



REGION 1

BOSTON, MA 02109

Clean Air Act Inspection Report

Report Date: June 2, 2025

I. Background

Inspection Date: May 22, 2025

Inspection Type: Partial Compliance Evaluation

EPA Inspector: Davianna Vasconcelos, Enforcement and Compliance Assurance Division, Air Compliance Section

**DAVIANNA
VASCONCELOS**

Digitally signed by DAVIANNA
VASCONCELOS
Date: 2025.06.02 15:07:11 -04'00'

EPA Reviewer: John Melcher, Senior Enforcement Coordinator, Air Compliance Section

JOHN MELCHER

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MELCHER
Date: 2025.06.04 10:08:20 -04'00'

Facility Name: Westside Wastewater Treatment Plant

ICIS Air ID#: CT0000000900109107

Facility Location: 205 Bostwick Avenue, Bridgeport, CT 06605

Mailing Address: 695 Sea View Avenue, Bridgeport CT 06607

Disclaimer:

Unless otherwise noted, this report describes conditions at the facility/property as observed by EPA inspector(s), and/or through records provided to and/or information reported to EPA inspector(s) by facility representatives and as understood by the inspector(s). This report may not capture all operations or activities ongoing at the time of the inspection. This report does not make final determinations on potential areas of concern. Nothing in this report affects EPA's authorities under federal statutes and regulations to pursue further investigation or action.

Inspection Attendees:

Name	Title	Organization
Davianna Vasconcelos	Environmental Engineer	EPA R1
John Marcin	Project Director	InfraMark, LLC
Lauren Mappa	General Manager	Water Pollution Control Authority Bridgeport
John Pereira	Head of Maintenance	InfraMark, LLC
Dan Gibran	Plant Electrician	InfraMark, LLC

Facility/Process Description:

The Westside Wastewater Treatment Facility (WWTF) processes combined stormwater and sewage wastewater for the Bridgeport area. The facility treats the wastewater using physical separation and biological treatment. The facility discharges treated effluent to the Long Island Sound.

WWTF is owned by the City of Bridgeport Water Pollution Control Authority Bridgeport (WPCA) and operated by InfraMark, LLC.

WWTF operates 24 hours a day, 7 days a week with no major shutdowns.

Potentially Applicable Federal Air Regulations:

The following federal air regulations may be applicable to the Facility:

- 40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
- 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
- 40 CFR 63 Subpart JJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

Previous Enforcement Actions:

A [Detailed Facility Report](#) from EPA's Enforcement and Compliance History Online database indicates that there have been no informal or formal Clean Air Act enforcement actions taken by EPA against Westside Wastewater Treatment Plant with respect to this facility in the past ten years.

II. Inspection

EPA inspector Davianna Vasconcelos coordinated the inspection with John Marcin, of InfraMark.

Ms. Vasconcelos arrived at the facility at approximately 9:30 a.m.

A. Opening Conference:

Ms. Vasconcelos met Mr. Marcin in the parking lot of the facility and followed him into the main building conference room where she met Lauren Mappa, of WPCA, Dan Gibran, of InfraMark, and John Pereira, of InfraMark. Ms. Vasconcelos presented her credential and explained the purpose of the inspection was to conduct a partial compliance evaluation in compliance with the Clean Air Act. Mr. Marcin said that

InfraMark is contracted to operate the facility. Facility representatives provided the information described in the Facility/Process Description, above. Ms. Mappa said the contract between WPCA and InfraMark was signed in January 2024 and expires in June 2035.

Facility representatives did not know the facility's North American Industry Classification System (NAICS) code and said they would try to find it following the inspection.

Mr. Marcin confirmed the facility has two generators, three boilers, and one hot water heater. Mr. Pereira said that one of the boilers has been decommissioned and the facility plans to replace the boiler within the next year.

Mr. Marcin said there was no history of non-compliance in respect to these emission sources. Mr. Marcin said there was no complaints of odor in respect to these emission sources in the last 12 months.

Mr. Marcin said the generators do not have an operation schedule and are tested regularly. Mr. Marcin said the generators are only used as needed and do not participate in a demand response program. Facility representatives said that the generators previously participated in a demand response program but were removed from the program approximately 10 years ago.

B. Facility Tour

At approximately 10:00 a.m., facility representatives led Ms. Vasconcelos on the facility tour.

1. Control Building

Facility representatives led Ms. Vasconcelos to the Control Building boiler room. Ms. Vasconcelos inspected the Control Room Boiler and the Hot Water Heater. See Attachment 1 for boiler and hot water heater information. Mr. Pereira said the hot water tank was installed in 2018. Ms. Vasconcelos observed the tank of the hot water heater had the following written notes on the tank including, but not limited to, the following:

- Tank installed 8/13/2018
- Replaced thermocouple 1/28/2021
- Tank flushed and T&P Relief 9/8/2021

2. Main Pump Building

At approximately 10:15 a.m., facility representatives led Ms. Vasconcelos to the Main Pump Building boiler room. Ms. Vasconcelos inspected the Main Pump Boiler. See Attachment A for boiler information. Ms. Vasconcelos observed the boiler had the following written note on the outside housing including, but not limited to, "Tested 10/4/2019."

3. Generators

At approximately 10:25 a.m., facility representatives led Ms. Vasconcelos to the generators. Ms. Vasconcelos inspected the two generators. See Attachment A for engine information. Mr. Pereira said the generators use heating diesel.

4. De-gritting Building

At approximately 10:45 a.m., facility representatives led Ms. Vasconcelos to the De-gritting Building. Ms. Vasconcelos inspected the decommissioned boiler. See Attachment A for boiler information.

C. Closing Conference

At approximately 11:00 a.m., Ms. Mappa and Mr. Marcin led Ms. Vasconcelos back to the facility conference room and Ms. Vasconcelos initiated a closing conference.

Ms. Vasconcelos asked for facility representatives to provide the facility's NAICS code if they find it. Ms. Vasconcelos asked for facility representatives to send a copy of a recent diesel fuel receipt to confirm diesel type. Ms. Vasconcelos provided the facility representatives with general compliance assistance including the Potentially Applicable Federal Air Regulations listed above.

Ms. Marra and Mr. Marcin said no Confidential Business Information (CBI) was discussed during the inspection.

Ms. Vasconcelos departed the facility at approximately 11:20 a.m.

Attachment A: Emission Source Information

<u>Generator Information</u>		
ID / Name	#1	#2
Location (Building)	Generator Housing	
Manufacturer	Caterpillar	Caterpillar
Model #	unknown	unknown
Serial #	25Z04032	25Z04034
Manufacture Date	unknown	unknown
Installation Date	1994	1994
Max Capacity (units, hp, kW)	2168 hp	2168 hp
Hour meter (Y/N; if Y, meter type & # of hrs)	Y – physical – 461.2	Y – physical – 389.4
Fuel Type	diesel	diesel
Purpose	Entire plant – both generators come online when needed; if one of the generators does not come online, the other will carry the load of the whole plant	
Emergency Use (Y/N)	Y	Y
Demand-Response (Y/N)	N	N
Annual Maintenance	Y – in-house	Y – in-house
Date last tested (if at all)	Tested monthly (manual)	Tested monthly (manual)

<u>Boiler Information</u>			
ID / Name	Control Building Boiler	Main Pump Boiler	De-gritter Boiler (decommissioned)
Location (Building)	Control Building	Main Pump Building	De-gritter Building
Manufacturer	Bryan	Smith Cast Iron	Bryan
Model #	RV600-W-FDG-WLX-KD-4	28A-9	RV200-W-FDG-WLX
Serial #	75271	28A-9-090272	75285
Fuel Type	Natural Gas	Natural Gas	Natural Gas
Manufacture Date	1994		1994
Installation Date	1994	2015	
Rating	4800 MBH	2,232,000 Btu/hr	1600 MBH
Purpose	Heating	Heating	Heating

<u>Hot Water Heater Information</u>	
ID / Name	Control Building Hot Water Heater
Location (Building)	Control Building
Manufacturer	Rheem
Model #	PRO+G75-76N RH
Serial #	Q161836487
Fuel Type	Natural Gas
Manufacture Date	04/2018
Installation Date	2018
Rating	75,000 BTUH
Purpose	Domestic Hot Water