	1.9
03/12/2021 00:42	-0.3	1.9
03/12/2021 00:48	-0.3	1.9
03/12/2021 00:54	-0.3	1.9
03/12/2021 01:00	-0.3	1.9
03/12/2021 01:06	-0.3	1.9
03/12/2021 01:12	-0.3	1.9
03/12/2021 01:18	-0.3	1.9
03/12/2021 01:24	-0.2	1.9
03/12/2021 01:30	-0.2	1.9
03/12/2021 01:36	-0.2	1.9
03/12/2021 01:42	-0.4	1.9
03/12/2021 01:48	-0.4	1.9
03/12/2021 01:54	-0.4	1.9
03/12/2021 02:00	-0.4	1.9
03/12/2021 02:06	-0.4	1.9
03/12/2021 02:12	-0.4	1.9
03/12/2021 02:18	-0.4	1.9
03/12/2021 02:24	-0.3	2
03/12/2021 02:30	-0.3	1.9
03/12/2021 02:36	-0.3	1.9
03/12/2021 02:42	-0.3	1.9
03/12/2021 02:48	-0.3	1.9
03/12/2021 02:54	-0.4	1.9
03/12/2021 03:00	-0.4	2
03/12/2021 03:06	-0.4	1.9
03/12/2021 03:12	-0.3	2
03/12/2021 03:18	-0.4	2
03/12/2021 03:24	-0.3	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 03:30	-0.4	2
03/12/2021 03:36	-0.4	2
03/12/2021 03:42	-0.4	2
03/12/2021 03:48	-0.4	2
03/12/2021 03:54	-0.4	2
03/12/2021 04:00	-0.4	2
03/12/2021 04:06	-0.4	2
03/12/2021 04:12	-0.4	2
03/12/2021 04:18	-0.4	2
03/12/2021 04:24	-0.4	2.1
03/12/2021 04:30	-0.3	2.1
03/12/2021 04:36	-0.2	2.1
03/12/2021 04:42	-0.1	2.1
03/12/2021 04:48	-0.1	2.1
03/12/2021 04:54	-0.1	2.1
03/12/2021 05:00	-0.1	2.1
03/12/2021 05:06	-0.1	2.1
03/12/2021 05:12	-0.1	2.1
03/12/2021 05:18	-0.1	2.1
03/12/2021 05:24	-0.1	2.1
03/12/2021 05:30	-0.1	2.1
03/12/2021 05:36	-0.1	2.1
03/12/2021 05:42	-0.1	2.1
03/12/2021 05:48	-0.1	2.1
03/12/2021 05:54	-0.1	2.2
03/12/2021 06:00	-0.1	2.2
03/12/2021 06:06	-0.2	2.2
03/12/2021 06:12	-0.2	2.2
03/12/2021 06:18	-0.2	2.2
03/12/2021 06:24	-0.2	2.2
03/12/2021 06:30	-0.2	2.2
03/12/2021 06:36	-0.2	2.2
03/12/2021 06:42	-0.2	2.2
03/12/2021 06:48	-0.2	2.2
03/12/2021 06:54	-0.2	2.2
03/12/2021 07:00	-0.2	2.2
03/12/2021 07:06	-0.2	2.2
03/12/2021 07:12	-0.1	2.2
03/12/2021 07:18	-0.2	2.2
03/12/2021 07:24	-0.2	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 07:30	-0.2	2.2
03/12/2021 07:36	-0.2	2.2
03/12/2021 07:42	-0.2	2.2
03/12/2021 07:48	-0.2	2.2
03/12/2021 07:54	-0.2	2.2
03/12/2021 08:00	-0.2	2.2
03/12/2021 08:06	-0.2	2.2
03/12/2021 08:12	-0.2	2.2
03/12/2021 08:18	-0.2	2.2
03/12/2021 08:24	-0.2	2.2
03/12/2021 08:30	-0.2	2.2
03/12/2021 08:36	-0.2	2.2
03/12/2021 08:42	-0.2	2.2
03/12/2021 08:48	-0.2	2.2
03/12/2021 08:54	-0.2	2.2
03/12/2021 09:00	-0.2	2.2
03/12/2021 09:06	-0.2	2.2
03/12/2021 09:12	-0.2	2.3
03/12/2021 09:18	-0.2	2.2
03/12/2021 09:24	-0.2	2.3
03/12/2021 09:30	-0.2	2.3
03/12/2021 09:36	-0.2	2.3
03/12/2021 09:42	-0.2	2.2
03/12/2021 09:48	-0.2	2.3
03/12/2021 09:54	-0.2	2.3
03/12/2021 10:00	-0.2	2.2
03/12/2021 10:06	-0.2	2.3
03/12/2021 10:12	-0.1	2.3
03/12/2021 10:18	-0.2	2.2
03/12/2021 10:24	-0.5	2.2
03/12/2021 10:30	-0.6	2.2
03/12/2021 10:36	-0.6	2.2
03/12/2021 10:42	-0.6	2.2
03/12/2021 10:48	-0.6	2.2
03/12/2021 10:54	-0.5	2.2
03/12/2021 11:00	-0.4	2.2
03/12/2021 11:06	-0.4	2.2
03/12/2021 11:12	-0.4	2.2
03/12/2021 11:18	-0.4	2.3
03/12/2021 11:24	-0.4	2.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 11:30	-0.4	2.3
03/12/2021 11:36	-0.4	2.3
03/12/2021 11:42	-0.4	2.3
03/12/2021 11:48	-0.5	2.3
03/12/2021 11:54	-0.5	2.3
03/12/2021 12:00	-0.4	2.3
03/12/2021 12:06	-0.2	2.4
03/12/2021 12:12	-0.2	2.4
03/12/2021 12:18	-0.2	2.4
03/12/2021 12:24	-0.2	2.4
03/12/2021 12:30	-0.1	2.4
03/12/2021 12:36	-0.2	2.4
03/12/2021 12:42	-0.2	2.4
03/12/2021 12:48	-0.2	2.4
03/12/2021 12:54	<Samp	<Samp
03/12/2021 13:00	Maintain	Maintain
03/12/2021 13:06	Maintain	Maintain
03/12/2021 13:12	<Samp	<Samp
03/12/2021 13:18	-0.2	2.4
03/12/2021 13:24	-0.2	2.4
03/12/2021 13:30	-0.2	2.4
03/12/2021 13:36	-0.2	2.4
03/12/2021 13:42	-0.2	2.4
03/12/2021 13:48	-0.2	2.4
03/12/2021 13:54	-0.2	2.4
03/12/2021 14:00	-0.2	2.4
03/12/2021 14:06	-0.2	2.4
03/12/2021 14:12	-0.2	2.4
03/12/2021 14:18	-0.2	2.4
03/12/2021 14:24	-0.2	2.4
03/12/2021 14:30	-0.2	2.4
03/12/2021 14:36	-0.2	2.4
03/12/2021 14:42	-0.2	2.4
03/12/2021 14:48	-0.2	2.4
03/12/2021 14:54	-0.2	2.4
03/12/2021 15:00	-0.2	2.4
03/12/2021 15:06	-0.2	2.4
03/12/2021 15:12	-0.2	2.4
03/12/2021 15:18	-0.2	2.5
03/12/2021 15:24	-0.2	2.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 15:30	-0.2	2.5
03/12/2021 15:36	-0.2	2.5
03/12/2021 15:42	-0.2	2.5
03/12/2021 15:48	-0.2	2.5
03/12/2021 15:54	-0.2	2.5
03/12/2021 16:00	-0.2	2.5
03/12/2021 16:06	-0.2	2.5
03/12/2021 16:12	-0.2	2.5
03/12/2021 16:18	-0.2	2.5
03/12/2021 16:24	-0.2	2.5
03/12/2021 16:30	-0.3	2.5
03/12/2021 16:36	-0.2	2.5
03/12/2021 16:42	-0.2	2.5
03/12/2021 16:48	-0.3	2.5
03/12/2021 16:54	-0.3	2.5
03/12/2021 17:00	-0.3	2.5
03/12/2021 17:06	-0.3	2.5
03/12/2021 17:12	-0.3	2.5
03/12/2021 17:18	-0.3	2.5
03/12/2021 17:24	-0.3	2.5
03/12/2021 17:30	-0.3	2.5
03/12/2021 17:36	-0.3	2.5
03/12/2021 17:42	-0.3	2.5
03/12/2021 17:48	-0.1	2.5
03/12/2021 17:54	0.1	2.5
03/12/2021 18:00	0.1	2.5
03/12/2021 18:06	0.1	2.5
03/12/2021 18:12	0.1	2.5
03/12/2021 18:18	0.1	2.5
03/12/2021 18:24	0.1	2.5
03/12/2021 18:30	0.1	2.5
03/12/2021 18:36	0	2.5
03/12/2021 18:42	0.1	2.5
03/12/2021 18:48	0.1	2.5
03/12/2021 18:54	0.1	2.5
03/12/2021 19:00	0.1	2.5
03/12/2021 19:06	0.1	2.6
03/12/2021 19:12	0.1	2.6
03/12/2021 19:18	0.1	2.6
03/12/2021 19:24	0.1	2.6



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 19:30	0.1	2.6
03/12/2021 19:36	0.1	2.6
03/12/2021 19:42	0.1	2.6
03/12/2021 19:48	0.1	2.6
03/12/2021 19:54	0.1	2.6
03/12/2021 20:00	0.1	2.6
03/12/2021 20:06	0.1	2.6
03/12/2021 20:12	0	2.6
03/12/2021 20:18	0	2.6
03/12/2021 20:24	0	2.6
03/12/2021 20:30	0	2.6
03/12/2021 20:36	0	2.6
03/12/2021 20:42	0.1	2.6
03/12/2021 20:48	0	2.6
03/12/2021 20:54	0.1	2.6
03/12/2021 21:00	0.1	2.6
03/12/2021 21:06	0.1	2.6
03/12/2021 21:12	0.1	2.6
03/12/2021 21:18	0.1	2.6
03/12/2021 21:24	-0.2	2.6
03/12/2021 21:30	-0.4	2.6
03/12/2021 21:36	-0.4	2.6
03/12/2021 21:42	-0.4	2.6
03/12/2021 21:48	-0.4	2.6
03/12/2021 21:54	-0.4	2.6
03/12/2021 22:00	-0.4	2.6
03/12/2021 22:06	-0.4	2.6
03/12/2021 22:12	-0.4	2.6
03/12/2021 22:18	-0.4	2.6
03/12/2021 22:24	-0.3	2.6
03/12/2021 22:30	-0.3	2.6
03/12/2021 22:36	-0.4	2.6
03/12/2021 22:42	-0.4	2.6
03/12/2021 22:48	-0.3	2.6
03/12/2021 22:54	-0.3	2.6
03/12/2021 23:00	-0.4	2.6
03/12/2021 23:06	-0.4	2.6
03/12/2021 23:12	-0.4	2.6
03/12/2021 23:18	-0.4	2.6
03/12/2021 23:24	-0.4	2.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
03/12/2021 23:30	-0.4	2.6
03/12/2021 23:36	-0.4	2.6
03/12/2021 23:42	-0.4	2.6
03/12/2021 23:48	-0.4	2.6
03/12/2021 23:54	-0.4	2.6
04/12/2021 00:00	-0.4	2.6
04/12/2021 00:06	-0.4	2.6
04/12/2021 00:12	-0.4	2.6
04/12/2021 00:18	-0.4	2.6
04/12/2021 00:24	-0.4	2.6
04/12/2021 00:30	-0.4	2.6
04/12/2021 00:36	-0.4	2.6
04/12/2021 00:42	-0.4	2.6
04/12/2021 00:48	-0.4	2.6
04/12/2021 00:54	-0.4	2.6
04/12/2021 01:00	-0.4	2.6
04/12/2021 01:06	-0.4	2.6
04/12/2021 01:12	-0.5	2.6
04/12/2021 01:18	-0.5	2.6
04/12/2021 01:24	-0.5	2.6
04/12/2021 01:30	-0.5	2.6
04/12/2021 01:36	-0.5	2.6
04/12/2021 01:42	-0.4	2.6
04/12/2021 01:48	-0.4	2.6
04/12/2021 01:54	-0.5	2.6
04/12/2021 02:00	-0.5	2.6
04/12/2021 02:06	-0.5	2.6
04/12/2021 02:12	-0.5	2.6
04/12/2021 02:18	-0.5	2.6
04/12/2021 02:24	-0.5	2.6
04/12/2021 02:30	-0.5	2.6
04/12/2021 02:36	-0.5	2.6
04/12/2021 02:42	-0.5	2.6
04/12/2021 02:48	-0.5	2.6
04/12/2021 02:54	-0.5	2.6
04/12/2021 03:00	-0.5	2.6
04/12/2021 03:06	-0.5	2.6
04/12/2021 03:12	-0.5	2.6
04/12/2021 03:18	-0.5	2.6
04/12/2021 03:24	-0.5	2.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/12/2021 03:30	-0.5	2.6
04/12/2021 03:36	-0.5	2.6
04/12/2021 03:42	-0.5	2.6
04/12/2021 03:48	-0.5	2.6
04/12/2021 03:54	-0.5	2.6
04/12/2021 04:00	-0.5	2.6
04/12/2021 04:06	-0.5	2.6
04/12/2021 04:12	-0.5	2.6
04/12/2021 04:18	-0.5	2.6
04/12/2021 04:24	-0.5	2.6
04/12/2021 04:30	-0.5	2.6
04/12/2021 04:36	-0.5	2.6
04/12/2021 04:42	-0.5	2.6
04/12/2021 04:48	-0.5	2.6
04/12/2021 04:54	-0.5	2.6
04/12/2021 05:00	-0.5	2.6
04/12/2021 05:06	-0.5	2.6
04/12/2021 05:12	-0.6	2.6
04/12/2021 05:18	-0.5	2.6
04/12/2021 05:24	-0.5	2.6
04/12/2021 05:30	-0.5	2.6
04/12/2021 05:36	-0.2	2.6
04/12/2021 05:42	0	2.6
04/12/2021 05:48	0	2.6
04/12/2021 05:54	0.1	2.6
04/12/2021 06:00	0.1	2.6
04/12/2021 06:06	0.1	2.6
04/12/2021 06:12	0.1	2.6
04/12/2021 06:18	0.1	2.6
04/12/2021 06:24	0.1	2.6
04/12/2021 06:30	0.1	2.6
04/12/2021 06:36	0.1	2.6
04/12/2021 06:42	0.1	2.6
04/12/2021 06:48	0.1	2.6
04/12/2021 06:54	0.1	2.6
04/12/2021 07:00	0.1	2.6
04/12/2021 07:06	0.1	2.6
04/12/2021 07:12	0.1	2.6
04/12/2021 07:18	0.1	2.6
04/12/2021 07:24	0.1	2.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/12/2021 07:30	0.1	2.6
04/12/2021 07:36	0.1	2.6
04/12/2021 07:42	0.2	2.6
04/12/2021 07:48	0.1	2.6
04/12/2021 07:54	0.1	2.6
04/12/2021 08:00	0.2	2.6
04/12/2021 08:06	0.2	2.6
04/12/2021 08:12	0.1	2.6
04/12/2021 08:18	0.1	2.6
04/12/2021 08:24	0.1	2.6
04/12/2021 08:30	0.2	2.6
04/12/2021 08:36	0.2	2.6
04/12/2021 08:42	0.2	2.6
04/12/2021 08:48	0.2	2.6
04/12/2021 08:54	0.2	2.6
04/12/2021 09:00	0.7	2.6
04/12/2021 09:06	0.9	2.6
04/12/2021 09:12	0.4	2.6
04/12/2021 09:18	0.2	2.6
04/12/2021 09:24	0.2	2.6
04/12/2021 09:30	0.2	2.6
04/12/2021 09:36	0.1	2.6
04/12/2021 09:42	0.1	2.6
04/12/2021 09:48	0.1	2.6
04/12/2021 09:54	0.1	2.6
04/12/2021 10:00	0.1	2.6
04/12/2021 10:06	0.1	2.6
04/12/2021 10:12	0.1	2.5
04/12/2021 10:18	0.2	2.5
04/12/2021 10:24	0.1	2.5
04/12/2021 10:30	0.1	2.5
04/12/2021 10:36	0.1	2.5
04/12/2021 10:42	0.1	2.5
04/12/2021 10:48	0.1	2.5
04/12/2021 10:54	0.1	2.5
04/12/2021 11:00	0.2	2.5
04/12/2021 11:06	0.2	2.5
04/12/2021 11:12	0.2	2.5
04/12/2021 11:18	0.2	2.5
04/12/2021 11:24	0.2	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/12/2021 11:30	0.2	2.5
04/12/2021 11:36	0.3	2.5
04/12/2021 11:42	0.2	2.5
04/12/2021 11:48	0.2	2.5
04/12/2021 11:54	0.2	2.5
04/12/2021 12:00	0.2	2.5
04/12/2021 12:06	0.1	2.6
04/12/2021 12:12	0.1	2.6
04/12/2021 12:18	0.1	2.6
04/12/2021 12:24	0.1	2.6
04/12/2021 12:30	0.2	2.6
04/12/2021 12:36	0.1	2.6
04/12/2021 12:42	0.1	2.6
04/12/2021 12:48	0.1	2.6
04/12/2021 12:54	0.1	2.6
04/12/2021 13:00	0.1	2.6
04/12/2021 13:06	0.1	2.6
04/12/2021 13:12	0.1	2.6
04/12/2021 13:18	0.1	2.6
04/12/2021 13:24	0.1	2.6
04/12/2021 13:30	0.1	2.5
04/12/2021 13:36	0.1	2.5
04/12/2021 13:42	0	2.5
04/12/2021 13:48	0.1	2.5
04/12/2021 13:54	0	2.5
04/12/2021 14:00	0	2.5
04/12/2021 14:06	0	2.5
04/12/2021 14:12	-0.2	2.5
04/12/2021 14:18	-0.4	2.5
04/12/2021 14:24	-0.4	2.5
04/12/2021 14:30	-0.4	2.5
04/12/2021 14:36	-0.4	2.5
04/12/2021 14:42	-0.4	2.5
04/12/2021 14:48	-0.4	2.5
04/12/2021 14:54	-0.4	2.5
04/12/2021 15:00	-0.4	2.5
04/12/2021 15:06	-0.4	2.5
04/12/2021 15:12	-0.3	2.5
04/12/2021 15:18	-0.4	2.5
04/12/2021 15:24	-0.3	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/12/2021 15:30	-0.1	2.5
04/12/2021 15:36	0.1	2.5
04/12/2021 15:42	0.1	2.6
04/12/2021 15:48	0.1	2.6
04/12/2021 15:54	0.1	2.6
04/12/2021 16:00	0.1	2.6
04/12/2021 16:06	0.1	2.6
04/12/2021 16:12	0.1	2.6
04/12/2021 16:18	0.1	2.6
04/12/2021 16:24	0.1	2.6
04/12/2021 16:30	0.1	2.6
04/12/2021 16:36	0.1	2.6
04/12/2021 16:42	0.1	2.6
04/12/2021 16:48	0	2.6
04/12/2021 16:54	0	2.6
04/12/2021 17:00	0	2.6
04/12/2021 17:06	0	2.6
04/12/2021 17:12	0.1	2.6
04/12/2021 17:18	0	2.6
04/12/2021 17:24	0	2.6
04/12/2021 17:30	0	2.6
04/12/2021 17:36	0	2.6
04/12/2021 17:42	-0.1	2.6
04/12/2021 17:48	0	2.6
04/12/2021 17:54	0	2.6
04/12/2021 18:00	0.1	2.6
04/12/2021 18:06	0.1	2.6
04/12/2021 18:12	0.1	2.6
04/12/2021 18:18	0.1	2.6
04/12/2021 18:24	0.1	2.6
04/12/2021 18:30	0.1	2.6
04/12/2021 18:36	0.2	2.6
04/12/2021 18:42	0.2	2.6
04/12/2021 18:48	0.2	2.6
04/12/2021 18:54	0.2	2.6
04/12/2021 19:00	0.2	2.6
04/12/2021 19:06	0.2	2.6
04/12/2021 19:12	0.2	2.6
04/12/2021 19:18	0.2	2.6
04/12/2021 19:24	0.2	2.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
04/12/2021 19:30	0.2	2.6
04/12/2021 19:36	0.2	2.6
04/12/2021 19:42	0.2	2.6
04/12/2021 19:48	0.2	2.6
04/12/2021 19:54	0.2	2.6
04/12/2021 20:00	0.2	2.6
04/12/2021 20:06	0.2	2.6
04/12/2021 20:12	0.2	2.6
04/12/2021 20:18	0.2	2.6
04/12/2021 20:24	0.2	2.6
04/12/2021 20:30	0.2	2.6
04/12/2021 20:36	0.2	2.6
04/12/2021 20:42	0.1	2.6
04/12/2021 20:48	0.1	2.6
04/12/2021 20:54	0.1	2.6
04/12/2021 21:00	0.2	2.6
04/12/2021 21:06	0.2	2.6
04/12/2021 21:12	0.2	2.6
04/12/2021 21:18	0.2	2.6
04/12/2021 21:24	0.2	2.6
04/12/2021 21:30	0.2	2.6
04/12/2021 21:36	0.1	2.6
04/12/2021 21:42	0.1	2.6
04/12/2021 21:48	0.1	2.6
04/12/2021 21:54	0.2	6.1
04/12/2021 22:00	0.2	7
04/12/2021 22:06	0.1	3.1
04/12/2021 22:12	0.2	2.6
04/12/2021 22:18	0.2	2.6
04/12/2021 22:24	0.1	2.6
04/12/2021 22:30	0.1	2.6
04/12/2021 22:36	0.1	2.6
04/12/2021 22:42	0.2	2.6
04/12/2021 22:48	0.2	2.6
04/12/2021 22:54	0.1	2.6
04/12/2021 23:00	0.1	2.6
04/12/2021 23:06	0.1	2.6
04/12/2021 23:12	0.1	2.6
04/12/2021 23:18	0.1	2.6
04/12/2021 23:24	0.1	2.6

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	%	%
04/12/2021 23:30	0.1	2.6
04/12/2021 23:36	0.1	2.6
04/12/2021 23:42	0.2	2.6
04/12/2021 23:48	0.2	2.6
04/12/2021 23:54	0	2.6
05/12/2021 00:00	-0.3	2.6
05/12/2021 00:06	-0.2	2.6
05/12/2021 00:12	-0.1	2.6
05/12/2021 00:18	-0.1	2.6
05/12/2021 00:24	-0.1	2.6
05/12/2021 00:30	0	2.6
05/12/2021 00:36	0	2.6
05/12/2021 00:42	0	2.6
05/12/2021 00:48	0	2.6
05/12/2021 00:54	0.1	2.6
05/12/2021 01:00	0.1	2.6
05/12/2021 01:06	0.1	2.6
05/12/2021 01:12	0.1	2.6
05/12/2021 01:18	0.1	2.6
05/12/2021 01:24	0	2.6
05/12/2021 01:30	-0.2	2.5
05/12/2021 01:36	-0.2	2.5
05/12/2021 01:42	-0.2	2.6
05/12/2021 01:48	-0.1	2.6
05/12/2021 01:54	-0.1	2.6
05/12/2021 02:00	-0.1	2.6
05/12/2021 02:06	0	2.6
05/12/2021 02:12	0	2.6
05/12/2021 02:18	0	2.6
05/12/2021 02:24	0	2.6
05/12/2021 02:30	0	2.5
05/12/2021 02:36	0	2.5
05/12/2021 02:42	0	2.5
05/12/2021 02:48	0	2.6
05/12/2021 02:54	0	2.6
05/12/2021 03:00	0.1	2.6
05/12/2021 03:06	0.1	2.6
05/12/2021 03:12	0	2.5
05/12/2021 03:18	0.1	2.5
05/12/2021 03:24	0.1	2.5



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 03:30	0.1	2.5
05/12/2021 03:36	0.1	2.5
05/12/2021 03:42	0.1	2.5
05/12/2021 03:48	0.1	2.5
05/12/2021 03:54	0.1	2.6
05/12/2021 04:00	0.1	2.6
05/12/2021 04:06	0.1	2.6
05/12/2021 04:12	0.1	2.6
05/12/2021 04:18	0.1	2.6
05/12/2021 04:24	0.1	2.6
05/12/2021 04:30	0.1	2.6
05/12/2021 04:36	0.1	2.6
05/12/2021 04:42	0.1	2.6
05/12/2021 04:48	0	2.6
05/12/2021 04:54	0	2.6
05/12/2021 05:00	0	2.6
05/12/2021 05:06	0	2.6
05/12/2021 05:12	-0.2	2.6
05/12/2021 05:18	-0.3	2.6
05/12/2021 05:24	-0.3	2.6
05/12/2021 05:30	-0.3	2.6
05/12/2021 05:36	-0.2	2.6
05/12/2021 05:42	-0.2	2.6
05/12/2021 05:48	-0.2	2.6
05/12/2021 05:54	-0.3	2.6
05/12/2021 06:00	-0.3	2.6
05/12/2021 06:06	-0.3	2.6
05/12/2021 06:12	-0.3	2.6
05/12/2021 06:18	-0.3	2.6
05/12/2021 06:24	-0.3	2.6
05/12/2021 06:30	-0.3	2.6
05/12/2021 06:36	-0.3	2.6
05/12/2021 06:42	-0.3	2.6
05/12/2021 06:48	-0.3	2.6
05/12/2021 06:54	-0.3	2.6
05/12/2021 07:00	-0.3	2.6
05/12/2021 07:06	-0.3	2.6
05/12/2021 07:12	-0.3	2.6
05/12/2021 07:18	-0.3	2.6
05/12/2021 07:24	-0.3	2.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 07:30	-0.3	2.6
05/12/2021 07:36	0.1	2.6
05/12/2021 07:42	0.4	2.6
05/12/2021 07:48	0.2	2.6
05/12/2021 07:54	0	2.5
05/12/2021 08:00	0	2.5
05/12/2021 08:06	0	2.5
05/12/2021 08:12	-0.1	2.5
05/12/2021 08:18	-0.1	2.5
05/12/2021 08:24	-0.1	2.5
05/12/2021 08:30	-0.1	2.5
05/12/2021 08:36	-0.1	2.5
05/12/2021 08:42	-0.1	2.5
05/12/2021 08:48	-0.1	2.5
05/12/2021 08:54	-0.2	2.5
05/12/2021 09:00	-0.4	2.5
05/12/2021 09:06	-0.4	2.6
05/12/2021 09:12	-0.4	2.6
05/12/2021 09:18	-0.4	2.6
05/12/2021 09:24	-0.3	2.6
05/12/2021 09:30	-0.4	2.6
05/12/2021 09:36	-0.4	2.6
05/12/2021 09:42	-0.3	2.6
05/12/2021 09:48	-0.3	2.5
05/12/2021 09:54	-0.3	2.5
05/12/2021 10:00	-0.1	2.5
05/12/2021 10:06	0	2.5
05/12/2021 10:12	0	2.5
05/12/2021 10:18	0.1	2.5
05/12/2021 10:24	0	2.5
05/12/2021 10:30	0.1	2.5
05/12/2021 10:36	0.1	2.5
05/12/2021 10:42	0.1	2.5
05/12/2021 10:48	0.1	2.5
05/12/2021 10:54	0.1	2.5
05/12/2021 11:00	0.1	2.5
05/12/2021 11:06	0.1	2.5
05/12/2021 11:12	0.1	2.5
05/12/2021 11:18	0.1	2.5
05/12/2021 11:24	0.1	2.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 11:30	0.2	2.5
05/12/2021 11:36	0.2	2.5
05/12/2021 11:42	0.2	2.5
05/12/2021 11:48	0.2	2.5
05/12/2021 11:54	0.2	2.5
05/12/2021 12:00	0.2	2.5
05/12/2021 12:06	0.1	2.5
05/12/2021 12:12	0.1	2.5
05/12/2021 12:18	0.1	2.5
05/12/2021 12:24	0.1	2.5
05/12/2021 12:30	0	2.5
05/12/2021 12:36	0.1	2.5
05/12/2021 12:42	0.1	2.5
05/12/2021 12:48	0.1	2.5
05/12/2021 12:54	0.1	2.5
05/12/2021 13:00	0.1	2.5
05/12/2021 13:06	0.1	2.5
05/12/2021 13:12	0.1	2.5
05/12/2021 13:18	0.1	2.5
05/12/2021 13:24	0	2.5
05/12/2021 13:30	0.1	2.5
05/12/2021 13:36	0.1	2.5
05/12/2021 13:42	0.1	2.5
05/12/2021 13:48	0.1	2.5
05/12/2021 13:54	0.1	2.5
05/12/2021 14:00	0	2.5
05/12/2021 14:06	0	2.5
05/12/2021 14:12	0	2.5
05/12/2021 14:18	-0.2	2.5
05/12/2021 14:24	-0.3	2.5
05/12/2021 14:30	-0.2	2.5
05/12/2021 14:36	-0.2	2.5
05/12/2021 14:42	-0.3	2.5
05/12/2021 14:48	-0.3	2.5
05/12/2021 14:54	-0.3	2.5
05/12/2021 15:00	-0.3	2.5
05/12/2021 15:06	-0.3	2.5
05/12/2021 15:12	-0.3	2.5
05/12/2021 15:18	-0.4	2.5
05/12/2021 15:24	-0.4	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 15:30	-0.3	2.5
05/12/2021 15:36	-0.3	2.5
05/12/2021 15:42	-0.3	2.5
05/12/2021 15:48	-0.3	2.5
05/12/2021 15:54	-0.3	2.5
05/12/2021 16:00	-0.3	2.5
05/12/2021 16:06	-0.3	2.5
05/12/2021 16:12	-0.4	2.5
05/12/2021 16:18	-0.4	2.5
05/12/2021 16:24	-0.4	2.5
05/12/2021 16:30	-0.4	2.5
05/12/2021 16:36	-0.4	2.5
05/12/2021 16:42	-0.4	2.5
05/12/2021 16:48	-0.4	2.5
05/12/2021 16:54	-0.4	2.5
05/12/2021 17:00	-0.4	2.5
05/12/2021 17:06	-0.4	2.5
05/12/2021 17:12	-0.4	2.5
05/12/2021 17:18	-0.4	2.5
05/12/2021 17:24	-0.4	2.5
05/12/2021 17:30	-0.4	2.5
05/12/2021 17:36	-0.2	2.5
05/12/2021 17:42	-0.1	2.5
05/12/2021 17:48	-0.1	2.5
05/12/2021 17:54	0	2.5
05/12/2021 18:00	0	2.5
05/12/2021 18:06	0.1	2.5
05/12/2021 18:12	0.1	2.5
05/12/2021 18:18	0.2	2.5
05/12/2021 18:24	0.2	2.5
05/12/2021 18:30	0.2	2.5
05/12/2021 18:36	0.2	2.5
05/12/2021 18:42	0.1	2.5
05/12/2021 18:48	0	2.5
05/12/2021 18:54	0	2.5
05/12/2021 19:00	0	2.5
05/12/2021 19:06	0	2.5
05/12/2021 19:12	0	2.5
05/12/2021 19:18	0	2.5
05/12/2021 19:24	0	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 19:30	0	2.5
05/12/2021 19:36	0	2.5
05/12/2021 19:42	-0.1	2.5
05/12/2021 19:48	-0.1	5.4
05/12/2021 19:54	-0.1	7.9
05/12/2021 20:00	-0.1	3.9
05/12/2021 20:06	-0.1	2.5
05/12/2021 20:12	-0.1	2.5
05/12/2021 20:18	-0.1	2.5
05/12/2021 20:24	-0.1	2.4
05/12/2021 20:30	-0.1	2.4
05/12/2021 20:36	-0.2	2.4
05/12/2021 20:42	-0.4	2.5
05/12/2021 20:48	-0.5	2.4
05/12/2021 20:54	-0.5	2.5
05/12/2021 21:00	-0.5	2.5
05/12/2021 21:06	-0.5	2.5
05/12/2021 21:12	-0.5	2.5
05/12/2021 21:18	-0.5	2.5
05/12/2021 21:24	-0.5	2.5
05/12/2021 21:30	-0.5	2.5
05/12/2021 21:36	-0.5	2.5
05/12/2021 21:42	-0.5	2.5
05/12/2021 21:48	-0.5	2.5
05/12/2021 21:54	-0.5	2.5
05/12/2021 22:00	-0.5	2.5
05/12/2021 22:06	-0.5	2.5
05/12/2021 22:12	-0.5	2.5
05/12/2021 22:18	-0.5	2.5
05/12/2021 22:24	-0.5	2.5
05/12/2021 22:30	-0.5	2.5
05/12/2021 22:36	-0.5	2.5
05/12/2021 22:42	-0.5	2.5
05/12/2021 22:48	-0.5	2.5
05/12/2021 22:54	-0.5	2.5
05/12/2021 23:00	-0.5	2.5
05/12/2021 23:06	-0.5	2.5
05/12/2021 23:12	-0.5	2.5
05/12/2021 23:18	-0.5	2.5
05/12/2021 23:24	-0.5	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
05/12/2021 23:30	-0.4	2.5
05/12/2021 23:36	-0.4	2.5
05/12/2021 23:42	-0.4	2.4
05/12/2021 23:48	-0.4	2.4
05/12/2021 23:54	-0.4	2.5
06/12/2021 00:00	-0.4	2.5
06/12/2021 00:06	-0.4	2.5
06/12/2021 00:12	-0.4	2.5
06/12/2021 00:18	-0.4	2.5
06/12/2021 00:24	-0.4	2.5
06/12/2021 00:30	-0.4	2.5
06/12/2021 00:36	-0.4	2.5
06/12/2021 00:42	-0.4	2.5
06/12/2021 00:48	-0.4	2.5
06/12/2021 00:54	-0.4	2.5
06/12/2021 01:00	-0.4	2.5
06/12/2021 01:06	-0.4	2.5
06/12/2021 01:12	-0.4	2.6
06/12/2021 01:18	-0.4	2.6
06/12/2021 01:24	-0.4	2.6
06/12/2021 01:30	-0.3	2.6
06/12/2021 01:36	-0.4	2.6
06/12/2021 01:42	-0.4	2.6
06/12/2021 01:48	-0.4	2.7
06/12/2021 01:54	-0.4	2.7
06/12/2021 02:00	-0.2	2.8
06/12/2021 02:06	-0.1	2.8
06/12/2021 02:12	-0.1	2.9
06/12/2021 02:18	-0.2	2.9
06/12/2021 02:24	-0.2	2.8
06/12/2021 02:30	-0.2	2.8
06/12/2021 02:36	-0.2	2.8
06/12/2021 02:42	-0.2	2.8
06/12/2021 02:48	-0.2	2.9
06/12/2021 02:54	-0.2	2.9
06/12/2021 03:00	-0.2	2.8
06/12/2021 03:06	-0.2	2.8
06/12/2021 03:12	-0.2	2.9
06/12/2021 03:18	-0.2	2.9
06/12/2021 03:24	-0.2	2.8

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
06/12/2021 03:30	-0.2	2.8
06/12/2021 03:36	-0.2	2.8
06/12/2021 03:42	-0.2	2.9
06/12/2021 03:48	-0.1	2.9
06/12/2021 03:54	0	2.9
06/12/2021 04:00	0.1	2.9
06/12/2021 04:06	0.1	2.9
06/12/2021 04:12	0.1	2.9
06/12/2021 04:18	0.2	3
06/12/2021 04:24	0.3	3
06/12/2021 04:30	0.3	3
06/12/2021 04:36	0.3	3
06/12/2021 04:42	0.3	3
06/12/2021 04:48	0.4	3.1
06/12/2021 04:54	0.4	3.1
06/12/2021 05:00	0.3	3
06/12/2021 05:06	0	3
06/12/2021 05:12	-0.2	3
06/12/2021 05:18	-0.1	3
06/12/2021 05:24	-0.2	3
06/12/2021 05:30	-0.2	3
06/12/2021 05:36	0	3
06/12/2021 05:42	0.3	3
06/12/2021 05:48	0.4	2.9
06/12/2021 05:54	0.4	2.9
06/12/2021 06:00	0.4	2.9
06/12/2021 06:06	0.4	2.9
06/12/2021 06:12	0.4	2.9
06/12/2021 06:18	0.4	2.9
06/12/2021 06:24	0.4	2.8
06/12/2021 06:30	0.4	2.8
06/12/2021 06:36	0.4	2.8
06/12/2021 06:42	0.4	2.8
06/12/2021 06:48	0.4	2.9
06/12/2021 06:54	0.4	2.9
06/12/2021 07:00	0.4	2.9
06/12/2021 07:06	0.4	2.8
06/12/2021 07:12	0.3	2.8
06/12/2021 07:18	0.3	2.8
06/12/2021 07:24	0.3	2.8

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/12/2021 07:30	0.3	2.8
06/12/2021 07:36	0.2	2.8
06/12/2021 07:42	0.2	2.8
06/12/2021 07:48	0.3	2.8
06/12/2021 07:54	0.2	2.8
06/12/2021 08:00	0.3	2.8
06/12/2021 08:06	0.3	2.8
06/12/2021 08:12	0.3	2.8
06/12/2021 08:18	0.3	2.8
06/12/2021 08:24	0.2	2.8
06/12/2021 08:30	0.2	2.8
06/12/2021 08:36	0.2	2.8
06/12/2021 08:42	0.2	2.8
06/12/2021 08:48	0.2	2.8
06/12/2021 08:54	0.3	2.8
06/12/2021 09:00	0.3	2.8
06/12/2021 09:06	0.1	2.8
06/12/2021 09:12	-0.2	2.8
06/12/2021 09:18	-0.2	2.8
06/12/2021 09:24	-0.2	2.7
06/12/2021 09:30	-0.2	2.7
06/12/2021 09:36	-0.2	2.7
06/12/2021 09:42	-0.2	2.7
06/12/2021 09:48	-0.2	2.7
06/12/2021 09:54	-0.2	2.7
06/12/2021 10:00	-0.2	2.7
06/12/2021 10:06	-0.2	2.7
06/12/2021 10:12	-0.2	2.7
06/12/2021 10:18	-0.2	2.7
06/12/2021 10:24	-0.2	2.7
06/12/2021 10:30	-0.2	2.7
06/12/2021 10:36	-0.2	2.7
06/12/2021 10:42	-0.2	2.7
06/12/2021 10:48	-0.2	2.7
06/12/2021 10:54	-0.2	2.6
06/12/2021 11:00	-0.2	2.6
06/12/2021 11:06	-0.2	2.6
06/12/2021 11:12	-0.2	2.6
06/12/2021 11:18	-0.2	2.6
06/12/2021 11:24	-0.1	2.6



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/12/2021 11:30	-0.1	2.6
06/12/2021 11:36	-0.2	2.6
06/12/2021 11:42	-0.2	2.6
06/12/2021 11:48	-0.1	2.6
06/12/2021 11:54	-0.1	2.6
06/12/2021 12:00	-0.3	2.6
06/12/2021 12:06	-0.6	2.5
06/12/2021 12:12	-0.6	2.5
06/12/2021 12:18	-0.6	2.5
06/12/2021 12:24	-0.5	2.5
06/12/2021 12:30	-0.5	2.4
06/12/2021 12:36	-0.6	2.4
06/12/2021 12:42	-0.5	2.4
06/12/2021 12:48	-0.5	2.4
06/12/2021 12:54	-0.5	2.4
06/12/2021 13:00	-0.6	2.4
06/12/2021 13:06	-0.5	2.4
06/12/2021 13:12	-0.5	2.4
06/12/2021 13:18	-0.5	2.4
06/12/2021 13:24	-0.6	2.4
06/12/2021 13:30	-0.6	2.4
06/12/2021 13:36	-0.6	2.4
06/12/2021 13:42	-0.6	2.4
06/12/2021 13:48	-0.6	2.4
06/12/2021 13:54	-0.6	2.4
06/12/2021 14:00	-0.6	2.4
06/12/2021 14:06	-0.6	2.4
06/12/2021 14:12	-0.6	2.4
06/12/2021 14:18	-0.4	2.4
06/12/2021 14:24	-0.1	2.4
06/12/2021 14:30	-0.1	2.4
06/12/2021 14:36	-0.1	2.4
06/12/2021 14:42	-0.1	2.4
06/12/2021 14:48	-0.1	2.4
06/12/2021 14:54	-0.1	2.5
06/12/2021 15:00	-0.1	2.5
06/12/2021 15:06	-0.1	2.5
06/12/2021 15:12	-0.1	2.5
06/12/2021 15:18	-0.1	2.5
06/12/2021 15:24	-0.1	2.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/12/2021 15:30	-0.1	2.5
06/12/2021 15:36	-0.1	2.5
06/12/2021 15:42	-0.1	2.5
06/12/2021 15:48	-0.1	2.5
06/12/2021 15:54	-0.1	2.5
06/12/2021 16:00	-0.1	2.5
06/12/2021 16:06	-0.1	2.5
06/12/2021 16:12	-0.1	2.5
06/12/2021 16:18	-0.1	2.5
06/12/2021 16:24	-0.1	2.5
06/12/2021 16:30	-0.1	2.5
06/12/2021 16:36	-0.1	2.5
06/12/2021 16:42	-0.1	2.5
06/12/2021 16:48	-0.1	2.5
06/12/2021 16:54	-0.1	2.5
06/12/2021 17:00	-0.1	2.5
06/12/2021 17:06	-0.1	2.4
06/12/2021 17:12	-0.1	2.4
06/12/2021 17:18	-0.1	2.4
06/12/2021 17:24	-0.1	2.4
06/12/2021 17:30	-0.1	2.4
06/12/2021 17:36	0	2.4
06/12/2021 17:42	0	2.4
06/12/2021 17:48	0	2.4
06/12/2021 17:54	0	2.4
06/12/2021 18:00	0	2.4
06/12/2021 18:06	0	2.4
06/12/2021 18:12	0	2.4
06/12/2021 18:18	0	2.4
06/12/2021 18:24	0	2.4
06/12/2021 18:30	0	2.4
06/12/2021 18:36	0	2.4
06/12/2021 18:42	0	2.4
06/12/2021 18:48	0	2.4
06/12/2021 18:54	0	2.4
06/12/2021 19:00	0	2.4
06/12/2021 19:06	0	2.4
06/12/2021 19:12	0	2.4
06/12/2021 19:18	0	2.4
06/12/2021 19:24	0	2.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
06/12/2021 19:30	0	2.4
06/12/2021 19:36	0	2.5
06/12/2021 19:42	0	2.5
06/12/2021 19:48	0.1	2.5
06/12/2021 19:54	0.1	2.6
06/12/2021 20:00	0	2.6
06/12/2021 20:06	0	2.6
06/12/2021 20:12	0	2.6
06/12/2021 20:18	0.1	2.6
06/12/2021 20:24	0.1	2.6
06/12/2021 20:30	0	2.7
06/12/2021 20:36	-0.3	2.7
06/12/2021 20:42	-0.4	2.7
06/12/2021 20:48	-0.5	2.6
06/12/2021 20:54	-0.2	2.6
06/12/2021 21:00	-0.2	2.6
06/12/2021 21:06	-0.5	2.5
06/12/2021 21:12	-0.6	2.5
06/12/2021 21:18	-0.6	2.5
06/12/2021 21:24	-0.6	2.5
06/12/2021 21:30	-0.6	2.5
06/12/2021 21:36	-0.6	2.4
06/12/2021 21:42	-0.7	2.4
06/12/2021 21:48	-0.6	2.4
06/12/2021 21:54	-0.3	2.4
06/12/2021 22:00	-0.2	2.4
06/12/2021 22:06	-0.3	2.4
06/12/2021 22:12	-0.3	2.4
06/12/2021 22:18	-0.3	2.4
06/12/2021 22:24	-0.2	2.4
06/12/2021 22:30	-0.3	2.4
06/12/2021 22:36	-0.4	2.4
06/12/2021 22:42	-0.4	2.4
06/12/2021 22:48	-0.4	2.4
06/12/2021 22:54	-0.4	2.4
06/12/2021 23:00	-0.5	2.4
06/12/2021 23:06	-0.4	2.4
06/12/2021 23:12	-0.4	2.4
06/12/2021 23:18	-0.4	2.4
06/12/2021 23:24	-0.4	2.4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
06/12/2021 23:30	-0.4	2.4
06/12/2021 23:36	-0.5	2.4
06/12/2021 23:42	-0.6	2.4
06/12/2021 23:48	-0.6	2.4
06/12/2021 23:54	-0.6	2.4
07/12/2021 00:00	-0.5	2.4
07/12/2021 00:06	-0.5	2.4
07/12/2021 00:12	-0.5	2.4
07/12/2021 00:18	-0.5	2.4
07/12/2021 00:24	-0.5	2.4
07/12/2021 00:30	-0.6	2.4
07/12/2021 00:36	-0.6	2.4
07/12/2021 00:42	-0.6	2.4
07/12/2021 00:48	-0.6	2.4
07/12/2021 00:54	-0.6	2.4
07/12/2021 01:00	-0.7	2.4
07/12/2021 01:06	-0.7	2.4
07/12/2021 01:12	-0.7	2.4
07/12/2021 01:18	-0.7	2.4
07/12/2021 01:24	-0.7	2.4
07/12/2021 01:30	-0.7	2.4
07/12/2021 01:36	-0.8	2.4
07/12/2021 01:42	-0.8	2.4
07/12/2021 01:48	-0.8	2.4
07/12/2021 01:54	-0.8	2.4
07/12/2021 02:00	-0.8	2.4
07/12/2021 02:06	-0.8	2.4
07/12/2021 02:12	-0.8	2.4
07/12/2021 02:18	-0.8	2.4
07/12/2021 02:24	-0.9	2.4
07/12/2021 02:30	-0.9	2.4
07/12/2021 02:36	-0.9	2.4
07/12/2021 02:42	-1	2.4
07/12/2021 02:48	-1	2.4
07/12/2021 02:54	-1	2.4
07/12/2021 03:00	-1	2.4
07/12/2021 03:06	-1.1	2.4
07/12/2021 03:12	-1.1	2.4
07/12/2021 03:18	-1.1	2.4
07/12/2021 03:24	-1.1	2.4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
07/12/2021 03:30	-1	2.4
07/12/2021 03:36	-1	2.4
07/12/2021 03:42	-1	2.5
07/12/2021 03:48	-1	2.5
07/12/2021 03:54	-1.1	2.5
07/12/2021 04:00	-1.1	2.5
07/12/2021 04:06	-1.1	2.5
07/12/2021 04:12	-1	2.5
07/12/2021 04:18	-1.1	2.5
07/12/2021 04:24	-1.1	2.5
07/12/2021 04:30	-1.1	2.5
07/12/2021 04:36	-1.1	2.5
07/12/2021 04:42	-1.1	2.5
07/12/2021 04:48	-1.1	2.5
07/12/2021 04:54	-1.1	2.5
07/12/2021 05:00	-1.2	2.5
07/12/2021 05:06	-1.2	2.5
07/12/2021 05:12	-1.2	2.5
07/12/2021 05:18	-1.2	2.5
07/12/2021 05:24	-1.2	2.5
07/12/2021 05:30	-1.2	2.5
07/12/2021 05:36	-1.2	2.5
07/12/2021 05:42	-1.2	2.5
07/12/2021 05:48	-1.2	2.5
07/12/2021 05:54	-1.2	2.5
07/12/2021 06:00	-1.2	2.5
07/12/2021 06:06	-1.2	2.5
07/12/2021 06:12	-1.2	2.5
07/12/2021 06:18	-1.2	2.5
07/12/2021 06:24	-1.2	2.5
07/12/2021 06:30	-1.2	2.5
07/12/2021 06:36	-1.2	2.5
07/12/2021 06:42	-1.2	2.5
07/12/2021 06:48	-1.2	2.5
07/12/2021 06:54	-1.2	2.5
07/12/2021 07:00	-1.2	2.5
07/12/2021 07:06	-1.2	2.5
07/12/2021 07:12	-1.2	2.5
07/12/2021 07:18	-1.3	2.5
07/12/2021 07:24	-1.3	2.5

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/12/2021 07:30	-1.3	2.5
07/12/2021 07:36	-1.2	2.5
07/12/2021 07:42	-1.2	2.5
07/12/2021 07:48	-1.2	2.5
07/12/2021 07:54	-1.1	2.5
07/12/2021 08:00	-0.8	2.5
07/12/2021 08:06	-0.7	2.5
07/12/2021 08:12	-0.8	2.5
07/12/2021 08:18	-0.8	2.5
07/12/2021 08:24	-0.9	2.5
07/12/2021 08:30	-0.9	2.5
07/12/2021 08:36	-0.9	3.8
07/12/2021 08:42	-0.8	8.8
07/12/2021 08:48	-0.9	10.1
07/12/2021 08:54	-1.1	5.1
07/12/2021 09:00	-1.2	3.5
07/12/2021 09:06	-0.9	3.4
07/12/2021 09:12	-0.6	3.3
07/12/2021 09:18	-0.7	3.3
07/12/2021 09:24	-0.7	3.3
07/12/2021 09:30	-0.8	3.3
07/12/2021 09:36	-1	3.3
07/12/2021 09:42	-1.1	3.2
07/12/2021 09:48	-1	3.2
07/12/2021 09:54	-1	3.3
07/12/2021 10:00	-1.1	3.3
07/12/2021 10:06	-1.1	3.2
07/12/2021 10:12	-1.1	3.2
07/12/2021 10:18	-1.1	3.2
07/12/2021 10:24	-1.1	3.2
07/12/2021 10:30	-1.1	3.1
07/12/2021 10:36	-1.1	3.2
07/12/2021 10:42	-1.1	3.2
07/12/2021 10:48	-1.1	3.2
07/12/2021 10:54	-1.1	3.2
07/12/2021 11:00	-1.1	3.2
07/12/2021 11:06	-1	3.2
07/12/2021 11:12	-1	3.2
07/12/2021 11:18	-1	3.2
07/12/2021 11:24	-1	3.2

## 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 4
	%	%
07/12/2021 11:30	-0.8	3.2
07/12/2021 11:36	-0.6	3.3
07/12/2021 11:42	-0.5	3.3
07/12/2021 11:48	-0.5	3.3
07/12/2021 11:54	-0.6	3.3
07/12/2021 12:00	-0.3	3.4
07/12/2021 12:06	0.4	3.4
07/12/2021 12:12	0.4	3.4
07/12/2021 12:18	0.4	3.4
07/12/2021 12:24	0.4	3.4
07/12/2021 12:30	0.4	3.4
07/12/2021 12:36	0.4	3.4
07/12/2021 12:42	0.4	3.4
07/12/2021 12:48	0.4	3.4
07/12/2021 12:54	0.4	3.4
07/12/2021 13:00	0.4	3.4
07/12/2021 13:06	0.4	3.4
07/12/2021 13:12	0.4	3.4
07/12/2021 13:18	0.4	3.4
07/12/2021 13:24	0.4	3.4
07/12/2021 13:30	0.4	3.4
07/12/2021 13:36	0.3	3.3
07/12/2021 13:42	0.3	3.4
07/12/2021 13:48	0.3	3.4
07/12/2021 13:54	0.3	3.4
07/12/2021 14:00	0.3	3.4
07/12/2021 14:06	0.3	3.4
07/12/2021 14:12	0.4	3.4
07/12/2021 14:18	0.2	3.4
07/12/2021 14:24	0	3.3
07/12/2021 14:30	0	3.3
07/12/2021 14:36	0	3.4
07/12/2021 14:42	0.1	3.4
07/12/2021 14:48	0.1	3.4
07/12/2021 14:54	0.1	3.4
07/12/2021 15:00	0.1	3.4
07/12/2021 15:06	0.1	3.5
07/12/2021 15:12	0.1	3.5
07/12/2021 15:18	0.1	3.5
07/12/2021 15:24	0.1	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  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/12/2021 15:30	0.2	3.4
07/12/2021 15:36	0.2	3.4
07/12/2021 15:42	0.1	3.5
07/12/2021 15:48	0.2	3.5
07/12/2021 15:54	0.1	3.5
07/12/2021 16:00	0.2	3.5
07/12/2021 16:06	0.1	3.6
07/12/2021 16:12	0.1	3.6
07/12/2021 16:18	0.1	3.6
07/12/2021 16:24	0.2	3.6
07/12/2021 16:30	0.2	3.6
07/12/2021 16:36	0.2	3.5
07/12/2021 16:42	0.1	3.5
07/12/2021 16:48	0.1	3.5
07/12/2021 16:54	0.1	3.5
07/12/2021 17:00	0.1	3.5
07/12/2021 17:06	0.1	3.5
07/12/2021 17:12	0.1	3.5
07/12/2021 17:18	0.1	3.5
07/12/2021 17:24	0.1	3.5
07/12/2021 17:30	0.1	3.5
07/12/2021 17:36	0.1	3.5
07/12/2021 17:42	0.1	3.5
07/12/2021 17:48	0.1	3.5
07/12/2021 17:54	0.1	3.5
07/12/2021 18:00	0.1	3.5
07/12/2021 18:06	0.1	3.5
07/12/2021 18:12	0.1	3.5
07/12/2021 18:18	0.1	3.5
07/12/2021 18:24	0.1	3.5
07/12/2021 18:30	0.1	3.5
07/12/2021 18:36	0.1	3.5
07/12/2021 18:42	0.1	3.5
07/12/2021 18:48	0.1	3.5
07/12/2021 18:54	0.1	3.5
07/12/2021 19:00	0.1	3.5
07/12/2021 19:06	0.1	3.5
07/12/2021 19:12	0.1	3.5
07/12/2021 19:18	0.1	3.5
07/12/2021 19:24	0.1	3.6



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
07/12/2021 19:30	0.1	3.5
07/12/2021 19:36	0.1	3.5
07/12/2021 19:42	0.1	3.5
07/12/2021 19:48	0.1	3.5
07/12/2021 19:54	0.1	3.6
07/12/2021 20:00	0.1	3.6
07/12/2021 20:06	0.1	3.6
07/12/2021 20:12	0.1	3.6
07/12/2021 20:18	0.1	3.6
07/12/2021 20:24	0.1	3.6
07/12/2021 20:30	0.1	3.6
07/12/2021 20:36	0.1	3.6
07/12/2021 20:42	0.1	3.6
07/12/2021 20:48	0.1	3.5
07/12/2021 20:54	0.1	3.5
07/12/2021 21:00	0.1	3.5
07/12/2021 21:06	0.5	3.5
07/12/2021 21:12	0.8	3.5
07/12/2021 21:18	0.8	3.4
07/12/2021 21:24	0.6	3.4
07/12/2021 21:30	0.2	3.4
07/12/2021 21:36	-0.1	3.4
07/12/2021 21:42	0	3.4
07/12/2021 21:48	0.1	3.4
07/12/2021 21:54	0.3	3.4
07/12/2021 22:00	0.5	3.4
07/12/2021 22:06	0.5	3.4
07/12/2021 22:12	0.5	3.4
07/12/2021 22:18	0.5	3.4
07/12/2021 22:24	0.3	4.1
07/12/2021 22:30	0.1	4.8
07/12/2021 22:36	0.1	4.8
07/12/2021 22:42	0.1	4.8
07/12/2021 22:48	0.1	4.8
07/12/2021 22:54	0.1	4.8
07/12/2021 23:00	0.1	4.8
07/12/2021 23:06	0.1	4.8
07/12/2021 23:12	0.1	4.7
07/12/2021 23:18	0.2	4.7
07/12/2021 23:24	0.1	4.7

## 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 4
	%	%
07/12/2021 23:30	0.1	4.7
07/12/2021 23:36	0.2	4.6
07/12/2021 23:42	0.4	4.6
07/12/2021 23:48	0.5	4.6
07/12/2021 23:54	0.4	4.5
08/12/2021 00:00	0.4	4.5
08/12/2021 00:06	0.4	4.6
08/12/2021 00:12	0.4	4.5
08/12/2021 00:18	0.4	4.5
08/12/2021 00:24	0.5	4.5
08/12/2021 00:30	0.3	4.5
08/12/2021 00:36	-0.1	4.5
08/12/2021 00:42	-0.1	4.6
08/12/2021 00:48	-0.1	4.6
08/12/2021 00:54	-0.1	4.6
08/12/2021 01:00	-0.1	4.6
08/12/2021 01:06	0	4.6
08/12/2021 01:12	0	4.6
08/12/2021 01:18	0	4.6
08/12/2021 01:24	0	4.7
08/12/2021 01:30	0	4.6
08/12/2021 01:36	-0.1	4.6
08/12/2021 01:42	0.1	4.7
08/12/2021 01:48	0.2	4.7
08/12/2021 01:54	0.5	4.7
08/12/2021 02:00	0.7	4.7
08/12/2021 02:06	0.7	4.7
08/12/2021 02:12	0.7	4.6
08/12/2021 02:18	0.7	4.7
08/12/2021 02:24	0.7	4.7
08/12/2021 02:30	0.7	4.6
08/12/2021 02:36	0.7	4.7
08/12/2021 02:42	0.7	4.7
08/12/2021 02:48	0.7	4.6
08/12/2021 02:54	0.7	4.7
08/12/2021 03:00	0.7	4.7
08/12/2021 03:06	0.5	4.7
08/12/2021 03:12	0.5	4.7
08/12/2021 03:18	0.6	4.7
08/12/2021 03:24	0.6	4.7

## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 03:30	0.6	4.7
08/12/2021 03:36	0.7	4.7
08/12/2021 03:42	0.7	4.7
08/12/2021 03:48	0.7	4.7
08/12/2021 03:54	0.7	4.7
08/12/2021 04:00	0.8	4.7
08/12/2021 04:06	0.8	4.7
08/12/2021 04:12	0.9	4.7
08/12/2021 04:18	0.8	4.7
08/12/2021 04:24	0.8	4.7
08/12/2021 04:30	0.9	4.7
08/12/2021 04:36	0.9	4.7
08/12/2021 04:42	0.9	4.3
08/12/2021 04:48	0.9	3.6
08/12/2021 04:54	0.7	3.4
08/12/2021 05:00	-0.2	4.1
08/12/2021 05:06	-0.6	4.5
08/12/2021 05:12	-0.6	4.5
08/12/2021 05:18	-0.8	4.6
08/12/2021 05:24	-0.8	4.6
08/12/2021 05:30	-0.9	4.6
08/12/2021 05:36	-0.9	4.6
08/12/2021 05:42	-0.9	4.7
08/12/2021 05:48	-0.9	4.6
08/12/2021 05:54	-0.9	4.6
08/12/2021 06:00	-0.9	4.6
08/12/2021 06:06	-0.8	4.6
08/12/2021 06:12	-0.8	4.6
08/12/2021 06:18	-0.9	4.6
08/12/2021 06:24	-0.9	4.6
08/12/2021 06:30	-0.8	4.6
08/12/2021 06:36	-0.8	4.6
08/12/2021 06:42	-0.8	4.6
08/12/2021 06:48	-0.8	4.6
08/12/2021 06:54	-0.8	4.7
08/12/2021 07:00	-0.8	4.6
08/12/2021 07:06	-0.8	4.6
08/12/2021 07:12	-0.8	4.6
08/12/2021 07:18	-0.8	4.6
08/12/2021 07:24	-0.8	4.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 07:30	-0.8	4.6
08/12/2021 07:36	-0.8	4.7
08/12/2021 07:42	-0.8	4.6
08/12/2021 07:48	0.6	4.5
08/12/2021 07:54	0.5	4.5
08/12/2021 08:00	0.2	4.5
08/12/2021 08:06	0.1	4.5
08/12/2021 08:12	0.1	4.5
08/12/2021 08:18	0	4.5
08/12/2021 08:24	0.1	4.6
08/12/2021 08:30	0.3	4.6
08/12/2021 08:36	0.4	4.6
08/12/2021 08:42	0.2	4.6
08/12/2021 08:48	0	4.6
08/12/2021 08:54	0	4.6
08/12/2021 09:00	0	4.7
08/12/2021 09:06	0	4.7
08/12/2021 09:12	0	4.6
08/12/2021 09:18	-0.1	4.6
08/12/2021 09:24	-0.1	4.6
08/12/2021 09:30	-0.1	4.7
08/12/2021 09:36	-0.1	4.7
08/12/2021 09:42	-0.1	4.6
08/12/2021 09:48	-0.1	4.6
08/12/2021 09:54	-0.1	4.6
08/12/2021 10:00	-0.1	4.7
08/12/2021 10:06	-0.1	4.5
08/12/2021 10:12	-0.1	4.5
08/12/2021 10:18	0	4.5
08/12/2021 10:24	0	4.5
08/12/2021 10:30	0	4.5
08/12/2021 10:36	-0.1	4.5
08/12/2021 10:42	-0.1	4.5
08/12/2021 10:48	0	4.4
08/12/2021 10:54	0	4.5
08/12/2021 11:00	0	4.5
08/12/2021 11:06	0	4.5
08/12/2021 11:12	0	4.5
08/12/2021 11:18	0.1	4.5
08/12/2021 11:24	0.5	4.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 11:30	0.6	4.6
08/12/2021 11:36	0.6	4.5
08/12/2021 11:42	0.6	4.5
08/12/2021 11:48	0.3	4.5
08/12/2021 11:54	0	4.5
08/12/2021 12:00	0.1	4.6
08/12/2021 12:06	0.1	4.6
08/12/2021 12:12	0.1	4.6
08/12/2021 12:18	0.1	4.5
08/12/2021 12:24	0.1	4.5
08/12/2021 12:30	0.1	4.6
08/12/2021 12:36	0.1	4.6
08/12/2021 12:42	0.1	4.6
08/12/2021 12:48	0.1	4.5
08/12/2021 12:54	0.2	4.5
08/12/2021 13:00	0.2	4.5
08/12/2021 13:06	0.2	4.5
08/12/2021 13:12	0.2	4.5
08/12/2021 13:18	0.2	4.5
08/12/2021 13:24	0.2	4.5
08/12/2021 13:30	0.2	4.5
08/12/2021 13:36	0.2	4.5
08/12/2021 13:42	0.2	4.5
08/12/2021 13:48	0.3	4.5
08/12/2021 13:54	0.2	4.5
08/12/2021 14:00	0.4	4.6
08/12/2021 14:06	0.7	4.6
08/12/2021 14:12	0.6	4.6
08/12/2021 14:18	0.6	4.6
08/12/2021 14:24	0.6	4.6
08/12/2021 14:30	0.6	4.6
08/12/2021 14:36	0.6	4.6
08/12/2021 14:42	0.4	4.3
08/12/2021 14:48	0	4.1
08/12/2021 14:54	0.3	4.3
08/12/2021 15:00	0.6	4.5
08/12/2021 15:06	0.7	4.5
08/12/2021 15:12	0.7	4.5
08/12/2021 15:18	0.7	4.5
08/12/2021 15:24	0.5	4.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 15:30	0.1	4.6
08/12/2021 15:36	0	4.6
08/12/2021 15:42	0.1	4.6
08/12/2021 15:48	0.1	4.6
08/12/2021 15:54	0.1	4.6
08/12/2021 16:00	0.2	4.5
08/12/2021 16:06	0.2	4.6
08/12/2021 16:12	0.2	4.6
08/12/2021 16:18	0.2	4.6
08/12/2021 16:24	0.3	4.6
08/12/2021 16:30	0.3	4.6
08/12/2021 16:36	0.3	4.6
08/12/2021 16:42	0.3	4.6
08/12/2021 16:48	0.3	4.6
08/12/2021 16:54	0.4	4.6
08/12/2021 17:00	0.4	4.6
08/12/2021 17:06	0.4	4.6
08/12/2021 17:12	0.4	4.6
08/12/2021 17:18	0.4	4.6
08/12/2021 17:24	0.4	4.6
08/12/2021 17:30	0.4	4.6
08/12/2021 17:36	0.4	4.6
08/12/2021 17:42	0.4	4.6
08/12/2021 17:48	0.4	4.6
08/12/2021 17:54	0.4	4.6
08/12/2021 18:00	0.4	4.6
08/12/2021 18:06	0.4	4.6
08/12/2021 18:12	0.4	4.6
08/12/2021 18:18	0.4	4.6
08/12/2021 18:24	0.4	4.6
08/12/2021 18:30	0.4	4.6
08/12/2021 18:36	0.4	4.5
08/12/2021 18:42	0.4	4.6
08/12/2021 18:48	0.4	4.6
08/12/2021 18:54	0.4	4.6
08/12/2021 19:00	0.4	4.6
08/12/2021 19:06	0.4	4.6
08/12/2021 19:12	0.4	4.6
08/12/2021 19:18	0.4	4.6
08/12/2021 19:24	0.4	4.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 19:30	0.4	4.7
08/12/2021 19:36	0.4	4.7
08/12/2021 19:42	0.4	4.7
08/12/2021 19:48	0.4	4.7
08/12/2021 19:54	0.4	4.7
08/12/2021 20:00	0.4	4.7
08/12/2021 20:06	0.4	4.8
08/12/2021 20:12	0.4	4.7
08/12/2021 20:18	0.4	4.8
08/12/2021 20:24	0.4	4.8
08/12/2021 20:30	0.4	4.8
08/12/2021 20:36	0.4	4.8
08/12/2021 20:42	0.4	4.9
08/12/2021 20:48	0.4	4.9
08/12/2021 20:54	0.4	4.9
08/12/2021 21:00	0.4	4.9
08/12/2021 21:06	0.4	4.9
08/12/2021 21:12	0.3	4.8
08/12/2021 21:18	0.3	4.8
08/12/2021 21:24	0.3	4.8
08/12/2021 21:30	0.3	4.8
08/12/2021 21:36	0.3	4.8
08/12/2021 21:42	0.3	4.8
08/12/2021 21:48	0.3	4.8
08/12/2021 21:54	0.2	4.8
08/12/2021 22:00	0.2	4.7
08/12/2021 22:06	0.2	4.7
08/12/2021 22:12	0.2	4.7
08/12/2021 22:18	0.2	4.7
08/12/2021 22:24	0.2	4.7
08/12/2021 22:30	0.2	4.7
08/12/2021 22:36	0.2	4.7
08/12/2021 22:42	0.2	4.7
08/12/2021 22:48	0.1	4.7
08/12/2021 22:54	0.1	4.7
08/12/2021 23:00	0.1	4.7
08/12/2021 23:06	0.1	4.7
08/12/2021 23:12	0.2	4.6
08/12/2021 23:18	0.2	4.7
08/12/2021 23:24	0.2	4.7

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
08/12/2021 23:30	0.2	4.7
08/12/2021 23:36	0.2	4.7
08/12/2021 23:42	0.2	4.7
08/12/2021 23:48	0.2	4.7
08/12/2021 23:54	0.2	4.7
09/12/2021 00:00	0.2	4.7
09/12/2021 00:06	0.2	4.7
09/12/2021 00:12	0.2	4.7
09/12/2021 00:18	0.2	4.7
09/12/2021 00:24	0.2	4.7
09/12/2021 00:30	0.2	4.7
09/12/2021 00:36	0.2	4.7
09/12/2021 00:42	0.2	4.7
09/12/2021 00:48	0.2	4.7
09/12/2021 00:54	0.2	4.7
09/12/2021 01:00	0.2	4.7
09/12/2021 01:06	0.2	4.7
09/12/2021 01:12	0.2	4.7
09/12/2021 01:18	0.2	4.7
09/12/2021 01:24	0.2	4.7
09/12/2021 01:30	0.2	4.7
09/12/2021 01:36	0.2	4.7
09/12/2021 01:42	0.3	4.7
09/12/2021 01:48	0.3	4.7
09/12/2021 01:54	0.3	4.7
09/12/2021 02:00	0.3	4.7
09/12/2021 02:06	0.3	4.7
09/12/2021 02:12	0.3	4.7
09/12/2021 02:18	0.4	4.7
09/12/2021 02:24	0.4	4.7
09/12/2021 02:30	0.4	4.7
09/12/2021 02:36	0.4	4.6
09/12/2021 02:42	-0.2	4.5
09/12/2021 02:48	-0.8	4.4
09/12/2021 02:54	-0.9	4.5
09/12/2021 03:00	-0.9	4.5
09/12/2021 03:06	-0.9	4.4
09/12/2021 03:12	-1	4.4
09/12/2021 03:18	-1	4.4
09/12/2021 03:24	-0.9	4.4



## 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 4
	%	%
09/12/2021 03:30	-0.9	4.4
09/12/2021 03:36	-0.9	4.4
09/12/2021 03:42	-0.9	4.4
09/12/2021 03:48	-0.9	4.5
09/12/2021 03:54	-0.9	4.4
09/12/2021 04:00	-0.9	4.4
09/12/2021 04:06	-0.9	4.4
09/12/2021 04:12	-1	4.4
09/12/2021 04:18	-1	4.4
09/12/2021 04:24	-0.9	4.4
09/12/2021 04:30	-0.9	4.4
09/12/2021 04:36	-0.9	4.4
09/12/2021 04:42	-0.9	4.4
09/12/2021 04:48	-1	4.4
09/12/2021 04:54	-0.9	4.4
09/12/2021 05:00	-0.9	4.4
09/12/2021 05:06	-1	4.5
09/12/2021 05:12	-1	4.5
09/12/2021 05:18	-1	4.4
09/12/2021 05:24	-1	4.4
09/12/2021 05:30	-1	4.5
09/12/2021 05:36	-1	4.5
09/12/2021 05:42	-1	4.6
09/12/2021 05:48	-1	4.5
09/12/2021 05:54	-1	4.5
09/12/2021 06:00	-1	4.5
09/12/2021 06:06	-1	4.5
09/12/2021 06:12	-1	4.5
09/12/2021 06:18	-1	4.5
09/12/2021 06:24	-1	4.5
09/12/2021 06:30	-1	4.5
09/12/2021 06:36	-1	4.5
09/12/2021 06:42	-0.9	4.5
09/12/2021 06:48	-0.9	4.5
09/12/2021 06:54	-0.9	4.5
09/12/2021 07:00	-0.9	4.5
09/12/2021 07:06	-0.9	4.5
09/12/2021 07:12	-0.9	4.5
09/12/2021 07:18	0.4	4.5
09/12/2021 07:24	0.5	4.5

## Opacity Data Summary Report

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Date & Time	PE 1	PE 4
	%	%
09/12/2021 07:30	0.2	4.5
09/12/2021 07:36	0.1	4.4
09/12/2021 07:42	0.1	4.4
09/12/2021 07:48	0.1	4.4
09/12/2021 07:54	0.2	4.4
09/12/2021 08:00	0.2	4.5
09/12/2021 08:06	0.1	4.5
09/12/2021 08:12	0.1	4.4
09/12/2021 08:18	0.2	4.4
09/12/2021 08:24	0.2	4.4
09/12/2021 08:30	0.3	4.4
09/12/2021 08:36	0.3	4.4
09/12/2021 08:42	0.2	4.3
09/12/2021 08:48	0	4.3
09/12/2021 08:54	-0.1	4.4
09/12/2021 09:00	0	4.4
09/12/2021 09:06	0	4.4
09/12/2021 09:12	0	4.4
09/12/2021 09:18	-0.1	4.4
09/12/2021 09:24	-0.1	4.4
09/12/2021 09:30	-0.1	4.3
09/12/2021 09:36	-0.1	4.3
09/12/2021 09:42	-0.1	4.3
09/12/2021 09:48	-0.1	4.4
09/12/2021 09:54	-0.1	4.4
09/12/2021 10:00	-0.1	4.3
09/12/2021 10:06	-0.1	4.3
09/12/2021 10:12	-0.1	4.3
09/12/2021 10:18	-0.1	4.3
09/12/2021 10:24	-0.1	4.4
09/12/2021 10:30	-0.1	3.9
09/12/2021 10:36	-0.1	3.3
09/12/2021 10:42	-0.1	3.2
09/12/2021 10:48	-0.1	3.2
09/12/2021 10:54	-0.1	3.3
09/12/2021 11:00	-0.1	3.3
09/12/2021 11:06	-0.1	3.2
09/12/2021 11:12	-0.1	3.2
09/12/2021 11:18	0	3.3
09/12/2021 11:24	0	3.3

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/12/2021 11:30	0	3.3
09/12/2021 11:36	0.1	3.3
09/12/2021 11:42	0.1	3.2
09/12/2021 11:48	0.1	3.2
09/12/2021 11:54	0.1	3.3
09/12/2021 12:00	0	3.3
09/12/2021 12:06	-0.1	3.3
09/12/2021 12:12	0	3.3
09/12/2021 12:18	0	3.3
09/12/2021 12:24	0	3.3
09/12/2021 12:30	0	3.3
09/12/2021 12:36	0	3.3
09/12/2021 12:42	0	3.3
09/12/2021 12:48	0	3.3
09/12/2021 12:54	0	3.3
09/12/2021 13:00	0	3.3
09/12/2021 13:06	-0.1	3.3
09/12/2021 13:12	0	3.3
09/12/2021 13:18	0	3.3
09/12/2021 13:24	-0.1	3.3
09/12/2021 13:30	-0.1	3.3
09/12/2021 13:36	0	3.3
09/12/2021 13:42	-0.1	3.3
09/12/2021 13:48	0	3.3
09/12/2021 13:54	0	3.3
09/12/2021 14:00	0	3.3
09/12/2021 14:06	0.1	3.3
09/12/2021 14:12	0.1	3.3
09/12/2021 14:18	-0.2	3.4
09/12/2021 14:24	-0.7	3.4
09/12/2021 14:30	-0.7	3.3
09/12/2021 14:36	-0.7	3.3
09/12/2021 14:42	-0.7	3.3
09/12/2021 14:48	-0.7	3.3
09/12/2021 14:54	-0.8	3.4
09/12/2021 15:00	-0.8	3.4
09/12/2021 15:06	-0.8	3.4
09/12/2021 15:12	-0.8	3.4
09/12/2021 15:18	-0.7	3.5
09/12/2021 15:24	-0.8	3.4

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09/12/2021 15:30	-0.8	3.3
09/12/2021 15:36	-0.7	3.3
09/12/2021 15:42	-0.7	3.3
09/12/2021 15:48	-0.7	3.3
09/12/2021 15:54	-0.7	3.4
09/12/2021 16:00	-0.7	3.4
09/12/2021 16:06	-0.7	3.4
09/12/2021 16:12	-0.7	3.4
09/12/2021 16:18	-0.8	3.4
09/12/2021 16:24	-0.8	3.4
09/12/2021 16:30	-0.8	3.5
09/12/2021 16:36	-0.8	3.5
09/12/2021 16:42	-0.8	3.5
09/12/2021 16:48	-0.7	3.5
09/12/2021 16:54	-0.7	3.5
09/12/2021 17:00	-0.7	3.5
09/12/2021 17:06	-0.8	3.5
09/12/2021 17:12	-0.8	3.5
09/12/2021 17:18	-0.8	3.5
09/12/2021 17:24	-0.8	3.5
09/12/2021 17:30	-0.8	3.5
09/12/2021 17:36	-0.7	3.5
09/12/2021 17:42	-0.7	3.4
09/12/2021 17:48	-0.7	3.4
09/12/2021 17:54	-0.8	3.5
09/12/2021 18:00	-0.7	3.5
09/12/2021 18:06	-0.7	3.4
09/12/2021 18:12	-0.7	3.5
09/12/2021 18:18	-0.7	3.5
09/12/2021 18:24	-0.7	3.5
09/12/2021 18:30	-0.7	3.5
09/12/2021 18:36	-0.7	3.6
09/12/2021 18:42	-0.7	3.6
09/12/2021 18:48	-0.7	3.6
09/12/2021 18:54	-0.7	3.6
09/12/2021 19:00	-0.7	3.6
09/12/2021 19:06	-0.7	3.5
09/12/2021 19:12	-0.8	3.5
09/12/2021 19:18	-0.7	3.5
09/12/2021 19:24	-0.7	3.5

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/12/2021 19:30	-0.7	3.5
09/12/2021 19:36	-0.7	3.5
09/12/2021 19:42	-0.7	3.5
09/12/2021 19:48	-0.7	3.5
09/12/2021 19:54	-0.7	3.5
09/12/2021 20:00	-0.8	3.5
09/12/2021 20:06	-0.7	3.5
09/12/2021 20:12	-0.7	3.5
09/12/2021 20:18	-0.8	3.6
09/12/2021 20:24	-0.7	3.7
09/12/2021 20:30	-0.7	3.6
09/12/2021 20:36	-0.7	3.6
09/12/2021 20:42	-0.7	3.5
09/12/2021 20:48	-0.7	3.4
09/12/2021 20:54	-0.7	3.4
09/12/2021 21:00	-0.7	3.4
09/12/2021 21:06	-0.7	3.4
09/12/2021 21:12	-0.7	3.4
09/12/2021 21:18	-0.7	3.4
09/12/2021 21:24	-0.7	3.4
09/12/2021 21:30	-0.7	3.4
09/12/2021 21:36	-0.7	3.5
09/12/2021 21:42	-0.7	3.5
09/12/2021 21:48	-0.7	3.5
09/12/2021 21:54	-0.7	3.5
09/12/2021 22:00	-0.7	3.5
09/12/2021 22:06	-0.7	3.5
09/12/2021 22:12	-0.7	3.6
09/12/2021 22:18	-0.7	3.6
09/12/2021 22:24	-0.7	3.5
09/12/2021 22:30	-0.7	3.5
09/12/2021 22:36	-0.7	3.5
09/12/2021 22:42	-0.8	3.6
09/12/2021 22:48	-0.8	3.5
09/12/2021 22:54	-0.8	3.5
09/12/2021 23:00	-0.8	3.4
09/12/2021 23:06	-0.8	3.4
09/12/2021 23:12	-0.8	3.5
09/12/2021 23:18	-0.8	3.5
09/12/2021 23:24	-0.8	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:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
09/12/2021 23:30	-0.8	3.5
09/12/2021 23:36	-0.8	3.6
09/12/2021 23:42	-0.8	3.6
09/12/2021 23:48	-0.8	3.6
09/12/2021 23:54	-0.8	3.6
10/12/2021 00:00	-0.8	3.6
10/12/2021 00:06	-0.8	3.6
10/12/2021 00:12	-0.8	3.6
10/12/2021 00:18	-0.8	3.5
10/12/2021 00:24	-0.8	3.5
10/12/2021 00:30	-0.8	3.6
10/12/2021 00:36	-0.8	3.6
10/12/2021 00:42	-0.8	3.6
10/12/2021 00:48	-0.8	3.6
10/12/2021 00:54	-0.8	3.5
10/12/2021 01:00	-0.8	3.4
10/12/2021 01:06	-0.8	3.3
10/12/2021 01:12	-0.8	3.3
10/12/2021 01:18	-0.8	3.3
10/12/2021 01:24	-0.8	3.3
10/12/2021 01:30	-0.8	3.4
10/12/2021 01:36	-0.8	3.4
10/12/2021 01:42	-0.8	3.4
10/12/2021 01:48	-0.8	3.4
10/12/2021 01:54	-0.8	3.4
10/12/2021 02:00	-0.8	3.4
10/12/2021 02:06	-0.8	3.3
10/12/2021 02:12	-0.8	3.4
10/12/2021 02:18	-0.8	3.4
10/12/2021 02:24	-0.8	3.4
10/12/2021 02:30	-0.8	3.4
10/12/2021 02:36	-0.8	3.3
10/12/2021 02:42	-0.8	3.3
10/12/2021 02:48	-0.8	3.3
10/12/2021 02:54	-0.8	3.3
10/12/2021 03:00	-0.8	3.4
10/12/2021 03:06	-0.7	3.4
10/12/2021 03:12	-0.8	3.3
10/12/2021 03:18	-0.8	3.3
10/12/2021 03:24	-0.8	3.3

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
10/12/2021 03:30	-0.8	3.3
10/12/2021 03:36	-0.8	3.3
10/12/2021 03:42	-0.8	3.3
10/12/2021 03:48	-0.8	3.3
10/12/2021 03:54	-0.8	3.3
10/12/2021 04:00	-0.8	3.3
10/12/2021 04:06	-0.8	3.3
10/12/2021 04:12	-0.7	3.3
10/12/2021 04:18	-0.8	3.3
10/12/2021 04:24	-0.8	3.3
10/12/2021 04:30	-0.8	3.3
10/12/2021 04:36	-0.8	3.3
10/12/2021 04:42	-0.7	3.3
10/12/2021 04:48	-0.8	3.3
10/12/2021 04:54	-0.8	3.3
10/12/2021 05:00	-0.7	3.3
10/12/2021 05:06	-0.7	3.3
10/12/2021 05:12	-0.7	3.3
10/12/2021 05:18	-0.8	3.3
10/12/2021 05:24	-0.7	3.3
10/12/2021 05:30	-0.7	3.3
10/12/2021 05:36	-0.7	3.3
10/12/2021 05:42	-0.7	3.3
10/12/2021 05:48	-0.7	3.3
10/12/2021 05:54	-0.7	3.3
10/12/2021 06:00	-0.7	3.3
10/12/2021 06:06	-0.7	3.3
10/12/2021 06:12	-0.7	3.3
10/12/2021 06:18	-0.7	3.3
10/12/2021 06:24	-0.7	3.3
10/12/2021 06:30	-0.7	3.3
10/12/2021 06:36	-0.7	3.3
10/12/2021 06:42	-0.7	3.3
10/12/2021 06:48	-0.7	3.3
10/12/2021 06:54	-0.7	3.3
10/12/2021 07:00	-0.7	3.3
10/12/2021 07:06	-0.7	3.3
10/12/2021 07:12	-0.7	3.3
10/12/2021 07:18	-0.7	3.3
10/12/2021 07:24	-0.7	3.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/12/2021 07:30	-0.7	3.3
10/12/2021 07:36	-0.7	3.3
10/12/2021 07:42	-0.7	3.2
10/12/2021 07:48	-0.7	3.2
10/12/2021 07:54	-0.7	3.2
10/12/2021 08:00	-0.7	3.3
10/12/2021 08:06	-0.7	3.3
10/12/2021 08:12	-0.6	3.3
10/12/2021 08:18	-0.6	3.3
10/12/2021 08:24	-0.6	3.3
10/12/2021 08:30	-0.6	3.7
10/12/2021 08:36	-0.6	4
10/12/2021 08:42	-0.6	3.8
10/12/2021 08:48	-0.6	3.7
10/12/2021 08:54	-0.6	3.7
10/12/2021 09:00	0.3	3.7
10/12/2021 09:06	2.8	3.7
10/12/2021 09:12	4.6	3.7
10/12/2021 09:18	3.4	3.7
10/12/2021 09:24	1.4	3.5
10/12/2021 09:30	1.3	3.3
10/12/2021 09:36	0.6	3.2
10/12/2021 09:42	0.4	3.2
10/12/2021 09:48	0.3	3.2
10/12/2021 09:54	0.3	3.2
10/12/2021 10:00	0.3	3.2
10/12/2021 10:06	0.3	3.2
10/12/2021 10:12	0.4	3.2
10/12/2021 10:18	0.3	3.2
10/12/2021 10:24	0.2	3.2
10/12/2021 10:30	0.2	3.2
10/12/2021 10:36	0.2	3.2
10/12/2021 10:42	0.3	3.2
10/12/2021 10:48	0.3	3.2
10/12/2021 10:54	0.3	3.2
10/12/2021 11:00	0.3	3.2
10/12/2021 11:06	0.3	3.2
10/12/2021 11:12	0.3	3.2
10/12/2021 11:18	0.3	3.2
10/12/2021 11:24	0.3	3.2



## Opacity Data Summary Report

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



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**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/12/2021 11:30	0.3	3.2
10/12/2021 11:36	0.3	3.2
10/12/2021 11:42	0.4	3.2
10/12/2021 11:48	0.4	3.2
10/12/2021 11:54	0.5	3.2
10/12/2021 12:00	0.5	3.2
10/12/2021 12:06	0.3	3.2
10/12/2021 12:12	0.3	3.2
10/12/2021 12:18	0.3	3.2
10/12/2021 12:24	0.3	3.2
10/12/2021 12:30	0.2	3.2
10/12/2021 12:36	0.2	3.2
10/12/2021 12:42	0.2	3.2
10/12/2021 12:48	0.3	3.2
10/12/2021 12:54	0.3	3.2
10/12/2021 13:00	0.3	3.2
10/12/2021 13:06	0.3	3.2
10/12/2021 13:12	<Samp	<Samp
10/12/2021 13:18	Maintain	Maintain
10/12/2021 13:24	Maintain	Maintain
10/12/2021 13:30	<Samp	<Samp
10/12/2021 13:36	0.4	3.2
10/12/2021 13:42	0.5	3.2
10/12/2021 13:48	0.5	3.2
10/12/2021 13:54	0.4	3.2
10/12/2021 14:00	0.5	3.4
10/12/2021 14:06	0.5	3.4
10/12/2021 14:12	0.5	3.4
10/12/2021 14:18	0.5	3.4
10/12/2021 14:24	0.5	3.4
10/12/2021 14:30	0.5	3.4
10/12/2021 14:36	0.5	3.4
10/12/2021 14:42	0.6	3.4
10/12/2021 14:48	0.6	3.4
10/12/2021 14:54	0.6	3.4
10/12/2021 15:00	0.6	3.4
10/12/2021 15:06	0.6	3.5
10/12/2021 15:12	0.6	3.5
10/12/2021 15:18	0.6	3.5
10/12/2021 15:24	0.6	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/12/2021 15:30	0.6	3.4
10/12/2021 15:36	0.7	3.5
10/12/2021 15:42	0.8	3.5
10/12/2021 15:48	0.8	3.4
10/12/2021 15:54	0.8	3.4
10/12/2021 16:00	0.8	3.5
10/12/2021 16:06	0.8	3.5
10/12/2021 16:12	0.8	3.5
10/12/2021 16:18	0.8	3.5
10/12/2021 16:24	0.7	3.5
10/12/2021 16:30	0.8	3.5
10/12/2021 16:36	0.8	3.5
10/12/2021 16:42	0.8	3.5
10/12/2021 16:48	0.8	3.5
10/12/2021 16:54	0.8	3.5
10/12/2021 17:00	0.8	3.6
10/12/2021 17:06	0.8	3.5
10/12/2021 17:12	0.8	3.5
10/12/2021 17:18	0.8	3.5
10/12/2021 17:24	0.7	3.6
10/12/2021 17:30	0.7	3.6
10/12/2021 17:36	0.8	3.6
10/12/2021 17:42	0.8	3.6
10/12/2021 17:48	0.8	3.5
10/12/2021 17:54	0.8	3.5
10/12/2021 18:00	0.8	3.6
10/12/2021 18:06	0.8	3.6
10/12/2021 18:12	0.8	3.6
10/12/2021 18:18	0.7	3.6
10/12/2021 18:24	0.7	3.6
10/12/2021 18:30	0.7	3.6
10/12/2021 18:36	0.8	3.6
10/12/2021 18:42	0.8	3.6
10/12/2021 18:48	0.7	3.6
10/12/2021 18:54	0.7	3.6
10/12/2021 19:00	0.7	3.6
10/12/2021 19:06	0.7	3.6
10/12/2021 19:12	0.7	3.6
10/12/2021 19:18	0.7	3.6
10/12/2021 19:24	0.6	3.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/12/2021 19:30	0.6	3.6
10/12/2021 19:36	0.7	3.6
10/12/2021 19:42	0.7	3.6
10/12/2021 19:48	0.7	3.6
10/12/2021 19:54	0.7	3.6
10/12/2021 20:00	0.7	3.6
10/12/2021 20:06	0.6	3.6
10/12/2021 20:12	0.6	3.7
10/12/2021 20:18	0.7	3.7
10/12/2021 20:24	0.7	3.7
10/12/2021 20:30	0.6	3.6
10/12/2021 20:36	0.6	3.6
10/12/2021 20:42	0.6	3.6
10/12/2021 20:48	0.7	3.6
10/12/2021 20:54	0.7	3.6
10/12/2021 21:00	0.7	3.6
10/12/2021 21:06	0.7	3.6
10/12/2021 21:12	0.6	3.6
10/12/2021 21:18	0.6	3.6
10/12/2021 21:24	0.6	3.7
10/12/2021 21:30	0.6	3.6
10/12/2021 21:36	0.6	3.6
10/12/2021 21:42	0.6	3.6
10/12/2021 21:48	0.6	3.6
10/12/2021 21:54	0.6	3.6
10/12/2021 22:00	0.6	3.7
10/12/2021 22:06	0.6	3.7
10/12/2021 22:12	0.6	3.7
10/12/2021 22:18	0.6	3.7
10/12/2021 22:24	0.6	3.7
10/12/2021 22:30	0.6	3.7
10/12/2021 22:36	0.7	3.7
10/12/2021 22:42	0.7	3.7
10/12/2021 22:48	0.7	3.7
10/12/2021 22:54	0.4	3.7
10/12/2021 23:00	-0.1	3.6
10/12/2021 23:06	-0.1	3.6
10/12/2021 23:12	-0.1	3.6
10/12/2021 23:18	-0.1	3.6
10/12/2021 23:24	0	3.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
10/12/2021 23:30	0	3.6
10/12/2021 23:36	0	3.7
10/12/2021 23:42	0.1	3.7
10/12/2021 23:48	0.1	3.7
10/12/2021 23:54	0.1	3.7
11/12/2021 00:00	0.1	3.7
11/12/2021 00:06	0.1	3.7
11/12/2021 00:12	0.1	3.7
11/12/2021 00:18	0.1	3.6
11/12/2021 00:24	0.1	3.7
11/12/2021 00:30	0.1	3.7
11/12/2021 00:36	0.2	3.7
11/12/2021 00:42	0.2	3.7
11/12/2021 00:48	0.2	3.7
11/12/2021 00:54	0.2	3.7
11/12/2021 01:00	0.2	3.7
11/12/2021 01:06	0.2	3.7
11/12/2021 01:12	0.2	3.7
11/12/2021 01:18	0.2	3.7
11/12/2021 01:24	0.3	3.7
11/12/2021 01:30	0.4	3.6
11/12/2021 01:36	0.2	2.6
11/12/2021 01:42	0	2
11/12/2021 01:48	0	2
11/12/2021 01:54	0	2
11/12/2021 02:00	-0.1	2
11/12/2021 02:06	0	2
11/12/2021 02:12	0	2
11/12/2021 02:18	0	2
11/12/2021 02:24	0	2.1
11/12/2021 02:30	0	2.1
11/12/2021 02:36	-0.1	2.1
11/12/2021 02:42	-0.1	2.1
11/12/2021 02:48	-0.1	2
11/12/2021 02:54	0	2
11/12/2021 03:00	0	2
11/12/2021 03:06	0	2
11/12/2021 03:12	0	2.1
11/12/2021 03:18	0.1	2.1
11/12/2021 03:24	0.2	2

## Opacity Data Summary Report

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 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/12/2021 03:30	0.2	2
11/12/2021 03:36	0.1	2.1
11/12/2021 03:42	0.1	2.1
11/12/2021 03:48	0.1	2.2
11/12/2021 03:54	0.1	2.3
11/12/2021 04:00	0.1	2.2
11/12/2021 04:06	0.1	2.2
11/12/2021 04:12	0.1	2.2
11/12/2021 04:18	0.1	2.2
11/12/2021 04:24	0	2.2
11/12/2021 04:30	0.1	2.2
11/12/2021 04:36	0.1	2.2
11/12/2021 04:42	0.1	2.2
11/12/2021 04:48	0.1	2.2
11/12/2021 04:54	0.1	2.3
11/12/2021 05:00	0.1	2.3
11/12/2021 05:06	0.1	2.3
11/12/2021 05:12	0.2	2.4
11/12/2021 05:18	0.2	2.4
11/12/2021 05:24	0.4	2.4
11/12/2021 05:30	0.6	4.8
11/12/2021 05:36	0.3	5.9
11/12/2021 05:42	0.1	4.2
11/12/2021 05:48	0.3	3.9
11/12/2021 05:54	0.5	3.9
11/12/2021 06:00	0.5	3.9
11/12/2021 06:06	0.6	3.9
11/12/2021 06:12	0.5	3.8
11/12/2021 06:18	0.3	3.9
11/12/2021 06:24	0.2	3.4
11/12/2021 06:30	0.2	2.5
11/12/2021 06:36	0.2	2.3
11/12/2021 06:42	0.2	2.3
11/12/2021 06:48	0.2	2.3
11/12/2021 06:54	0.2	2.4
11/12/2021 07:00	0.4	2.4
11/12/2021 07:06	0.7	2.4
11/12/2021 07:12	0.7	2.4
11/12/2021 07:18	0.6	2.4
11/12/2021 07:24	0.5	2.3

## 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 4
	%	%
11/12/2021 07:30	0.5	2.3
11/12/2021 07:36	0.5	2.3
11/12/2021 07:42	0.5	2.4
11/12/2021 07:48	0.4	2.4
11/12/2021 07:54	0.4	2.4
11/12/2021 08:00	0.2	2.4
11/12/2021 08:06	0.1	2.4
11/12/2021 08:12	0	2.3
11/12/2021 08:18	0	2.3
11/12/2021 08:24	0	2.3
11/12/2021 08:30	0	2.3
11/12/2021 08:36	0	2.3
11/12/2021 08:42	0	2.3
11/12/2021 08:48	0.1	2.3
11/12/2021 08:54	0.2	2.3
11/12/2021 09:00	0.1	2.3
11/12/2021 09:06	0.3	2.3
11/12/2021 09:12	0.7	2.3
11/12/2021 09:18	0.8	2.3
11/12/2021 09:24	0.8	2.3
11/12/2021 09:30	0.8	2.3
11/12/2021 09:36	0.9	2.4
11/12/2021 09:42	1	2.4
11/12/2021 09:48	1	2.4
11/12/2021 09:54	1	2.3
11/12/2021 10:00	0.9	2.3
11/12/2021 10:06	0.9	2.3
11/12/2021 10:12	0.7	2.2
11/12/2021 10:18	0.8	2.2
11/12/2021 10:24	0.9	2.2
11/12/2021 10:30	1	2.2
11/12/2021 10:36	0.9	4.5
11/12/2021 10:42	0.8	3.1
11/12/2021 10:48	0.7	2.3
11/12/2021 10:54	0.6	2.3
11/12/2021 11:00	0.6	2.3
11/12/2021 11:06	0.6	2.3
11/12/2021 11:12	0.6	2.3
11/12/2021 11:18	0.6	2.3
11/12/2021 11:24	0.6	2.3

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/12/2021 11:30	0.6	2.3
11/12/2021 11:36	0.6	2.3
11/12/2021 11:42	0.6	2.3
11/12/2021 11:48	0.6	2.3
11/12/2021 11:54	0.6	2.3
11/12/2021 12:00	0	2.2
11/12/2021 12:06	<Samp	<Samp
11/12/2021 12:12	B	2
11/12/2021 12:18	B	2
11/12/2021 12:24	B	2
11/12/2021 12:30	B	2
11/12/2021 12:36	B	2
11/12/2021 12:42	B	2
11/12/2021 12:48	B	2
11/12/2021 12:54	B	2
11/12/2021 13:00	B	2
11/12/2021 13:06	B	1.9
11/12/2021 13:12	B	1.9
11/12/2021 13:18	B	1.9
11/12/2021 13:24	B	1.9
11/12/2021 13:30	B	1.9
11/12/2021 13:36	B	1.9
11/12/2021 13:42	B	1.9
11/12/2021 13:48	B	1.9
11/12/2021 13:54	B	1.9
11/12/2021 14:00	B	1.9
11/12/2021 14:06	B	1.9
11/12/2021 14:12	B	1.9
11/12/2021 14:18	B	1.9
11/12/2021 14:24	B	1.9
11/12/2021 14:30	B	1.9
11/12/2021 14:36	B	1.9
11/12/2021 14:42	B	1.9
11/12/2021 14:48	B	1.9
11/12/2021 14:54	B	1.9
11/12/2021 15:00	B	1.9
11/12/2021 15:06	B	1.9
11/12/2021 15:12	B	1.9
11/12/2021 15:18	B	1.9
11/12/2021 15:24	B	1.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/12/2021 15:30	B	1.9
11/12/2021 15:36	B	1.9
11/12/2021 15:42	B	1.9
11/12/2021 15:48	B	2
11/12/2021 15:54	B	2
11/12/2021 16:00	B	2
11/12/2021 16:06	B	2
11/12/2021 16:12	B	2
11/12/2021 16:18	B	2
11/12/2021 16:24	B	2
11/12/2021 16:30	B	2
11/12/2021 16:36	B	2
11/12/2021 16:42	B	2
11/12/2021 16:48	B	2
11/12/2021 16:54	B	2
11/12/2021 17:00	B	2
11/12/2021 17:06	B	2
11/12/2021 17:12	B	2
11/12/2021 17:18	B	2
11/12/2021 17:24	B	2
11/12/2021 17:30	B	2
11/12/2021 17:36	B	2
11/12/2021 17:42	B	2
11/12/2021 17:48	B	2
11/12/2021 17:54	B	2
11/12/2021 18:00	B	2
11/12/2021 18:06	B	2
11/12/2021 18:12	B	2
11/12/2021 18:18	B	2
11/12/2021 18:24	B	2
11/12/2021 18:30	B	2
11/12/2021 18:36	B	2
11/12/2021 18:42	B	2
11/12/2021 18:48	B	2
11/12/2021 18:54	B	2
11/12/2021 19:00	B	2
11/12/2021 19:06	B	2
11/12/2021 19:12	B	2
11/12/2021 19:18	B	2
11/12/2021 19:24	B	2



## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/12/2021 19:30	B	2
11/12/2021 19:36	B	2
11/12/2021 19:42	B	2
11/12/2021 19:48	B	2
11/12/2021 19:54	B	2
11/12/2021 20:00	B	2
11/12/2021 20:06	B	2
11/12/2021 20:12	B	2
11/12/2021 20:18	B	2
11/12/2021 20:24	B	2
11/12/2021 20:30	B	2
11/12/2021 20:36	B	2.1
11/12/2021 20:42	B	2.1
11/12/2021 20:48	B	2.1
11/12/2021 20:54	B	2.1
11/12/2021 21:00	B	2.1
11/12/2021 21:06	B	2.1
11/12/2021 21:12	B	2.1
11/12/2021 21:18	B	2.1
11/12/2021 21:24	B	2.1
11/12/2021 21:30	B	2.1
11/12/2021 21:36	B	2.1
11/12/2021 21:42	B	2.1
11/12/2021 21:48	B	2.1
11/12/2021 21:54	B	2.1
11/12/2021 22:00	B	2.1
11/12/2021 22:06	B	2.2
11/12/2021 22:12	B	2.3
11/12/2021 22:18	B	2.3
11/12/2021 22:24	B	2.3
11/12/2021 22:30	B	2.3
11/12/2021 22:36	B	2.2
11/12/2021 22:42	B	2.2
11/12/2021 22:48	B	2.1
11/12/2021 22:54	B	2.1
11/12/2021 23:00	B	2
11/12/2021 23:06	B	2
11/12/2021 23:12	B	2
11/12/2021 23:18	B	2
11/12/2021 23:24	B	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
11/12/2021 23:30	B	2
11/12/2021 23:36	B	2
11/12/2021 23:42	B	2
11/12/2021 23:48	B	2
11/12/2021 23:54	B	2
12/12/2021 00:00	B	2
12/12/2021 00:06	B	2
12/12/2021 00:12	B	2
12/12/2021 00:18	B	2
12/12/2021 00:24	B	2
12/12/2021 00:30	B	2
12/12/2021 00:36	B	2
12/12/2021 00:42	B	2.1
12/12/2021 00:48	B	2.1
12/12/2021 00:54	B	2.1
12/12/2021 01:00	B	2.1
12/12/2021 01:06	B	2.1
12/12/2021 01:12	B	2.1
12/12/2021 01:18	B	2.1
12/12/2021 01:24	B	2.1
12/12/2021 01:30	B	2.1
12/12/2021 01:36	B	2.1
12/12/2021 01:42	B	2.1
12/12/2021 01:48	B	2.1
12/12/2021 01:54	B	2.1
12/12/2021 02:00	B	2.1
12/12/2021 02:06	B	2.1
12/12/2021 02:12	B	2.1
12/12/2021 02:18	B	2.1
12/12/2021 02:24	B	2.2
12/12/2021 02:30	B	2.1
12/12/2021 02:36	B	2.1
12/12/2021 02:42	B	2.1
12/12/2021 02:48	B	2.1
12/12/2021 02:54	B	2.1
12/12/2021 03:00	B	2.2
12/12/2021 03:06	B	2.1
12/12/2021 03:12	B	2.1
12/12/2021 03:18	B	2.2
12/12/2021 03:24	B	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/12/2021 03:30	B	2.2
12/12/2021 03:36	B	2.2
12/12/2021 03:42	B	2.2
12/12/2021 03:48	B	2.2
12/12/2021 03:54	B	2.2
12/12/2021 04:00	B	2.2
12/12/2021 04:06	B	2.2
12/12/2021 04:12	B	2.2
12/12/2021 04:18	B	2.2
12/12/2021 04:24	B	2.2
12/12/2021 04:30	B	2.2
12/12/2021 04:36	B	2.2
12/12/2021 04:42	B	2.2
12/12/2021 04:48	B	2.2
12/12/2021 04:54	B	2.2
12/12/2021 05:00	B	2.2
12/12/2021 05:06	B	2.2
12/12/2021 05:12	B	2.2
12/12/2021 05:18	B	2.2
12/12/2021 05:24	B	2.2
12/12/2021 05:30	B	2.2
12/12/2021 05:36	B	2.2
12/12/2021 05:42	B	2.2
12/12/2021 05:48	B	2.2
12/12/2021 05:54	B	2.2
12/12/2021 06:00	B	2.2
12/12/2021 06:06	B	2.2
12/12/2021 06:12	B	2.2
12/12/2021 06:18	B	2.2
12/12/2021 06:24	B	2.2
12/12/2021 06:30	B	2.2
12/12/2021 06:36	B	2.2
12/12/2021 06:42	B	2.2
12/12/2021 06:48	B	2.2
12/12/2021 06:54	B	2.2
12/12/2021 07:00	B	2.2
12/12/2021 07:06	B	2.2
12/12/2021 07:12	B	2.2
12/12/2021 07:18	B	2.2
12/12/2021 07:24	B	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/12/2021 07:30	B	2.2
12/12/2021 07:36	B	2.2
12/12/2021 07:42	B	2.2
12/12/2021 07:48	B	2.2
12/12/2021 07:54	B	2.3
12/12/2021 08:00	B	2.3
12/12/2021 08:06	B	2.3
12/12/2021 08:12	B	2.3
12/12/2021 08:18	B	2.3
12/12/2021 08:24	B	2.3
12/12/2021 08:30	B	2.3
12/12/2021 08:36	B	2.3
12/12/2021 08:42	B	2.2
12/12/2021 08:48	B	2.2
12/12/2021 08:54	B	2.2
12/12/2021 09:00	B	2.2
12/12/2021 09:06	B	2.3
12/12/2021 09:12	B	2.3
12/12/2021 09:18	B	2.3
12/12/2021 09:24	B	2.3
12/12/2021 09:30	B	2.3
12/12/2021 09:36	B	2.3
12/12/2021 09:42	B	2.3
12/12/2021 09:48	B	2.2
12/12/2021 09:54	B	2.2
12/12/2021 10:00	B	2.2
12/12/2021 10:06	B	2.2
12/12/2021 10:12	B	2.2
12/12/2021 10:18	B	2.2
12/12/2021 10:24	B	2.2
12/12/2021 10:30	B	2.2
12/12/2021 10:36	B	2.2
12/12/2021 10:42	B	2.2
12/12/2021 10:48	B	2.2
12/12/2021 10:54	B	2.2
12/12/2021 11:00	B	2.2
12/12/2021 11:06	B	2.2
12/12/2021 11:12	B	2.2
12/12/2021 11:18	B	2.2
12/12/2021 11:24	B	2.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/12/2021 11:30	B	2.2
12/12/2021 11:36	B	2.2
12/12/2021 11:42	B	2.2
12/12/2021 11:48	B	2.2
12/12/2021 11:54	B	2.2
12/12/2021 12:00	B	2.3
12/12/2021 12:06	Calib	2.6
12/12/2021 12:12	OutCal	2.6
12/12/2021 12:18	OutCal	2.6
12/12/2021 12:24	OutCal	2.6
12/12/2021 12:30	OutCal	2.6
12/12/2021 12:36	OutCal	2.6
12/12/2021 12:42	OutCal	2.6
12/12/2021 12:48	OutCal	2.6
12/12/2021 12:54	OutCal	2.6
12/12/2021 13:00	OutCal	2.6
12/12/2021 13:06	OutCal	2.6
12/12/2021 13:12	OutCal	2.6
12/12/2021 13:18	OutCal	2.6
12/12/2021 13:24	OutCal	2.6
12/12/2021 13:30	OutCal	2.6
12/12/2021 13:36	OutCal	2.6
12/12/2021 13:42	OutCal	2.6
12/12/2021 13:48	OutCal	2.6
12/12/2021 13:54	OutCal	2.6
12/12/2021 14:00	OutCal	2.6
12/12/2021 14:06	OutCal	2.6
12/12/2021 14:12	OutCal	2.5
12/12/2021 14:18	OutCal	2.5
12/12/2021 14:24	OutCal	2.5
12/12/2021 14:30	OutCal	2.5
12/12/2021 14:36	OutCal	2.5
12/12/2021 14:42	OutCal	2.5
12/12/2021 14:48	OutCal	2.5
12/12/2021 14:54	OutCal	2.5
12/12/2021 15:00	OutCal	2.5
12/12/2021 15:06	OutCal	2.6
12/12/2021 15:12	OutCal	2.6
12/12/2021 15:18	OutCal	2.6
12/12/2021 15:24	OutCal	2.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/12/2021 15:30	OutCal	2.6
12/12/2021 15:36	OutCal	2.6
12/12/2021 15:42	OutCal	2.6
12/12/2021 15:48	OutCal	2.6
12/12/2021 15:54	OutCal	2.6
12/12/2021 16:00	OutCal	2.6
12/12/2021 16:06	OutCal	2.6
12/12/2021 16:12	OutCal	2.6
12/12/2021 16:18	OutCal	2.6
12/12/2021 16:24	OutCal	2.6
12/12/2021 16:30	OutCal	2.6
12/12/2021 16:36	OutCal	2.6
12/12/2021 16:42	OutCal	2.6
12/12/2021 16:48	OutCal	2.6
12/12/2021 16:54	OutCal	2.6
12/12/2021 17:00	OutCal	2.6
12/12/2021 17:06	OutCal	2.6
12/12/2021 17:12	OutCal	2.6
12/12/2021 17:18	OutCal	2.6
12/12/2021 17:24	OutCal	2.6
12/12/2021 17:30	OutCal	2.6
12/12/2021 17:36	OutCal	2.6
12/12/2021 17:42	OutCal	2.6
12/12/2021 17:48	OutCal	2.6
12/12/2021 17:54	OutCal	2.6
12/12/2021 18:00	OutCal	2.6
12/12/2021 18:06	OutCal	2.6
12/12/2021 18:12	OutCal	2.6
12/12/2021 18:18	OutCal	2.6
12/12/2021 18:24	OutCal	2.6
12/12/2021 18:30	OutCal	2.6
12/12/2021 18:36	OutCal	2.6
12/12/2021 18:42	OutCal	2.6
12/12/2021 18:48	OutCal	2.6
12/12/2021 18:54	OutCal	2.6
12/12/2021 19:00	OutCal	2.6
12/12/2021 19:06	OutCal	2.6
12/12/2021 19:12	OutCal	2.6
12/12/2021 19:18	OutCal	2.6
12/12/2021 19:24	OutCal	2.6

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
12/12/2021 19:30	OutCal	2.6
12/12/2021 19:36	OutCal	2.6
12/12/2021 19:42	OutCal	2.6
12/12/2021 19:48	OutCal	2.6
12/12/2021 19:54	OutCal	2.6
12/12/2021 20:00	OutCal	2.6
12/12/2021 20:06	OutCal	2.6
12/12/2021 20:12	OutCal	2.6
12/12/2021 20:18	OutCal	2.6
12/12/2021 20:24	OutCal	2.6
12/12/2021 20:30	OutCal	2.6
12/12/2021 20:36	OutCal	2.6
12/12/2021 20:42	OutCal	2.6
12/12/2021 20:48	OutCal	2.6
12/12/2021 20:54	OutCal	2.6
12/12/2021 21:00	OutCal	2.6
12/12/2021 21:06	OutCal	2.6
12/12/2021 21:12	OutCal	2.6
12/12/2021 21:18	OutCal	2.6
12/12/2021 21:24	OutCal	2.6
12/12/2021 21:30	OutCal	2.6
12/12/2021 21:36	OutCal	2.6
12/12/2021 21:42	OutCal	2.6
12/12/2021 21:48	OutCal	2.6
12/12/2021 21:54	OutCal	2.6
12/12/2021 22:00	OutCal	2.6
12/12/2021 22:06	OutCal	2.6
12/12/2021 22:12	OutCal	2.6
12/12/2021 22:18	OutCal	2.6
12/12/2021 22:24	OutCal	2.6
12/12/2021 22:30	OutCal	2.6
12/12/2021 22:36	OutCal	2.6
12/12/2021 22:42	OutCal	2.6
12/12/2021 22:48	OutCal	2.6
12/12/2021 22:54	OutCal	2.6
12/12/2021 23:00	OutCal	2.6
12/12/2021 23:06	OutCal	2.6
12/12/2021 23:12	OutCal	2.6
12/12/2021 23:18	OutCal	2.6
12/12/2021 23:24	OutCal	2.6

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**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
12/12/2021 23:30	OutCal	2.6
12/12/2021 23:36	OutCal	2.6
12/12/2021 23:42	OutCal	2.6
12/12/2021 23:48	OutCal	2.6
12/12/2021 23:54	OutCal	2.6
13/12/2021 00:00	OutCal	2.6
13/12/2021 00:06	OutCal	2.6
13/12/2021 00:12	OutCal	2.6
13/12/2021 00:18	OutCal	2.6
13/12/2021 00:24	OutCal	2.6
13/12/2021 00:30	OutCal	2.6
13/12/2021 00:36	OutCal	2.6
13/12/2021 00:42	OutCal	2.6
13/12/2021 00:48	OutCal	2.6
13/12/2021 00:54	OutCal	2.6
13/12/2021 01:00	OutCal	2.6
13/12/2021 01:06	OutCal	2.6
13/12/2021 01:12	OutCal	2.6
13/12/2021 01:18	OutCal	2.6
13/12/2021 01:24	OutCal	2.6
13/12/2021 01:30	OutCal	2.6
13/12/2021 01:36	OutCal	2.6
13/12/2021 01:42	OutCal	2.6
13/12/2021 01:48	OutCal	2.6
13/12/2021 01:54	OutCal	2.6
13/12/2021 02:00	OutCal	2.6
13/12/2021 02:06	OutCal	2.6
13/12/2021 02:12	OutCal	2.6
13/12/2021 02:18	OutCal	2.6
13/12/2021 02:24	OutCal	2.6
13/12/2021 02:30	OutCal	2.6
13/12/2021 02:36	OutCal	2.6
13/12/2021 02:42	OutCal	2.6
13/12/2021 02:48	OutCal	2.6
13/12/2021 02:54	OutCal	2.6
13/12/2021 03:00	OutCal	2.6
13/12/2021 03:06	OutCal	2.6
13/12/2021 03:12	OutCal	2.6
13/12/2021 03:18	OutCal	2.6
13/12/2021 03:24	OutCal	2.6



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/12/2021 03:30	OutCal	2.6
13/12/2021 03:36	OutCal	2.6
13/12/2021 03:42	OutCal	2.6
13/12/2021 03:48	OutCal	2.6
13/12/2021 03:54	OutCal	2.6
13/12/2021 04:00	OutCal	2.6
13/12/2021 04:06	OutCal	2.6
13/12/2021 04:12	OutCal	2.6
13/12/2021 04:18	OutCal	2.6
13/12/2021 04:24	OutCal	2.6
13/12/2021 04:30	OutCal	2.6
13/12/2021 04:36	OutCal	2.6
13/12/2021 04:42	OutCal	2.6
13/12/2021 04:48	OutCal	2.6
13/12/2021 04:54	OutCal	2.6
13/12/2021 05:00	OutCal	2.6
13/12/2021 05:06	OutCal	2.6
13/12/2021 05:12	OutCal	2.6
13/12/2021 05:18	OutCal	2.6
13/12/2021 05:24	OutCal	2.6
13/12/2021 05:30	OutCal	2.6
13/12/2021 05:36	OutCal	2.6
13/12/2021 05:42	OutCal	2.6
13/12/2021 05:48	OutCal	2.6
13/12/2021 05:54	OutCal	2.6
13/12/2021 06:00	OutCal	2.6
13/12/2021 06:06	OutCal	2.6
13/12/2021 06:12	OutCal	2.6
13/12/2021 06:18	OutCal	2.6
13/12/2021 06:24	OutCal	2.6
13/12/2021 06:30	OutCal	2.6
13/12/2021 06:36	OutCal	2.6
13/12/2021 06:42	OutCal	2.6
13/12/2021 06:48	OutCal	2.6
13/12/2021 06:54	OutCal	2.6
13/12/2021 07:00	OutCal	2.6
13/12/2021 07:06	OutCal	2.6
13/12/2021 07:12	OutCal	2.6
13/12/2021 07:18	OutCal	2.6
13/12/2021 07:24	OutCal	2.6

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/12/2021 07:30	OutCal	2.6
13/12/2021 07:36	OutCal	2.6
13/12/2021 07:42	OutCal	2.6
13/12/2021 07:48	OutCal	2.6
13/12/2021 07:54	OutCal	2.6
13/12/2021 08:00	OutCal	2.6
13/12/2021 08:06	OutCal	2.6
13/12/2021 08:12	OutCal	6.3
13/12/2021 08:18	OutCal	9.2
13/12/2021 08:24	OutCal	4
13/12/2021 08:30	OutCal	2.5
13/12/2021 08:36	OutCal	5
13/12/2021 08:42	OutCal	6.8
13/12/2021 08:48	OutCal	4.7
13/12/2021 08:54	OutCal	3.8
13/12/2021 09:00	OutCal	3.7
13/12/2021 09:06	OutCal	3.6
13/12/2021 09:12	OutCal	3.6
13/12/2021 09:18	OutCal	3.6
13/12/2021 09:24	OutCal	3.6
13/12/2021 09:30	OutCal	3.6
13/12/2021 09:36	OutCal	3.6
13/12/2021 09:42	OutCal	3.6
13/12/2021 09:48	OutCal	3.6
13/12/2021 09:54	OutCal	3.6
13/12/2021 10:00	OutCal	3.6
13/12/2021 10:06	OutCal	3.5
13/12/2021 10:12	OutCal	3.4
13/12/2021 10:18	OutCal	3.3
13/12/2021 10:24	OutCal	3.3
13/12/2021 10:30	OutCal	3.3
13/12/2021 10:36	OutCal	3.3
13/12/2021 10:42	OutCal	3.3
13/12/2021 10:48	OutCal	3.3
13/12/2021 10:54	OutCal	3.3
13/12/2021 11:00	OutCal	3.3
13/12/2021 11:06	OutCal	3.3
13/12/2021 11:12	OutCal	4.4
13/12/2021 11:18	OutCal	4.5
13/12/2021 11:24	OutCal	3.4

## Opacity Data Summary Report

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



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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/12/2021 11:30	OutCal	3.4
13/12/2021 11:36	OutCal	3.4
13/12/2021 11:42	OutCal	3.4
13/12/2021 11:48	OutCal	3.4
13/12/2021 11:54	OutCal	3.4
13/12/2021 12:00	Calib	3.5
13/12/2021 12:06	0.6	3.5
13/12/2021 12:12	0.6	3.5
13/12/2021 12:18	0.7	3.5
13/12/2021 12:24	0.6	3.5
13/12/2021 12:30	0.7	3.5
13/12/2021 12:36	0.7	3.5
13/12/2021 12:42	0.7	3.5
13/12/2021 12:48	0.7	3.5
13/12/2021 12:54	0.7	3.5
13/12/2021 13:00	0.7	3.5
13/12/2021 13:06	0.7	3.5
13/12/2021 13:12	0.7	3.5
13/12/2021 13:18	0.7	3.5
13/12/2021 13:24	0.7	3.5
13/12/2021 13:30	0.7	3.5
13/12/2021 13:36	0.8	3.5
13/12/2021 13:42	0.8	3.5
13/12/2021 13:48	0.8	3.5
13/12/2021 13:54	0.7	3.5
13/12/2021 14:00	0.7	3.4
13/12/2021 14:06	0.7	3.4
13/12/2021 14:12	0.9	3.4
13/12/2021 14:18	1.3	3.4
13/12/2021 14:24	1.3	3.4
13/12/2021 14:30	1.3	3.4
13/12/2021 14:36	1.3	3.4
13/12/2021 14:42	1.3	3.4
13/12/2021 14:48	1.3	3.4
13/12/2021 14:54	1.3	3.4
13/12/2021 15:00	1.3	3.4
13/12/2021 15:06	1.3	3.4
13/12/2021 15:12	1.3	3.5
13/12/2021 15:18	1.3	3.5
13/12/2021 15:24	1.3	3.5

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 New York, NY 10031



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	%	%
13/12/2021 15:30	1.3	3.4
13/12/2021 15:36	1.3	3.4
13/12/2021 15:42	1.3	3.4
13/12/2021 15:48	1.3	3.4
13/12/2021 15:54	1.3	3.4
13/12/2021 16:00	1.3	3.4
13/12/2021 16:06	1.3	3.5
13/12/2021 16:12	1.3	3.5
13/12/2021 16:18	1.3	3.5
13/12/2021 16:24	1.3	3.5
13/12/2021 16:30	1.3	3.5
13/12/2021 16:36	1.3	3.5
13/12/2021 16:42	1.3	3.5
13/12/2021 16:48	1.3	3.5
13/12/2021 16:54	1.3	3.6
13/12/2021 17:00	1.4	3.6
13/12/2021 17:06	1.4	3.6
13/12/2021 17:12	1.4	3.6
13/12/2021 17:18	1.3	3.6
13/12/2021 17:24	1.3	3.6
13/12/2021 17:30	1.3	3.5
13/12/2021 17:36	1.2	3.6
13/12/2021 17:42	1.2	3.6
13/12/2021 17:48	1.2	3.6
13/12/2021 17:54	1.3	3.6
13/12/2021 18:00	1.2	3.6
13/12/2021 18:06	1.2	3.6
13/12/2021 18:12	1.2	3.6
13/12/2021 18:18	1.2	3.6
13/12/2021 18:24	1.2	3.6
13/12/2021 18:30	1.2	3.6
13/12/2021 18:36	1.3	3.6
13/12/2021 18:42	1.2	3.6
13/12/2021 18:48	1.2	3.6
13/12/2021 18:54	1.2	3.6
13/12/2021 19:00	1.2	3.6
13/12/2021 19:06	1.2	3.6
13/12/2021 19:12	1.2	3.6
13/12/2021 19:18	1.2	3.6
13/12/2021 19:24	1.2	3.6

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
13/12/2021 19:30	1.2	3.6
13/12/2021 19:36	1.2	3.6
13/12/2021 19:42	1.2	3.6
13/12/2021 19:48	1.2	3.6
13/12/2021 19:54	1.2	3.6
13/12/2021 20:00	1.2	3.6
13/12/2021 20:06	1.2	3.6
13/12/2021 20:12	1.2	3.6
13/12/2021 20:18	1.1	3.6
13/12/2021 20:24	1.2	3.6
13/12/2021 20:30	1.2	3.6
13/12/2021 20:36	1.2	3.6
13/12/2021 20:42	1.2	3.6
13/12/2021 20:48	1.2	3.6
13/12/2021 20:54	1.2	3.6
13/12/2021 21:00	1.1	3.6
13/12/2021 21:06	1.1	3.6
13/12/2021 21:12	1.1	3.6
13/12/2021 21:18	1.1	3.6
13/12/2021 21:24	1.1	3.6
13/12/2021 21:30	1.1	3.6
13/12/2021 21:36	1.1	3.6
13/12/2021 21:42	1.1	3.6
13/12/2021 21:48	1.1	3.6
13/12/2021 21:54	1.1	3.7
13/12/2021 22:00	1.1	3.6
13/12/2021 22:06	1.1	3.6
13/12/2021 22:12	1.1	3.6
13/12/2021 22:18	1.1	3.6
13/12/2021 22:24	1.1	3.6
13/12/2021 22:30	1.1	3.6
13/12/2021 22:36	1.1	3.6
13/12/2021 22:42	1.1	3.6
13/12/2021 22:48	1.1	3.6
13/12/2021 22:54	1.1	3.7
13/12/2021 23:00	1.1	3.7
13/12/2021 23:06	1.1	3.6
13/12/2021 23:12	1.1	3.6
13/12/2021 23:18	1.1	3.6
13/12/2021 23:24	1.1	3.7

## Opacity Data Summary Report

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All Opacity Data

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	%	%
13/12/2021 23:30	1.1	3.6
13/12/2021 23:36	1.1	3.6
13/12/2021 23:42	1.1	3.6
13/12/2021 23:48	1.1	3.6
13/12/2021 23:54	1.1	3.6
14/12/2021 00:00	1.2	3.6
14/12/2021 00:06	1.2	3.6
14/12/2021 00:12	1.1	3.7
14/12/2021 00:18	1.1	3.7
14/12/2021 00:24	1.2	3.6
14/12/2021 00:30	1.2	3.6
14/12/2021 00:36	1.2	3.6
14/12/2021 00:42	1.2	3.7
14/12/2021 00:48	1.1	3.7
14/12/2021 00:54	1.1	3.7
14/12/2021 01:00	1.2	3.7
14/12/2021 01:06	1.2	3.7
14/12/2021 01:12	1.2	3.7
14/12/2021 01:18	1.2	3.7
14/12/2021 01:24	1.1	3.7
14/12/2021 01:30	1.1	3.7
14/12/2021 01:36	0.8	2.9
14/12/2021 01:42	0.4	2.1
14/12/2021 01:48	0.3	2.1
14/12/2021 01:54	0.3	2.1
14/12/2021 02:00	0.3	2.1
14/12/2021 02:06	0.3	2.1
14/12/2021 02:12	0.3	2.1
14/12/2021 02:18	0.3	2.1
14/12/2021 02:24	0.3	2.1
14/12/2021 02:30	0.3	2.1
14/12/2021 02:36	0.3	2.1
14/12/2021 02:42	0.3	2.1
14/12/2021 02:48	0.3	2.1
14/12/2021 02:54	0.3	2.1
14/12/2021 03:00	0.3	2.1
14/12/2021 03:06	0.3	2.1
14/12/2021 03:12	0.3	2.1
14/12/2021 03:18	0.3	2.1
14/12/2021 03:24	0.3	2.1

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Date & Time	PE 1	PE 4
	%	%
14/12/2021 03:30	0.3	2.1
14/12/2021 03:36	0.3	2.1
14/12/2021 03:42	0.3	2.1
14/12/2021 03:48	0.3	2.1
14/12/2021 03:54	0.3	2.1
14/12/2021 04:00	0.3	2.1
14/12/2021 04:06	0.3	2.1
14/12/2021 04:12	0.4	2.1
14/12/2021 04:18	0.3	2.1
14/12/2021 04:24	0.3	2.1
14/12/2021 04:30	0.3	2.1
14/12/2021 04:36	0.3	2.1
14/12/2021 04:42	0.3	2.1
14/12/2021 04:48	0.3	2.1
14/12/2021 04:54	0.3	2.1
14/12/2021 05:00	0.3	2.1
14/12/2021 05:06	0.3	2.1
14/12/2021 05:12	0.3	2.1
14/12/2021 05:18	0.3	2.1
14/12/2021 05:24	0.3	2.1
14/12/2021 05:30	0.3	2.1
14/12/2021 05:36	0.4	2.1
14/12/2021 05:42	0.3	2.1
14/12/2021 05:48	0.4	2.1
14/12/2021 05:54	0.4	2.1
14/12/2021 06:00	0.4	2.1
14/12/2021 06:06	0.4	2.1
14/12/2021 06:12	0.4	2.1
14/12/2021 06:18	0.4	2.1
14/12/2021 06:24	0.4	2.1
14/12/2021 06:30	0.4	2.1
14/12/2021 06:36	0.4	2.1
14/12/2021 06:42	0.4	2.1
14/12/2021 06:48	0.4	2.1
14/12/2021 06:54	0.4	2.1
14/12/2021 07:00	0.4	2.1
14/12/2021 07:06	0.4	2.1
14/12/2021 07:12	0.4	2.1
14/12/2021 07:18	0.4	2.1
14/12/2021 07:24	0.4	2.1

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Date & Time	PE 1	PE 4
	%	%
14/12/2021 07:30	0.4	2.1
14/12/2021 07:36	0.4	2.1
14/12/2021 07:42	0.4	2.1
14/12/2021 07:48	0.5	2.1
14/12/2021 07:54	0.5	2.1
14/12/2021 08:00	0.5	2.1
14/12/2021 08:06	0.5	2.1
14/12/2021 08:12	0.5	2.1
14/12/2021 08:18	0.5	2.1
14/12/2021 08:24	0.5	2.1
14/12/2021 08:30	0.5	2.1
14/12/2021 08:36	0.6	2.2
14/12/2021 08:42	0.5	2.2
14/12/2021 08:48	0.5	2.3
14/12/2021 08:54	0.5	2.3
14/12/2021 09:00	0.5	2.2
14/12/2021 09:06	0.5	2.1
14/12/2021 09:12	0.5	2.2
14/12/2021 09:18	0.5	2.1
14/12/2021 09:24	0.5	2.1
14/12/2021 09:30	0.5	2.1
14/12/2021 09:36	0.5	2.1
14/12/2021 09:42	0.6	2.1
14/12/2021 09:48	0.5	2.1
14/12/2021 09:54	0.5	2.1
14/12/2021 10:00	0.5	2.1
14/12/2021 10:06	0.5	2.1
14/12/2021 10:12	0.5	2.1
14/12/2021 10:18	0.6	2.1
14/12/2021 10:24	0.6	2.1
14/12/2021 10:30	0.6	2.1
14/12/2021 10:36	0.6	2.1
14/12/2021 10:42	0.6	2.1
14/12/2021 10:48	0.6	2.1
14/12/2021 10:54	0.6	2.1
14/12/2021 11:00	0.6	2.1
14/12/2021 11:06	0.6	2.1
14/12/2021 11:12	0.6	2.1
14/12/2021 11:18	0.7	2.1
14/12/2021 11:24	0.7	2.1



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	%	%
14/12/2021 11:30	0.7	2.1
14/12/2021 11:36	0.7	2.1
14/12/2021 11:42	0.7	2.1
14/12/2021 11:48	0.8	2.1
14/12/2021 11:54	0.8	2.1
14/12/2021 12:00	0.7	2.1
14/12/2021 12:06	0.6	2.1
14/12/2021 12:12	0.6	2.1
14/12/2021 12:18	0.6	2.2
14/12/2021 12:24	0.6	2.2
14/12/2021 12:30	0.6	2.2
14/12/2021 12:36	0.6	2.2
14/12/2021 12:42	0.6	2.2
14/12/2021 12:48	0.6	2.2
14/12/2021 12:54	0.6	2.2
14/12/2021 13:00	0.7	2.2
14/12/2021 13:06	0.6	2.2
14/12/2021 13:12	0.6	2.2
14/12/2021 13:18	0.6	2.2
14/12/2021 13:24	0.6	2.2
14/12/2021 13:30	0.6	2.2
14/12/2021 13:36	0.6	2.2
14/12/2021 13:42	0.6	2.2
14/12/2021 13:48	0.6	2.2
14/12/2021 13:54	0.6	2.2
14/12/2021 14:00	0.6	2.2
14/12/2021 14:06	0.6	2.2
14/12/2021 14:12	0.6	2.2
14/12/2021 14:18	0.6	2.2
14/12/2021 14:24	0.6	2.2
14/12/2021 14:30	0.6	2.2
14/12/2021 14:36	0.5	2.2
14/12/2021 14:42	0.5	2.2
14/12/2021 14:48	0.5	2.2
14/12/2021 14:54	0.5	2.2
14/12/2021 15:00	0.5	2.2
14/12/2021 15:06	0.5	2.2
14/12/2021 15:12	0.5	2.2
14/12/2021 15:18	0.6	2.2
14/12/2021 15:24	0.6	2.3

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	%	%
14/12/2021 15:30	0.6	2.3
14/12/2021 15:36	0.6	2.3
14/12/2021 15:42	0.7	2.3
14/12/2021 15:48	0.7	2.3
14/12/2021 15:54	0.8	2.3
14/12/2021 16:00	1.1	2.3
14/12/2021 16:06	1.1	2.3
14/12/2021 16:12	1.1	2.3
14/12/2021 16:18	1.2	2.3
14/12/2021 16:24	1.2	2.3
14/12/2021 16:30	1.2	2.3
14/12/2021 16:36	1.2	2.3
14/12/2021 16:42	1.2	2.3
14/12/2021 16:48	1.2	2.3
14/12/2021 16:54	1.2	2.3
14/12/2021 17:00	1.2	2.3
14/12/2021 17:06	1.1	2.3
14/12/2021 17:12	1.2	2.3
14/12/2021 17:18	1.2	2.3
14/12/2021 17:24	1.2	2.3
14/12/2021 17:30	1.2	2.3
14/12/2021 17:36	1.2	2.3
14/12/2021 17:42	1.3	2.3
14/12/2021 17:48	1.3	2.4
14/12/2021 17:54	1.2	2.4
14/12/2021 18:00	1.2	2.3
14/12/2021 18:06	1.3	2.4
14/12/2021 18:12	1.2	2.4
14/12/2021 18:18	1.2	2.4
14/12/2021 18:24	1.2	2.4
14/12/2021 18:30	1.2	2.4
14/12/2021 18:36	1.2	2.4
14/12/2021 18:42	1.2	2.4
14/12/2021 18:48	1.1	2.4
14/12/2021 18:54	1.1	2.4
14/12/2021 19:00	1.1	2.4
14/12/2021 19:06	1.1	2.4
14/12/2021 19:12	1.1	2.4
14/12/2021 19:18	1.1	2.4
14/12/2021 19:24	1.1	2.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/12/2021 19:30	1	2.4
14/12/2021 19:36	1	2.4
14/12/2021 19:42	1	2.4
14/12/2021 19:48	1	2.4
14/12/2021 19:54	1	2.4
14/12/2021 20:00	1.1	2.4
14/12/2021 20:06	1	2.4
14/12/2021 20:12	1	2.4
14/12/2021 20:18	0.9	2.4
14/12/2021 20:24	0.6	2.4
14/12/2021 20:30	0.6	2.4
14/12/2021 20:36	0.6	2.4
14/12/2021 20:42	0.6	2.4
14/12/2021 20:48	0.6	2.4
14/12/2021 20:54	0.7	2.4
14/12/2021 21:00	0.6	2.4
14/12/2021 21:06	0.6	2.5
14/12/2021 21:12	0.6	2.5
14/12/2021 21:18	0.6	2.5
14/12/2021 21:24	0.6	2.5
14/12/2021 21:30	0.6	2.5
14/12/2021 21:36	0.5	2.5
14/12/2021 21:42	0.6	2.5
14/12/2021 21:48	0.5	2.5
14/12/2021 21:54	0.5	2.5
14/12/2021 22:00	0.5	2.5
14/12/2021 22:06	0.5	2.5
14/12/2021 22:12	0.6	2.5
14/12/2021 22:18	0.6	2.5
14/12/2021 22:24	0.6	2.5
14/12/2021 22:30	0.6	2.5
14/12/2021 22:36	0.7	2.5
14/12/2021 22:42	0.9	2.5
14/12/2021 22:48	0.9	2.5
14/12/2021 22:54	0.8	2.5
14/12/2021 23:00	0.8	2.5
14/12/2021 23:06	0.8	2.5
14/12/2021 23:12	0.8	2.5
14/12/2021 23:18	0.9	2.5
14/12/2021 23:24	0.9	2.5

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
14/12/2021 23:30	0.9	2.5
14/12/2021 23:36	0.8	2.5
14/12/2021 23:42	0.8	2.5
14/12/2021 23:48	0.8	2.5
14/12/2021 23:54	0.8	2.5
15/12/2021 00:00	0.8	2.5
15/12/2021 00:06	0.8	2.5
15/12/2021 00:12	0.8	2.5
15/12/2021 00:18	0.8	2.5
15/12/2021 00:24	0.7	2.5
15/12/2021 00:30	0.7	2.5
15/12/2021 00:36	0.7	2.5
15/12/2021 00:42	0.8	2.5
15/12/2021 00:48	0.8	2.5
15/12/2021 00:54	0.8	2.5
15/12/2021 01:00	0.8	2.5
15/12/2021 01:06	0.7	2.5
15/12/2021 01:12	0.5	2.5
15/12/2021 01:18	0.2	2.5
15/12/2021 01:24	0.1	2.6
15/12/2021 01:30	0.1	2.6
15/12/2021 01:36	0.1	2.6
15/12/2021 01:42	0.2	2.5
15/12/2021 01:48	0.2	2.5
15/12/2021 01:54	0.2	2.5
15/12/2021 02:00	0.2	2.5
15/12/2021 02:06	0.2	2.6
15/12/2021 02:12	0.2	2.6
15/12/2021 02:18	0.2	2.6
15/12/2021 02:24	0.2	2.5
15/12/2021 02:30	0.2	2.5
15/12/2021 02:36	0.2	2.5
15/12/2021 02:42	0.2	2.5
15/12/2021 02:48	0.2	2.6
15/12/2021 02:54	0.2	2.6
15/12/2021 03:00	0.2	2.6
15/12/2021 03:06	0.2	2.6
15/12/2021 03:12	0.2	2.6
15/12/2021 03:18	0.2	2.6
15/12/2021 03:24	0.2	2.6

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
15/12/2021 03:30	0.2	2.6
15/12/2021 03:36	0.2	2.5
15/12/2021 03:42	0.2	2.5
15/12/2021 03:48	0.2	2.5
15/12/2021 03:54	0.2	2.5
15/12/2021 04:00	0.2	2.5
15/12/2021 04:06	0.2	2.5
15/12/2021 04:12	0.2	2.5
15/12/2021 04:18	0.2	2.5
15/12/2021 04:24	0.2	2.5
15/12/2021 04:30	0.2	2.5
15/12/2021 04:36	0.2	2.5
15/12/2021 04:42	0.2	2.5
15/12/2021 04:48	0.2	2.5
15/12/2021 04:54	0.2	2.5
15/12/2021 05:00	0.2	2.5
15/12/2021 05:06	0.2	2.5
15/12/2021 05:12	0.2	2.5
15/12/2021 05:18	0.2	2.5
15/12/2021 05:24	0.2	2.5
15/12/2021 05:30	0.2	2.6
15/12/2021 05:36	0.2	2.6
15/12/2021 05:42	0.2	2.6
15/12/2021 05:48	0.2	2.6
15/12/2021 05:54	0.2	2.6
15/12/2021 06:00	0.2	2.6
15/12/2021 06:06	0.2	2.6
15/12/2021 06:12	0.2	2.6
15/12/2021 06:18	0.2	2.6
15/12/2021 06:24	0.1	2.6
15/12/2021 06:30	0.2	2.6
15/12/2021 06:36	0.2	2.6
15/12/2021 06:42	0.2	2.6
15/12/2021 06:48	0.2	2.6
15/12/2021 06:54	0.2	2.6
15/12/2021 07:00	0.2	2.6
15/12/2021 07:06	0.2	2.6
15/12/2021 07:12	0.2	2.6
15/12/2021 07:18	0.2	2.6
15/12/2021 07:24	0.2	2.6

## 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 4
	%	%
15/12/2021 07:30	0.2	2.6
15/12/2021 07:36	0.2	2.6
15/12/2021 07:42	0.2	2.6
15/12/2021 07:48	0.2	2.6
15/12/2021 07:54	0.2	2.6
15/12/2021 08:00	0.2	2.6
15/12/2021 08:06	0.2	2.6
15/12/2021 08:12	0.2	2.6
15/12/2021 08:18	0.3	2.6
15/12/2021 08:24	0.3	2.6
15/12/2021 08:30	0.2	2.6
15/12/2021 08:36	0.2	2.5
15/12/2021 08:42	0.2	2.5
15/12/2021 08:48	0.2	2.5
15/12/2021 08:54	0.2	2.5
15/12/2021 09:00	0.2	2.5
15/12/2021 09:06	0.2	2.5
15/12/2021 09:12	0.4	2.5
15/12/2021 09:18	0.5	2.5
15/12/2021 09:24	0.6	2.5
15/12/2021 09:30	0.6	2.5
15/12/2021 09:36	0.7	2.5
15/12/2021 09:42	0.7	2.5
15/12/2021 09:48	0.7	2.5
15/12/2021 09:54	0.7	2.5
15/12/2021 10:00	0.7	2.5
15/12/2021 10:06	0.7	2.5
15/12/2021 10:12	0.6	2.5
15/12/2021 10:18	0.5	2.5
15/12/2021 10:24	0.5	2.5
15/12/2021 10:30	0.6	2.5
15/12/2021 10:36	0.5	2.5
15/12/2021 10:42	0.3	2.5
15/12/2021 10:48	0.2	2.5
15/12/2021 10:54	0.2	2.5
15/12/2021 11:00	0.3	2.5
15/12/2021 11:06	0.3	2.5
15/12/2021 11:12	0.3	2.5
15/12/2021 11:18	0.3	2.5
15/12/2021 11:24	0.3	2.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/12/2021 11:30	0.3	2.5
15/12/2021 11:36	0.3	2.5
15/12/2021 11:42	0.4	2.5
15/12/2021 11:48	0.4	2.5
15/12/2021 11:54	0.4	2.5
15/12/2021 12:00	0.4	2.5
15/12/2021 12:06	0.4	2.5
15/12/2021 12:12	0.4	2.5
15/12/2021 12:18	0.4	2.5
15/12/2021 12:24	0.5	2.5
15/12/2021 12:30	0.5	2.5
15/12/2021 12:36	0.4	2.5
15/12/2021 12:42	0.4	2.5
15/12/2021 12:48	0.4	2.5
15/12/2021 12:54	0.4	2.5
15/12/2021 13:00	0.4	2.5
15/12/2021 13:06	0.4	2.5
15/12/2021 13:12	0.4	2.5
15/12/2021 13:18	0.4	7
15/12/2021 13:24	0.4	7.4
15/12/2021 13:30	0.4	2.9
15/12/2021 13:36	0.4	2.6
15/12/2021 13:42	0.4	2.5
15/12/2021 13:48	0.4	2.5
15/12/2021 13:54	0.4	2.4
15/12/2021 14:00	0.4	2.4
15/12/2021 14:06	0.5	2.4
15/12/2021 14:12	0.8	2.4
15/12/2021 14:18	0.9	2.4
15/12/2021 14:24	0.8	2.4
15/12/2021 14:30	0.8	2.4
15/12/2021 14:36	0.8	2.4
15/12/2021 14:42	0.8	2.4
15/12/2021 14:48	0.8	2.4
15/12/2021 14:54	0.8	2.4
15/12/2021 15:00	0.8	2.4
15/12/2021 15:06	0.8	2.4
15/12/2021 15:12	0.8	2.4
15/12/2021 15:18	0.8	2.4
15/12/2021 15:24	0.8	2.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/12/2021 15:30	0.8	2.4
15/12/2021 15:36	0.8	2.4
15/12/2021 15:42	0.8	2.4
15/12/2021 15:48	0.8	2.4
15/12/2021 15:54	0.8	2.4
15/12/2021 16:00	0.8	2.4
15/12/2021 16:06	0.8	2.4
15/12/2021 16:12	0.8	2.4
15/12/2021 16:18	0.8	2.4
15/12/2021 16:24	0.8	2.4
15/12/2021 16:30	0.8	2.4
15/12/2021 16:36	0.8	2.4
15/12/2021 16:42	1	2.4
15/12/2021 16:48	1.1	2.4
15/12/2021 16:54	1.1	2.4
15/12/2021 17:00	1.1	2.4
15/12/2021 17:06	1.1	2.4
15/12/2021 17:12	1.1	2.4
15/12/2021 17:18	1.1	2.4
15/12/2021 17:24	1.1	2.4
15/12/2021 17:30	1.1	2.5
15/12/2021 17:36	1.2	2.5
15/12/2021 17:42	1.2	2.5
15/12/2021 17:48	1.2	2.5
15/12/2021 17:54	1.2	2.5
15/12/2021 18:00	1.2	2.5
15/12/2021 18:06	1.2	2.5
15/12/2021 18:12	1.1	2.5
15/12/2021 18:18	1.1	2.5
15/12/2021 18:24	1.2	2.5
15/12/2021 18:30	1.2	2.5
15/12/2021 18:36	1.2	2.5
15/12/2021 18:42	1.2	2.5
15/12/2021 18:48	1.2	2.5
15/12/2021 18:54	1.1	2.5
15/12/2021 19:00	1.2	2.5
15/12/2021 19:06	1.2	2.5
15/12/2021 19:12	1.1	2.5
15/12/2021 19:18	1.1	2.5
15/12/2021 19:24	1.1	2.5



## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
15/12/2021 19:30	1.2	2.5
15/12/2021 19:36	1.1	2.5
15/12/2021 19:42	1.1	2.5
15/12/2021 19:48	1.1	2.5
15/12/2021 19:54	1.2	2.5
15/12/2021 20:00	1.2	2.5
15/12/2021 20:06	1.2	2.5
15/12/2021 20:12	1.2	2.5
15/12/2021 20:18	1.2	2.5
15/12/2021 20:24	1.2	2.5
15/12/2021 20:30	1.1	2.5
15/12/2021 20:36	1.1	2.5
15/12/2021 20:42	1.1	2.5
15/12/2021 20:48	1.2	2.5
15/12/2021 20:54	1.2	2.5
15/12/2021 21:00	1.2	2.5
15/12/2021 21:06	1.1	2.5
15/12/2021 21:12	1.1	2.5
15/12/2021 21:18	1.1	2.5
15/12/2021 21:24	1.2	2.5
15/12/2021 21:30	1.2	2.5
15/12/2021 21:36	1.2	2.5
15/12/2021 21:42	1.2	2.5
15/12/2021 21:48	1.2	2.5
15/12/2021 21:54	1.1	2.5
15/12/2021 22:00	1.2	2.5
15/12/2021 22:06	1.1	2.5
15/12/2021 22:12	1.1	2.5
15/12/2021 22:18	1.1	2.5
15/12/2021 22:24	1.1	2.5
15/12/2021 22:30	1.2	2.5
15/12/2021 22:36	1.2	2.5
15/12/2021 22:42	1.2	2.5
15/12/2021 22:48	1.2	2.5
15/12/2021 22:54	1.1	2.6
15/12/2021 23:00	1.2	2.6
15/12/2021 23:06	1.2	2.6
15/12/2021 23:12	1.2	2.6
15/12/2021 23:18	1.1	2.6
15/12/2021 23:24	1.2	2.6

## 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 4
	%	%
15/12/2021 23:30	1.2	2.6
15/12/2021 23:36	1.2	2.6
15/12/2021 23:42	1.2	2.6
15/12/2021 23:48	1.2	2.6
15/12/2021 23:54	1.2	2.6
16/12/2021 00:00	1.2	2.6
16/12/2021 00:06	1.2	2.6
16/12/2021 00:12	1.2	2.6
16/12/2021 00:18	1.2	2.6
16/12/2021 00:24	1.2	2.6
16/12/2021 00:30	1.2	2.6
16/12/2021 00:36	1.2	2.6
16/12/2021 00:42	1.2	2.6
16/12/2021 00:48	1.2	2.6
16/12/2021 00:54	1.2	2.6
16/12/2021 01:00	1.2	2.6
16/12/2021 01:06	1.2	2.6
16/12/2021 01:12	1.1	7.1
16/12/2021 01:18	0.8	11.6
16/12/2021 01:24	0.3	8.3
16/12/2021 01:30	-0.1	5.8
16/12/2021 01:36	-0.3	3.9
16/12/2021 01:42	-0.3	4
16/12/2021 01:48	-0.3	5.1
16/12/2021 01:54	-0.3	7.1
16/12/2021 02:00	-0.3	9
16/12/2021 02:06	-0.3	5.5
16/12/2021 02:12	-0.3	5
16/12/2021 02:18	-0.3	4.9
16/12/2021 02:24	-0.3	4.9
16/12/2021 02:30	-0.3	4.9
16/12/2021 02:36	-0.3	4.9
16/12/2021 02:42	-0.3	4.9
16/12/2021 02:48	-0.3	5
16/12/2021 02:54	-0.3	5
16/12/2021 03:00	-0.3	4.9
16/12/2021 03:06	-0.3	4.9
16/12/2021 03:12	-0.3	4.9
16/12/2021 03:18	-0.3	4.9
16/12/2021 03:24	-0.3	4.9

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
16/12/2021 03:30	-0.2	5
16/12/2021 03:36	-0.2	5
16/12/2021 03:42	-0.2	5.1
16/12/2021 03:48	-0.2	5.2
16/12/2021 03:54	-0.2	5.1
16/12/2021 04:00	-0.3	5.1
16/12/2021 04:06	-0.2	5.1
16/12/2021 04:12	-0.2	5.1
16/12/2021 04:18	-0.2	5.1
16/12/2021 04:24	-0.2	5.1
16/12/2021 04:30	-0.2	5.2
16/12/2021 04:36	-0.2	5.1
16/12/2021 04:42	-0.2	5.1
16/12/2021 04:48	-0.2	5.1
16/12/2021 04:54	-0.2	5.1
16/12/2021 05:00	-0.2	5.1
16/12/2021 05:06	-0.2	5.1
16/12/2021 05:12	-0.2	5.2
16/12/2021 05:18	-0.2	5.1
16/12/2021 05:24	-0.2	5.1
16/12/2021 05:30	-0.2	5.1
16/12/2021 05:36	-0.1	5.1
16/12/2021 05:42	-0.1	5.1
16/12/2021 05:48	-0.1	5.1
16/12/2021 05:54	-0.1	5.1
16/12/2021 06:00	-0.2	5.1
16/12/2021 06:06	-0.2	5.1
16/12/2021 06:12	-0.1	5.1
16/12/2021 06:18	-0.1	5.1
16/12/2021 06:24	-0.1	5.1
16/12/2021 06:30	-0.1	5.1
16/12/2021 06:36	-0.2	5.1
16/12/2021 06:42	-0.1	5.1
16/12/2021 06:48	-0.2	5.1
16/12/2021 06:54	-0.2	5.1
16/12/2021 07:00	-0.1	5.1
16/12/2021 07:06	-0.1	5.1
16/12/2021 07:12	-0.1	5.1
16/12/2021 07:18	-0.2	5.1
16/12/2021 07:24	-0.2	5.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/12/2021 07:30	-0.1	5.1
16/12/2021 07:36	-0.2	5.1
16/12/2021 07:42	-0.2	5.1
16/12/2021 07:48	-0.2	5.1
16/12/2021 07:54	-0.2	5.1
16/12/2021 08:00	-0.2	5.1
16/12/2021 08:06	-0.2	5.2
16/12/2021 08:12	-0.2	5.2
16/12/2021 08:18	-0.2	5.1
16/12/2021 08:24	-0.2	5.1
16/12/2021 08:30	-0.2	5.1
16/12/2021 08:36	-0.2	5.1
16/12/2021 08:42	-0.2	5.1
16/12/2021 08:48	-0.2	5.2
16/12/2021 08:54	-0.2	5.2
16/12/2021 09:00	-0.2	5.2
16/12/2021 09:06	-0.2	5.2
16/12/2021 09:12	-0.3	5.1
16/12/2021 09:18	-0.3	5.2
16/12/2021 09:24	-0.2	5.1
16/12/2021 09:30	-0.2	5.1
16/12/2021 09:36	-0.2	5.1
16/12/2021 09:42	-0.2	5.1
16/12/2021 09:48	-0.2	5
16/12/2021 09:54	-0.3	5
16/12/2021 10:00	-0.2	5
16/12/2021 10:06	-0.2	5
16/12/2021 10:12	-0.2	5
16/12/2021 10:18	-0.2	5.1
16/12/2021 10:24	-0.2	5.1
16/12/2021 10:30	-0.1	5.1
16/12/2021 10:36	-0.1	5.1
16/12/2021 10:42	-0.1	5
16/12/2021 10:48	-0.2	4.8
16/12/2021 10:54	-0.2	4.8
16/12/2021 11:00	-0.1	4.8
16/12/2021 11:06	-0.2	4.8
16/12/2021 11:12	-0.1	4.9
16/12/2021 11:18	-0.1	4.9
16/12/2021 11:24	-0.1	4.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/12/2021 11:30	-0.1	4.8
16/12/2021 11:36	-0.1	4.7
16/12/2021 11:42	-0.1	4.7
16/12/2021 11:48	-0.2	4.7
16/12/2021 11:54	-0.2	4.5
16/12/2021 12:00	-0.4	4.2
16/12/2021 12:06	-1	4.1
16/12/2021 12:12	-1	4.2
16/12/2021 12:18	-1	4.1
16/12/2021 12:24	-1	4.2
16/12/2021 12:30	-1	4.2
16/12/2021 12:36	-1	4.2
16/12/2021 12:42	-1	4.2
16/12/2021 12:48	-1	4.1
16/12/2021 12:54	-1	3
16/12/2021 13:00	-1	1.8
16/12/2021 13:06	-1	1.8
16/12/2021 13:12	-0.9	1.8
16/12/2021 13:18	-1	1.8
16/12/2021 13:24	-1	1.8
16/12/2021 13:30	-1	1.8
16/12/2021 13:36	-1	1.8
16/12/2021 13:42	-1	1.8
16/12/2021 13:48	-1	1.8
16/12/2021 13:54	-1	1.8
16/12/2021 14:00	-1	1.8
16/12/2021 14:06	-1	1.8
16/12/2021 14:12	-1	1.8
16/12/2021 14:18	-1	1.8
16/12/2021 14:24	-1	1.8
16/12/2021 14:30	-1	1.8
16/12/2021 14:36	-1	1.8
16/12/2021 14:42	-1	1.8
16/12/2021 14:48	-0.9	1.8
16/12/2021 14:54	-1	3.1
16/12/2021 15:00	-1	4.4
16/12/2021 15:06	-1	3.7
16/12/2021 15:12	-1	3.4
16/12/2021 15:18	-1	3.4
16/12/2021 15:24	-1	3.4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
16/12/2021 15:30	-1	3.4
16/12/2021 15:36	-1	3.4
16/12/2021 15:42	-1	3.4
16/12/2021 15:48	-1	3.4
16/12/2021 15:54	-1	3.4
16/12/2021 16:00	-1	3.4
16/12/2021 16:06	-1	3.4
16/12/2021 16:12	-1	3.5
16/12/2021 16:18	-1	3.5
16/12/2021 16:24	-1	3.5
16/12/2021 16:30	-1	3.5
16/12/2021 16:36	-1	3.6
16/12/2021 16:42	-1	3.6
16/12/2021 16:48	-1	3.6
16/12/2021 16:54	-1	3.6
16/12/2021 17:00	-1	3.6
16/12/2021 17:06	-1	3.6
16/12/2021 17:12	-1	3.6
16/12/2021 17:18	-1	3.6
16/12/2021 17:24	-1	3.6
16/12/2021 17:30	-1	3.6
16/12/2021 17:36	-1	3.6
16/12/2021 17:42	-1	3.6
16/12/2021 17:48	-1	3.6
16/12/2021 17:54	-1	3.6
16/12/2021 18:00	-1	3.6
16/12/2021 18:06	-1	3.6
16/12/2021 18:12	-1	3.6
16/12/2021 18:18	-1	3.7
16/12/2021 18:24	-1	3.7
16/12/2021 18:30	-1	3.8
16/12/2021 18:36	-1	3.8
16/12/2021 18:42	-1	3.9
16/12/2021 18:48	-1	3.9
16/12/2021 18:54	-1	3.9
16/12/2021 19:00	-1	3.9
16/12/2021 19:06	-1	3.9
16/12/2021 19:12	-1	3.8
16/12/2021 19:18	-1	3.8
16/12/2021 19:24	-1	3.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/12/2021 19:30	-1	3.9
16/12/2021 19:36	-1	3.9
16/12/2021 19:42	-1	3.9
16/12/2021 19:48	-1	3.9
16/12/2021 19:54	-1	3.9
16/12/2021 20:00	-1	3.9
16/12/2021 20:06	-1	3.9
16/12/2021 20:12	-1	3.9
16/12/2021 20:18	-1	3.9
16/12/2021 20:24	-1	3.9
16/12/2021 20:30	-1	3.9
16/12/2021 20:36	-1	3.9
16/12/2021 20:42	-1	3.8
16/12/2021 20:48	-1	3.9
16/12/2021 20:54	-1.1	3.9
16/12/2021 21:00	-1	3.8
16/12/2021 21:06	-1	3.8
16/12/2021 21:12	-1	3.8
16/12/2021 21:18	-1	3.8
16/12/2021 21:24	-1	3.8
16/12/2021 21:30	-1	3.8
16/12/2021 21:36	-1	3.7
16/12/2021 21:42	-1	3.7
16/12/2021 21:48	-1	3.7
16/12/2021 21:54	-1	3.7
16/12/2021 22:00	-1	3.7
16/12/2021 22:06	-1	3.7
16/12/2021 22:12	-1	3.6
16/12/2021 22:18	-1	3.7
16/12/2021 22:24	-1	3.7
16/12/2021 22:30	-1	3.7
16/12/2021 22:36	-1	3.7
16/12/2021 22:42	-1	3.7
16/12/2021 22:48	-1	3.7
16/12/2021 22:54	-1	3.7
16/12/2021 23:00	-1	3.7
16/12/2021 23:06	-1	3.6
16/12/2021 23:12	-1	3.7
16/12/2021 23:18	-1	3.6
16/12/2021 23:24	-1	3.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
16/12/2021 23:30	-1	3.5
16/12/2021 23:36	-1	3.5
16/12/2021 23:42	-1	3.5
16/12/2021 23:48	-1	3.5
16/12/2021 23:54	-1	3.5
17/12/2021 00:00	-1	3.5
17/12/2021 00:06	-1	3.5
17/12/2021 00:12	-1	3.5
17/12/2021 00:18	-1	3.4
17/12/2021 00:24	-1	3.4
17/12/2021 00:30	-1	3.4
17/12/2021 00:36	-1	3.4
17/12/2021 00:42	-1	3.4
17/12/2021 00:48	-1	2.6
17/12/2021 00:54	-1	1.9
17/12/2021 01:00	-1	1.9
17/12/2021 01:06	-1	1.9
17/12/2021 01:12	-1	1.9
17/12/2021 01:18	-1	1.9
17/12/2021 01:24	-1	1.9
17/12/2021 01:30	-1	1.9
17/12/2021 01:36	-1	1.9
17/12/2021 01:42	-1	1.9
17/12/2021 01:48	-1	1.9
17/12/2021 01:54	-1	1.9
17/12/2021 02:00	-1	1.9
17/12/2021 02:06	-1	1.9
17/12/2021 02:12	-1	1.9
17/12/2021 02:18	-1	1.9
17/12/2021 02:24	-1	1.9
17/12/2021 02:30	-1	1.9
17/12/2021 02:36	-1	1.9
17/12/2021 02:42	-1	3
17/12/2021 02:48	-1	5.3
17/12/2021 02:54	-1	5
17/12/2021 03:00	-1	4
17/12/2021 03:06	-1	3.8
17/12/2021 03:12	-1	3.9
17/12/2021 03:18	-1.1	4.2
17/12/2021 03:24	-1	4.1



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/12/2021 03:30	-1	4
17/12/2021 03:36	-1	4.1
17/12/2021 03:42	-1	4.1
17/12/2021 03:48	-1.1	4.1
17/12/2021 03:54	-1.1	4
17/12/2021 04:00	-1.1	4
17/12/2021 04:06	-1.1	4
17/12/2021 04:12	-1.1	4.1
17/12/2021 04:18	-1	4.1
17/12/2021 04:24	-1.1	4.1
17/12/2021 04:30	-1.1	4.1
17/12/2021 04:36	-1	4.1
17/12/2021 04:42	-1	4.1
17/12/2021 04:48	-1	4
17/12/2021 04:54	-1.1	4
17/12/2021 05:00	-1.1	4.1
17/12/2021 05:06	-1.1	4.1
17/12/2021 05:12	-1	4.1
17/12/2021 05:18	-1	3.8
17/12/2021 05:24	-1	3.6
17/12/2021 05:30	-1	3.6
17/12/2021 05:36	-1	3.6
17/12/2021 05:42	-1	3.6
17/12/2021 05:48	-1	3.6
17/12/2021 05:54	-1	3.6
17/12/2021 06:00	-1	3.6
17/12/2021 06:06	-1	3.6
17/12/2021 06:12	-1	3.6
17/12/2021 06:18	-1	3.6
17/12/2021 06:24	-1	3.6
17/12/2021 06:30	-1	3.6
17/12/2021 06:36	-1	3.6
17/12/2021 06:42	-1	3.6
17/12/2021 06:48	-1	3.6
17/12/2021 06:54	-1	3.6
17/12/2021 07:00	-1	3.6
17/12/2021 07:06	-1	3.6
17/12/2021 07:12	3.1	3.6
17/12/2021 07:18	8.1	3.6
17/12/2021 07:24	5.6	3.6

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/12/2021 07:30	1.9	3.6
17/12/2021 07:36	1.1	3.6
17/12/2021 07:42	0.8	3.7
17/12/2021 07:48	0.2	3.6
17/12/2021 07:54	-0.4	3.4
17/12/2021 08:00	-0.7	3.4
17/12/2021 08:06	-0.8	3.5
17/12/2021 08:12	-0.9	3.5
17/12/2021 08:18	-1	3.4
17/12/2021 08:24	-1	3.4
17/12/2021 08:30	-1	3.5
17/12/2021 08:36	-1	3.5
17/12/2021 08:42	-1	3.5
17/12/2021 08:48	-1	3.5
17/12/2021 08:54	-1	3.5
17/12/2021 09:00	-1	3.5
17/12/2021 09:06	-1	3.4
17/12/2021 09:12	-1	3.5
17/12/2021 09:18	-1	3.5
17/12/2021 09:24	-1	3.4
17/12/2021 09:30	-1	3.4
17/12/2021 09:36	-1	3.4
17/12/2021 09:42	-1	3.4
17/12/2021 09:48	-1	3.5
17/12/2021 09:54	-1	3.5
17/12/2021 10:00	-1	3.5
17/12/2021 10:06	-1	3.5
17/12/2021 10:12	-1	3.2
17/12/2021 10:18	-1	2.1
17/12/2021 10:24	-1	1.8
17/12/2021 10:30	-1	1.8
17/12/2021 10:36	-1	1.8
17/12/2021 10:42	-1	1.8
17/12/2021 10:48	-1	1.8
17/12/2021 10:54	-1	1.8
17/12/2021 11:00	-1	1.8
17/12/2021 11:06	-0.9	1.8
17/12/2021 11:12	-0.9	1.8
17/12/2021 11:18	-0.9	1.8
17/12/2021 11:24	-0.9	1.8

## 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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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/12/2021 11:30	-0.9	1.8
17/12/2021 11:36	-0.9	1.8
17/12/2021 11:42	-0.9	1.8
17/12/2021 11:48	-0.9	1.8
17/12/2021 11:54	-0.9	1.8
17/12/2021 12:00	-0.9	1.8
17/12/2021 12:06	-0.9	1.9
17/12/2021 12:12	-0.9	1.9
17/12/2021 12:18	-0.9	1.9
17/12/2021 12:24	-0.9	1.9
17/12/2021 12:30	-0.9	1.9
17/12/2021 12:36	-1	1.9
17/12/2021 12:42	-1	3.7
17/12/2021 12:48	-1	4.8
17/12/2021 12:54	-0.9	3.7
17/12/2021 13:00	-1	3.5
17/12/2021 13:06	-1	3.5
17/12/2021 13:12	-1	3.4
17/12/2021 13:18	-1	3.4
17/12/2021 13:24	-1	3.4
17/12/2021 13:30	-1	3.4
17/12/2021 13:36	-1	3.4
17/12/2021 13:42	-1	3.4
17/12/2021 13:48	-1	3.4
17/12/2021 13:54	-1	3.4
17/12/2021 14:00	-1	3.4
17/12/2021 14:06	-1	3.4
17/12/2021 14:12	-1	3.4
17/12/2021 14:18	-1	3.4
17/12/2021 14:24	-1	3.4
17/12/2021 14:30	-1	3.4
17/12/2021 14:36	-1	3.4
17/12/2021 14:42	-1	3.4
17/12/2021 14:48	-1	3.4
17/12/2021 14:54	-1	3.4
17/12/2021 15:00	-1	3.4
17/12/2021 15:06	-1	3.4
17/12/2021 15:12	-1	3.4
17/12/2021 15:18	-1	3.4
17/12/2021 15:24	-1	3.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/12/2021 15:30	-1	3.5
17/12/2021 15:36	-1	3.4
17/12/2021 15:42	-1	3.4
17/12/2021 15:48	-1	3.5
17/12/2021 15:54	-1	3.5
17/12/2021 16:00	-1	3.6
17/12/2021 16:06	-1	3.6
17/12/2021 16:12	-1.1	3.6
17/12/2021 16:18	-1.1	3.6
17/12/2021 16:24	-1.1	3.6
17/12/2021 16:30	-1.1	3.6
17/12/2021 16:36	-1.1	3.6
17/12/2021 16:42	-1.1	3.6
17/12/2021 16:48	-1.1	3.6
17/12/2021 16:54	-1.1	3.6
17/12/2021 17:00	-1.1	3.6
17/12/2021 17:06	-1.1	3.5
17/12/2021 17:12	-1.1	3.6
17/12/2021 17:18	-1.1	3.6
17/12/2021 17:24	-1.1	3.7
17/12/2021 17:30	-1.1	3.7
17/12/2021 17:36	-1.1	3.5
17/12/2021 17:42	-1.1	3.5
17/12/2021 17:48	-1.1	3.6
17/12/2021 17:54	-1.1	3.6
17/12/2021 18:00	-1.1	3.6
17/12/2021 18:06	-1.1	3.6
17/12/2021 18:12	-1.1	3.6
17/12/2021 18:18	-1.1	3.6
17/12/2021 18:24	-1.1	3.6
17/12/2021 18:30	-1.1	3.6
17/12/2021 18:36	-1.1	3.6
17/12/2021 18:42	-1.1	3.6
17/12/2021 18:48	-1.1	3.7
17/12/2021 18:54	-1.1	3.8
17/12/2021 19:00	-1.1	3.7
17/12/2021 19:06	-1.1	3.7
17/12/2021 19:12	-1.1	3.7
17/12/2021 19:18	-1.1	3.7
17/12/2021 19:24	-1.1	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
17/12/2021 19:30	-1.1	3.7
17/12/2021 19:36	-1.1	3.7
17/12/2021 19:42	-1.1	3.7
17/12/2021 19:48	-1.2	3.7
17/12/2021 19:54	-1.2	3.7
17/12/2021 20:00	-1.2	3.7
17/12/2021 20:06	-1.2	3.7
17/12/2021 20:12	-1.2	3.8
17/12/2021 20:18	-1.2	3.8
17/12/2021 20:24	-1.2	3.8
17/12/2021 20:30	-1.2	3.8
17/12/2021 20:36	-1.2	3.8
17/12/2021 20:42	-1.2	3.8
17/12/2021 20:48	-1.2	3.8
17/12/2021 20:54	-1.2	3.8
17/12/2021 21:00	-1.2	3.8
17/12/2021 21:06	-1.2	3.8
17/12/2021 21:12	-1.3	3.8
17/12/2021 21:18	-1.3	3.8
17/12/2021 21:24	-1.3	3.8
17/12/2021 21:30	-1.3	3.8
17/12/2021 21:36	-1.3	3.8
17/12/2021 21:42	-1.3	3.8
17/12/2021 21:48	-1.3	3.8
17/12/2021 21:54	-1.3	3.8
17/12/2021 22:00	-1.3	3.8
17/12/2021 22:06	-1.3	3.7
17/12/2021 22:12	-1.3	3.8
17/12/2021 22:18	-1.3	3.7
17/12/2021 22:24	-1.3	3.7
17/12/2021 22:30	-1.3	3.7
17/12/2021 22:36	-1.3	3.7
17/12/2021 22:42	-1.3	3.7
17/12/2021 22:48	-1.3	3.7
17/12/2021 22:54	-1.3	3.7
17/12/2021 23:00	-1.3	3.7
17/12/2021 23:06	-1.3	3.7
17/12/2021 23:12	-1.3	3.7
17/12/2021 23:18	-1.3	3.7
17/12/2021 23:24	-1.3	3.7

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
17/12/2021 23:30	-1.3	3.7
17/12/2021 23:36	-1.3	3.7
17/12/2021 23:42	-1.3	3.7
17/12/2021 23:48	-1.3	3.7
17/12/2021 23:54	-1.3	3.8
18/12/2021 00:00	-1.3	3.8
18/12/2021 00:06	-1.3	3.8
18/12/2021 00:12	-1.3	3.9
18/12/2021 00:18	-1.3	3.9
18/12/2021 00:24	-1.3	3.9
18/12/2021 00:30	-1.3	3.8
18/12/2021 00:36	-1.3	3.8
18/12/2021 00:42	-1.3	3.8
18/12/2021 00:48	-1.3	3.8
18/12/2021 00:54	-1.3	3.8
18/12/2021 01:00	-1.3	3.7
18/12/2021 01:06	-1.3	3.7
18/12/2021 01:12	-1.3	3.7
18/12/2021 01:18	-1.3	3.7
18/12/2021 01:24	-1.3	3.7
18/12/2021 01:30	-1.3	3.7
18/12/2021 01:36	-1.3	3.6
18/12/2021 01:42	-1.3	3.6
18/12/2021 01:48	-1.3	3.7
18/12/2021 01:54	-1.3	3.7
18/12/2021 02:00	-1.3	3.8
18/12/2021 02:06	-1.3	3.8
18/12/2021 02:12	-1.3	3.8
18/12/2021 02:18	-1.3	3.8
18/12/2021 02:24	-1.3	3.8
18/12/2021 02:30	-1.3	3.8
18/12/2021 02:36	-1.3	3.9
18/12/2021 02:42	-1.4	3.9
18/12/2021 02:48	-1.4	3.9
18/12/2021 02:54	-1.4	3.9
18/12/2021 03:00	-1.4	3.8
18/12/2021 03:06	-1.4	3.8
18/12/2021 03:12	-1.4	3.8
18/12/2021 03:18	-1.4	3.8
18/12/2021 03:24	-1.4	3.8

## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/12/2021 03:30	-1.4	3.8
18/12/2021 03:36	-1.4	3.8
18/12/2021 03:42	-1.4	3.8
18/12/2021 03:48	-1.4	3.7
18/12/2021 03:54	-1.4	3.7
18/12/2021 04:00	-1.4	3.7
18/12/2021 04:06	-1.4	3.7
18/12/2021 04:12	-1.4	3.7
18/12/2021 04:18	-1.4	3.7
18/12/2021 04:24	-1.4	3.6
18/12/2021 04:30	-1.3	3.7
18/12/2021 04:36	-0.8	3.7
18/12/2021 04:42	-0.7	3.7
18/12/2021 04:48	-1	3.7
18/12/2021 04:54	-1.2	3.8
18/12/2021 05:00	-1.1	3.9
18/12/2021 05:06	-0.9	3.9
18/12/2021 05:12	-1.1	3.9
18/12/2021 05:18	-1.3	3.9
18/12/2021 05:24	3.2	3.9
18/12/2021 05:30	5.2	3.9
18/12/2021 05:36	2.7	3.9
18/12/2021 05:42	1.9	3.9
18/12/2021 05:48	0.6	3.9
18/12/2021 05:54	-0.5	4
18/12/2021 06:00	-1	4
18/12/2021 06:06	-1.3	4
18/12/2021 06:12	-1.4	4
18/12/2021 06:18	-1.4	4
18/12/2021 06:24	-1.4	3.9
18/12/2021 06:30	-1.5	3.9
18/12/2021 06:36	-1.5	3.8
18/12/2021 06:42	-1.5	3.8
18/12/2021 06:48	-1.5	3.9
18/12/2021 06:54	-1.5	3.9
18/12/2021 07:00	-1.5	3.8
18/12/2021 07:06	-1.5	3.9
18/12/2021 07:12	-1.5	4
18/12/2021 07:18	-1.5	4
18/12/2021 07:24	-1.5	4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
18/12/2021 07:30	-1.5	4
18/12/2021 07:36	-1.4	3.9
18/12/2021 07:42	-1.4	3.9
18/12/2021 07:48	-1.4	3.9
18/12/2021 07:54	-1.4	3.9
18/12/2021 08:00	-1.4	3.9
18/12/2021 08:06	-1.5	4
18/12/2021 08:12	-1.4	4
18/12/2021 08:18	-1.4	4
18/12/2021 08:24	-1.4	4
18/12/2021 08:30	-1.4	4.1
18/12/2021 08:36	-1.4	4.1
18/12/2021 08:42	-1.4	4.1
18/12/2021 08:48	-1.4	4.1
18/12/2021 08:54	-1.5	4
18/12/2021 09:00	-1.5	4.1
18/12/2021 09:06	-1.5	4.1
18/12/2021 09:12	-1.5	4.1
18/12/2021 09:18	-1.5	4.1
18/12/2021 09:24	-1.5	4.1
18/12/2021 09:30	-1.5	4.1
18/12/2021 09:36	-1.5	4
18/12/2021 09:42	-1.5	4
18/12/2021 09:48	-1.5	4.1
18/12/2021 09:54	-1.5	4
18/12/2021 10:00	-1.5	4
18/12/2021 10:06	-1.5	4
18/12/2021 10:12	-1.5	4
18/12/2021 10:18	-1.5	3.9
18/12/2021 10:24	-1.5	3.9
18/12/2021 10:30	-1.5	3.9
18/12/2021 10:36	-1.5	3.9
18/12/2021 10:42	-1.5	3.9
18/12/2021 10:48	-1.5	3.9
18/12/2021 10:54	-1.5	3.9
18/12/2021 11:00	-1.5	3.9
18/12/2021 11:06	-1.5	3.8
18/12/2021 11:12	-1.5	3.9
18/12/2021 11:18	-1.5	3.9
18/12/2021 11:24	-1.5	3.9



## Opacity Data Summary Report

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/12/2021 11:30	-1.5	3.9
18/12/2021 11:36	-1.5	3.9
18/12/2021 11:42	-1.5	3.9
18/12/2021 11:48	-1.5	3.9
18/12/2021 11:54	-1.5	3.9
18/12/2021 12:00	<Samp	<Samp
18/12/2021 12:06	-1.2	3.9
18/12/2021 12:12	-1.2	3.8
18/12/2021 12:18	-1.2	3.7
18/12/2021 12:24	-1.2	3.7
18/12/2021 12:30	-1.2	3.7
18/12/2021 12:36	-1.2	3.7
18/12/2021 12:42	-1.2	3.7
18/12/2021 12:48	-1.1	3.7
18/12/2021 12:54	-1.1	3.7
18/12/2021 13:00	-1.1	3.6
18/12/2021 13:06	-1.1	3.7
18/12/2021 13:12	-1.1	3.6
18/12/2021 13:18	-1.1	3.7
18/12/2021 13:24	-1.1	3.7
18/12/2021 13:30	-1.1	3.7
18/12/2021 13:36	-1.1	3.7
18/12/2021 13:42	-1.1	3.7
18/12/2021 13:48	-1.1	3.7
18/12/2021 13:54	-1.1	3.7
18/12/2021 14:00	-1.1	3.7
18/12/2021 14:06	-1.1	3.7
18/12/2021 14:12	-1.1	3.7
18/12/2021 14:18	-1.1	3.8
18/12/2021 14:24	-1.1	3.8
18/12/2021 14:30	-1.1	3.8
18/12/2021 14:36	-1.1	3.8
18/12/2021 14:42	-1.1	3.8
18/12/2021 14:48	-1.1	3.8
18/12/2021 14:54	-1.1	3.8
18/12/2021 15:00	-1.1	3.8
18/12/2021 15:06	-1.1	3.7
18/12/2021 15:12	-1.1	3.7
18/12/2021 15:18	-1.1	3.7
18/12/2021 15:24	-1.1	3.7

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
18/12/2021 15:30	-1.1	3.8
18/12/2021 15:36	-1.1	3.8
18/12/2021 15:42	-1.1	3.8
18/12/2021 15:48	-1.1	3.8
18/12/2021 15:54	-1.1	3.8
18/12/2021 16:00	-1.1	3.8
18/12/2021 16:06	-1.1	3.8
18/12/2021 16:12	-1	3.8
18/12/2021 16:18	-1	3.8
18/12/2021 16:24	-1	3.8
18/12/2021 16:30	-1	3.8
18/12/2021 16:36	-1	3.8
18/12/2021 16:42	-1	3.8
18/12/2021 16:48	-1	3.8
18/12/2021 16:54	-1	3.8
18/12/2021 17:00	-1	3.9
18/12/2021 17:06	-1	3.9
18/12/2021 17:12	-1	3.9
18/12/2021 17:18	-1	3.8
18/12/2021 17:24	-1	3.8
18/12/2021 17:30	-1	3.9
18/12/2021 17:36	-1	3.9
18/12/2021 17:42	-1	3.9
18/12/2021 17:48	-1	3.9
18/12/2021 17:54	-1	4
18/12/2021 18:00	-1	4
18/12/2021 18:06	-1	4
18/12/2021 18:12	-1	4
18/12/2021 18:18	-1	4
18/12/2021 18:24	-1	4
18/12/2021 18:30	-1	4
18/12/2021 18:36	-1	4
18/12/2021 18:42	-1	4
18/12/2021 18:48	-1	4
18/12/2021 18:54	-0.9	4
18/12/2021 19:00	-0.9	4.1
18/12/2021 19:06	-0.9	4.1
18/12/2021 19:12	-0.9	4
18/12/2021 19:18	-1	4
18/12/2021 19:24	-1	4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
18/12/2021 19:30	-0.9	4.1
18/12/2021 19:36	-1	4.1
18/12/2021 19:42	-0.9	4.1
18/12/2021 19:48	-0.9	4.1
18/12/2021 19:54	-0.9	4.1
18/12/2021 20:00	-0.9	4.1
18/12/2021 20:06	-0.9	4.1
18/12/2021 20:12	-0.9	4.1
18/12/2021 20:18	-0.8	4.1
18/12/2021 20:24	-0.8	4.1
18/12/2021 20:30	-0.8	4.2
18/12/2021 20:36	-0.8	4.2
18/12/2021 20:42	-0.8	4.2
18/12/2021 20:48	-0.8	4.2
18/12/2021 20:54	-0.8	4.2
18/12/2021 21:00	-0.8	4.2
18/12/2021 21:06	-0.8	4.2
18/12/2021 21:12	-0.8	4.2
18/12/2021 21:18	-0.8	4.2
18/12/2021 21:24	-0.8	4.2
18/12/2021 21:30	-0.8	4.2
18/12/2021 21:36	-0.8	4.2
18/12/2021 21:42	-0.9	4.2
18/12/2021 21:48	-0.9	4.2
18/12/2021 21:54	-0.9	4.2
18/12/2021 22:00	-0.8	4.2
18/12/2021 22:06	-0.8	4.2
18/12/2021 22:12	-0.8	4.3
18/12/2021 22:18	-0.8	5
18/12/2021 22:24	-0.9	5.5
18/12/2021 22:30	-0.9	5.4
18/12/2021 22:36	-0.9	5.4
18/12/2021 22:42	-0.9	5.4
18/12/2021 22:48	-0.9	5.4
18/12/2021 22:54	-0.9	5.4
18/12/2021 23:00	-0.9	5.4
18/12/2021 23:06	-0.9	5.4
18/12/2021 23:12	-0.9	5.4
18/12/2021 23:18	-0.9	5.4
18/12/2021 23:24	-0.9	5.4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
18/12/2021 23:30	-0.9	5.4
18/12/2021 23:36	-0.9	5.4
18/12/2021 23:42	-0.9	5.4
18/12/2021 23:48	-0.9	5.2
18/12/2021 23:54	-0.9	4.9
19/12/2021 00:00	-0.9	4.9
19/12/2021 00:06	-0.9	5.2
19/12/2021 00:12	-0.9	5.2
19/12/2021 00:18	-0.9	5.3
19/12/2021 00:24	-0.9	5.2
19/12/2021 00:30	-0.9	5.2
19/12/2021 00:36	-0.9	5.2
19/12/2021 00:42	-0.9	5.3
19/12/2021 00:48	-0.9	4.6
19/12/2021 00:54	-0.9	4.1
19/12/2021 01:00	-0.9	4.6
19/12/2021 01:06	-0.9	5.2
19/12/2021 01:12	-0.9	5.2
19/12/2021 01:18	-0.9	5.2
19/12/2021 01:24	-0.9	5.2
19/12/2021 01:30	-0.9	5.2
19/12/2021 01:36	-0.9	5.2
19/12/2021 01:42	-0.9	5.2
19/12/2021 01:48	-0.9	5.2
19/12/2021 01:54	-0.9	5.2
19/12/2021 02:00	-0.9	5.2
19/12/2021 02:06	-0.9	5.2
19/12/2021 02:12	-0.9	5.1
19/12/2021 02:18	-0.9	5
19/12/2021 02:24	-0.9	5.1
19/12/2021 02:30	-0.9	5.1
19/12/2021 02:36	-0.9	5.1
19/12/2021 02:42	-0.9	5.1
19/12/2021 02:48	-0.9	5.1
19/12/2021 02:54	-0.9	5.1
19/12/2021 03:00	-0.9	5.1
19/12/2021 03:06	-0.9	5
19/12/2021 03:12	-0.9	4.9
19/12/2021 03:18	-0.9	4.9
19/12/2021 03:24	-1	4.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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 New York, NY 10031  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/12/2021 03:30	-1	4.9
19/12/2021 03:36	-1	4.9
19/12/2021 03:42	-0.9	4.9
19/12/2021 03:48	-0.9	4.9
19/12/2021 03:54	-0.9	5
19/12/2021 04:00	-0.9	4.9
19/12/2021 04:06	-0.9	4.9
19/12/2021 04:12	-0.9	5
19/12/2021 04:18	-1	5
19/12/2021 04:24	-1	4.9
19/12/2021 04:30	-1	4.9
19/12/2021 04:36	-1	5
19/12/2021 04:42	-1	5
19/12/2021 04:48	-1	5
19/12/2021 04:54	-1	5
19/12/2021 05:00	-1	4.9
19/12/2021 05:06	-1	4.9
19/12/2021 05:12	-1	4.9
19/12/2021 05:18	-1	5
19/12/2021 05:24	-1	5.2
19/12/2021 05:30	-1	5.2
19/12/2021 05:36	-1.1	5.2
19/12/2021 05:42	-1.1	5.2
19/12/2021 05:48	-1.1	5.2
19/12/2021 05:54	-1.1	5.2
19/12/2021 06:00	-1.1	5.2
19/12/2021 06:06	-1.1	5.2
19/12/2021 06:12	-1.1	5.2
19/12/2021 06:18	-1.1	5.2
19/12/2021 06:24	-1.1	5.1
19/12/2021 06:30	-1.1	5.2
19/12/2021 06:36	-1.1	5.2
19/12/2021 06:42	-1.1	5.3
19/12/2021 06:48	-1.1	5.2
19/12/2021 06:54	-1.1	5.2
19/12/2021 07:00	-1.1	5.2
19/12/2021 07:06	-1.1	5.2
19/12/2021 07:12	-1.1	5.2
19/12/2021 07:18	-1.1	5.2
19/12/2021 07:24	-1.1	5.1

## 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 4
	%	%
19/12/2021 07:30	-1.1	5.1
19/12/2021 07:36	-1.1	5.1
19/12/2021 07:42	-1.2	5.1
19/12/2021 07:48	-1.2	5.1
19/12/2021 07:54	-1.2	5.1
19/12/2021 08:00	-1.2	5.1
19/12/2021 08:06	-1.2	5.1
19/12/2021 08:12	-1.2	5.1
19/12/2021 08:18	-1.2	5.1
19/12/2021 08:24	-1.2	5.1
19/12/2021 08:30	-1.2	5.1
19/12/2021 08:36	-1.2	5.1
19/12/2021 08:42	-1.2	5.1
19/12/2021 08:48	-1.2	5.1
19/12/2021 08:54	-1.2	5.1
19/12/2021 09:00	-1.2	5.1
19/12/2021 09:06	-1.2	5.1
19/12/2021 09:12	-1.2	5.2
19/12/2021 09:18	-1.2	5
19/12/2021 09:24	-1.2	4.9
19/12/2021 09:30	-1.2	4.9
19/12/2021 09:36	-1.2	4.9
19/12/2021 09:42	-1.2	4.9
19/12/2021 09:48	-1.2	4.9
19/12/2021 09:54	-1.2	4.9
19/12/2021 10:00	-1.2	4.9
19/12/2021 10:06	-1.2	4.9
19/12/2021 10:12	-1.3	4.9
19/12/2021 10:18	-1.3	5
19/12/2021 10:24	-1.3	5.2
19/12/2021 10:30	-1.3	5.1
19/12/2021 10:36	-1.3	5.1
19/12/2021 10:42	-1.3	5.1
19/12/2021 10:48	-1.3	5.1
19/12/2021 10:54	-1.3	5.2
19/12/2021 11:00	-1.3	5.2
19/12/2021 11:06	-1.3	5.2
19/12/2021 11:12	-1.3	5.2
19/12/2021 11:18	-1.2	5.1
19/12/2021 11:24	-1.2	5.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/12/2021 11:30	-1.2	5.1
19/12/2021 11:36	-1.3	5.1
19/12/2021 11:42	-1.3	5.1
19/12/2021 11:48	-1.3	5.1
19/12/2021 11:54	-1.3	5.1
19/12/2021 12:00	-1.2	5.1
19/12/2021 12:06	-1.2	5.1
19/12/2021 12:12	-1.2	5.1
19/12/2021 12:18	-1.2	5.1
19/12/2021 12:24	-1.2	5.1
19/12/2021 12:30	-1.2	5.1
19/12/2021 12:36	-1.2	5.1
19/12/2021 12:42	-1.2	5.2
19/12/2021 12:48	-1.2	5.2
19/12/2021 12:54	-1.2	5.2
19/12/2021 13:00	-1.2	5.2
19/12/2021 13:06	-1.2	5.2
19/12/2021 13:12	-1.2	5.2
19/12/2021 13:18	-1.2	5.2
19/12/2021 13:24	-1.2	5.2
19/12/2021 13:30	-1.2	5.2
19/12/2021 13:36	-1.2	5.2
19/12/2021 13:42	-1.2	5.2
19/12/2021 13:48	-1.2	5.2
19/12/2021 13:54	-1.2	5.2
19/12/2021 14:00	-1.2	5.2
19/12/2021 14:06	-1.2	5.2
19/12/2021 14:12	-1.2	5.2
19/12/2021 14:18	-1.2	5.2
19/12/2021 14:24	-1.2	5.2
19/12/2021 14:30	-1.2	5.2
19/12/2021 14:36	-1.2	5.2
19/12/2021 14:42	-1.2	5.2
19/12/2021 14:48	-1.2	5.2
19/12/2021 14:54	-1.2	5.2
19/12/2021 15:00	-1.2	5.2
19/12/2021 15:06	-1.2	5.2
19/12/2021 15:12	-1.2	5.2
19/12/2021 15:18	-1.2	5.2
19/12/2021 15:24	-1.2	5.2

## 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 4
	%	%
19/12/2021 15:30	-1.2	5.2
19/12/2021 15:36	-1.2	5.2
19/12/2021 15:42	-1.2	5.2
19/12/2021 15:48	-1.2	5.2
19/12/2021 15:54	-1.2	5.2
19/12/2021 16:00	-1.2	5.2
19/12/2021 16:06	-1.2	5.2
19/12/2021 16:12	-1.2	5.2
19/12/2021 16:18	-1.2	5.2
19/12/2021 16:24	-1.2	5.2
19/12/2021 16:30	-1.2	5.3
19/12/2021 16:36	-1.3	5.3
19/12/2021 16:42	-1.3	5.3
19/12/2021 16:48	-1.3	5.3
19/12/2021 16:54	-1.3	5.3
19/12/2021 17:00	-1.3	5.3
19/12/2021 17:06	-1.3	5.3
19/12/2021 17:12	-1.3	5.3
19/12/2021 17:18	-1.3	5.3
19/12/2021 17:24	-1.3	5.2
19/12/2021 17:30	-1.3	5.2
19/12/2021 17:36	-1.3	5.2
19/12/2021 17:42	-1.3	5.2
19/12/2021 17:48	-1.3	5.3
19/12/2021 17:54	-1.3	5.2
19/12/2021 18:00	-1.3	5.2
19/12/2021 18:06	-1.3	5.2
19/12/2021 18:12	-1.3	5.3
19/12/2021 18:18	-1.3	5.2
19/12/2021 18:24	-1.3	5.2
19/12/2021 18:30	-1.3	5.2
19/12/2021 18:36	-1.3	5.2
19/12/2021 18:42	-1.3	5.2
19/12/2021 18:48	-1.3	5.2
19/12/2021 18:54	-1.3	5.2
19/12/2021 19:00	-1.3	5.2
19/12/2021 19:06	-1.3	5.2
19/12/2021 19:12	-1.3	5.2
19/12/2021 19:18	-1.3	5.2
19/12/2021 19:24	-1.4	5.2



## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
19/12/2021 19:30	-1.4	5.2
19/12/2021 19:36	-1.4	5.2
19/12/2021 19:42	-1.4	5.2
19/12/2021 19:48	-1.4	5.2
19/12/2021 19:54	-1.4	5.2
19/12/2021 20:00	-1.3	5.3
19/12/2021 20:06	-1.3	5.3
19/12/2021 20:12	-1.3	5.3
19/12/2021 20:18	-1.4	5.3
19/12/2021 20:24	-1.4	5.3
19/12/2021 20:30	-1.4	5.3
19/12/2021 20:36	-1.4	5.3
19/12/2021 20:42	-1.4	5.3
19/12/2021 20:48	-1.4	5.4
19/12/2021 20:54	-1.4	5.4
19/12/2021 21:00	-1.4	5.4
19/12/2021 21:06	-1.4	5.4
19/12/2021 21:12	-1.4	5.4
19/12/2021 21:18	-1.4	5.4
19/12/2021 21:24	-1.4	5.4
19/12/2021 21:30	-1.4	5.4
19/12/2021 21:36	-1.4	5.4
19/12/2021 21:42	-1.4	5.4
19/12/2021 21:48	-1.4	5.4
19/12/2021 21:54	-1.4	5.4
19/12/2021 22:00	-1.5	5.3
19/12/2021 22:06	-1.5	5.4
19/12/2021 22:12	-1.5	5.4
19/12/2021 22:18	-1.5	5.4
19/12/2021 22:24	-1.5	5.4
19/12/2021 22:30	-1.5	5.4
19/12/2021 22:36	-1.5	5.4
19/12/2021 22:42	-1.5	5.4
19/12/2021 22:48	-1.5	5.4
19/12/2021 22:54	-1.5	5.4
19/12/2021 23:00	-1.5	5.4
19/12/2021 23:06	-1.5	5.4
19/12/2021 23:12	-1.5	5.4
19/12/2021 23:18	-1.5	5.4
19/12/2021 23:24	-1.5	5.4

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
19/12/2021 23:30	-1.5	5.3
19/12/2021 23:36	-1.5	5.3
19/12/2021 23:42	-1.5	5.4
19/12/2021 23:48	-1.5	5.3
19/12/2021 23:54	-1.5	5.3
20/12/2021 00:00	-1.5	5.3
20/12/2021 00:06	-1.5	5.3
20/12/2021 00:12	-1.5	5.3
20/12/2021 00:18	-1.5	5.3
20/12/2021 00:24	-1.5	5.3
20/12/2021 00:30	-1.5	5.3
20/12/2021 00:36	-1.5	5.3
20/12/2021 00:42	-1.5	5.3
20/12/2021 00:48	-1.5	5.3
20/12/2021 00:54	-1.5	5.3
20/12/2021 01:00	-1.5	5.3
20/12/2021 01:06	-1.5	5.3
20/12/2021 01:12	-1.5	5.3
20/12/2021 01:18	-1.5	5.3
20/12/2021 01:24	-1.5	5.3
20/12/2021 01:30	-1.5	5.3
20/12/2021 01:36	-1.5	5.3
20/12/2021 01:42	-1.5	5.3
20/12/2021 01:48	-1.5	5.3
20/12/2021 01:54	-1.5	5.3
20/12/2021 02:00	-1.5	5.2
20/12/2021 02:06	-1.5	5.1
20/12/2021 02:12	-1.5	5.1
20/12/2021 02:18	-1.5	5.1
20/12/2021 02:24	-1.5	5.1
20/12/2021 02:30	-1.5	5.1
20/12/2021 02:36	-1.5	5.1
20/12/2021 02:42	-1.5	5.1
20/12/2021 02:48	-1.5	5.1
20/12/2021 02:54	-1.5	5.1
20/12/2021 03:00	-1.5	5.1
20/12/2021 03:06	-1.5	5.1
20/12/2021 03:12	-1.5	5.1
20/12/2021 03:18	-1.5	5.1
20/12/2021 03:24	-1.5	5.1

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
20/12/2021 03:30	-1.5	5.1
20/12/2021 03:36	-1.5	5.1
20/12/2021 03:42	-1.5	5.1
20/12/2021 03:48	-1.5	5.1
20/12/2021 03:54	-1.5	5.1
20/12/2021 04:00	-1.5	5.1
20/12/2021 04:06	-1.5	5.1
20/12/2021 04:12	-1.5	5.1
20/12/2021 04:18	-1.5	5.1
20/12/2021 04:24	-1.5	5.1
20/12/2021 04:30	-1.5	5.1
20/12/2021 04:36	-1.5	5.1
20/12/2021 04:42	-1.5	5.1
20/12/2021 04:48	-1.5	5.2
20/12/2021 04:54	-1.5	5.4
20/12/2021 05:00	-1.5	5.4
20/12/2021 05:06	-1.5	5.3
20/12/2021 05:12	-1.5	5.4
20/12/2021 05:18	-1.5	5.4
20/12/2021 05:24	-1.5	5.4
20/12/2021 05:30	-1.5	5.4
20/12/2021 05:36	-1.5	5.4
20/12/2021 05:42	-1.5	5.4
20/12/2021 05:48	-1.5	5.4
20/12/2021 05:54	-1.5	5.4
20/12/2021 06:00	-1.5	5.3
20/12/2021 06:06	-1.5	5.3
20/12/2021 06:12	-1.5	5.3
20/12/2021 06:18	-1.5	5.2
20/12/2021 06:24	-1.5	5.2
20/12/2021 06:30	-1.5	5.3
20/12/2021 06:36	-1.5	5.3
20/12/2021 06:42	-1.5	5.2
20/12/2021 06:48	-1.6	5.2
20/12/2021 06:54	-1.5	5.2
20/12/2021 07:00	-1.5	5.2
20/12/2021 07:06	-1.5	5.3
20/12/2021 07:12	-1.5	5.3
20/12/2021 07:18	-1.5	5.3
20/12/2021 07:24	-1.5	5.3

## Opacity Data Summary Report

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



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**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/12/2021 07:30	-1.5	5.3
20/12/2021 07:36	-1.5	5.3
20/12/2021 07:42	-1.5	5.3
20/12/2021 07:48	-1.5	5.2
20/12/2021 07:54	-1.5	5.2
20/12/2021 08:00	-1.5	5.3
20/12/2021 08:06	-1.5	5.3
20/12/2021 08:12	-1.5	5.3
20/12/2021 08:18	-1.5	5.3
20/12/2021 08:24	-1.5	5.3
20/12/2021 08:30	-1.5	5.4
20/12/2021 08:36	-1.5	5.3
20/12/2021 08:42	-1.5	5.4
20/12/2021 08:48	-1.5	5.6
20/12/2021 08:54	-1.5	5.5
20/12/2021 09:00	-1.5	5.5
20/12/2021 09:06	-1.5	5.5
20/12/2021 09:12	-1.2	5.5
20/12/2021 09:18	-0.9	5.5
20/12/2021 09:24	-1.1	5.5
20/12/2021 09:30	-1.1	5.5
20/12/2021 09:36	-1.2	5.5
20/12/2021 09:42	-1.3	5.5
20/12/2021 09:48	-1.3	5.5
20/12/2021 09:54	-1.3	5.5
20/12/2021 10:00	-1.3	5.6
20/12/2021 10:06	-1.3	5.6
20/12/2021 10:12	-1.4	5.5
20/12/2021 10:18	-1.4	5.5
20/12/2021 10:24	-1.4	5.4
20/12/2021 10:30	-1.4	5.3
20/12/2021 10:36	-1.3	5.3
20/12/2021 10:42	-1.3	5.2
20/12/2021 10:48	-1.3	5.1
20/12/2021 10:54	-1.3	5.1
20/12/2021 11:00	-1.3	5.1
20/12/2021 11:06	-1.3	5.1
20/12/2021 11:12	-1.2	5.1
20/12/2021 11:18	-1.2	5.1
20/12/2021 11:24	-1.2	5.1

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

Date & Time	PE 1	PE 4
	%	%
20/12/2021 11:30	-1.2	5.1
20/12/2021 11:36	-1.2	5.1
20/12/2021 11:42	-1.1	5.1
20/12/2021 11:48	-1.1	5.1
20/12/2021 11:54	-1.1	5.1
20/12/2021 12:00	-1.1	5.1
20/12/2021 12:06	-1.2	5.1
20/12/2021 12:12	-1.2	5.1
20/12/2021 12:18	-1.2	5.1
20/12/2021 12:24	-1.2	5.1
20/12/2021 12:30	-1.2	5.1
20/12/2021 12:36	-1.1	5.1
20/12/2021 12:42	-1.1	5.1
20/12/2021 12:48	-1.1	5.1
20/12/2021 12:54	-1.1	5
20/12/2021 13:00	-1.1	4.8
20/12/2021 13:06	-1.1	4.8
20/12/2021 13:12	-1.1	4.8
20/12/2021 13:18	-1.1	4.8
20/12/2021 13:24	-1.1	4.8
20/12/2021 13:30	-1.1	4.8
20/12/2021 13:36	-1.2	4.8
20/12/2021 13:42	-1.2	4.7
20/12/2021 13:48	-1.2	4.7
20/12/2021 13:54	-1.2	4.7
20/12/2021 14:00	-1.2	4.7
20/12/2021 14:06	-1.3	4.7
20/12/2021 14:12	-1.3	4.7
20/12/2021 14:18	-1.3	4.7
20/12/2021 14:24	-1.3	4.8
20/12/2021 14:30	-1.3	5
20/12/2021 14:36	-1.3	5
20/12/2021 14:42	-1.3	5
20/12/2021 14:48	-1.3	5
20/12/2021 14:54	-1.3	5
20/12/2021 15:00	-1.3	5
20/12/2021 15:06	-1.3	5
20/12/2021 15:12	-1.3	5
20/12/2021 15:18	-1.3	5
20/12/2021 15:24	-1.3	5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/12/2021 15:30	-1.3	5
20/12/2021 15:36	-1.3	5.1
20/12/2021 15:42	-1.3	5
20/12/2021 15:48	-1.3	5
20/12/2021 15:54	-1.3	5
20/12/2021 16:00	-1.4	5
20/12/2021 16:06	-1.4	5
20/12/2021 16:12	-1.4	4.9
20/12/2021 16:18	-1.4	4.2
20/12/2021 16:24	-1.4	3.8
20/12/2021 16:30	-1.4	3.8
20/12/2021 16:36	-1.4	3.8
20/12/2021 16:42	-1.4	3.9
20/12/2021 16:48	-1.4	3.9
20/12/2021 16:54	-1.4	3.9
20/12/2021 17:00	-1.4	3.9
20/12/2021 17:06	-1.4	3.9
20/12/2021 17:12	-1.4	3.9
20/12/2021 17:18	-1.4	3.9
20/12/2021 17:24	-1.4	3.9
20/12/2021 17:30	-1.4	3.9
20/12/2021 17:36	-1.4	3.9
20/12/2021 17:42	-1.4	3.8
20/12/2021 17:48	-1.4	3.8
20/12/2021 17:54	-1.4	3.8
20/12/2021 18:00	-1.4	3.8
20/12/2021 18:06	-1.4	3.8
20/12/2021 18:12	-1.4	3.8
20/12/2021 18:18	-1.4	3.8
20/12/2021 18:24	-1.4	3.8
20/12/2021 18:30	-1.4	3.8
20/12/2021 18:36	-1.4	3.8
20/12/2021 18:42	-1.4	3.8
20/12/2021 18:48	-1.4	3.8
20/12/2021 18:54	-1.4	3.8
20/12/2021 19:00	-1.4	3.8
20/12/2021 19:06	-1.4	3.8
20/12/2021 19:12	-1.4	3.8
20/12/2021 19:18	-1.4	3.8
20/12/2021 19:24	-1.4	3.8

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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/12/2021 19:30	-1.4	3.8
20/12/2021 19:36	-1.4	3.8
20/12/2021 19:42	-1.4	3.9
20/12/2021 19:48	-1.4	3.9
20/12/2021 19:54	-1.4	3.9
20/12/2021 20:00	-1.4	3.9
20/12/2021 20:06	-1.4	3.8
20/12/2021 20:12	-1.4	3.8
20/12/2021 20:18	-1.4	3.8
20/12/2021 20:24	-1.4	3.9
20/12/2021 20:30	-1.4	3.8
20/12/2021 20:36	-1.4	3.8
20/12/2021 20:42	-1.4	3.8
20/12/2021 20:48	-1.4	3.8
20/12/2021 20:54	-1.4	3.9
20/12/2021 21:00	-1.4	3.9
20/12/2021 21:06	-1.4	3.8
20/12/2021 21:12	-1.4	3.8
20/12/2021 21:18	-1.4	3.9
20/12/2021 21:24	-1.4	3.9
20/12/2021 21:30	-1.4	3.9
20/12/2021 21:36	-1.4	3.9
20/12/2021 21:42	-1.4	3.9
20/12/2021 21:48	-1.4	3.9
20/12/2021 21:54	-1.4	3.9
20/12/2021 22:00	-1.4	3.9
20/12/2021 22:06	-1.4	3.9
20/12/2021 22:12	-1.4	3.9
20/12/2021 22:18	-1.4	3.9
20/12/2021 22:24	-1.4	3.9
20/12/2021 22:30	-1.4	3.9
20/12/2021 22:36	-1.4	3.9
20/12/2021 22:42	-1.4	3.9
20/12/2021 22:48	-1.4	3.9
20/12/2021 22:54	-1.4	3.9
20/12/2021 23:00	-1.4	3.9
20/12/2021 23:06	-1.5	3.9
20/12/2021 23:12	-1.5	3.9
20/12/2021 23:18	-1.5	3.9
20/12/2021 23:24	-1.5	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
20/12/2021 23:30	-1.5	3.9
20/12/2021 23:36	-1.5	3.9
20/12/2021 23:42	-1.5	3.9
20/12/2021 23:48	-1.5	3.9
20/12/2021 23:54	-1.5	3.9
21/12/2021 00:00	-1.5	3.9
21/12/2021 00:06	-1.5	3.9
21/12/2021 00:12	-1.5	4
21/12/2021 00:18	-1.5	4
21/12/2021 00:24	-1.5	4
21/12/2021 00:30	-1.5	4
21/12/2021 00:36	-1.5	3.9
21/12/2021 00:42	-1.5	3.9
21/12/2021 00:48	-1.5	3.9
21/12/2021 00:54	-1.4	3.9
21/12/2021 01:00	-1.5	3.9
21/12/2021 01:06	-1.4	3.9
21/12/2021 01:12	-1.4	3.9
21/12/2021 01:18	-1.4	4
21/12/2021 01:24	-1.4	4
21/12/2021 01:30	-1.4	3.3
21/12/2021 01:36	-1.4	2.3
21/12/2021 01:42	-1.4	2.2
21/12/2021 01:48	-1.5	2.2
21/12/2021 01:54	-1.5	2.2
21/12/2021 02:00	-1.5	2.2
21/12/2021 02:06	-1.5	2.2
21/12/2021 02:12	-1.5	2.2
21/12/2021 02:18	-1.5	2.2
21/12/2021 02:24	-1.5	2.2
21/12/2021 02:30	-1.5	2.2
21/12/2021 02:36	-1.5	2.2
21/12/2021 02:42	-1.5	2.2
21/12/2021 02:48	-1.5	2.2
21/12/2021 02:54	-1.5	2.2
21/12/2021 03:00	-1.5	2.2
21/12/2021 03:06	-1.5	2.2
21/12/2021 03:12	-1.5	2.2
21/12/2021 03:18	-1.5	2.2
21/12/2021 03:24	-1.5	2.2



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/12/2021 03:30	-1.5	2.2
21/12/2021 03:36	-1.5	2.2
21/12/2021 03:42	-1.5	2.2
21/12/2021 03:48	-1.5	2.2
21/12/2021 03:54	-1.5	2.2
21/12/2021 04:00	-1.5	2.2
21/12/2021 04:06	-1.5	2.2
21/12/2021 04:12	-1.5	2.2
21/12/2021 04:18	-1.5	2.2
21/12/2021 04:24	-1.5	2.2
21/12/2021 04:30	-1.5	2.2
21/12/2021 04:36	-1.5	2.2
21/12/2021 04:42	-1.5	2.2
21/12/2021 04:48	-1.5	2.2
21/12/2021 04:54	-1.5	2.2
21/12/2021 05:00	-1.5	2.2
21/12/2021 05:06	-1.5	2.2
21/12/2021 05:12	-1.5	2.2
21/12/2021 05:18	-1.5	2.2
21/12/2021 05:24	-1.5	2.2
21/12/2021 05:30	-1.5	2.2
21/12/2021 05:36	-1.5	2.2
21/12/2021 05:42	-1.5	2.2
21/12/2021 05:48	-1.5	2.3
21/12/2021 05:54	-1.5	2.2
21/12/2021 06:00	-1.5	2.2
21/12/2021 06:06	-1.5	2.2
21/12/2021 06:12	-1.5	2.2
21/12/2021 06:18	-1.5	2.2
21/12/2021 06:24	-1.5	2.3
21/12/2021 06:30	-1.5	2.2
21/12/2021 06:36	-1.5	2.2
21/12/2021 06:42	-1.5	2.2
21/12/2021 06:48	-1.5	2.2
21/12/2021 06:54	-1.5	2.2
21/12/2021 07:00	-1.5	2.2
21/12/2021 07:06	-1.5	2.2
21/12/2021 07:12	-1.5	2.2
21/12/2021 07:18	-1.5	2.2
21/12/2021 07:24	-1.5	2.2

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
21/12/2021 07:30	-1.5	2.2
21/12/2021 07:36	-1.5	2.2
21/12/2021 07:42	-1.5	2.2
21/12/2021 07:48	-1.5	2.2
21/12/2021 07:54	-1.5	2.2
21/12/2021 08:00	-1.5	2.2
21/12/2021 08:06	-1.5	2.2
21/12/2021 08:12	-1.5	2.2
21/12/2021 08:18	-1.5	2.2
21/12/2021 08:24	-1.5	2.2
21/12/2021 08:30	-1.5	2.7
21/12/2021 08:36	-1.5	2.9
21/12/2021 08:42	-1.5	2.4
21/12/2021 08:48	-1.5	2.3
21/12/2021 08:54	-1.5	2.2
21/12/2021 09:00	-1.5	6.1
21/12/2021 09:06	-1.5	7.5
21/12/2021 09:12	-1.5	4.3
21/12/2021 09:18	-1.5	4
21/12/2021 09:24	-1.4	3.9
21/12/2021 09:30	-1.4	3.8
21/12/2021 09:36	-1.4	3.8
21/12/2021 09:42	-1.4	3.8
21/12/2021 09:48	-1.4	3.8
21/12/2021 09:54	-1.4	3.8
21/12/2021 10:00	-1.4	3.8
21/12/2021 10:06	-1.4	3.9
21/12/2021 10:12	-1.4	3.9
21/12/2021 10:18	-1.4	4
21/12/2021 10:24	-1.4	4.1
21/12/2021 10:30	-1.4	4.1
21/12/2021 10:36	-1.4	4.1
21/12/2021 10:42	-1.4	4.1
21/12/2021 10:48	-1.4	4
21/12/2021 10:54	-1.4	4
21/12/2021 11:00	-1.3	4
21/12/2021 11:06	-1.3	4
21/12/2021 11:12	-1.3	3.9
21/12/2021 11:18	-1.3	3.9
21/12/2021 11:24	-1.3	4

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/12/2021 11:30	-1.3	3.9
21/12/2021 11:36	-1.2	4
21/12/2021 11:42	-1.2	4
21/12/2021 11:48	-1.2	3.9
21/12/2021 11:54	-1.2	3.9
21/12/2021 12:00	-1.2	3.9
21/12/2021 12:06	-1.2	3.9
21/12/2021 12:12	-1.2	4
21/12/2021 12:18	-1.2	4
21/12/2021 12:24	-1.2	3.9
21/12/2021 12:30	-1.2	3.9
21/12/2021 12:36	-1.2	3.9
21/12/2021 12:42	-1.2	3.9
21/12/2021 12:48	-1.2	4
21/12/2021 12:54	-1.2	3.9
21/12/2021 13:00	-1.2	3.9
21/12/2021 13:06	-1.2	3.9
21/12/2021 13:12	-1.2	3.9
21/12/2021 13:18	-1.1	3.9
21/12/2021 13:24	-1.1	3.9
21/12/2021 13:30	-1.1	4
21/12/2021 13:36	-1.1	4
21/12/2021 13:42	-1.1	4
21/12/2021 13:48	-1.1	3.9
21/12/2021 13:54	-1.1	3.9
21/12/2021 14:00	-1.1	3.9
21/12/2021 14:06	-1.1	3.9
21/12/2021 14:12	-1.1	3.9
21/12/2021 14:18	-1.1	3.9
21/12/2021 14:24	-1.1	3.9
21/12/2021 14:30	-1.1	3.9
21/12/2021 14:36	-1.1	3.9
21/12/2021 14:42	-1.1	4
21/12/2021 14:48	-1.1	3.9
21/12/2021 14:54	-1.1	3.9
21/12/2021 15:00	-1.2	3.9
21/12/2021 15:06	-1.2	3.9
21/12/2021 15:12	-1.2	3.9
21/12/2021 15:18	-1.2	4
21/12/2021 15:24	-1.2	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/12/2021 15:30	-1.2	4
21/12/2021 15:36	-1.2	4
21/12/2021 15:42	-1.2	4.1
21/12/2021 15:48	-1.2	4.1
21/12/2021 15:54	-1.2	4
21/12/2021 16:00	-1.2	4
21/12/2021 16:06	-1.2	4
21/12/2021 16:12	-1.2	4
21/12/2021 16:18	-1.2	4
21/12/2021 16:24	-1.2	4
21/12/2021 16:30	-1.2	3.9
21/12/2021 16:36	-1.2	4
21/12/2021 16:42	-1.2	4
21/12/2021 16:48	-1.2	3.9
21/12/2021 16:54	-1.2	3.9
21/12/2021 17:00	-1.2	3.9
21/12/2021 17:06	-1.2	3.9
21/12/2021 17:12	-1.2	3.9
21/12/2021 17:18	-1.2	3.9
21/12/2021 17:24	-1.2	3.9
21/12/2021 17:30	-1.2	3.9
21/12/2021 17:36	-1.2	3.9
21/12/2021 17:42	-1.2	4
21/12/2021 17:48	-1.2	4
21/12/2021 17:54	-1.2	4
21/12/2021 18:00	-1.2	3.9
21/12/2021 18:06	-1.2	3.9
21/12/2021 18:12	-1.2	3.9
21/12/2021 18:18	-1.3	3.9
21/12/2021 18:24	-1.3	3.9
21/12/2021 18:30	-1.2	4
21/12/2021 18:36	-1.2	4
21/12/2021 18:42	-1.2	4
21/12/2021 18:48	-1.2	3.9
21/12/2021 18:54	-1.2	3.9
21/12/2021 19:00	-1.2	3.9
21/12/2021 19:06	-1.2	3.9
21/12/2021 19:12	-1.2	3.9
21/12/2021 19:18	-1.2	3.9
21/12/2021 19:24	-1.2	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/12/2021 19:30	-1.2	3.9
21/12/2021 19:36	-1.2	3.9
21/12/2021 19:42	-1.2	3.9
21/12/2021 19:48	-1.2	3.9
21/12/2021 19:54	-1.2	3.9
21/12/2021 20:00	-1.2	3.9
21/12/2021 20:06	-1.2	3.9
21/12/2021 20:12	-1.2	3.9
21/12/2021 20:18	-1.2	3.7
21/12/2021 20:24	-1.2	3.7
21/12/2021 20:30	-1.2	3.6
21/12/2021 20:36	-1.2	3.7
21/12/2021 20:42	-1.2	3.7
21/12/2021 20:48	-1.2	3.7
21/12/2021 20:54	-1.2	3.7
21/12/2021 21:00	-1.2	3.7
21/12/2021 21:06	-1.2	3.6
21/12/2021 21:12	-1.2	3.6
21/12/2021 21:18	-1.2	3.7
21/12/2021 21:24	-1.2	3.7
21/12/2021 21:30	-1.2	3.7
21/12/2021 21:36	-1.2	3.8
21/12/2021 21:42	-1.2	3.7
21/12/2021 21:48	-1.2	3.8
21/12/2021 21:54	-1.2	3.8
21/12/2021 22:00	-1.2	3.8
21/12/2021 22:06	-1.2	3.9
21/12/2021 22:12	-1.2	4
21/12/2021 22:18	-1.2	3.9
21/12/2021 22:24	-1.2	3.9
21/12/2021 22:30	-1.2	4
21/12/2021 22:36	-1.2	4
21/12/2021 22:42	-1.2	3.9
21/12/2021 22:48	-1.2	3.9
21/12/2021 22:54	-1.2	4
21/12/2021 23:00	-1.2	4
21/12/2021 23:06	-1.2	4
21/12/2021 23:12	-1.2	3.9
21/12/2021 23:18	16.1	3.9
21/12/2021 23:24	39.3	3.9

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
21/12/2021 23:30	37.6	4
21/12/2021 23:36	27.2	4.1
21/12/2021 23:42	18.5	4.1
21/12/2021 23:48	14.4	4.1
21/12/2021 23:54	11.4	4.1
22/12/2021 00:00	8.3	4
22/12/2021 00:06	4.8	4.1
22/12/2021 00:12	2.3	4.1
22/12/2021 00:18	0.9	4.1
22/12/2021 00:24	0	4.1
22/12/2021 00:30	-0.5	4.1
22/12/2021 00:36	-0.9	4.1
22/12/2021 00:42	-1	4.1
22/12/2021 00:48	-1.1	4.1
22/12/2021 00:54	-1.1	4.1
22/12/2021 01:00	-1.1	4.1
22/12/2021 01:06	-1.1	4.1
22/12/2021 01:12	-1.1	4.1
22/12/2021 01:18	-1.2	4.1
22/12/2021 01:24	-1.2	4.1
22/12/2021 01:30	-1.2	4.1
22/12/2021 01:36	-1.2	4.1
22/12/2021 01:42	-1.2	4.1
22/12/2021 01:48	-1.2	4.1
22/12/2021 01:54	-1.2	4.2
22/12/2021 02:00	-1.2	4.2
22/12/2021 02:06	-1.2	4.2
22/12/2021 02:12	-1.2	4.2
22/12/2021 02:18	-1.2	4.2
22/12/2021 02:24	-1.2	4.2
22/12/2021 02:30	-1.2	4.2
22/12/2021 02:36	-1.2	4.1
22/12/2021 02:42	-1.2	4
22/12/2021 02:48	-1.2	4
22/12/2021 02:54	-1.2	4
22/12/2021 03:00	-1.2	4.1
22/12/2021 03:06	-1.2	4.1
22/12/2021 03:12	-1.1	4.2
22/12/2021 03:18	-1.1	4.2
22/12/2021 03:24	-1.1	4.2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/12/2021 03:30	-1.1	4.3
22/12/2021 03:36	-1.1	4.3
22/12/2021 03:42	-1.1	4.2
22/12/2021 03:48	-1.2	4.2
22/12/2021 03:54	-1.2	4.2
22/12/2021 04:00	-1.2	4.2
22/12/2021 04:06	-1.2	4.2
22/12/2021 04:12	-1.2	4.1
22/12/2021 04:18	-1.2	4.1
22/12/2021 04:24	-1.2	4.2
22/12/2021 04:30	-1.2	4.2
22/12/2021 04:36	-1.2	4.2
22/12/2021 04:42	-1.1	4.2
22/12/2021 04:48	-1.1	4.2
22/12/2021 04:54	-1.1	4.3
22/12/2021 05:00	-1.1	4.4
22/12/2021 05:06	-1.1	4.4
22/12/2021 05:12	-1.1	4.4
22/12/2021 05:18	-1.1	4.6
22/12/2021 05:24	-1.1	4.9
22/12/2021 05:30	-1	4.9
22/12/2021 05:36	-1	4.8
22/12/2021 05:42	-1	4.5
22/12/2021 05:48	-1	4.5
22/12/2021 05:54	-1	4.4
22/12/2021 06:00	-1	4.2
22/12/2021 06:06	-1	4.2
22/12/2021 06:12	-1.1	4.2
22/12/2021 06:18	-1.1	4.2
22/12/2021 06:24	5.6	4.6
22/12/2021 06:30	20.1	4.8
22/12/2021 06:36	32.7	4.3
22/12/2021 06:42	19.3	4.3
22/12/2021 06:48	6.2	4.2
22/12/2021 06:54	3	4.1
22/12/2021 07:00	1	4.1
22/12/2021 07:06	0.3	4.2
22/12/2021 07:12	0.1	4.4
22/12/2021 07:18	-0.5	4.2
22/12/2021 07:24	-1	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/12/2021 07:30	-1	4
22/12/2021 07:36	-1	4
22/12/2021 07:42	-1.1	4
22/12/2021 07:48	-1.1	4
22/12/2021 07:54	-1	4.1
22/12/2021 08:00	-1.1	4.1
22/12/2021 08:06	-1.1	4
22/12/2021 08:12	-1.1	4
22/12/2021 08:18	-1.1	4
22/12/2021 08:24	-1.1	4
22/12/2021 08:30	-1.1	4
22/12/2021 08:36	-1.1	3.9
22/12/2021 08:42	-1.1	2.9
22/12/2021 08:48	-1.1	2.3
22/12/2021 08:54	-1.1	2.3
22/12/2021 09:00	-1.1	2.3
22/12/2021 09:06	-1.1	2.3
22/12/2021 09:12	-1.1	2.3
22/12/2021 09:18	-1.1	2.3
22/12/2021 09:24	-1.1	2.2
22/12/2021 09:30	-1.1	2.2
22/12/2021 09:36	-1.1	2.2
22/12/2021 09:42	-1.1	2.2
22/12/2021 09:48	-1.1	2.2
22/12/2021 09:54	-1.1	2.2
22/12/2021 10:00	-1.1	2.2
22/12/2021 10:06	-1.1	2.2
22/12/2021 10:12	-1.1	2.2
22/12/2021 10:18	-1.1	2.2
22/12/2021 10:24	-1.1	2.2
22/12/2021 10:30	-1.1	2.2
22/12/2021 10:36	-1.1	2.2
22/12/2021 10:42	-1.1	2.2
22/12/2021 10:48	-1.1	2.2
22/12/2021 10:54	-1.1	2.2
22/12/2021 11:00	-1.1	2.2
22/12/2021 11:06	-1.1	2.1
22/12/2021 11:12	-1.1	2.1
22/12/2021 11:18	-1.1	2.1
22/12/2021 11:24	-1.1	2.1



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
22/12/2021 11:30	-1	2.1
22/12/2021 11:36	-1	2.1
22/12/2021 11:42	-1	2.1
22/12/2021 11:48	-1	2.1
22/12/2021 11:54	-1	2.1
22/12/2021 12:00	-1	2.1
22/12/2021 12:06	-1.1	2
22/12/2021 12:12	-1	2
22/12/2021 12:18	-1	2
22/12/2021 12:24	-1	2
22/12/2021 12:30	-1	2
22/12/2021 12:36	-1	2
22/12/2021 12:42	-1	2
22/12/2021 12:48	-1	2
22/12/2021 12:54	-1	2
22/12/2021 13:00	-1	2
22/12/2021 13:06	-1	2
22/12/2021 13:12	-1	2
22/12/2021 13:18	-1	2
22/12/2021 13:24	-1	2
22/12/2021 13:30	-1	2
22/12/2021 13:36	-1	2
22/12/2021 13:42	-1	2
22/12/2021 13:48	-1	2
22/12/2021 13:54	-1	2
22/12/2021 14:00	-1	2
22/12/2021 14:06	-1.1	2
22/12/2021 14:12	-1.1	2
22/12/2021 14:18	-1.1	2
22/12/2021 14:24	-1.1	2
22/12/2021 14:30	-1.1	2
22/12/2021 14:36	-1.1	2
22/12/2021 14:42	-1.1	2
22/12/2021 14:48	-1.1	2
22/12/2021 14:54	-1.1	2
22/12/2021 15:00	-1.1	2
22/12/2021 15:06	-1.1	2
22/12/2021 15:12	-1.1	2
22/12/2021 15:18	-1.1	2
22/12/2021 15:24	-1.1	2

## 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 4
	%	%
22/12/2021 15:30	-1.1	2
22/12/2021 15:36	-1.1	2
22/12/2021 15:42	-1.1	2
22/12/2021 15:48	-1.1	2
22/12/2021 15:54	-1.1	2.1
22/12/2021 16:00	-1.2	2.1
22/12/2021 16:06	-1.2	2.1
22/12/2021 16:12	-1.2	2.1
22/12/2021 16:18	-1.2	2.1
22/12/2021 16:24	-1.2	2.1
22/12/2021 16:30	-1.2	2.1
22/12/2021 16:36	-1.2	2.1
22/12/2021 16:42	-1.2	2.1
22/12/2021 16:48	-1.2	2.1
22/12/2021 16:54	-1.2	2.1
22/12/2021 17:00	-1.3	2.1
22/12/2021 17:06	-1.3	2.1
22/12/2021 17:12	-1.3	2.1
22/12/2021 17:18	-1.3	2.1
22/12/2021 17:24	-1.3	2.2
22/12/2021 17:30	-1.3	2.1
22/12/2021 17:36	-1.3	2.2
22/12/2021 17:42	-1.3	2.2
22/12/2021 17:48	-1.3	2.2
22/12/2021 17:54	-1.3	2.2
22/12/2021 18:00	-1.3	2.2
22/12/2021 18:06	-1.3	2.2
22/12/2021 18:12	-1.3	2.2
22/12/2021 18:18	-1.3	2.2
22/12/2021 18:24	-1.4	2.2
22/12/2021 18:30	-1.4	2.2
22/12/2021 18:36	-1.4	2.2
22/12/2021 18:42	-1.4	2.2
22/12/2021 18:48	-1.4	2.3
22/12/2021 18:54	-1.4	2.3
22/12/2021 19:00	-1.4	2.3
22/12/2021 19:06	-1.4	2.3
22/12/2021 19:12	-1.4	2.3
22/12/2021 19:18	-1.4	2.3
22/12/2021 19:24	-1.4	2.3

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
22/12/2021 19:30	-1.4	2.3
22/12/2021 19:36	-1.4	2.3
22/12/2021 19:42	-1.5	2.3
22/12/2021 19:48	-1.5	2.3
22/12/2021 19:54	-1.5	2.3
22/12/2021 20:00	-1.5	2.3
22/12/2021 20:06	-1.5	2.3
22/12/2021 20:12	-1.5	2.3
22/12/2021 20:18	-1.5	2.3
22/12/2021 20:24	-1.5	2.3
22/12/2021 20:30	-1.5	2.3
22/12/2021 20:36	-1.5	2.3
22/12/2021 20:42	-1.5	2.4
22/12/2021 20:48	-1.5	2.4
22/12/2021 20:54	-1.5	2.4
22/12/2021 21:00	-1.5	2.4
22/12/2021 21:06	-1.5	2.4
22/12/2021 21:12	-1.5	2.4
22/12/2021 21:18	-1.5	2.4
22/12/2021 21:24	-1.5	2.4
22/12/2021 21:30	-1.5	2.4
22/12/2021 21:36	-1.5	2.4
22/12/2021 21:42	-1.5	2.4
22/12/2021 21:48	-1.5	2.4
22/12/2021 21:54	-1.5	2.4
22/12/2021 22:00	-1.5	2.4
22/12/2021 22:06	-1.5	2.4
22/12/2021 22:12	-1.5	2.4
22/12/2021 22:18	-1.5	2.4
22/12/2021 22:24	-1.5	2.4
22/12/2021 22:30	-1.5	2.4
22/12/2021 22:36	-1.5	2.4
22/12/2021 22:42	-1.5	2.4
22/12/2021 22:48	-1.5	2.4
22/12/2021 22:54	-1.5	2.4
22/12/2021 23:00	-1.5	2.4
22/12/2021 23:06	-1.5	2.4
22/12/2021 23:12	-1.5	2.4
22/12/2021 23:18	-1.5	2.4
22/12/2021 23:24	-1.5	2.4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
22/12/2021 23:30	-1.5	2.4
22/12/2021 23:36	-1.5	2.4
22/12/2021 23:42	-1.5	2.4
22/12/2021 23:48	-1.5	2.4
22/12/2021 23:54	-1.5	2.4
23/12/2021 00:00	-1.5	2.4
23/12/2021 00:06	-1.5	2.4
23/12/2021 00:12	-1.5	2.4
23/12/2021 00:18	-1.5	2.4
23/12/2021 00:24	-1.5	2.4
23/12/2021 00:30	-1.5	2.4
23/12/2021 00:36	-1.5	2.4
23/12/2021 00:42	-1.5	2.4
23/12/2021 00:48	-1.5	2.4
23/12/2021 00:54	-1.5	2.4
23/12/2021 01:00	-1.5	2.4
23/12/2021 01:06	-1.5	2.4
23/12/2021 01:12	-1.5	2.5
23/12/2021 01:18	-1.5	2.4
23/12/2021 01:24	-1.5	2.5
23/12/2021 01:30	-1.5	2.5
23/12/2021 01:36	-1.5	2.5
23/12/2021 01:42	-1.5	2.5
23/12/2021 01:48	-1.5	2.5
23/12/2021 01:54	-1.5	2.5
23/12/2021 02:00	-1.5	2.5
23/12/2021 02:06	-1.5	2.5
23/12/2021 02:12	-1.5	2.5
23/12/2021 02:18	-1.5	2.5
23/12/2021 02:24	-1.6	2.5
23/12/2021 02:30	-1.6	2.5
23/12/2021 02:36	-1.6	2.5
23/12/2021 02:42	-1.5	2.5
23/12/2021 02:48	-1.6	2.5
23/12/2021 02:54	-1.6	2.5
23/12/2021 03:00	-1.6	2.5
23/12/2021 03:06	-1.5	2.5
23/12/2021 03:12	-1.6	2.5
23/12/2021 03:18	-1.5	2.5
23/12/2021 03:24	-1.5	2.5

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/12/2021 03:30	-1.6	2.5
23/12/2021 03:36	-1.5	2.5
23/12/2021 03:42	-1.5	2.5
23/12/2021 03:48	-1.5	2.5
23/12/2021 03:54	-1.5	2.5
23/12/2021 04:00	-1.5	2.5
23/12/2021 04:06	-1.5	2.5
23/12/2021 04:12	-1.6	2.5
23/12/2021 04:18	-1.6	2.5
23/12/2021 04:24	-1.6	2.5
23/12/2021 04:30	-1.6	2.5
23/12/2021 04:36	-1.5	2.5
23/12/2021 04:42	-1.5	2.5
23/12/2021 04:48	-1.6	2.5
23/12/2021 04:54	-1.6	2.5
23/12/2021 05:00	-1.6	2.5
23/12/2021 05:06	-1.6	2.6
23/12/2021 05:12	-1.6	2.6
23/12/2021 05:18	-1.6	2.6
23/12/2021 05:24	-1.6	2.6
23/12/2021 05:30	-1.6	2.6
23/12/2021 05:36	-1.6	2.6
23/12/2021 05:42	-1.6	2.6
23/12/2021 05:48	-1.6	2.6
23/12/2021 05:54	-1.6	2.6
23/12/2021 06:00	-1.6	2.6
23/12/2021 06:06	-1.6	2.6
23/12/2021 06:12	-1.6	2.6
23/12/2021 06:18	-1.6	2.6
23/12/2021 06:24	-1.6	2.6
23/12/2021 06:30	-1.6	2.6
23/12/2021 06:36	-1.6	2.6
23/12/2021 06:42	-1.6	2.6
23/12/2021 06:48	-1.6	2.6
23/12/2021 06:54	-1.6	2.6
23/12/2021 07:00	-1.6	2.6
23/12/2021 07:06	-1.6	2.6
23/12/2021 07:12	-1.6	2.6
23/12/2021 07:18	-1.6	2.6
23/12/2021 07:24	-1.6	2.6

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/12/2021 07:30	-1.6	2.6
23/12/2021 07:36	-1.6	2.6
23/12/2021 07:42	-1.6	2.6
23/12/2021 07:48	-1.6	2.6
23/12/2021 07:54	-1.6	2.6
23/12/2021 08:00	-1.6	2.6
23/12/2021 08:06	-1.6	2.6
23/12/2021 08:12	-1.6	2.6
23/12/2021 08:18	-1.6	2.6
23/12/2021 08:24	-1.6	2.6
23/12/2021 08:30	-1.6	2.6
23/12/2021 08:36	-1.6	2.6
23/12/2021 08:42	-1.6	2.6
23/12/2021 08:48	-1.6	2.6
23/12/2021 08:54	-1.6	2.6
23/12/2021 09:00	-1.6	2.6
23/12/2021 09:06	-1.6	2.6
23/12/2021 09:12	-1.6	2.6
23/12/2021 09:18	-1.6	2.6
23/12/2021 09:24	-1.6	2.6
23/12/2021 09:30	-1.6	2.6
23/12/2021 09:36	-1.6	2.6
23/12/2021 09:42	-1.6	2.6
23/12/2021 09:48	-1.6	2.6
23/12/2021 09:54	-1.6	8.8
23/12/2021 10:00	-1.6	22.2
23/12/2021 10:06	-1.5	17.1
23/12/2021 10:12	-1.5	6.4
23/12/2021 10:18	-1.6	6.2
23/12/2021 10:24	-1.5	16
23/12/2021 10:30	-1.5	20
23/12/2021 10:36	-1.5	21
23/12/2021 10:42	-1.5	9.1
23/12/2021 10:48	-1.5	2.7
23/12/2021 10:54	-1.5	8.8
23/12/2021 11:00	-1.5	14.2
23/12/2021 11:06	-1.5	10.9
23/12/2021 11:12	<Samp	<Samp
23/12/2021 11:18	Maintain	Maintain
23/12/2021 11:24	Maintain	Maintain

## Opacity 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 4
	%	%
23/12/2021 11:30	<Samp	<Samp
23/12/2021 11:36	-1.4	2.5
23/12/2021 11:42	-1.4	2.5
23/12/2021 11:48	-1.4	2.5
23/12/2021 11:54	-1.4	2.5
23/12/2021 12:00	-1.3	2.6
23/12/2021 12:06	-1.1	2.6
23/12/2021 12:12	-1.1	6.8
23/12/2021 12:18	-1.1	8
23/12/2021 12:24	-1.1	3.8
23/12/2021 12:30	-1.1	3.1
23/12/2021 12:36	-1.1	2.8
23/12/2021 12:42	-1.1	2.7
23/12/2021 12:48	-1.1	2.7
23/12/2021 12:54	-1.1	2.6
23/12/2021 13:00	-1.1	2.6
23/12/2021 13:06	-1.1	6.5
23/12/2021 13:12	-1	9.2
23/12/2021 13:18	-1	6.2
23/12/2021 13:24	-1	4.2
23/12/2021 13:30	-0.9	4
23/12/2021 13:36	-0.9	4
23/12/2021 13:42	-1	3.9
23/12/2021 13:48	-1.1	3.9
23/12/2021 13:54	-1.1	3.9
23/12/2021 14:00	-1.1	3.8
23/12/2021 14:06	-1	3.8
23/12/2021 14:12	-1	3.8
23/12/2021 14:18	-1	3.8
23/12/2021 14:24	-1.1	3.9
23/12/2021 14:30	-1.1	3.9
23/12/2021 14:36	-1.1	3.9
23/12/2021 14:42	-1.1	3.9
23/12/2021 14:48	-1.1	3.9
23/12/2021 14:54	-1.1	3.9
23/12/2021 15:00	-1.1	3.9
23/12/2021 15:06	-1.1	4
23/12/2021 15:12	-1.1	4.1
23/12/2021 15:18	-1.1	4.1
23/12/2021 15:24	-1.1	4.1

## 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 4
	%	%
23/12/2021 15:30	-1.1	4.1
23/12/2021 15:36	-1.1	4.1
23/12/2021 15:42	-1.1	4.1
23/12/2021 15:48	-1.1	4.1
23/12/2021 15:54	-1.1	4.1
23/12/2021 16:00	-1.1	4.1
23/12/2021 16:06	-1.1	4.1
23/12/2021 16:12	-1.1	4.1
23/12/2021 16:18	-1.1	4.1
23/12/2021 16:24	-1.1	4.1
23/12/2021 16:30	-1.1	4.1
23/12/2021 16:36	-1.1	4.1
23/12/2021 16:42	-1.1	4.1
23/12/2021 16:48	-1.1	4.2
23/12/2021 16:54	-1.1	4.2
23/12/2021 17:00	-1.1	4.1
23/12/2021 17:06	-1.1	4.1
23/12/2021 17:12	-1.1	4.1
23/12/2021 17:18	4.9	4.1
23/12/2021 17:24	8.5	4.1
23/12/2021 17:30	1.9	4.1
23/12/2021 17:36	0.3	4.1
23/12/2021 17:42	-0.7	4.1
23/12/2021 17:48	-1	4.1
23/12/2021 17:54	-1.1	4.1
23/12/2021 18:00	-1.1	4.1
23/12/2021 18:06	-1.1	4.1
23/12/2021 18:12	-1.1	4.1
23/12/2021 18:18	-1.1	4.1
23/12/2021 18:24	-1.1	4.1
23/12/2021 18:30	-1.1	4.1
23/12/2021 18:36	-1.1	4.1
23/12/2021 18:42	-1.1	4.1
23/12/2021 18:48	-1.1	4.2
23/12/2021 18:54	-1.1	4.1
23/12/2021 19:00	-1.1	4.1
23/12/2021 19:06	-1.2	4.2
23/12/2021 19:12	-1.2	4.1
23/12/2021 19:18	-1.2	4.1
23/12/2021 19:24	-1.2	4.1



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**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
23/12/2021 19:30	-1.2	4.1
23/12/2021 19:36	-1.2	4.1
23/12/2021 19:42	-1.2	4.1
23/12/2021 19:48	-1.2	4.1
23/12/2021 19:54	-1.2	4.1
23/12/2021 20:00	-1.2	4.2
23/12/2021 20:06	-1.2	4.2
23/12/2021 20:12	-1.2	4.2
23/12/2021 20:18	-1.2	4.2
23/12/2021 20:24	-1.2	4.1
23/12/2021 20:30	-1.2	4.1
23/12/2021 20:36	-1.2	4.1
23/12/2021 20:42	-1.2	4.1
23/12/2021 20:48	-1.2	4.1
23/12/2021 20:54	-1.2	4.1
23/12/2021 21:00	-1.1	4.1
23/12/2021 21:06	-1.2	4.2
23/12/2021 21:12	-1.2	4.1
23/12/2021 21:18	-1.1	4.2
23/12/2021 21:24	-1.1	4.2
23/12/2021 21:30	-1.1	4.1
23/12/2021 21:36	-1.1	4.2
23/12/2021 21:42	-1.1	4.2
23/12/2021 21:48	-1.1	4.1
23/12/2021 21:54	-1.1	4.1
23/12/2021 22:00	-1.1	4.2
23/12/2021 22:06	-1.1	4.1
23/12/2021 22:12	-1.1	4.1
23/12/2021 22:18	-1.1	4.1
23/12/2021 22:24	-1.1	4.1
23/12/2021 22:30	-1.2	4.1
23/12/2021 22:36	-1.2	4.1
23/12/2021 22:42	-1.2	4.1
23/12/2021 22:48	-1.2	4.2
23/12/2021 22:54	-1.2	4.1
23/12/2021 23:00	-1.2	4.1
23/12/2021 23:06	-1.2	4.1
23/12/2021 23:12	-1.2	4.1
23/12/2021 23:18	-1.2	4.1
23/12/2021 23:24	-1.2	4.1

## 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 4
	%	%
23/12/2021 23:30	-1.2	4.1
23/12/2021 23:36	-1.2	4.1
23/12/2021 23:42	-1.2	4.1
23/12/2021 23:48	-1.2	4.2
23/12/2021 23:54	-1.2	4.1
24/12/2021 00:00	-1.2	4.1
24/12/2021 00:06	-1.2	4.1
24/12/2021 00:12	-1.2	4.1
24/12/2021 00:18	-1.2	4
24/12/2021 00:24	-1.2	4
24/12/2021 00:30	-1.2	4.1
24/12/2021 00:36	-1.2	4.1
24/12/2021 00:42	-1.2	4.1
24/12/2021 00:48	-1.2	4.1
24/12/2021 00:54	-1.2	4.1
24/12/2021 01:00	-1.2	4.1
24/12/2021 01:06	-1.2	4.1
24/12/2021 01:12	-1.2	4.1
24/12/2021 01:18	-1.2	4.1
24/12/2021 01:24	-1.2	4.1
24/12/2021 01:30	-1.2	4
24/12/2021 01:36	-1.2	3.8
24/12/2021 01:42	-1.2	3.8
24/12/2021 01:48	-1.2	3.7
24/12/2021 01:54	-1.2	3.7
24/12/2021 02:00	-1.2	3.7
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24/12/2021 02:12	-1.2	3.7
24/12/2021 02:18	-1.2	3.7
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24/12/2021 02:30	-1.2	3.7
24/12/2021 02:36	-1.2	3.7
24/12/2021 02:42	-1.2	3.7
24/12/2021 02:48	-1.2	3.7
24/12/2021 02:54	-1.2	3.7
24/12/2021 03:00	-1.1	3.7
24/12/2021 03:06	-1.1	3.8
24/12/2021 03:12	-1.2	3.9
24/12/2021 03:18	-1.2	3.9
24/12/2021 03:24	-1.2	3.9

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Date & Time	PE 1	PE 4
	%	%
24/12/2021 03:30	-1.2	3.9
24/12/2021 03:36	-1.2	3.9
24/12/2021 03:42	-1.3	4
24/12/2021 03:48	-1.3	4
24/12/2021 03:54	-1.3	4
24/12/2021 04:00	-1.3	3.9
24/12/2021 04:06	-1.3	3.9
24/12/2021 04:12	-1.3	3.9
24/12/2021 04:18	-1.3	3.9
24/12/2021 04:24	-1.3	3.9
24/12/2021 04:30	-1.3	3.9
24/12/2021 04:36	-1.3	4
24/12/2021 04:42	-1.3	4
24/12/2021 04:48	-1.3	4
24/12/2021 04:54	-1.3	4
24/12/2021 05:00	-1.3	4
24/12/2021 05:06	-1.3	4
24/12/2021 05:12	-1.3	4
24/12/2021 05:18	-1.3	4
24/12/2021 05:24	-1.3	4.1
24/12/2021 05:30	-1.3	4.1
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24/12/2021 05:48	-1.3	4.1
24/12/2021 05:54	-1.3	4.1
24/12/2021 06:00	-1.3	4
24/12/2021 06:06	-1.3	4
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24/12/2021 06:30	-1.3	4
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24/12/2021 06:42	-1.3	4
24/12/2021 06:48	-1.3	4
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24/12/2021 11:12	-1.1	4
24/12/2021 11:18	-1.1	3.9
24/12/2021 11:24	-1.1	4

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24/12/2021 11:30	-1.1	4
24/12/2021 11:36	-1.1	4
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24/12/2021 14:42	-1.1	3.6
24/12/2021 14:48	-1.1	3.7
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24/12/2021 15:18	-1	3.7
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24/12/2021 15:30	-1	3.7
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24/12/2021 16:00	-1.1	3.8
24/12/2021 16:06	-1.1	3.8
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24/12/2021 18:36	-1.1	3.9
24/12/2021 18:42	-1.1	4
24/12/2021 18:48	-1.2	4
24/12/2021 18:54	-1.2	4
24/12/2021 19:00	-1.2	4
24/12/2021 19:06	-1.2	4
24/12/2021 19:12	-1.2	4
24/12/2021 19:18	-1.2	4
24/12/2021 19:24	-1.2	4

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	%	%
24/12/2021 19:30	-1.2	4
24/12/2021 19:36	-1.2	4
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24/12/2021 20:30	-1.2	4
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24/12/2021 21:00	-1.2	4
24/12/2021 21:06	-1.2	4
24/12/2021 21:12	-1.2	4
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24/12/2021 23:00	-1.2	4.1
24/12/2021 23:06	-1.2	4.2
24/12/2021 23:12	-1.2	4.2
24/12/2021 23:18	-1.2	4.2
24/12/2021 23:24	-1.2	4.2

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24/12/2021 23:30	-1.2	4.2
24/12/2021 23:36	-1.2	4.2
24/12/2021 23:42	-1.2	4.2
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25/12/2021 02:00	-1.2	4
25/12/2021 02:06	-1.2	3.8
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25/12/2021 03:18	-1.1	3.7
25/12/2021 03:24	-1.1	3.8



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25/12/2021 03:30	-1.1	3.8
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25/12/2021 07:18	-1	4
25/12/2021 07:24	-1	4

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25/12/2021 09:48	-1	3.9
25/12/2021 09:54	-1	3.9
25/12/2021 10:00	-1	3.9
25/12/2021 10:06	-1	3.9
25/12/2021 10:12	-1	3.9
25/12/2021 10:18	-1	3.9
25/12/2021 10:24	-1	3.9
25/12/2021 10:30	-1	3.9
25/12/2021 10:36	-1	3.9
25/12/2021 10:42	-1	3.9
25/12/2021 10:48	-1	3.9
25/12/2021 10:54	-1	3.9
25/12/2021 11:00	-1	3.9
25/12/2021 11:06	-1	3.9
25/12/2021 11:12	-1	3.9
25/12/2021 11:18	-0.9	4
25/12/2021 11:24	-0.9	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/12/2021 11:30	-0.9	3.9
25/12/2021 11:36	-0.9	3.9
25/12/2021 11:42	-0.9	3.9
25/12/2021 11:48	-0.9	3.9
25/12/2021 11:54	-0.9	3.9
25/12/2021 12:00	-1	3.8
25/12/2021 12:06	-1.3	3.8
25/12/2021 12:12	-1.3	3.8
25/12/2021 12:18	-1.3	3.8
25/12/2021 12:24	-1.2	3.8
25/12/2021 12:30	-1.3	3.8
25/12/2021 12:36	-1.2	3.8
25/12/2021 12:42	-1.2	3.8
25/12/2021 12:48	-1.2	3.8
25/12/2021 12:54	-1.2	3.9
25/12/2021 13:00	-1.2	3.8
25/12/2021 13:06	-1.2	3.8
25/12/2021 13:12	-1.2	3.8
25/12/2021 13:18	-1.2	3.7
25/12/2021 13:24	-1.2	3.8
25/12/2021 13:30	-1.3	3.8
25/12/2021 13:36	-1.2	3.7
25/12/2021 13:42	-1.2	3.7
25/12/2021 13:48	-1.2	3.7
25/12/2021 13:54	-1.2	3.7
25/12/2021 14:00	-1.2	3.7
25/12/2021 14:06	-1.2	3.7
25/12/2021 14:12	-1.2	3.7
25/12/2021 14:18	-1.2	3.7
25/12/2021 14:24	-1.2	3.7
25/12/2021 14:30	-1.2	3.7
25/12/2021 14:36	-1.2	3.7
25/12/2021 14:42	-1.2	3.8
25/12/2021 14:48	-1.2	3.7
25/12/2021 14:54	-1.2	3.7
25/12/2021 15:00	-1.2	3.7
25/12/2021 15:06	-1.2	3.7
25/12/2021 15:12	-1.2	3.7
25/12/2021 15:18	-1.2	3.7
25/12/2021 15:24	-1.2	3.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/12/2021 15:30	-1.2	3.8
25/12/2021 15:36	-1.2	3.9
25/12/2021 15:42	-1.2	3.8
25/12/2021 15:48	-1.2	3.8
25/12/2021 15:54	-1.2	3.8
25/12/2021 16:00	-1.2	3.8
25/12/2021 16:06	-1.2	3.8
25/12/2021 16:12	-1.2	3.8
25/12/2021 16:18	-1.2	3.8
25/12/2021 16:24	-1.2	3.8
25/12/2021 16:30	-1.2	3.8
25/12/2021 16:36	-1.2	3.8
25/12/2021 16:42	-1.2	3.8
25/12/2021 16:48	-1.2	3.8
25/12/2021 16:54	-1.2	3.8
25/12/2021 17:00	-1.2	3.8
25/12/2021 17:06	-1.2	3.8
25/12/2021 17:12	-1.2	3.8
25/12/2021 17:18	-1.2	3.8
25/12/2021 17:24	-1.2	3.9
25/12/2021 17:30	-1.2	3.9
25/12/2021 17:36	-1.2	3.9
25/12/2021 17:42	-1.2	3.9
25/12/2021 17:48	-1.2	3.9
25/12/2021 17:54	-1.2	3.9
25/12/2021 18:00	-1.2	4
25/12/2021 18:06	-1.2	4
25/12/2021 18:12	-1.2	4
25/12/2021 18:18	-1.2	4
25/12/2021 18:24	-1.2	4.1
25/12/2021 18:30	-1.2	4
25/12/2021 18:36	-1.2	4
25/12/2021 18:42	-1.2	4
25/12/2021 18:48	-1.2	4
25/12/2021 18:54	-1.2	4
25/12/2021 19:00	-1.2	4
25/12/2021 19:06	-1.2	3.9
25/12/2021 19:12	-1.2	4
25/12/2021 19:18	-1.2	4.1
25/12/2021 19:24	-1.2	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
25/12/2021 19:30	-1.2	4.1
25/12/2021 19:36	-1.2	4.1
25/12/2021 19:42	-1.2	4
25/12/2021 19:48	-1.2	4
25/12/2021 19:54	-1.2	4
25/12/2021 20:00	-1.2	4.1
25/12/2021 20:06	-1.2	4.1
25/12/2021 20:12	-1.2	4.1
25/12/2021 20:18	-1.2	4.1
25/12/2021 20:24	-1.2	4.1
25/12/2021 20:30	-1.2	4.1
25/12/2021 20:36	-1.2	4.1
25/12/2021 20:42	-1.2	4.1
25/12/2021 20:48	-1.2	4.1
25/12/2021 20:54	-1.2	4.1
25/12/2021 21:00	-1.2	4
25/12/2021 21:06	-1.3	4
25/12/2021 21:12	-1.3	4
25/12/2021 21:18	-1.2	4
25/12/2021 21:24	-1.2	4
25/12/2021 21:30	-1.2	4.1
25/12/2021 21:36	-1.2	4.1
25/12/2021 21:42	-1.2	4.1
25/12/2021 21:48	-1.2	4.1
25/12/2021 21:54	-1.2	4.1
25/12/2021 22:00	-1.2	4.1
25/12/2021 22:06	-1.2	4.1
25/12/2021 22:12	-1.2	4.1
25/12/2021 22:18	-1.2	4.1
25/12/2021 22:24	-1.2	4.1
25/12/2021 22:30	-1.2	4.1
25/12/2021 22:36	-1.2	4.1
25/12/2021 22:42	-1.2	4.1
25/12/2021 22:48	-1.2	4
25/12/2021 22:54	-1.2	4
25/12/2021 23:00	-1.2	4
25/12/2021 23:06	-1.1	4
25/12/2021 23:12	-1.1	4
25/12/2021 23:18	-1.1	4
25/12/2021 23:24	-1.1	4

## Opacity Data Summary Report

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

Date & Time	PE 1	PE 4
	%	%
25/12/2021 23:30	-1.1	4
25/12/2021 23:36	-1.1	4.1
25/12/2021 23:42	-1.1	4
25/12/2021 23:48	-1.1	4
25/12/2021 23:54	-1.1	4
26/12/2021 00:00	-1.1	4
26/12/2021 00:06	-1.1	4
26/12/2021 00:12	-1.1	4
26/12/2021 00:18	-1.1	4
26/12/2021 00:24	-1.1	4
26/12/2021 00:30	-1.1	4
26/12/2021 00:36	-1.1	4
26/12/2021 00:42	-1.1	4
26/12/2021 00:48	-1.1	4
26/12/2021 00:54	-1.1	4.1
26/12/2021 01:00	-1.1	3.9
26/12/2021 01:06	-1.1	3.7
26/12/2021 01:12	-1.1	3.7
26/12/2021 01:18	-1.1	3.7
26/12/2021 01:24	-1.1	3.7
26/12/2021 01:30	-1.1	3.7
26/12/2021 01:36	-1.1	3.7
26/12/2021 01:42	-1.1	3.7
26/12/2021 01:48	-1.1	3.7
26/12/2021 01:54	-1.1	3.7
26/12/2021 02:00	-1.1	3.7
26/12/2021 02:06	-1.1	3.7
26/12/2021 02:12	-1.1	3.7
26/12/2021 02:18	-1.1	3.7
26/12/2021 02:24	-1.1	3.7
26/12/2021 02:30	-1.1	3.7
26/12/2021 02:36	-1.1	3.7
26/12/2021 02:42	-1.1	3.7
26/12/2021 02:48	-1.1	3.7
26/12/2021 02:54	-1.1	3.7
26/12/2021 03:00	-1.2	3.7
26/12/2021 03:06	-1.2	3.8
26/12/2021 03:12	-1.2	3.8
26/12/2021 03:18	-1.2	3.7
26/12/2021 03:24	-1.2	3.7

## 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 4
	%	%
26/12/2021 03:30	-1.2	3.7
26/12/2021 03:36	-1.2	3.7
26/12/2021 03:42	-1.2	3.8
26/12/2021 03:48	-1.2	3.9
26/12/2021 03:54	-1.2	3.9
26/12/2021 04:00	-1.2	3.9
26/12/2021 04:06	-1.2	3.9
26/12/2021 04:12	-1.2	3.9
26/12/2021 04:18	-1.2	3.9
26/12/2021 04:24	-1.2	3.9
26/12/2021 04:30	-1.2	3.9
26/12/2021 04:36	-1.2	3.9
26/12/2021 04:42	-1.2	3.9
26/12/2021 04:48	-1.3	3.9
26/12/2021 04:54	-1.3	3.9
26/12/2021 05:00	-1.3	3.9
26/12/2021 05:06	-1.3	3.9
26/12/2021 05:12	-1.3	3.9
26/12/2021 05:18	-1.3	3.9
26/12/2021 05:24	-1.3	3.9
26/12/2021 05:30	-1.3	3.9
26/12/2021 05:36	-1.3	3.9
26/12/2021 05:42	-1.3	3.9
26/12/2021 05:48	-1.3	4
26/12/2021 05:54	-1.3	4
26/12/2021 06:00	-1.3	4
26/12/2021 06:06	-1.3	4
26/12/2021 06:12	-1.3	4
26/12/2021 06:18	-1.3	4
26/12/2021 06:24	-1.3	4
26/12/2021 06:30	-1.3	4
26/12/2021 06:36	-1.3	4
26/12/2021 06:42	-1.3	4
26/12/2021 06:48	-1.3	4
26/12/2021 06:54	-1.3	4
26/12/2021 07:00	-1.3	4
26/12/2021 07:06	-1.3	4
26/12/2021 07:12	-1.3	4
26/12/2021 07:18	-1.3	4
26/12/2021 07:24	-1.3	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/12/2021 07:30	-1.3	3.9
26/12/2021 07:36	-1.3	3.9
26/12/2021 07:42	-1.3	3.9
26/12/2021 07:48	-1.3	4
26/12/2021 07:54	-1.3	4
26/12/2021 08:00	-1.3	4
26/12/2021 08:06	-1.3	4
26/12/2021 08:12	-1.3	4
26/12/2021 08:18	-1.3	4.1
26/12/2021 08:24	-1.3	4.1
26/12/2021 08:30	-1.4	4
26/12/2021 08:36	-1.4	4.1
26/12/2021 08:42	-1.4	4
26/12/2021 08:48	-1.4	3.8
26/12/2021 08:54	-1.4	3.9
26/12/2021 09:00	-1.4	3.9
26/12/2021 09:06	-1.4	3.9
26/12/2021 09:12	-1.4	3.9
26/12/2021 09:18	-1.4	3.9
26/12/2021 09:24	-1.4	4
26/12/2021 09:30	-1.4	4
26/12/2021 09:36	-1.4	3.9
26/12/2021 09:42	-1.4	3.9
26/12/2021 09:48	-1.4	4
26/12/2021 09:54	-1.4	4.1
26/12/2021 10:00	-1.4	4
26/12/2021 10:06	-1.4	4
26/12/2021 10:12	-1.4	4
26/12/2021 10:18	-1.3	4
26/12/2021 10:24	-1.3	4
26/12/2021 10:30	-1.3	4.1
26/12/2021 10:36	-1.3	4.1
26/12/2021 10:42	-1.3	4
26/12/2021 10:48	-1.3	4
26/12/2021 10:54	-1.3	4
26/12/2021 11:00	-1.3	4.1
26/12/2021 11:06	-1.3	4
26/12/2021 11:12	-1.3	4
26/12/2021 11:18	-1.3	4
26/12/2021 11:24	-1.2	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  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/12/2021 11:30	-1.2	4
26/12/2021 11:36	-1.2	4
26/12/2021 11:42	-1.2	3.9
26/12/2021 11:48	-1.2	4
26/12/2021 11:54	-1.2	4
26/12/2021 12:00	-1.2	3.9
26/12/2021 12:06	-1.2	4
26/12/2021 12:12	-1.2	4
26/12/2021 12:18	-1.2	4
26/12/2021 12:24	-1.2	4
26/12/2021 12:30	-1.2	4
26/12/2021 12:36	-1.2	4.1
26/12/2021 12:42	-1.2	4.1
26/12/2021 12:48	-1.2	4
26/12/2021 12:54	-1.2	4
26/12/2021 13:00	-1.2	4
26/12/2021 13:06	-1.2	4
26/12/2021 13:12	-1.2	4
26/12/2021 13:18	-1.2	4
26/12/2021 13:24	-1.2	4
26/12/2021 13:30	-1.2	4
26/12/2021 13:36	-1.2	3.9
26/12/2021 13:42	-1.2	4
26/12/2021 13:48	-1.2	4
26/12/2021 13:54	-1.2	4
26/12/2021 14:00	-1.2	4
26/12/2021 14:06	-1.3	4
26/12/2021 14:12	-1.3	4
26/12/2021 14:18	-1.3	4
26/12/2021 14:24	-1.3	3.9
26/12/2021 14:30	-1.3	3.9
26/12/2021 14:36	-1.3	4
26/12/2021 14:42	-1.3	4
26/12/2021 14:48	-1.3	4
26/12/2021 14:54	-1.3	4
26/12/2021 15:00	-1.3	4
26/12/2021 15:06	-1.3	3.9
26/12/2021 15:12	-1.3	4
26/12/2021 15:18	-1.3	4
26/12/2021 15:24	-1.3	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/12/2021 15:30	-1.3	4
26/12/2021 15:36	-1.3	4
26/12/2021 15:42	-1.3	4.1
26/12/2021 15:48	-1.3	4.1
26/12/2021 15:54	-1.3	4.2
26/12/2021 16:00	-1.3	4.1
26/12/2021 16:06	-1.3	4.1
26/12/2021 16:12	-1.3	4.2
26/12/2021 16:18	-1.4	4.2
26/12/2021 16:24	-1.4	4.2
26/12/2021 16:30	-1.4	4.2
26/12/2021 16:36	-1.4	4.2
26/12/2021 16:42	-1.4	4.2
26/12/2021 16:48	-1.4	4.1
26/12/2021 16:54	-1.4	4.1
26/12/2021 17:00	-1.4	4.2
26/12/2021 17:06	-1.4	4.2
26/12/2021 17:12	-1.4	4.3
26/12/2021 17:18	-1.4	4.3
26/12/2021 17:24	-1.4	4.3
26/12/2021 17:30	-1.4	4.2
26/12/2021 17:36	-1.4	4.1
26/12/2021 17:42	-1.4	4.1
26/12/2021 17:48	-1.4	4
26/12/2021 17:54	-1.4	3.9
26/12/2021 18:00	-1.4	3.9
26/12/2021 18:06	-1.4	3.9
26/12/2021 18:12	-1.4	3.9
26/12/2021 18:18	-1.4	3.9
26/12/2021 18:24	-1.4	4
26/12/2021 18:30	-1.4	4.1
26/12/2021 18:36	-1.4	4.1
26/12/2021 18:42	-1.4	4.2
26/12/2021 18:48	-1.4	4.2
26/12/2021 18:54	-1.4	4.2
26/12/2021 19:00	-1.4	4.2
26/12/2021 19:06	-1.4	4.3
26/12/2021 19:12	-1.4	4.3
26/12/2021 19:18	-1.4	4.3
26/12/2021 19:24	-1.4	4.3

## 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 4
	%	%
26/12/2021 19:30	-1.4	4.2
26/12/2021 19:36	-1.4	4.2
26/12/2021 19:42	-1.5	4.2
26/12/2021 19:48	-1.5	4.2
26/12/2021 19:54	-1.5	4.2
26/12/2021 20:00	-1.5	4.2
26/12/2021 20:06	-1.5	4.2
26/12/2021 20:12	-1.5	4.2
26/12/2021 20:18	-1.5	4.1
26/12/2021 20:24	-1.5	4.1
26/12/2021 20:30	-1.5	4.1
26/12/2021 20:36	-1.5	4.2
26/12/2021 20:42	-1.5	4.2
26/12/2021 20:48	-1.5	4.1
26/12/2021 20:54	-1.5	4.1
26/12/2021 21:00	-1.5	4.1
26/12/2021 21:06	-1.5	4
26/12/2021 21:12	-1.5	4
26/12/2021 21:18	-1.5	4.1
26/12/2021 21:24	-1.5	4.1
26/12/2021 21:30	-1.5	4.1
26/12/2021 21:36	-1.5	4.2
26/12/2021 21:42	-1.5	4.1
26/12/2021 21:48	-1.5	4
26/12/2021 21:54	-1.5	4.1
26/12/2021 22:00	-1.5	4.1
26/12/2021 22:06	-1.5	4.1
26/12/2021 22:12	-1.5	4.1
26/12/2021 22:18	-1.5	4.1
26/12/2021 22:24	-1.5	4.1
26/12/2021 22:30	-1.5	4.1
26/12/2021 22:36	-1.5	4
26/12/2021 22:42	-1.5	4.1
26/12/2021 22:48	-1.5	4.1
26/12/2021 22:54	-1.5	4.1
26/12/2021 23:00	-1.5	4.1
26/12/2021 23:06	-1.5	4.1
26/12/2021 23:12	-1.5	4.1
26/12/2021 23:18	-1.5	4
26/12/2021 23:24	-1.5	4.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
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**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
26/12/2021 23:30	-1.5	4.1
26/12/2021 23:36	-1.5	4
26/12/2021 23:42	-1.5	4
26/12/2021 23:48	-1.5	4.1
26/12/2021 23:54	-1.5	4.1
27/12/2021 00:00	-1.5	4
27/12/2021 00:06	-1.5	4
27/12/2021 00:12	-1.5	4
27/12/2021 00:18	-1.5	4
27/12/2021 00:24	-1.5	4.1
27/12/2021 00:30	-1.5	4.1
27/12/2021 00:36	-1.5	4.1
27/12/2021 00:42	-1.5	4.1
27/12/2021 00:48	-1.5	4.2
27/12/2021 00:54	-1.5	4.2
27/12/2021 01:00	-1.5	4.2
27/12/2021 01:06	-1.5	4.2
27/12/2021 01:12	-1.5	4.2
27/12/2021 01:18	-1.5	4.2
27/12/2021 01:24	-1.5	4.2
27/12/2021 01:30	-1.5	4.1
27/12/2021 01:36	-1.5	3.9
27/12/2021 01:42	-1.5	3.9
27/12/2021 01:48	-1.5	3.9
27/12/2021 01:54	-1.5	3.9
27/12/2021 02:00	-1.5	3.9
27/12/2021 02:06	-1.5	3.9
27/12/2021 02:12	-1.5	3.9
27/12/2021 02:18	-1.5	4
27/12/2021 02:24	-1.5	4
27/12/2021 02:30	-1.5	3.9
27/12/2021 02:36	-1.5	3.9
27/12/2021 02:42	-1.5	3.9
27/12/2021 02:48	-1.5	4
27/12/2021 02:54	-1.5	4
27/12/2021 03:00	-1.5	4
27/12/2021 03:06	-1.5	4
27/12/2021 03:12	-1.5	4
27/12/2021 03:18	-1.5	4
27/12/2021 03:24	-1.5	4

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Date & Time	PE 1	PE 4
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27/12/2021 03:30	-1.6	4
27/12/2021 03:36	-1.5	3.9
27/12/2021 03:42	-1.6	3.9
27/12/2021 03:48	-1.6	3.9
27/12/2021 03:54	-1.6	4
27/12/2021 04:00	-1.6	4
27/12/2021 04:06	-1.6	4
27/12/2021 04:12	-1.6	4
27/12/2021 04:18	-1.6	3.9
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27/12/2021 04:30	-1.6	4
27/12/2021 04:36	-1.6	4
27/12/2021 04:42	-1.6	3.9
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27/12/2021 04:54	-1.6	4
27/12/2021 05:00	-1.6	4
27/12/2021 05:06	-1.6	4
27/12/2021 05:12	-1.6	4
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27/12/2021 06:06	-1.6	4
27/12/2021 06:12	-1.6	3.9
27/12/2021 06:18	-1.6	4
27/12/2021 06:24	-1.6	4.2
27/12/2021 06:30	-1.6	4.3
27/12/2021 06:36	-1.6	4.2
27/12/2021 06:42	-1.6	4.3
27/12/2021 06:48	-1.7	4.3
27/12/2021 06:54	-1.7	4.2
27/12/2021 07:00	-1.7	4.2
27/12/2021 07:06	-1.7	4.2
27/12/2021 07:12	-1.7	4.1
27/12/2021 07:18	-1.7	4.2
27/12/2021 07:24	-1.7	4.1

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27/12/2021 07:30	-1.7	4.2
27/12/2021 07:36	-1.7	4.1
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27/12/2021 09:12	-1.7	4.1
27/12/2021 09:18	-1.7	4.2
27/12/2021 09:24	-1.7	4.2
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27/12/2021 09:42	-1.7	4.2
27/12/2021 09:48	-1.7	4.3
27/12/2021 09:54	-1.7	4.2
27/12/2021 10:00	-1.7	4.1
27/12/2021 10:06	-1.7	4.1
27/12/2021 10:12	-1.7	4
27/12/2021 10:18	-1.7	4
27/12/2021 10:24	-1.7	4
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27/12/2021 10:36	-1.7	3.9
27/12/2021 10:42	-1.7	3.9
27/12/2021 10:48	-1.7	3.9
27/12/2021 10:54	-1.7	3.9
27/12/2021 11:00	-1.7	3.9
27/12/2021 11:06	-1.7	3.9
27/12/2021 11:12	-1.7	3.9
27/12/2021 11:18	-1.7	3.8
27/12/2021 11:24	-1.7	3.9

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27/12/2021 12:06	-1.3	3.9
27/12/2021 12:12	-1.3	3.9
27/12/2021 12:18	-1.3	3.9
27/12/2021 12:24	-1.3	3.9
27/12/2021 12:30	-1.2	3.9
27/12/2021 12:36	-1.2	3.8
27/12/2021 12:42	-1.2	3.9
27/12/2021 12:48	-1.2	3.9
27/12/2021 12:54	-1.2	3.9
27/12/2021 13:00	-1.2	4
27/12/2021 13:06	-1.2	4
27/12/2021 13:12	-1.2	4
27/12/2021 13:18	-1.2	4
27/12/2021 13:24	-1.2	4
27/12/2021 13:30	-1.1	4
27/12/2021 13:36	-1.1	4
27/12/2021 13:42	-1.1	3.9
27/12/2021 13:48	-1.1	3.9
27/12/2021 13:54	-1.1	4
27/12/2021 14:00	-1.1	4
27/12/2021 14:06	-1.1	4
27/12/2021 14:12	-1.1	4
27/12/2021 14:18	-1.1	4
27/12/2021 14:24	-1.1	4
27/12/2021 14:30	-1.1	4
27/12/2021 14:36	-1.1	4
27/12/2021 14:42	-1.1	4
27/12/2021 14:48	-1.2	4
27/12/2021 14:54	-1.2	4
27/12/2021 15:00	-1.2	4
27/12/2021 15:06	-1.2	4
27/12/2021 15:12	-1.2	4.1
27/12/2021 15:18	-1.2	4.1
27/12/2021 15:24	-1.2	4.1

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Date & Time	PE 1	PE 4
	%	%
27/12/2021 15:30	-1.2	4.1
27/12/2021 15:36	-1.2	4.1
27/12/2021 15:42	-1.2	4
27/12/2021 15:48	-1.2	4
27/12/2021 15:54	-1.2	4
27/12/2021 16:00	-1.2	4
27/12/2021 16:06	-1.2	4.1
27/12/2021 16:12	-1.2	4.1
27/12/2021 16:18	-1.2	4.9
27/12/2021 16:24	-1.2	5.4
27/12/2021 16:30	-1.2	5
27/12/2021 16:36	-1.2	5
27/12/2021 16:42	-1.2	5
27/12/2021 16:48	-1.2	5
27/12/2021 16:54	-1.2	5.1
27/12/2021 17:00	-1.2	5
27/12/2021 17:06	-1.2	5
27/12/2021 17:12	-1.2	5
27/12/2021 17:18	-1.2	5
27/12/2021 17:24	-1.2	5
27/12/2021 17:30	-1.2	4.9
27/12/2021 17:36	-1.2	4.9
27/12/2021 17:42	-1.2	5
27/12/2021 17:48	-1.2	5
27/12/2021 17:54	-1.2	5
27/12/2021 18:00	-1.2	5
27/12/2021 18:06	-1.2	5.1
27/12/2021 18:12	-1.2	4.9
27/12/2021 18:18	-1.2	4.2
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27/12/2021 18:36	-1.2	4.1
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27/12/2021 18:48	-1.2	4.1
27/12/2021 18:54	-1.2	4.1
27/12/2021 19:00	-1.2	4.1
27/12/2021 19:06	-1.2	4.2
27/12/2021 19:12	-1.2	4.2
27/12/2021 19:18	-1.2	4.2
27/12/2021 19:24	-1.2	4.2



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**Company:** New York City D.E.P.  
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Date & Time	PE 1	PE 4
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27/12/2021 19:30	-1.2	4.1
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27/12/2021 19:54	-1.2	4.2
27/12/2021 20:00	-1.2	4.2
27/12/2021 20:06	-1.2	4.2
27/12/2021 20:12	-1.2	4.2
27/12/2021 20:18	-1.2	4.2
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27/12/2021 23:30	-1.2	4.3
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28/12/2021 03:30	-1.1	4
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 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
28/12/2021 11:30	-1	3.7
28/12/2021 11:36	-1	3.7
28/12/2021 11:42	-1	3.7
28/12/2021 11:48	-1	3.7
28/12/2021 11:54	-1	3.7
28/12/2021 12:00	-1.1	3.7
28/12/2021 12:06	-1.3	3.5
28/12/2021 12:12	-1.3	3.5
28/12/2021 12:18	-1.3	3.6
28/12/2021 12:24	-1.3	3.5
28/12/2021 12:30	-1.3	3.5
28/12/2021 12:36	-1.3	3.6
28/12/2021 12:42	-1.3	3.5
28/12/2021 12:48	-1.3	3.5
28/12/2021 12:54	-1.3	3.5
28/12/2021 13:00	-1.3	3.5
28/12/2021 13:06	-1.3	3.5
28/12/2021 13:12	-1.3	3.5
28/12/2021 13:18	-1.3	3.5
28/12/2021 13:24	-1.3	3.5
28/12/2021 13:30	-1.3	3.5
28/12/2021 13:36	-1.3	3.5
28/12/2021 13:42	-1.3	3.5
28/12/2021 13:48	-1.3	3.5
28/12/2021 13:54	-1.3	3.5
28/12/2021 14:00	-1.3	3.5
28/12/2021 14:06	-1.2	3.5
28/12/2021 14:12	-1.2	3.5
28/12/2021 14:18	-1.2	3.5
28/12/2021 14:24	-1.2	3.5
28/12/2021 14:30	-1.2	3.5
28/12/2021 14:36	-1.2	3.5
28/12/2021 14:42	-1.2	3.5
28/12/2021 14:48	-1.2	3.5
28/12/2021 14:54	-1.2	3.5
28/12/2021 15:00	-1.2	3.5
28/12/2021 15:06	-1.2	3.5
28/12/2021 15:12	-1.2	3.5
28/12/2021 15:18	-1.2	3.5
28/12/2021 15:24	-1.2	3.5

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28/12/2021 15:30	-1.2	3.5
28/12/2021 15:36	-1.2	3.5
28/12/2021 15:42	-1.2	3.5
28/12/2021 15:48	-1.2	3.5
28/12/2021 15:54	-1.2	3.5
28/12/2021 16:00	-1.2	3.5
28/12/2021 16:06	-1.2	3.5
28/12/2021 16:12	-1.2	3.5
28/12/2021 16:18	-1.2	3.5
28/12/2021 16:24	-1.2	3.5
28/12/2021 16:30	-1.2	3.5
28/12/2021 16:36	-1.2	3.5
28/12/2021 16:42	-1.2	3.6
28/12/2021 16:48	-1.2	3.6
28/12/2021 16:54	-1.2	3.6
28/12/2021 17:00	-1.2	3.6
28/12/2021 17:06	-1.2	3.6
28/12/2021 17:12	-1.2	3.5
28/12/2021 17:18	-1.2	3.5
28/12/2021 17:24	-1.2	3.6
28/12/2021 17:30	-1.2	3.5
28/12/2021 17:36	-1.2	3.5
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28/12/2021 18:06	-1.2	3.5
28/12/2021 18:12	-1.2	3.5
28/12/2021 18:18	-1.2	3.5
28/12/2021 18:24	-1.2	3.5
28/12/2021 18:30	-1.2	3.5
28/12/2021 18:36	-1.2	3.5
28/12/2021 18:42	-1.2	3.5
28/12/2021 18:48	-1.2	3.5
28/12/2021 18:54	-1.2	3.5
28/12/2021 19:00	-1.2	3.5
28/12/2021 19:06	-1.2	3.5
28/12/2021 19:12	-1.2	3.5
28/12/2021 19:18	-1.2	3.5
28/12/2021 19:24	-1.2	3.5

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28/12/2021 19:36	-1.2	3.5
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28/12/2021 19:48	-1.2	3.5
28/12/2021 19:54	-1.2	3.5
28/12/2021 20:00	-1.2	3.5
28/12/2021 20:06	-1.2	3.6
28/12/2021 20:12	-1.2	3.5
28/12/2021 20:18	-1.2	3.6
28/12/2021 20:24	-1.2	3.6
28/12/2021 20:30	-1.2	3.6
28/12/2021 20:36	-1.2	3.6
28/12/2021 20:42	-1.2	3.6
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28/12/2021 21:06	-1.2	3.6
28/12/2021 21:12	-1.2	3.6
28/12/2021 21:18	-1.2	3.6
28/12/2021 21:24	-1.2	3.6
28/12/2021 21:30	-1.2	3.6
28/12/2021 21:36	-1.2	3.6
28/12/2021 21:42	-1.2	3.6
28/12/2021 21:48	-1.2	3.6
28/12/2021 21:54	-1.2	3.6
28/12/2021 22:00	-1.2	3.5
28/12/2021 22:06	-1.2	3.5
28/12/2021 22:12	-1.2	3.5
28/12/2021 22:18	-1.2	3.5
28/12/2021 22:24	-1.2	3.5
28/12/2021 22:30	-1.2	3.5
28/12/2021 22:36	-1.2	3.6
28/12/2021 22:42	-1.2	3.6
28/12/2021 22:48	-1.2	3.6
28/12/2021 22:54	-1.2	3.5
28/12/2021 23:00	-1.2	3.5
28/12/2021 23:06	-1.2	3.6
28/12/2021 23:12	-1.2	3.8
28/12/2021 23:18	-1.2	3.8
28/12/2021 23:24	-1.2	3.8

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Date & Time	PE 1	PE 4
	%	%
28/12/2021 23:30	-1.2	3.8
28/12/2021 23:36	-1.2	3.8
28/12/2021 23:42	-1.2	3.8
28/12/2021 23:48	-1.2	3.8
28/12/2021 23:54	-1.2	3.8
29/12/2021 00:00	-1.2	3.8
29/12/2021 00:06	-1.2	3.8
29/12/2021 00:12	-1.3	3.9
29/12/2021 00:18	-1.3	3.9
29/12/2021 00:24	-1.3	3.9
29/12/2021 00:30	-1.3	3.9
29/12/2021 00:36	-1.3	3.9
29/12/2021 00:42	-1.3	3.9
29/12/2021 00:48	-1.3	3.9
29/12/2021 00:54	-1.3	4
29/12/2021 01:00	-1.3	3.9
29/12/2021 01:06	-1.3	3.9
29/12/2021 01:12	-1.3	3.9
29/12/2021 01:18	-1.3	3.9
29/12/2021 01:24	-1.3	3.9
29/12/2021 01:30	-1.3	3.7
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29/12/2021 01:48	-1.3	3.8
29/12/2021 01:54	-1.3	3.8
29/12/2021 02:00	-1.3	3.8
29/12/2021 02:06	-1.3	3.8
29/12/2021 02:12	-1.3	4.1
29/12/2021 02:18	-1.3	4.2
29/12/2021 02:24	-1.3	4.1
29/12/2021 02:30	-1.3	4.1
29/12/2021 02:36	-1.4	4.1
29/12/2021 02:42	-1.4	4
29/12/2021 02:48	-1.4	4
29/12/2021 02:54	-1.4	4.1
29/12/2021 03:00	-1.4	4.1
29/12/2021 03:06	-1.4	4.1
29/12/2021 03:12	-1.4	4.1
29/12/2021 03:18	-1.4	4.1
29/12/2021 03:24	-1.3	4



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Date & Time	PE 1	PE 4
	%	%
29/12/2021 03:30	-1.3	4
29/12/2021 03:36	-1.3	4
29/12/2021 03:42	-1.3	4
29/12/2021 03:48	-1.3	4
29/12/2021 03:54	-1.3	4
29/12/2021 04:00	-1.3	4
29/12/2021 04:06	-1.3	4
29/12/2021 04:12	-1.3	3.9
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29/12/2021 06:54	-1.3	3.9
29/12/2021 07:00	-1.3	3.9
29/12/2021 07:06	-1.3	4
29/12/2021 07:12	-1.3	4
29/12/2021 07:18	-1.3	3.9
29/12/2021 07:24	-1.3	3.9

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All Opacity Data

Date & Time	PE 1	PE 4
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29/12/2021 07:30	-1.3	3.9
29/12/2021 07:36	-1.3	3.9
29/12/2021 07:42	-1.3	4
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29/12/2021 07:54	-1.3	4
29/12/2021 08:00	-1.3	4
29/12/2021 08:06	-1.3	4
29/12/2021 08:12	-1.3	4.6
29/12/2021 08:18	-1.3	5.1
29/12/2021 08:24	-1.3	5.1
29/12/2021 08:30	-1.3	5.1
29/12/2021 08:36	-1.3	5
29/12/2021 08:42	-1.3	5
29/12/2021 08:48	-1.3	5
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29/12/2021 09:00	-1.3	3.8
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29/12/2021 20:36	-1.3	3.9
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**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
29/12/2021 23:30	-1.3	3.9
29/12/2021 23:36	-1.3	3.9
29/12/2021 23:42	-1.3	3.9
29/12/2021 23:48	-1.3	3.9
29/12/2021 23:54	-1.3	3.8
30/12/2021 00:00	-1.3	3.8
30/12/2021 00:06	-1.3	3.9
30/12/2021 00:12	-1.3	3.9
30/12/2021 00:18	-1.3	3.9
30/12/2021 00:24	-1.3	3.9
30/12/2021 00:30	-1.3	3.9
30/12/2021 00:36	-1.3	3.9
30/12/2021 00:42	-1.3	3.9
30/12/2021 00:48	-1.3	3.9
30/12/2021 00:54	-1.3	3.8
30/12/2021 01:00	-1.3	3.8
30/12/2021 01:06	-1.3	3.8
30/12/2021 01:12	-1.3	3.8
30/12/2021 01:18	-1.3	3.8
30/12/2021 01:24	-1.2	3.9
30/12/2021 01:30	-1.2	3.9
30/12/2021 01:36	-1.2	3.9
30/12/2021 01:42	-1.2	3.9
30/12/2021 01:48	-1.2	3.9
30/12/2021 01:54	-1.2	3.9
30/12/2021 02:00	-1.3	3.9
30/12/2021 02:06	-1.2	4
30/12/2021 02:12	-1.2	4
30/12/2021 02:18	-1.2	4
30/12/2021 02:24	-1.2	3.9
30/12/2021 02:30	-1.2	3.9
30/12/2021 02:36	-1.2	4
30/12/2021 02:42	-1.2	3.9
30/12/2021 02:48	-1.2	4
30/12/2021 02:54	-1.2	4
30/12/2021 03:00	-1.2	3.9
30/12/2021 03:06	-1.2	3.9
30/12/2021 03:12	-1.2	4
30/12/2021 03:18	-1.2	4
30/12/2021 03:24	-1.2	4

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/12/2021 03:30	-1.2	3.9
30/12/2021 03:36	-1.2	3.9
30/12/2021 03:42	-1.2	3.8
30/12/2021 03:48	-1.2	3.9
30/12/2021 03:54	-1.2	3.9
30/12/2021 04:00	-1.2	3.8
30/12/2021 04:06	-1.2	3.8
30/12/2021 04:12	-1.2	3.8
30/12/2021 04:18	-1.2	3.8
30/12/2021 04:24	-1.2	3.8
30/12/2021 04:30	-1.2	3.8
30/12/2021 04:36	-1.2	3.8
30/12/2021 04:42	-1.2	3.8
30/12/2021 04:48	-1.2	3.8
30/12/2021 04:54	-1.2	3.9
30/12/2021 05:00	-1.2	3.9
30/12/2021 05:06	-1.2	3.9
30/12/2021 05:12	-1.2	3.9
30/12/2021 05:18	-1.2	3.9
30/12/2021 05:24	-1.2	3.9
30/12/2021 05:30	-1.2	3.8
30/12/2021 05:36	-1.2	3.8
30/12/2021 05:42	-1.2	3.8
30/12/2021 05:48	-1.2	3.8
30/12/2021 05:54	-1.2	3.8
30/12/2021 06:00	-1.2	3.8
30/12/2021 06:06	-1.2	3.9
30/12/2021 06:12	-1.2	3.8
30/12/2021 06:18	-1.2	3.8
30/12/2021 06:24	-1.2	3.7
30/12/2021 06:30	-1.2	4
30/12/2021 06:36	-1.2	4
30/12/2021 06:42	-1.2	3.9
30/12/2021 06:48	-1.2	3.8
30/12/2021 06:54	-1.2	3.8
30/12/2021 07:00	-1.2	3.8
30/12/2021 07:06	-1.2	3.8
30/12/2021 07:12	-1.2	3.8
30/12/2021 07:18	-1.2	3.8
30/12/2021 07:24	-1.2	3.8

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/12/2021 07:30	-1.2	3.8
30/12/2021 07:36	-1.2	3.8
30/12/2021 07:42	-1.2	3.8
30/12/2021 07:48	-1.2	3.8
30/12/2021 07:54	-1.2	3.8
30/12/2021 08:00	-1.2	3.8
30/12/2021 08:06	-1.2	3.8
30/12/2021 08:12	-1.2	3.8
30/12/2021 08:18	-1.2	3.8
30/12/2021 08:24	-1.2	3.8
30/12/2021 08:30	-1.2	3.7
30/12/2021 08:36	-1.2	3.7
30/12/2021 08:42	-1.2	3.7
30/12/2021 08:48	-1.2	3.8
30/12/2021 08:54	-1.2	3.8
30/12/2021 09:00	-1.2	3.8
30/12/2021 09:06	-1.2	3.7
30/12/2021 09:12	-1.2	3.7
30/12/2021 09:18	-1.2	3.7
30/12/2021 09:24	-1.2	3.8
30/12/2021 09:30	-1.2	3.8
30/12/2021 09:36	-1.2	3.8
30/12/2021 09:42	-1.2	3.8
30/12/2021 09:48	-1.2	3.8
30/12/2021 09:54	-1.2	3.8
30/12/2021 10:00	-1.2	3.8
30/12/2021 10:06	-1.2	3.8
30/12/2021 10:12	-1.2	3.7
30/12/2021 10:18	-1.2	3.7
30/12/2021 10:24	-1.2	3.7
30/12/2021 10:30	-1.2	3.7
30/12/2021 10:36	-1.2	3.7
30/12/2021 10:42	-1.2	3.7
30/12/2021 10:48	-1.2	3.6
30/12/2021 10:54	-1.2	3.6
30/12/2021 11:00	-1.2	3.6
30/12/2021 11:06	-1.2	3.6
30/12/2021 11:12	-1.2	3.6
30/12/2021 11:18	-1.2	3.6
30/12/2021 11:24	-1.2	3.6



## 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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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/12/2021 11:30	-1.2	3.6
30/12/2021 11:36	-1.2	3.6
30/12/2021 11:42	-1.2	3.6
30/12/2021 11:48	-1.2	3.6
30/12/2021 11:54	-1.2	3.6
30/12/2021 12:00	-1.2	3.6
30/12/2021 12:06	-1.3	3.6
30/12/2021 12:12	-1.3	3.6
30/12/2021 12:18	-1.3	3.6
30/12/2021 12:24	-1.1	3.6
30/12/2021 12:30	-1	3.6
30/12/2021 12:36	-1	3.6
30/12/2021 12:42	-1.1	3.7
30/12/2021 12:48	-1.1	3.7
30/12/2021 12:54	4.1	3.7
30/12/2021 13:00	13.4	3.7
30/12/2021 13:06	12.5	3.8
30/12/2021 13:12	4.8	3.8
30/12/2021 13:18	2.2	3.7
30/12/2021 13:24	-0.3	3.7
30/12/2021 13:30	-1	3.7
30/12/2021 13:36	-1.1	3.7
30/12/2021 13:42	-1.2	3.7
30/12/2021 13:48	-1.2	3.7
30/12/2021 13:54	-1.2	3.7
30/12/2021 14:00	-1.3	3.7
30/12/2021 14:06	-1.3	3.7
30/12/2021 14:12	-1.3	3.7
30/12/2021 14:18	-1.3	3.7
30/12/2021 14:24	-1.3	3.7
30/12/2021 14:30	-1.3	3.7
30/12/2021 14:36	-1.3	3.7
30/12/2021 14:42	-1.3	3.6
30/12/2021 14:48	-1.3	3.7
30/12/2021 14:54	-1.3	3.7
30/12/2021 15:00	-1.3	3.7
30/12/2021 15:06	-1.3	3.7
30/12/2021 15:12	-1.3	3.7
30/12/2021 15:18	-1.3	3.6
30/12/2021 15:24	-1.3	3.6

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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 4
	%	%
30/12/2021 15:30	-1.3	3.6
30/12/2021 15:36	0.1	3.6
30/12/2021 15:42	6.3	3.4
30/12/2021 15:48	6	2.6
30/12/2021 15:54	2.5	2
30/12/2021 16:00	1.1	2
30/12/2021 16:06	0.2	2
30/12/2021 16:12	0.1	2
30/12/2021 16:18	-0.1	2
30/12/2021 16:24	-0.2	2
30/12/2021 16:30	-0.1	2
30/12/2021 16:36	-0.2	2
30/12/2021 16:42	-0.4	2
30/12/2021 16:48	-0.4	2
30/12/2021 16:54	-0.5	2
30/12/2021 17:00	-0.5	2
30/12/2021 17:06	-0.5	2
30/12/2021 17:12	-0.5	2
30/12/2021 17:18	-0.5	2
30/12/2021 17:24	-0.5	2
30/12/2021 17:30	-0.5	1.9
30/12/2021 17:36	-0.5	1.9
30/12/2021 17:42	-0.5	2
30/12/2021 17:48	-0.5	2
30/12/2021 17:54	-0.4	2
30/12/2021 18:00	-0.4	2
30/12/2021 18:06	-0.4	2
30/12/2021 18:12	-0.4	2
30/12/2021 18:18	-0.4	2
30/12/2021 18:24	-0.4	2
30/12/2021 18:30	-0.3	2
30/12/2021 18:36	-0.3	2
30/12/2021 18:42	-0.3	2
30/12/2021 18:48	-0.3	2
30/12/2021 18:54	-0.3	2
30/12/2021 19:00	-0.3	2
30/12/2021 19:06	-0.3	2
30/12/2021 19:12	-0.5	2
30/12/2021 19:18	-0.6	2
30/12/2021 19:24	-0.6	2

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/12/2021 19:30	-0.6	2
30/12/2021 19:36	-0.6	2
30/12/2021 19:42	-0.6	2
30/12/2021 19:48	-0.6	2
30/12/2021 19:54	-0.6	2
30/12/2021 20:00	-0.7	2
30/12/2021 20:06	-0.7	2
30/12/2021 20:12	-0.5	2
30/12/2021 20:18	-0.4	2
30/12/2021 20:24	-0.6	1.9
30/12/2021 20:30	-0.6	1.9
30/12/2021 20:36	-0.6	2
30/12/2021 20:42	-0.6	2
30/12/2021 20:48	-0.6	1.9
30/12/2021 20:54	-0.6	1.9
30/12/2021 21:00	-0.5	2
30/12/2021 21:06	-0.6	2
30/12/2021 21:12	-0.6	2
30/12/2021 21:18	-0.6	2
30/12/2021 21:24	-0.6	2
30/12/2021 21:30	-0.5	2
30/12/2021 21:36	-0.5	2
30/12/2021 21:42	-0.5	2
30/12/2021 21:48	-0.5	2
30/12/2021 21:54	-0.5	2
30/12/2021 22:00	-0.6	2
30/12/2021 22:06	-0.6	2
30/12/2021 22:12	-0.4	2
30/12/2021 22:18	-0.2	1.9
30/12/2021 22:24	-0.1	1.9
30/12/2021 22:30	-0.1	1.9
30/12/2021 22:36	-0.1	2
30/12/2021 22:42	-0.1	2
30/12/2021 22:48	-0.1	2
30/12/2021 22:54	-0.1	2
30/12/2021 23:00	-0.1	2
30/12/2021 23:06	-0.1	2
30/12/2021 23:12	-0.1	2
30/12/2021 23:18	-0.1	2
30/12/2021 23:24	-0.1	2.1

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
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**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
30/12/2021 23:30	-0.1	2.1
30/12/2021 23:36	-0.1	2.1
30/12/2021 23:42	-0.1	2.1
30/12/2021 23:48	-0.2	2.1
30/12/2021 23:54	-0.2	2.1
31/12/2021 00:00	-0.1	2.1
31/12/2021 00:06	-0.1	2.1
31/12/2021 00:12	-0.1	2.2
31/12/2021 00:18	-0.2	2.2
31/12/2021 00:24	-0.2	2.2
31/12/2021 00:30	-0.3	2.2
31/12/2021 00:36	-0.5	2.2
31/12/2021 00:42	-0.5	2.2
31/12/2021 00:48	-0.5	2.2
31/12/2021 00:54	-0.5	2.2
31/12/2021 01:00	-0.5	2.2
31/12/2021 01:06	-0.5	2.2
31/12/2021 01:12	-0.5	2.2
31/12/2021 01:18	-0.5	2.2
31/12/2021 01:24	-0.5	2.2
31/12/2021 01:30	-0.5	2.2
31/12/2021 01:36	-0.5	2.2
31/12/2021 01:42	-0.5	2.2
31/12/2021 01:48	-0.5	2.2
31/12/2021 01:54	-0.4	2.2
31/12/2021 02:00	-0.5	2.2
31/12/2021 02:06	-0.5	2.2
31/12/2021 02:12	-0.5	2.2
31/12/2021 02:18	-0.5	7.4
31/12/2021 02:24	-0.7	10.5
31/12/2021 02:30	-1	6.1
31/12/2021 02:36	-1.3	4.3
31/12/2021 02:42	-1.3	3.9
31/12/2021 02:48	-1.3	3.8
31/12/2021 02:54	-1.3	3.7
31/12/2021 03:00	-1.4	3.7
31/12/2021 03:06	-1.3	3.6
31/12/2021 03:12	-1.3	3.7
31/12/2021 03:18	-1.3	3.7
31/12/2021 03:24	-1.3	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
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All Opacity Data

Date & Time	PE 1	PE 4
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31/12/2021 03:30	-1.3	3.7
31/12/2021 03:36	-1.3	3.7
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31/12/2021 04:18	-1.3	3.9
31/12/2021 04:24	-1.3	3.8
31/12/2021 04:30	-1.3	3.8
31/12/2021 04:36	-1.3	3.8
31/12/2021 04:42	-1.3	3.8
31/12/2021 04:48	-1.2	3.8
31/12/2021 04:54	-1.2	3.9
31/12/2021 05:00	-1.2	3.8
31/12/2021 05:06	-1.3	3.8
31/12/2021 05:12	-1.3	3.8
31/12/2021 05:18	-1.3	3.8
31/12/2021 05:24	-1.3	3.8
31/12/2021 05:30	-1.2	3.8
31/12/2021 05:36	-1.2	3.8
31/12/2021 05:42	-1.3	3.8
31/12/2021 05:48	-1.3	3.8
31/12/2021 05:54	-1.3	3.8
31/12/2021 06:00	-1.2	3.8
31/12/2021 06:06	-1.2	3.8
31/12/2021 06:12	-1.3	3.7
31/12/2021 06:18	-1.2	3.7
31/12/2021 06:24	-1.2	3.8
31/12/2021 06:30	-1.3	3.8
31/12/2021 06:36	-1.2	3.7
31/12/2021 06:42	-1.2	3.7
31/12/2021 06:48	-1.2	3.7
31/12/2021 06:54	-1.2	3.8
31/12/2021 07:00	-1.2	3.8
31/12/2021 07:06	-1.2	3.8
31/12/2021 07:12	-1.2	3.8
31/12/2021 07:18	-1.2	3.7
31/12/2021 07:24	-1.2	3.7

## Opacity Data Summary Report

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 New York, NY 10031  
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All Opacity Data

Date & Time	PE 1	PE 4
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31/12/2021 07:30	-1.2	3.8
31/12/2021 07:36	-1.2	3.8
31/12/2021 07:42	-1.2	3.8
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31/12/2021 07:54	-1.2	3.8
31/12/2021 08:00	-1.2	3.9
31/12/2021 08:06	-1.2	3.9
31/12/2021 08:12	-1.2	3.9
31/12/2021 08:18	-1.2	4
31/12/2021 08:24	-1.2	4
31/12/2021 08:30	-1.2	3.9
31/12/2021 08:36	-1.2	3.9
31/12/2021 08:42	-1.2	3.9
31/12/2021 08:48	-1.2	3.8
31/12/2021 08:54	-1.2	3.8
31/12/2021 09:00	-1.2	3.8
31/12/2021 09:06	-1.2	4.6
31/12/2021 09:12	-1.2	4.5
31/12/2021 09:18	-1.2	3.8
31/12/2021 09:24	-1.2	3.7
31/12/2021 09:30	-1.2	3.8
31/12/2021 09:36	-1.2	3.8
31/12/2021 09:42	-1.2	3.9
31/12/2021 09:48	-1.2	3.9
31/12/2021 09:54	-1.2	3.9
31/12/2021 10:00	-1.2	3.9
31/12/2021 10:06	-1.2	3.9
31/12/2021 10:12	-1.2	3.7
31/12/2021 10:18	-1.2	3.6
31/12/2021 10:24	-1.2	3.7
31/12/2021 10:30	-1.2	3.7
31/12/2021 10:36	-1.2	3.7
31/12/2021 10:42	-1.2	3.7
31/12/2021 10:48	-1.2	3.7
31/12/2021 10:54	-1.2	3.6
31/12/2021 11:00	-1.2	3.6
31/12/2021 11:06	-1.2	3.7
31/12/2021 11:12	-1.2	3.7
31/12/2021 11:18	-1.1	3.7
31/12/2021 11:24	-1.1	3.8

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All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/12/2021 11:30	-1.1	3.8
31/12/2021 11:36	-1.1	3.8
31/12/2021 11:42	-1.1	3.8
31/12/2021 11:48	-1.1	3.9
31/12/2021 11:54	-1.1	3.8
31/12/2021 12:00	-1.1	3.8
31/12/2021 12:06	-1.2	3.7
31/12/2021 12:12	-1.2	3.7
31/12/2021 12:18	-1.2	3.7
31/12/2021 12:24	-1.2	3.7
31/12/2021 12:30	-1.2	3.8
31/12/2021 12:36	-1.2	3.8
31/12/2021 12:42	-1.2	3.7
31/12/2021 12:48	-1.2	3.7
31/12/2021 12:54	-1.2	3.7
31/12/2021 13:00	-1.2	3.8
31/12/2021 13:06	-1.2	3.8
31/12/2021 13:12	-1.2	3.9
31/12/2021 13:18	-1.2	4
31/12/2021 13:24	-1.2	3.9
31/12/2021 13:30	-1.2	3.9
31/12/2021 13:36	-1.2	3.8
31/12/2021 13:42	-1.2	3.8
31/12/2021 13:48	-1.2	3.8
31/12/2021 13:54	-1.2	3.7
31/12/2021 14:00	-1.2	3.7
31/12/2021 14:06	-1.2	3.8
31/12/2021 14:12	-1.2	3.8
31/12/2021 14:18	-1.2	3.7
31/12/2021 14:24	-1.2	3.7
31/12/2021 14:30	-1.2	3.7
31/12/2021 14:36	-1.2	3.7
31/12/2021 14:42	-1.2	3.6
31/12/2021 14:48	-1.2	3.6
31/12/2021 14:54	-1.2	3.6
31/12/2021 15:00	-1.2	3.6
31/12/2021 15:06	-1.2	3.6
31/12/2021 15:12	-1.2	3.6
31/12/2021 15:18	-1.2	3.7
31/12/2021 15:24	-1.2	3.7

## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/12/2021 15:30	-1.2	3.6
31/12/2021 15:36	-1.2	3.6
31/12/2021 15:42	-1.2	3.6
31/12/2021 15:48	-1.2	3.6
31/12/2021 15:54	-1.2	3.7
31/12/2021 16:00	-1.2	3.7
31/12/2021 16:06	-1.2	3.7
31/12/2021 16:12	-1.3	3.7
31/12/2021 16:18	-1.3	3.7
31/12/2021 16:24	-1.2	3.7
31/12/2021 16:30	-1.3	3.7
31/12/2021 16:36	-1.3	3.8
31/12/2021 16:42	-1.3	3.7
31/12/2021 16:48	-1.3	3.8
31/12/2021 16:54	-1.2	3.8
31/12/2021 17:00	-1.2	3.8
31/12/2021 17:06	-1.2	3.9
31/12/2021 17:12	-1.2	3.9
31/12/2021 17:18	-1.2	3.8
31/12/2021 17:24	-1.2	3.8
31/12/2021 17:30	-1.3	3.8
31/12/2021 17:36	-1.2	3.8
31/12/2021 17:42	-1.2	3.8
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31/12/2021 18:30	-1.2	3.7
31/12/2021 18:36	-1.2	3.7
31/12/2021 18:42	-1.2	3.7
31/12/2021 18:48	-1.2	3.6
31/12/2021 18:54	-1.2	3.6
31/12/2021 19:00	-1.2	3.6
31/12/2021 19:06	-1.2	3.6
31/12/2021 19:12	-1.2	3.7
31/12/2021 19:18	-1.2	3.7
31/12/2021 19:24	-1.2	3.7



## Opacity Data Summary Report

**Company:** New York City D.E.P.  
 North River Wastewater Resource Recovery Facility  
 New York, NY 10031  
**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021



All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/12/2021 19:30	-1.2	3.7
31/12/2021 19:36	-1.2	3.7
31/12/2021 19:42	-1.2	3.7
31/12/2021 19:48	-1.2	3.8
31/12/2021 19:54	-1.2	3.8
31/12/2021 20:00	-1.2	3.8
31/12/2021 20:06	-1.2	3.7
31/12/2021 20:12	-1.2	3.7
31/12/2021 20:18	-1.2	3.7
31/12/2021 20:24	-1.2	3.7
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31/12/2021 22:06	-1.2	3.6
31/12/2021 22:12	-1.2	3.6
31/12/2021 22:18	-1.2	3.7
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31/12/2021 22:36	-1.2	3.7
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31/12/2021 22:54	-1.2	3.7
31/12/2021 23:00	-1.2	3.7
31/12/2021 23:06	-1.2	3.7
31/12/2021 23:12	-1.2	3.7
31/12/2021 23:18	-1.2	3.7
31/12/2021 23:24	-1.2	3.7

## Opacity Data Summary Report

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



**Data Group:** Valid Data  
**Report Name:** 4th Quarter 2021  
**Start of Report:** 10/1/2021  
**End of Report:** 12/31/2021

All Opacity Data

Date & Time	PE 1	PE 4
	%	%
31/12/2021 23:30	-1.2	3.7
31/12/2021 23:36	-1.2	3.7
31/12/2021 23:42	-1.2	3.7
31/12/2021 23:48	-1.2	3.7
31/12/2021 23:54	-1.2	3.7

Minimum	-2.0	1.4
MinDate	12/11/2021	10/21/2021
MinTime	10:54 PM	3:36 PM
Maximum	39.6	31.2
MaxDate	11/20/2021	11/27/2021
MaxTime	1:00 AM	10:18 AM
Avg	-0.3	3.3
Num	19792	20321
Data [% Valid]	89.6%	92.0%
Operations and Maintenance	0.1%	0.1%
Exceedances	8	8

**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	9/20/2021			Serial Number:	22248563						
Monitor Pathlength, L1				in.				Emission Outlet Pathlength, L2			
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio:	1.000			
Actual Neutral: Density				Opacity %		Path Adjusted: Density				Opacity %	
Low Range				18.10		Low Range				18.10	
Mid Range				25.80		Mid Range				25.80	
High Range				44.60		High Range				44.60	
Run Number	Time/Date 9/20/2021	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent				
							Low	Mid	High		
1-Low	12:19		18.10	%	18.34	%	-0.24				
2-Mid	12:23		25.80	%	25.77	%		0.03			
3-High	12:27		44.60	%	44.78	%			-0.18		
4-Low	12:31		18.10	%	18.28	%	-0.18				
5-Mid	12:34		25.80	%	25.81	%		-0.01			
6-High	12:37		44.60	%	44.74	%			-0.14		
7-Low	12:40		18.10	%	18.28	%	-0.18				
8-Mid	12:43		25.80	%	25.84	%		-0.04			
9-High	12:46		44.60	%	44.85	%			-0.25		
10-Low	12:49		18.10	%	18.25	%	-0.15				
11-Mid	12:52		25.80	%	25.80	%		0.00			
12-High	12:55		44.60	%	44.77	%			-0.17		
13-Low	12:58		18.10	%	18.28	%	-0.18				
14-Mid	13:01		25.80	%	25.83	%		-0.03			
15-High	13:04		44.60	%	44.74	%			-0.14		
-											
Arithmetic Mean (Equation 1-2) X											
							X	0.186	0.01	0.176	
Confidence Coefficient (Equation 1-4) CC								0.041	0.034	0.056	
Calibration Error X + CC								0.227	0.044	0.232	

OPACITY-QUARTERLY  
CALIBRATION ERROR TEST

Person Conducting Test:		Rhine Almonacy		Analyzer Manufacturer:		AMETEK					
Company	New York City D.E.P.			Unit	PE4						
Date	9/20/2021			Serial Number:	22248863						
Monitor Pathlength, L1				in.				Emission Outlet Pathlength, L2			
Monitoring System Output Path Length Corrected?				No	X	No	Taper Ratio:	1.000			
Actual Neutral: Density				Opacity %		Path Adjusted: Density				Opacity %	
Low Range				18.10		Low Range				18.10	
Mid Range				25.80		Mid Range				25.80	
High Range				44.60		High Range				44.60	
Run Number	Time/Date 9/20/2021	Calibration filter Value (Path adjusted Percent Opacity)			Instrument Reading (Opacity), %		Arithmetic Difference (Opacity) percent				
							Low	Mid	High		
1-Low	11:11		18.10	%	17.80	%	0.30				
2-Mid	11:15		25.80	%	25.94	%		-0.14			
3-High	11:21		44.60	%	44.89	%			-0.29		
4-Low	11:25		18.10	%	18.10	%	0.00				
5-Mid	11:28		25.80	%	25.85	%		-0.05			
6-High	11:31		44.60	%	44.87	%			-0.27		
7-Low	11:34		2:24	%	18.09	%	0.01				
8-Mid	11:37		25.80	%	25.86	%		-0.06			
9-High	11:40		44.60	%	44.88	%			-0.28		
10-Low	11:43		18.10	%	18.11	%	-0.01				
11-Mid	11:46		25.80	%	25.88	%		-0.08			
12-High	11:49		44.60	%	44.90	%			-0.30		
13-Low	11:52		18.10	%	18.15	%	-0.05				
14-Mid	11:55		25.80	%	25.91	%		-0.11			
15-High	11:58		44.60	%	45.00	%			-0.4		
Arithmetic Mean (Equation 1-2) X											
							X				
Confidence Coefficient (Equation 1-4) CC											
Calibration Error X + CC											
							0.05	0.088	0.308		
							0.176	0.046	0.065		
							0.226	0.134	0.373		

**APPENDIX E**  
**WEEKLY MAINTENANCE**





**APPENDIX F**

**NEUTRAL DENSITY AUDIT FILTERS CERTIFICATION**





# CAL CHECK

11600 Black Horse Run, Raleigh, North Carolina 27613 Phone (919) 847-1898 FAX (919) 847-8005

## REPORT OF CERTIFICATION OF NEUTRAL DENSITY AUDIT FILTERS

Report prepared for: **Louis Berger Group**

Date of Filter Certification: **August 25, 2021**

Date of Filter Expiration: **August 24, 2022**

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	18.1	81.9	0.0869	18.0	0.1	± 0.5
ZH65	25.8	74.2	0.1295	25.6	0.2	± 0.5
ZH66	44.6	55.4	0.2564	44.5	0.1	± 0.5

**Table 1-2: Individual Filter Certification Data @ 525 nM**

Serial Number	Opacity Value (%)	Transmittance (%)	Optical Density
ZH64	18.3	81.7	0.0878
ZH65	26.2	73.8	0.1319
ZH66	45.2	54.8	0.2612

  
Eileen Rosenquest  
Instrument Operator

**\*\*See second page for Instrument Information and Details of Certification\*\***

*"Your Clear Choice for Opacity Monitor On-Stack Testing"*  
Visit us on the web at [www.calcheck.com](http://www.calcheck.com)



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# 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: 30-1505; 20-1505; 10-1505

Date of SRM Certification: 02/02/21 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

