



Resource Conservation and Recovery Act (RCRA)
Compliance Evaluation Inspection

Facility Name: Sartorius Stedim Filters Inc.

Note, the inspection included a site visit to Demaco Terminal Operations, Corp.

Facility Address: Sartorius Stedim Filters Inc., Rd 128 Int 368, Yauco, PR 00698
Demaco Terminal Operations Corp., RD 127, KM 13.5, Guaynailla, PR 00656

Latitude & Longitude: 18.034397, -66.860736 (Sartorius Stedim Filters Inc.)
18.002702, -66.756997 (Demaco Terminal Operations Corp.)

Basis for Inspection: Core Program

Potential EJ Concerns: Yes. (See Appendix C)

Potential Flood-Prone Area: Yes. (See Appendix D)

Federal Facility: No

ICIS & other Program ID Codes:

FRS Sartorius Stedim Filters Inc.: 110000307855
Demaco Terminal Operations Corp: 110071453491

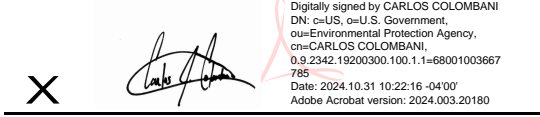
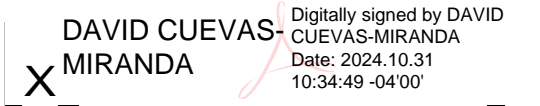
RCRA ECO Site: PRR000024596
Main Building: PRD049532807
Demaco Terminal Operations Corp.: PRR000028654

SIC and NAICS Codes: 3081: Unsupported Plastics Film and Sheet; 326113: Unlaminated Plastics Film and Sheet (Except Packaging) Manufacturing

Date of Inspection: October 9-10, 2024

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| Personnel participating in the inspection: | | | |
|--|---|----------------------------------|---|
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| Status: | Final | | |
| Record Schedule: | 1044(C) | | |
| EPA Inspector Signature/Date |  <p>Digitally signed by CARLOS COLOMBANI DN: s=US, o=U.S. Government, ou=Environmental Protection Agency, cn=CARLOS COLOMBANI, 0.9.2342.19200300.100.1.1=68001003667 785 Date: 2024.10.31 10:22:16 -04'00' Adobe Acrobat version: 2024.003.20180</p> <p>X Carlos Josue Colombani Enforcement Officer</p> | | |
| Supervisor Signature/Date |  <p>Digitally signed by DAVID CUEVAS-MIRANDA Date: 2024.10.31 10:34:49 -04'00'</p> <p>X DAVID CUEVAS MIRANDA David N. Cuevas Miranda, Ph.D.</p> | | |

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1 INTRODUCTION

On October 9-10, 2024, a Resource Conservation and Recovery Act (RCRA) Subtitle C Compliance Evaluation Inspection (CEI) was conducted at Sartorius Stedim Filters Inc. (the Facility), pursuant to Section 3007 of RCRA. As part of the inspection, an opening conference, walkthrough, document review and closing conference were conducted to evaluate the Facility's compliance with the requirements that govern hazardous waste generators, universal waste handlers and used oil generators, as applicable.

The Facility is located at Road 128 Bo Susua, Yauco, Puerto Rico, 00698. See aerial photograph (Figure 1) below for reference.



Figure 1: Overview of Sartorius Stedim Filters Inc. Aerial Photograph

The purpose of this inspection was to evaluate the Facility's compliance with the RCRA requirements for hazardous waste management, and to further understand the Audit Policy disclosure the Facility submitted in May of 2022. Based on EPA's RCRAInfo database, the Facility is listed as a large quantity generator (LQG) of hazardous waste and the last onsite inspection by EPA was conducted on April 24, 2023, as part of the RCRA Air Emissions National Compliance Initiative (NCI). The inspection conducted on October 9-10, 2024, was unannounced.

2 OPENING CONFERENCE

I met with Mr. Agustin O'Neill, Manager of Environmental Health & Safety (EHS), Mr. Nestor Morales, EHS Supervisor, Ms. Wendy Belmont, EHS Coordinator, Ms. Miosotis Gonzalez, EHS Specialist, and Mr. Rubin Muñiz, EHS Engineer for the opening conference. I identified myself as an EPA RCRA enforcement officer, told the Facility representatives the purpose of the inspection, and offered an opportunity to claim confidential business information (CBI).

I then proceeded to request documents that would be needed to complete the compliance evaluation. These were the following:

- Hazardous waste manifests;
- Land disposal restrictions;
- RCRA personnel training;
- Contingency plan;
- Quick reference guide;
- Biennial report; and
- Central Accumulation Area weekly inspections logs.

I also explained the areas that required a visit to ensure compliance with the regulations. A plan was put in place to ensure these areas were inspected during the walkthrough.

2.1 FACILITY BACKGROUND AND OPERATION

Sartorius is a German global company that provides products and services for biopharmaceutical research and production, as well as laboratory applications. Sartorius Stedim Filters, Inc. has been operating in Yauco, Puerto Rico since 1983, where it initially began manufacturing membrane filters based on polyester in the membrane casting area.

Since 2012, it has also been manufacturing sterile single-use bags. In recent years, the Facility has expanded to meet the growing needs of their customers with the start of powder manufacturing, additional cleanroom space for the production of single-use products, additional space for membrane assembly, cell culture media growth, and purchased new casting machines for membrane production.

The Facility representatives reported that the plant currently employs approximately nine hundred (900) employees between three (3) shifts.

Sartorius's operation has moved completely to their main Yauco Campus, known as the ECO site. The land where the ECO Site operates is owned and operated by Sartorius Stedim Filters, Inc. Initially, the operations were conducted at the Main Building site, but this site is no longer in operation. Plans for proper closure are in process. While Sartorius was the operator at the Main Building, the land was leased from the Puerto Rico Industrial Development Company (PRIDCO).

2.2 SOLID AND HAZARDOUS WASTE GENERATION

Sartorius generates hazardous and nonhazardous wastes in every shift. Typically, the bulk of the hazardous waste is generated at the Separation Technology area, Fluid Management Technology area, Cell Media area, and the Membrane Casting area. The facility's main hazardous waste consists of Oldware (produced during membrane casting) containing isopropyl alcohol (IPA), 2-pyrrolidone, glycerin and water, and spent solvent IPA generated from the cleaning of filter manufacturing equipment.

There are approximately thirty (30) Satellite Accumulation Areas (SAAs) across the areas mentioned above. The Facility accumulates its hazardous and non-hazardous waste in a Central Accumulation Area (CAA). Majority of the hazardous waste generated is shipped under waste codes D001 (ignitable), D002 (corrosive), D003 (reactive), D010 (selenium), and F-listed spent halogenated and non-halogenated solvents. The Facility utilizes Veolia Environmental Services and Safety Kleen (as necessary) as their dedicated haulers.

As part of the Facility's expansion, a distillation unit was built to recover IPA and 2-pyrrolidone under a closed-loop process with the aim of reducing the hazardous waste that was being generated. The distillation unit took longer than it was anticipated to be completed, and as a result, approximately 650,000 gallons of Oldware were sent offsite between April 2021 and March 2022 to a chemical product storage facility. This facility is Demaco Terminal Operations, Corp. located at Road 127, KM 13.5, Guayanilla, Puerto Rico, 00656.

Although historically the Oldware was sent offsite for disposal as hazardous waste (D001, ignitable), the Facility sent it to the terminal as a byproduct (to be reclaimed once the distillation unit became operational). Subsequently, management changes within Sartorius initiated an external audit which determined that the Oldware may potentially be considered spent material and not a byproduct.

On or about May 2, 2022, Sartorius initiated a self-disclosure to address the abovementioned findings. Since Sartorius did not submit a certification of compliance within 60-days (July 1, 2022) of the disclosure, the eDisclosure system issued the Facility an ineligibility letter on or about July 2, 2022.

3 FACILITY WALKTHROUGH

The Facility walkthrough consisted of the ECO Site and the Demaco Terminal Operations, Corp. The Main Building was not visited given it is currently in the process of closing, and there are no longer any operations that generate hazardous waste there. Several Facility representatives accompanied me during the walkthrough (Day 1 and Day 2). These include Mr. Agustin O'Neill, Manager of Environmental Health & Safety (EHS), Mr. Nestor Morales, EHS Specialist, Ms. Wendy Belmont, EHS Coordinator, Ms. Miosotis Gonzalez, EHS Specialist, Mr. Rubin Muñiz, EHS Engineer, and Mr. Jose Arroyo, EHS Director. The following areas were visited:

- Gowning SAA;
- Separation Technology SAAs;
- CAA;

- Universal Waste storage area;
- Used Oil storage area; and
- Demaco Terminals Operations, Corp.

The observations for each area are described below.

3.1 SATELLITE ACCUMULATION AREAS (SAAs)

As mentioned above, the Gowning SAA and the Separation Technology SAAs were visited to evaluate compliance with the RCRA Regulations.

SAAs

At the time of the inspection, the SAAs listed above had the following hazardous waste:

- a 30-gallon drum of used rags at the Gowning SAA; and
- seven (7) 5-gallon buckets of used rags at the Separation Technology SAAs.

The hazardous waste drum and buckets at the SAAs that I visited were closed, properly labeled with the words “hazardous waste”, with an indication of the nature of the hazard, and at or near the point of generation. Also, throughout the SAAs, spill kits were readily available.

3.2 CENTRAL ACCUMULATION AREA (CAA)

CAA

At the time of the inspection, the CAA was accumulating the following hazardous waste:

| Hazardous Waste | Accumulation Start Date |
|--|---|
| <ul style="list-style-type: none"> • 4 55-gallon drums of oldware (IPA and 2-pyrrolidone) | <ul style="list-style-type: none"> • August 19, 2024; • September 24, 2024; • October 9, 2024; and • October 10, 2024 |
| <ul style="list-style-type: none"> • a 55-gallon drum of IPA 99% used | <ul style="list-style-type: none"> • September 30, 2024 |
| <ul style="list-style-type: none"> • a 55-gallon drum of solid membrane with IPA | <ul style="list-style-type: none"> • September 25, 2024 |
| <ul style="list-style-type: none"> • a 55-gallon drum of cartridges with IPA | <ul style="list-style-type: none"> • September 30, 2024 |
| <ul style="list-style-type: none"> • a 55-gallon drum of pads with IPA | <ul style="list-style-type: none"> • October 4, 2024 |
| <ul style="list-style-type: none"> • a 30-gallon drum of solid membrane with IPA | <ul style="list-style-type: none"> • September 25, 2024 |
| <ul style="list-style-type: none"> • 3 30-gallon drums of pads with IPA | <ul style="list-style-type: none"> • September 20, 2024; • September 20, 2024; and • October 1, 2024 |
| <ul style="list-style-type: none"> • a 30-gallon drum of empty aerosol cans | <ul style="list-style-type: none"> • September 20, 2024 |
| <ul style="list-style-type: none"> • a 30-gallon drum of pads with cyclohexane | <ul style="list-style-type: none"> • August 20, 2024 |

At the time of the inspection, the CAA had an inventory log to track the accumulation start dates. In addition, the hazardous waste drums were closed, properly labeled with the words “hazardous waste”, accumulation start dates, with an indication of the nature of the hazard, and were in good condition. There was adequate aisle space that allowed for a thorough inspection (See Appendix A, Photograph 1).

Spill kits and an eye washing station were available (See Appendix A, Photograph 2). Also, there were fire extinguishers throughout the Facility, an alarm system in place, fire suppression, telephone and radio at reach, and the emergency contact information was posted outside (See Appendix A, Photograph 3).

3.3 UNIVERSAL WASTE

Sartorius accumulates universal waste at the CAA. Typically, the universal waste generated by the Facility are used lamps and batteries. At the time of the inspection, the following universal waste was being accumulated:

| Universal Waste | Accumulation Start Date |
|---|--|
| <ul style="list-style-type: none">3 cardboard boxes of used lamps | <ul style="list-style-type: none">March 18, 2024;July 18, 2024; andOctober 4, 2024 |

The cardboard boxes were closed, properly labeled with the words “universal waste lamps” and accumulation start dates (See Appendix A, Photograph 4).

3.4 USED OIL

Sartorius accumulates its used oil for recycling at the CAA. At the time of the inspection, a 55-gallon drum of used oil properly labeled with the words “used oil” (See Appendix A, Photograph 5).

3.5 DEMACO TERMINAL OPERATIONS, CORP.

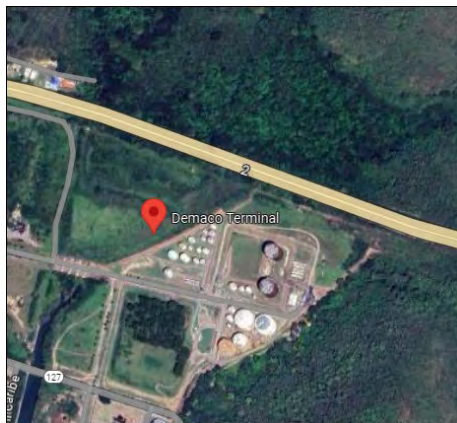


Figure 2: Overview of Demaco Terminal Operations Corp. Aerial Photograph

Demaco Terminal Operations, Corp. is a “terminal for hire”, meaning it receives, stores and dispatches chemical products for major petrochemical, pharmaceutical, and manufacturing companies, and it does not own the products being stored.

Ms. Tamara Echevarria, EHS Operations Coordinator and Mr. Luigi Dessy, Certified Welding Inspector both from Demaco Terminal Operations, Corp, and Mr. O’Neill, Mr. Arroyo, Mr. Morales, and Ms. Gonzalez from Sartorius Stedim Filters, Inc. were all present for the visual walkthrough.

On October 10, 2024, the Demaco Terminal Operations, Corp. facility with the following RCRA programmatic ID PRR000028654 was visited. The RCRA ID was requested by Sartorius on or about June of 2023, and it lists them as the owner and operator, with a generator category of a very small quantity generator. Based on RCRAInfo, there have been no hazardous waste shipments with their RCRA ID.

Ms. Echevarria and Mr. Dessy escorted us through the secured gates until we reached the tank farm area where the Oldware is being stored. The Oldware is currently stored in two aboveground storage tanks (ASTs). Tank # 603 has a rating capacity of 500,000 gallons, and Tank # 605 has a rating capacity of 520,000 gallons (See Appendix A, Photograph 6). Mr. Dessy stated that both ASTs were inspected and repaired prior to accepting the Oldware from Sartorius. The final reports pertaining the inspection and repair summary were provided for both ASTs.

As mentioned in Section 2.2, between April 2021 and March 2022, the terminal received approximately 650,000 gallons of Oldware for storage from Sartorius’ Yauco facility. Mr. Dessy stated that the tanks are regularly inspected by conducting visual walkthroughs (daily and weekly), and a thorough inspection programmed monthly.

Tank #603 is considered full, while Tank # 605 is partially full. Sartorius representatives stated that currently, the distillation unit at their Facility has the capacity to recycle the Oldware being stored at the terminal and that the process for the ~650,000 gallons could take around six to nine months to complete.

4 DOCUMENT REVIEW

During the inspection, I requested the documents listed under Section 2 of this report. Below are the observations noted after the document review was completed.

Weekly Inspections

Central Accumulation Area

The review was completed only for the ECO Site since the Main Building is not operating. The CAA is inspected on a weekly basis. This is completed by the Environmental Specialist at shift. The facility looks for leaking and deterioration of containers caused by corrosion or other factors, and that the drums are properly labeled.

Contingency Plan

The Contingency Plan revised in 2023 was provided onsite. The plan was submitted to local emergency response agencies. I verified that the plan describes the actions needed to respond to explosions, fires and/or releases of hazardous waste, that it identifies an emergency coordinator alongside a 24/7 emergency telephone number, that it lists emergency equipment with its location and capabilities, and that it includes an evacuation plan. The plan covers both the ECO Site and Main Building.

Quick Reference Guide

The Facility has a quick reference guide covering both the ECO Site and Main Building that includes a list, location and description of the hazardous waste generated at the site, the estimated maximum amount of each generated waste, access routes and locations, a facility map layout, location and capabilities of the emergency equipment, and the emergency coordinator contact information. The quick reference guide was not submitted to local response agencies. On October 22, 2024, Mr. O’Neill provided evidence (via email) that the quick reference guide was submitted to the appropriate local agencies.

Personnel Training

Annual personnel training was provided for staff associated with the hazardous waste management and operations of the Facility (for ECO Site and Main Building). The roster included the trainees name alongside their respective job title and department, and the completion training date. These records were provided for 2021, 2022, and 2023 as requested.

Manifests

The hazardous waste manifests had proper land disposal restriction notification forms based on the shipped waste codes, were dated, and signed by the designated facility, and were processed into EPA’s Hazardous Waste Electronic Manifest System (e-Manifest). For a list of hazardous waste shipped during calendar years 2021 through 2024, for the ECO Site and the Main Building, see Appendix B.

The following table summarizes the amount of non-acute and acute hazardous waste ECO Site and the Main Building have shipped by calendar year from 2021 through 2024.

| Manifest Year | Acute? | Amount of Waste (kg) |
|---------------|-----------|----------------------|
| 2021 | Non-Acute | 942,345 |
| 2022 | Non-Acute | 838,074 |
| 2023 | Acute | 0.5 |
| 2023 | Non-Acute | 35,650 |
| 2024 | Acute | 0.5 |
| 2024 | Non-Acute | 12,490 |

ECO Site

| Manifest Year | Acute? | Amount of Waste (kg) |
|---------------|-----------|----------------------|
| 2021 | Non-Acute | 553 |
| 2022 | Non-Acute | 558 |
| 2023 | Non-Acute | 19,3065 |
| 2024 | Non-Acute | 18,538 |

Main Building

Thus, based on the manifests reviewed for the past three years, and conversations with the Facility representatives, it appears that both ECO Site and the Main Building routinely generated more than 1,000 kilograms of non-acute hazardous waste. Consequently, they are correctly classified as an LQG.

The Facility ships its hazardous waste normally every three (3) weeks given the amount that is being generated.

Biennial Report

The Facility provided proof of the Biennial Report submissions. This was verified in RCRAInfo for the reporting cycle of calendar year 2023 (for the ECO Site and Main Building).

5 CLOSING CONFERENCE

On October 10, 2024, after completion of the walkthrough and onsite document review, I met with facility representatives Ms. O'Neill, Mr. Morales, Mr. Arroyo, and Ms. Gonzalez to conduct a closing conference. I indicated that the purpose of the closing conference was to inform the Facility about the CEI observations and the opportunity to clarify any questions or doubts the representatives might have pertaining the RCRA inspection. I also communicated that a CEI report would be emailed once finalized.

6 POTENTIAL AREAS OF CONCERN

Based on observations made during the walkthrough of the Facility and/or a review of records provided to EPA by the Facility on-site and/or afterwards, the following potential areas of concern were identified:

| REGULATORY, STATUTORY OR PERMIT REFERENCE | FIELD OBSERVATION |
|---|--|
| RCRA Subtitle C – Hazardous Waste (ECO Site) | |
| <p>40 CFR § Part 262.262(b): Prepares a quick reference guide and submits it to emergency response agencies.</p> | <p>At the time of the inspection, the quick reference guide of the contingency plan was not submitted to local response agencies.</p> <p><i>Corrective action: The Facility provided documentation that the quick reference guide was submitted to the appropriate response agencies.</i></p> |
| <p>40 CFR § Part 262.11(b): The hazardous waste determination for each solid waste must be made at the point of waste generation, before any dilution, mixing, or other alteration of the waste occurs, and at any time in the course of its management that it has, or may have, changed its properties as a result of exposure to the environment or other factors that may change the properties of the waste such that the RCRA classification of the waste may change.</p> | <p>Between April 2021 and March 2022, approximately 600,000 gallons of Oldware were sent offsite to Demaco Terminal Operations, Corp in Guayanilla, Puerto Rico. Although historically the Oldware was sent offsite for disposal as a characteristic waste (D001, ignitable), the Facility sent it to the terminal as a byproduct to be reclaimed once their distillation unit became operational.</p> |
| Demaco Terminal Operations, Corp. | |
| <p>40 CFR § Part 270.1(c): RCRA requires a permit for the “treatment,” “storage,” and “disposal” of any “hazardous waste” as identified or listed in 40 CFR part 261.</p> | <p>Since April 2021, Demaco Terminal Operations, Corp. has been storing approximately 600,000 gallons of Sartorius’ Oldware in two aboveground storage tanks. Prior to April 2021, Sartorius was disposing of it as hazardous waste.</p> |
| <p>Subpart J: Tank Systems: The requirements of this subpart apply to owners and operators of facilities that use tank systems for storing or treating hazardous waste.</p> | <p>The two aboveground storage tanks storing Oldware at Demaco Terminal Operations, Corp would be subject to the regulations under Subpart J.</p> |

7 ENVIRONMENTAL ASSISTANCE

The Facility can consider the following resources to increase their understanding and compliance with applicable environmental requirements and/or go 'beyond compliance' to reduce its overall environmental footprint:

- Final Rule: Hazardous Waste Generator Improvements (2017),
<https://www.epa.gov/hwgenerators/final-rule-hazardous-waste-generator-improvements>
- Compliance Assistance Centers,
<https://www.complianceassistance.net/>
- Regulatory Exclusions and Alternative Standards for the Recycling of Materials, Solid Wastes and Hazardous Wastes,
<https://www.epa.gov/hw/regulatory-exclusions-and-alternative-standards-recycling-materials-solid-wastes-and-hazardous>
- Hazardous Waste Portal, and
<https://www.hazwasteportal.org/>
- Fact Sheet on Requirements for Large Quantity Generators of Hazardous Waste,
https://www.epa.gov/sites/default/files/2020-07/documents/10635_lgg-factsheet_508.pdf

8 APPENDICES

- A. Inspection Photographs
- B. Hazardous Waste Manifests
- C. EJSscreen Report
- D. Flood Zone Map

Appendix A: Inspection Photos



Photograph One (1): CAA



Photograph Two (2): Eye washing station and spill kit



Photograph Three (3): Outside view of the CAA



Photograph Four (4): Universal Waste; CAA



Photograph Five (5): Used Oil; CAA



Photograph Five (6): Tanks 603 and 605 storing Sartorius' Oldware at Demaco Terminal Operations, Corp.

Appendix B: Hazardous Waste Manifests

ECO Site PRR000024596

| Manifest Date | Waste (kg) | Manifest Tracking Number |
|---------------|------------|--------------------------|
| 9/17/2024 | 1,433 | 002237093VES |
| 9/17/2024 | 2 | 002237092VES |
| 9/17/2024 | 399 | 002383424VES |
| 9/17/2024 | 18 | 002237093VES |
| 8/13/2024 | 64 | 002382513VES |
| 8/13/2024 | 349 | 002382512VES |
| 8/13/2024 | 4 | 002382514VES |
| 8/13/2024 | 32 | 002382512VES |
| 8/13/2024 | 2 | 002382512VES |
| 7/16/2024 | 948 | 002383500VES |
| 7/16/2024 | 871 | 002383499VES |
| 7/16/2024 | 18 | 002383500VES |
| 7/16/2024 | 0 | 002383499VES |
| 6/11/2024 | 907 | 002065835VES |
| 6/11/2024 | 279 | 002065834VES |
| 6/11/2024 | 18 | 002065835VES |
| 6/11/2024 | 23 | 002065834VES |
| 6/11/2024 | 18 | 002065835VES |
| 5/14/2024 | 1,175 | 002065825VES |
| 5/14/2024 | 454 | 002065826VES |
| 5/14/2024 | 5 | 002065827VES |
| 5/14/2024 | 1 | 002065827VES |
| 4/16/2024 | 1,560 | 002066598VES |
| 4/16/2024 | 5 | 002066597VES |
| 4/16/2024 | 95 | 002066599VES |
| 4/16/2024 | 7 | 002066598VES |
| 4/16/2024 | 27 | 002066597VES |
| 4/16/2024 | 18 | 002066598VES |
| 3/12/2024 | 363 | 002065768VES |
| 3/12/2024 | 1,107 | 002065769VES |
| 3/12/2024 | 68 | 002065772VES |
| 3/12/2024 | 200 | 002065770VES |
| 3/12/2024 | 163 | 002065771VES |
| 3/12/2024 | 18 | 002065769VES |
| 3/12/2024 | 18 | 002065772VES |

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| | | |
|------------|-------|--------------|
| 3/12/2024 | 2 | 002065771VES |
| 2/13/2024 | 386 | 002066782VES |
| 2/13/2024 | 295 | 002066779VES |
| 2/13/2024 | 170 | 002066781VES |
| 2/13/2024 | 7 | 002066781VES |
| 2/13/2024 | 3 | 002066783VES |
| 1/24/2024 | 544 | 002068394VES |
| 1/24/2024 | 136 | 002068395VES |
| 1/24/2024 | 238 | 002066659VES |
| 1/24/2024 | 16 | 002068396VES |
| 1/24/2024 | 7 | 002068397VES |
| 1/24/2024 | 18 | 002068395VES |
| 12/21/2023 | 962 | 002066897VES |
| 12/21/2023 | 45 | 002066896VES |
| 12/21/2023 | 140 | 002066898VES |
| 12/21/2023 | 1 | 002066898VES |
| 12/21/2023 | 0 | 002066898VES |
| 12/21/2023 | 0 | 002066898VES |
| 11/27/2023 | 562 | 002066819VES |
| 11/27/2023 | 240 | 002066817VES |
| 11/27/2023 | 181 | 002066818VES |
| 11/27/2023 | 3 | 002066820VES |
| 11/27/2023 | 1 | 002066820VES |
| 11/27/2023 | 4 | 002066820VES |
| 11/27/2023 | 1 | 002066820VES |
| 11/2/2023 | 363 | 002065746VES |
| 11/2/2023 | 68 | 002066887VES |
| 11/2/2023 | 68 | 002066887VES |
| 11/2/2023 | 18 | 002066887VES |
| 10/12/2023 | 136 | 002066886VES |
| 10/12/2023 | 363 | 002066910VES |
| 10/12/2023 | 79 | 002066909VES |
| 10/12/2023 | 11 | 002066886VES |
| 10/12/2023 | 15 | 002066909VES |
| 10/12/2023 | 2 | 002066909VES |
| 9/22/2023 | 249 | 002068189VES |
| 9/22/2023 | 1,633 | 002068191VES |
| 9/22/2023 | 408 | 002068192VES |
| 9/22/2023 | 18 | 002068191VES |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|-----------|--------|--------------|
| 9/22/2023 | 18 | 002068190VES |
| 8/31/2023 | 181 | 002066920VES |
| 8/31/2023 | 181 | 002066922VES |
| 8/31/2023 | 318 | 002066921VES |
| 8/31/2023 | 170 | 002066923VES |
| 8/31/2023 | 34 | 002066923VES |
| 8/31/2023 | 5 | 002066924VES |
| 8/31/2023 | 18 | 002066922VES |
| 8/10/2023 | 181 | 002066985VES |
| 8/10/2023 | 612 | 002066986VES |
| 8/10/2023 | 32 | 002066983VES |
| 8/10/2023 | 18 | 002066985VES |
| 7/20/2023 | 472 | 002066991VES |
| 7/20/2023 | 980 | 002066994VES |
| 7/20/2023 | 204 | 002066993VES |
| 6/29/2023 | 454 | 002068358VES |
| 6/29/2023 | 454 | 002068360VES |
| 6/29/2023 | 5 | 002068357VES |
| 6/29/2023 | 79 | 002068359VES |
| 6/29/2023 | 23 | 002068357VES |
| 6/9/2023 | 544 | 002068225VES |
| 6/9/2023 | 363 | 002068227VES |
| 6/9/2023 | 476 | 002068226VES |
| 6/9/2023 | 102 | 002068228VES |
| 6/9/2023 | 18 | 002068225VES |
| 6/9/2023 | 18 | 002068227VES |
| 5/18/2023 | 286 | 002068070VES |
| 5/18/2023 | 1,145 | 002068156VES |
| 5/18/2023 | 318 | 002068064VES |
| 5/18/2023 | 36 | 002068070VES |
| 4/27/2023 | 1,077 | 002068073VES |
| 4/27/2023 | 181 | 002068072VES |
| 4/27/2023 | 113 | 002068076VES |
| 4/27/2023 | 23 | 002068076VES |
| 4/4/2023 | 907 | 002066277VES |
| 4/4/2023 | 408 | 002066278VES |
| 4/4/2023 | 238 | 002066279VES |
| 4/4/2023 | 18 | 002066277VES |
| 3/29/2023 | 10,342 | 024431125JJK |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|------------|--------|--------------|
| 3/16/2023 | 272 | 002064036VES |
| 3/16/2023 | 1,712 | 002064042VES |
| 3/16/2023 | 218 | 002064038VES |
| 3/16/2023 | 15 | 002064039VES |
| 3/16/2023 | 941 | 002064041VES |
| 3/16/2023 | 5 | 002064037VES |
| 3/16/2023 | 14 | 002064040VES |
| 3/16/2023 | 20 | 002064040VES |
| 3/16/2023 | 3 | 002064040VES |
| 3/16/2023 | 1 | 002064040VES |
| 3/16/2023 | 26 | 002064039VES |
| 3/16/2023 | 5 | 002064040VES |
| 2/16/2023 | 345 | 002066336VES |
| 2/16/2023 | 1,814 | 002066337VES |
| 2/16/2023 | 1,225 | 002066338VES |
| 1/24/2023 | 1,633 | 002066298VES |
| 1/24/2023 | 2 | 002066294VES |
| 1/24/2023 | 238 | 002066295VES |
| 1/24/2023 | 5 | 002066296VES |
| 1/24/2023 | 476 | 002066297VES |
| 1/24/2023 | 18 | 002066298VES |
| 1/24/2023 | 34 | 002066295VES |
| 12/27/2022 | 2,585 | 002066207VES |
| 12/27/2022 | 1,111 | 002066208VES |
| 12/27/2022 | 136 | 002066209VES |
| 12/27/2022 | 18 | 002066207VES |
| 12/21/2022 | 17,775 | 024431292JJK |
| 12/16/2022 | 17,864 | 024431291JJK |
| 12/14/2022 | 17,119 | 024654218JJK |
| 12/13/2022 | 17,864 | 024431290JJK |
| 12/9/2022 | 17,144 | 024431289JJK |
| 12/5/2022 | 17,775 | 024431288JJK |
| 11/29/2022 | 91 | 000951390VES |
| 11/29/2022 | 1,508 | 002067078VES |
| 11/29/2022 | 567 | 002067079VES |
| 11/29/2022 | 43 | 002067080VES |
| 11/29/2022 | 17,119 | 024654219JJK |
| 11/29/2022 | 14 | 002067080VES |
| 11/28/2022 | 17,861 | 023897400JJK |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|------------|--------|--------------|
| 11/18/2022 | 17,775 | 023897402JJK |
| 11/17/2022 | 17,775 | 023897399JJK |
| 11/16/2022 | 17,775 | 023897401JJK |
| 11/15/2022 | 17,789 | 015391802FLE |
| 11/10/2022 | 17,772 | 023897398JJK |
| 11/9/2022 | 1,633 | 002067074VES |
| 11/9/2022 | 181 | 002067077VES |
| 11/9/2022 | 1,032 | 002067075VES |
| 11/9/2022 | 204 | 002067076VES |
| 11/9/2022 | 17,119 | 024654220JJK |
| 11/9/2022 | 17,119 | 024654221JJK |
| 11/8/2022 | 17,119 | 024654222JJK |
| 11/7/2022 | 17,119 | 024654223JJK |
| 10/25/2022 | 17,119 | 024618092JJK |
| 10/21/2022 | 17,929 | 017378925FLE |
| 10/21/2022 | 17,119 | 024618090JJK |
| 10/21/2022 | 17,119 | 024618091JJK |
| 10/19/2022 | 17,119 | 024618093JJK |
| 10/19/2022 | 17,119 | 024618094JJK |
| 10/18/2022 | 1,270 | 002064286VES |
| 10/18/2022 | 147 | 002064289VES |
| 10/18/2022 | 794 | 002064287VES |
| 10/18/2022 | 68 | 002064288VES |
| 10/18/2022 | 18 | 002064286VES |
| 10/18/2022 | 11 | 002064290VES |
| 10/14/2022 | 17,680 | 017378923FLE |
| 10/6/2022 | 2,631 | 002066047VES |
| 10/6/2022 | 91 | 002066049VES |
| 10/6/2022 | 1,225 | 002066046VES |
| 10/6/2022 | 152 | 002066048VES |
| 10/6/2022 | 18 | 002066047VES |
| 10/5/2022 | 17,772 | 017378922FLE |
| 9/15/2022 | 17,929 | 017378924FLE |
| 9/14/2022 | 181 | 002064277VES |
| 9/14/2022 | 2,903 | 002067054VES |
| 9/14/2022 | 1,372 | 002067055VES |
| 9/14/2022 | 136 | 002067058VES |
| 9/14/2022 | 18 | 002067054VES |
| 9/14/2022 | 7 | 002067058VES |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|-----------|--------|--------------|
| 9/8/2022 | 17,769 | 017378921FLE |
| 8/29/2022 | 16,615 | 015391807FLE |
| 8/26/2022 | 54 | 002069812VES |
| 8/26/2022 | 136 | 002069813VES |
| 8/26/2022 | 2,903 | 002069815VES |
| 8/26/2022 | 136 | 002069814VES |
| 8/26/2022 | 939 | 002069818VES |
| 8/26/2022 | 18 | 002069805VES |
| 8/26/2022 | 4 | 002069811VES |
| 8/15/2022 | 17,759 | 015391801FLE |
| 8/12/2022 | 18,100 | 015391800FLE |
| 8/11/2022 | 18,134 | 015391799FLE |
| 8/8/2022 | 16,591 | 015391798FLE |
| 8/2/2022 | 17,808 | 015391797FLE |
| 7/29/2022 | 218 | 002064356VES |
| 7/29/2022 | 1,814 | 002069846VES |
| 7/29/2022 | 476 | 002064353VES |
| 7/29/2022 | 7 | 002064354VES |
| 7/29/2022 | 82 | 002064355VES |
| 7/29/2022 | 8 | 002064354VES |
| 7/29/2022 | 18 | 002069846VES |
| 7/29/2022 | 51 | 002064354VES |
| 7/29/2022 | 608 | 002069845VES |
| 7/22/2022 | 19,471 | 015391796FLE |
| 7/18/2022 | 17,325 | 015391794FLE |
| 7/7/2022 | 907 | 002064460VES |
| 7/7/2022 | 181 | 002064462VES |
| 7/7/2022 | 2 | 002064461VES |
| 7/7/2022 | 463 | 002064463VES |
| 6/20/2022 | 18,260 | 015391795FLE |
| 6/17/2022 | 19,136 | 015391793FLE |
| 6/15/2022 | 2,540 | 002064434VES |
| 6/15/2022 | 91 | 002064432VES |
| 6/15/2022 | 1,107 | 002064435VES |
| 6/15/2022 | 18 | 002064434VES |
| 6/15/2022 | 7 | 002064433VES |
| 6/15/2022 | 11 | 002064433VES |
| 6/15/2022 | 18 | 002064433VES |
| 6/10/2022 | 18,133 | 015391791FLE |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|------------|--------|--------------|
| 6/10/2022 | 18,133 | 015391792FLE |
| 6/4/2022 | 18,045 | 015391790FLE |
| 6/2/2022 | 13,197 | 015391789FLE |
| 6/1/2022 | 14,364 | 015391788FLE |
| 5/31/2022 | 17,716 | 015391787FLE |
| 5/30/2022 | 18,045 | 015391786FLE |
| 5/28/2022 | 18,045 | 015391785FLE |
| 5/26/2022 | 181 | 002069542VES |
| 5/26/2022 | 218 | 002064311VES |
| 5/26/2022 | 23 | 002064311VES |
| 5/3/2022 | 2,540 | 001510558VES |
| 5/3/2022 | 263 | 002069733VES |
| 5/3/2022 | 3,239 | 002069712VES |
| 5/3/2022 | 162 | 002069734VES |
| 5/3/2022 | 18 | 001510558VES |
| 5/3/2022 | 18 | 002069733VES |
| 4/12/2022 | 4,899 | 002069716VES |
| 4/12/2022 | 114 | 002064068VES |
| 4/12/2022 | 1,432 | 002069715VES |
| 4/12/2022 | 5 | 002064068VES |
| 3/25/2022 | 159 | 001849717VES |
| 3/25/2022 | 363 | 001849716VES |
| 3/25/2022 | 45 | 001849716VES |
| 2/18/2022 | 1,996 | 002069611VES |
| 2/18/2022 | 181 | 002069613VES |
| 2/18/2022 | 1,304 | 002069610VES |
| 2/18/2022 | 476 | 002069612VES |
| 2/18/2022 | 20 | 002069614VES |
| 12/20/2021 | 2,540 | 001849455VES |
| 12/20/2021 | 272 | 001849456VES |
| 12/20/2021 | 1,996 | 001849457VES |
| 12/20/2021 | 397 | 001849458VES |
| 12/20/2021 | 54 | 001849458VES |
| 11/11/2021 | 907 | 002065154VES |
| 11/11/2021 | 159 | 002065152VES |
| 11/11/2021 | 522 | 002065155VES |
| 11/11/2021 | 18 | 002065154VES |
| 11/11/2021 | 23 | 002065152VES |
| 10/15/2021 | 102 | 002065176VES |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|------------|--------|--------------|
| 10/15/2021 | 159 | 002065177VES |
| 10/15/2021 | 52 | 002065177VES |
| 10/4/2021 | 1,451 | 002065020VES |
| 10/4/2021 | 1,508 | 002065021VES |
| 9/17/2021 | 245 | 002065204VES |
| 9/17/2021 | 5 | 002065205VES |
| 9/17/2021 | 18 | 002065204VES |
| 8/26/2021 | 1,089 | 002065034VES |
| 8/26/2021 | 170 | 002065033VES |
| 8/26/2021 | 23 | 002065031VES |
| 8/26/2021 | 18 | 002065033VES |
| 7/29/2021 | 1,451 | 002065063VES |
| 7/29/2021 | 109 | 002065064VES |
| 7/29/2021 | 1,361 | 002065062VES |
| 7/29/2021 | 122 | 002065065VES |
| 7/29/2021 | 68 | 002065063VES |
| 6/28/2021 | 181 | 001656965VES |
| 6/28/2021 | 154 | 001656963VES |
| 6/28/2021 | 7 | 001656963VES |
| 6/28/2021 | 0 | 001656964VES |
| 6/8/2021 | 1,451 | 001849482VES |
| 6/8/2021 | 2,771 | 001849481VES |
| 6/8/2021 | 63 | 001849483VES |
| 6/8/2021 | 32 | 001849483VES |
| 5/28/2021 | 91 | 001656959VES |
| 5/28/2021 | 238 | 001656960VES |
| 5/28/2021 | 5 | 001656961VES |
| 5/28/2021 | 7 | 001656962VES |
| 4/28/2021 | 17,196 | 015391808FLE |
| 4/26/2021 | 136 | 001656880VES |
| 4/26/2021 | 4 | 001656879VES |
| 4/26/2021 | 191 | 001656881VES |
| 4/26/2021 | 17,196 | 015391784FLE |
| 4/26/2021 | 18 | 001656881VES |
| 4/24/2021 | 17,196 | 015391783FLE |
| 4/22/2021 | 17,232 | 015391782FLE |
| 4/21/2021 | 17,196 | 015391781FLE |
| 4/19/2021 | 17,196 | 015391780FLE |
| 4/16/2021 | 17,051 | 015391779FLE |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|-----------|--------|--------------|
| 4/14/2021 | 17,196 | 015391476FLE |
| 4/12/2021 | 17,196 | 015391477FLE |
| 4/9/2021 | 15,835 | 015391478FLE |
| 4/8/2021 | 907 | 001849264VES |
| 4/8/2021 | 1,560 | 001849263VES |
| 4/8/2021 | 27 | 001849265VES |
| 4/7/2021 | 17,325 | 015391481FLE |
| 4/1/2021 | 19,759 | 015391479FLE |
| 3/30/2021 | 181 | 001849333VES |
| 3/30/2021 | 64 | 001849341VES |
| 3/30/2021 | 17,196 | 015391480FLE |
| 3/30/2021 | 14 | 001849333VES |
| 3/30/2021 | 16 | 001849341VES |
| 3/29/2021 | 17,325 | 015391482FLE |
| 3/26/2021 | 18,226 | 015391485FLE |
| 3/24/2021 | 17,196 | 015391484FLE |
| 3/22/2021 | 17,325 | 015391483FLE |
| 3/20/2021 | 17,196 | 015391486FLE |
| 3/18/2021 | 17,196 | 015391488FLE |
| 3/16/2021 | 17,232 | 015391487FLE |
| 3/15/2021 | 17,196 | 015391489FLE |
| 3/13/2021 | 17,196 | 015391492FLE |
| 3/12/2021 | 94 | 001849332VES |
| 3/12/2021 | 46 | 001849332VES |
| 3/11/2021 | 17,196 | 015391490FLE |
| 3/9/2021 | 17,196 | 015391491FLE |
| 3/8/2021 | 17,196 | 015391465FLE |
| 3/5/2021 | 17,196 | 015391466FLE |
| 3/3/2021 | 17,413 | 015391467FLE |
| 3/1/2021 | 17,956 | 015391468FLE |
| 2/27/2021 | 17,196 | 015391469FLE |
| 2/25/2021 | 17,683 | 015391470FLE |
| 2/23/2021 | 17,232 | 015391472FLE |
| 2/22/2021 | 17,683 | 015391471FLE |
| 2/15/2021 | 1,270 | 001849300VES |
| 2/15/2021 | 1,463 | 001849301VES |
| 2/15/2021 | 17,196 | 015399413FLE |
| 2/12/2021 | 17,232 | 015399414FLE |
| 2/10/2021 | 17,413 | 015399412FLE |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|-----------|--------|--------------|
| 2/9/2021 | 61 | 001849237VES |
| 2/9/2021 | 138 | 001849236VES |
| 2/9/2021 | 7 | 001849238VES |
| 2/9/2021 | 31 | 001849236VES |
| 2/9/2021 | 20 | 001849238VES |
| 2/8/2021 | 15,969 | 015399415FLE |
| 2/6/2021 | 16,963 | 015399416FLE |
| 2/5/2021 | 17,506 | 015399411FLE |
| 2/3/2021 | 17,196 | 015399417FLE |
| 2/2/2021 | 17,196 | 015399418FLE |
| 1/30/2021 | 17,325 | 015399410FLE |
| 1/28/2021 | 17,591 | 015399409FLE |
| 1/26/2021 | 17,591 | 015399408FLE |
| 1/25/2021 | 17,502 | 015399407FLE |
| 1/22/2021 | 17,196 | 015399405FLE |
| 1/20/2021 | 17,196 | 015399406FLE |
| 1/18/2021 | 17,196 | 015399404FLE |
| 1/15/2021 | 17,196 | 015399403FLE |
| 1/13/2021 | 17,196 | 015399402FLE |
| 1/11/2021 | 17,196 | 015399401FLE |
| 1/9/2021 | 17,196 | 015399400FLE |
| 1/7/2021 | 17,196 | 015399419FLE |
| 1/4/2021 | 17,196 | 015391275FLE |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

Main Building PRD049532807

| Manifest Date | Waste (kg) | Manifest Tracking Number |
|---------------|------------|--------------------------|
| 7/3/2024 | 18,348 | 009197600SKS |
| 4/23/2024 | 42 | 018810114FLE |
| 4/23/2024 | 7 | 018810114FLE |
| 1/31/2024 | 64 | 008905326SKS |
| 1/31/2024 | 19 | 008905326SKS |
| 1/31/2024 | 59 | 008905326SKS |
| 11/16/2023 | 19,218 | 008792959SKS |
| 10/24/2023 | 16,324 | 008792872SKS |
| 10/23/2023 | 217 | 008792891SKS |
| 10/20/2023 | 64 | 008792892SKS |
| 9/22/2023 | 17,349 | 008792837SKS |
| 9/14/2023 | 118 | 008792821SKS |
| 9/14/2023 | 36 | 008792821SKS |
| 8/29/2023 | 19,006 | 008792790SKS |
| 8/11/2023 | 50 | 008792741SKS |
| 8/11/2023 | 82 | 008792737SKS |
| 8/2/2023 | 19,263 | 008792727SKS |
| 6/23/2023 | 18,987 | 008792641SKS |
| 6/23/2023 | 159 | 008792646SKS |
| 6/23/2023 | 18 | 008792648SKS |
| 5/30/2023 | 18,980 | 008792589SKS |
| 5/25/2023 | 6,010 | 002068067VES |
| 5/10/2023 | 19,271 | 008792535SKS |
| 5/4/2023 | 218 | 008792503SKS |
| 4/17/2023 | 19,328 | 008264878SKS |
| 3/7/2023 | 91 | 008264798SKS |
| 2/27/2023 | 17,005 | 008264764SKS |
| 1/24/2023 | 1,270 | 002066293VES |
| 12/6/2022 | 163 | 008264990SKS |
| 10/12/2022 | 54 | 008275849SKS |
| 8/5/2022 | 272 | 008275567SKS |
| 5/31/2022 | 68 | 008275687SKS |
| 8/20/2021 | 122 | 007887189SKS |
| 8/20/2021 | 20 | 016433899FLE |
| 8/20/2021 | 315 | 007887189SKS |
| 8/20/2021 | 26 | 016433899FLE |

Resource Conservation and Recovery Act
Sartorius Stedim Filters Inc.

PRR000024596 (ECO Site); PRD049532807 (Main Building); PRR000028654 (Demaco Terminal Operations Corp)

| | | |
|-----------|----|--------------|
| 8/20/2021 | 9 | 016433899FLE |
| 6/15/2021 | 9 | 007613222SKS |
| 3/3/2021 | 52 | 007506960SKS |

Appendix C: EJScreen Report



EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Sartorius Stedim Filters Inc.

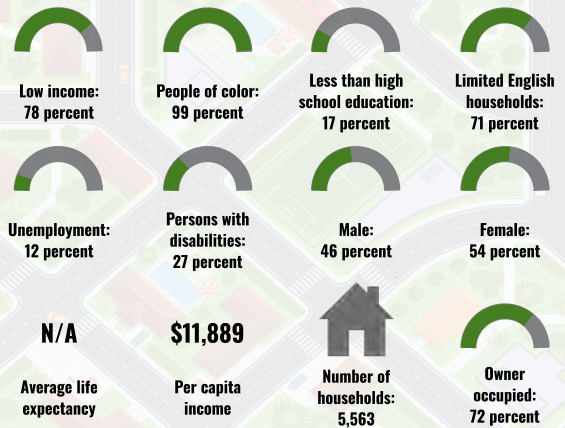
1 mile Ring Centered at 18.034397,-66.860736
 Population: 14,598
 Area in square miles: 3.14

Dynamic map initially showing the user-selected area

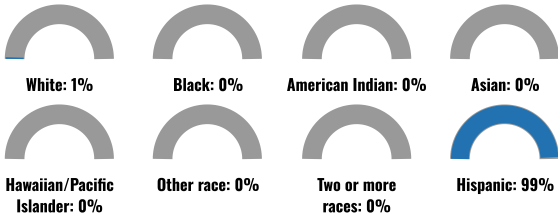
COMMUNITY INFORMATION

LANGUAGES SPOKEN AT HOME

| LANGUAGE | PERCENT |
|-------------------|---------|
| English | 7% |
| Spanish | 93% |
| Total Non-English | 93% |



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

Report for 1 mile Ring Centered at 18.034397,-66.860736
 Report produced October 17, 2024 using EJScreen Version 2.3

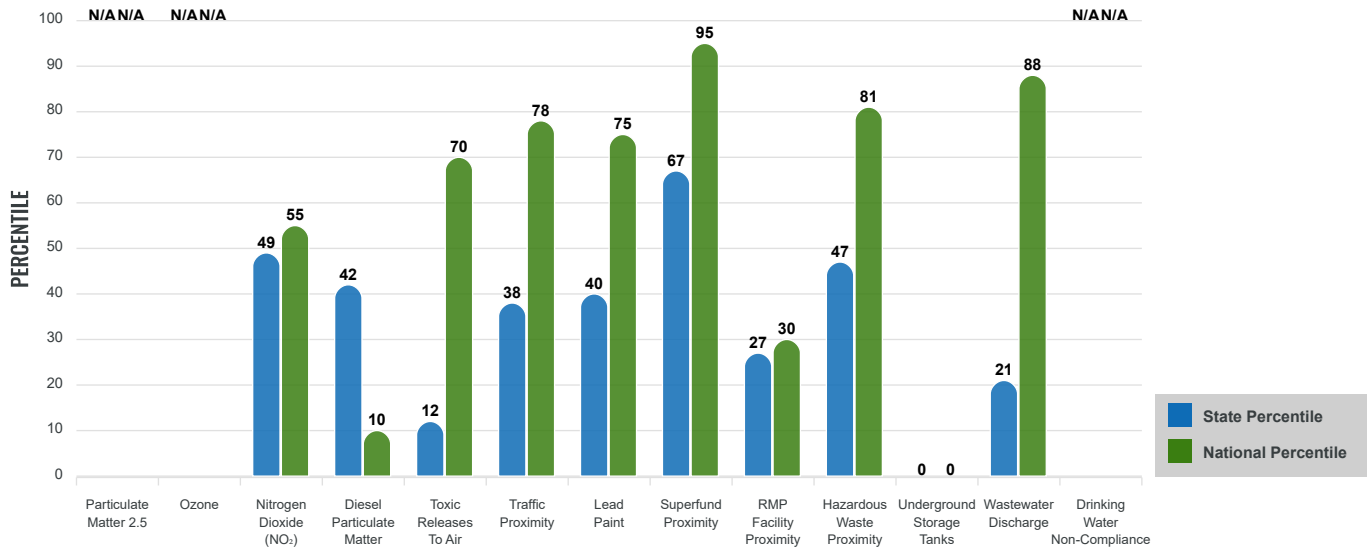
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

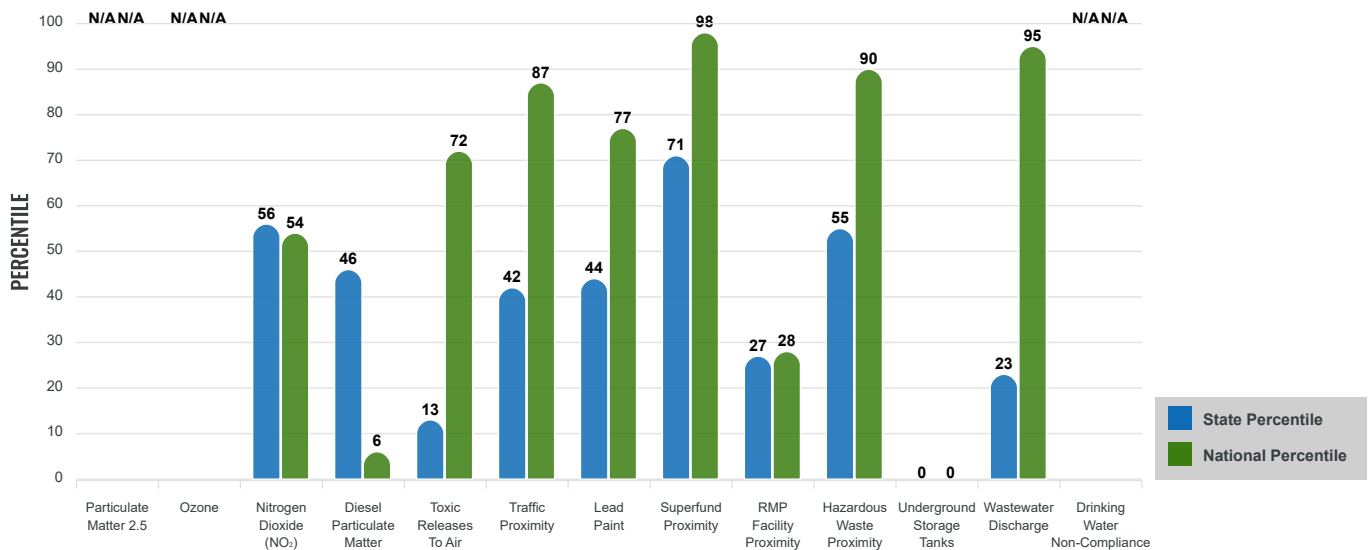
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 1 mile Ring Centered at 18.034397,-66.860736

Report produced October 17, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

| SELECTED VARIABLES | VALUE | STATE AVERAGE | PERCENTILE IN STATE | USA AVERAGE | PERCENTILE IN USA |
|---|---------|---------------|---------------------|-------------|-------------------|
| ENVIRONMENTAL BURDEN INDICATORS | | | | | |
| Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$) | N/A | N/A | N/A | 8.45 | N/A |
| Ozone (ppb) | N/A | N/A | N/A | 61.8 | N/A |
| Nitrogen Dioxide (NO ₂) (ppbv) | 4.3 | 5.5 | 48 | 7.8 | 16 |
| Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$) | 0.0291 | 0.0618 | 42 | 0.191 | 2 |
| Toxic Releases to Air (toxicity-weighted concentration) | 110 | 4,300 | 12 | 4,600 | 25 |
| Traffic Proximity (daily traffic count/distance to road) | 430,000 | 1,100,000 | 37 | 1,700,000 | 36 |
| Lead Paint (% Pre-1960 Housing) | 0.069 | 0.16 | 42 | 0.3 | 30 |
| Superfund Proximity (site count/km distance) | 0.12 | 0.23 | 66 | 0.39 | 63 |
| RMP Facility Proximity (facility count/km distance) | 0.01 | 0.66 | 27 | 0.57 | 28 |
| Hazardous Waste Proximity (facility count/km distance) | 0.73 | 1.2 | 44 | 3.5 | 39 |
| Underground Storage Tanks (count/km ²) | 0 | 0 | 0 | 3.6 | 0 |
| Wastewater Discharge (toxicity-weighted concentration/m distance) | 45 | 670000 | 21 | 700000 | 48 |
| Drinking Water Non-Compliance (points) | N/A | N/A | N/A | 2.2 | N/A |
| SOCIOECONOMIC INDICATORS | | | | | |
| Demographic Index USA | 3.4 | N/A | N/A | 1.34 | 98 |
| Supplemental Demographic Index USA | 4.41 | N/A | N/A | 1.64 | 99 |
| Demographic Index State | 4.89 | 4.63 | 55 | N/A | N/A |
| Supplemental Demographic Index State | 2.98 | 2.72 | 59 | N/A | N/A |
| People of Color | 99% | 97% | 28 | 40% | 96 |
| Low Income | 78% | 70% | 55 | 30% | 96 |
| Unemployment Rate | 12% | 14% | 53 | 6% | 87 |
| Limited English Speaking Households | 71% | 66% | 53 | 5% | 99 |
| Less Than High School Education | 17% | 20% | 44 | 11% | 77 |
| Under Age 5 | 4% | 3% | 69 | 5% | 47 |
| Over Age 64 | 23% | 23% | 51 | 18% | 74 |

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

| | |
|--|---|
| Superfund | 0 |
| Hazardous Waste, Treatment, Storage, and Disposal Facilities | 0 |
| Water Dischargers | 7 |
| Air Pollution | 0 |
| Brownfields | 5 |
| Toxic Release Inventory | 1 |

Other community features within defined area:

| | |
|-------------------|----|
| Schools | 10 |
| Hospitals | 1 |
| Places of Worship | 0 |

Other environmental data:

| | |
|--------------------|-----|
| Air Non-attainment | No |
| Impaired Waters | Yes |

| | |
|--|-----|
| Selected location contains American Indian Reservation Lands* | No |
| Selected location contains a "Justice40 (CEJST)" disadvantaged community | Yes |
| Selected location contains an EPA IRA disadvantaged community | Yes |

Report for 1 mile Ring Centered at 18.034397,-66.860736
 Report produced October 17, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

| INDICATOR | VALUE | STATE AVERAGE | STATE PERCENTILE | US AVERAGE | US PERCENTILE |
|---------------------------|-------|---------------|------------------|------------|---------------|
| Low Life Expectancy | N/A | N/A | N/A | 20% | N/A |
| Heart Disease | N/A | N/A | N/A | 5.8 | N/A |
| Asthma | N/A | N/A | N/A | 10.3 | N/A |
| Cancer | N/A | N/A | N/A | 6.4 | N/A |
| Persons with Disabilities | 27.4% | 22.7% | 77 | 13.7% | 97 |

CLIMATE INDICATORS

| INDICATOR | VALUE | STATE AVERAGE | STATE PERCENTILE | US AVERAGE | US PERCENTILE |
|---------------|-------|---------------|------------------|------------|---------------|
| Flood Risk | N/A | N/A | N/A | 12% | N/A |
| Wildfire Risk | N/A | N/A | N/A | 14% | N/A |

CRITICAL SERVICE GAPS

| INDICATOR | VALUE | STATE AVERAGE | STATE PERCENTILE | US AVERAGE | US PERCENTILE |
|------------------------------|-------|---------------|------------------|------------|---------------|
| Broadband Internet | 37% | 29% | 72 | 13% | 95 |
| Lack of Health Insurance | 6% | 7% | 52 | 9% | 46 |
| Housing Burden | No | N/A | N/A | N/A | N/A |
| Transportation Access Burden | No | N/A | N/A | N/A | N/A |
| Food Desert | No | N/A | N/A | N/A | N/A |

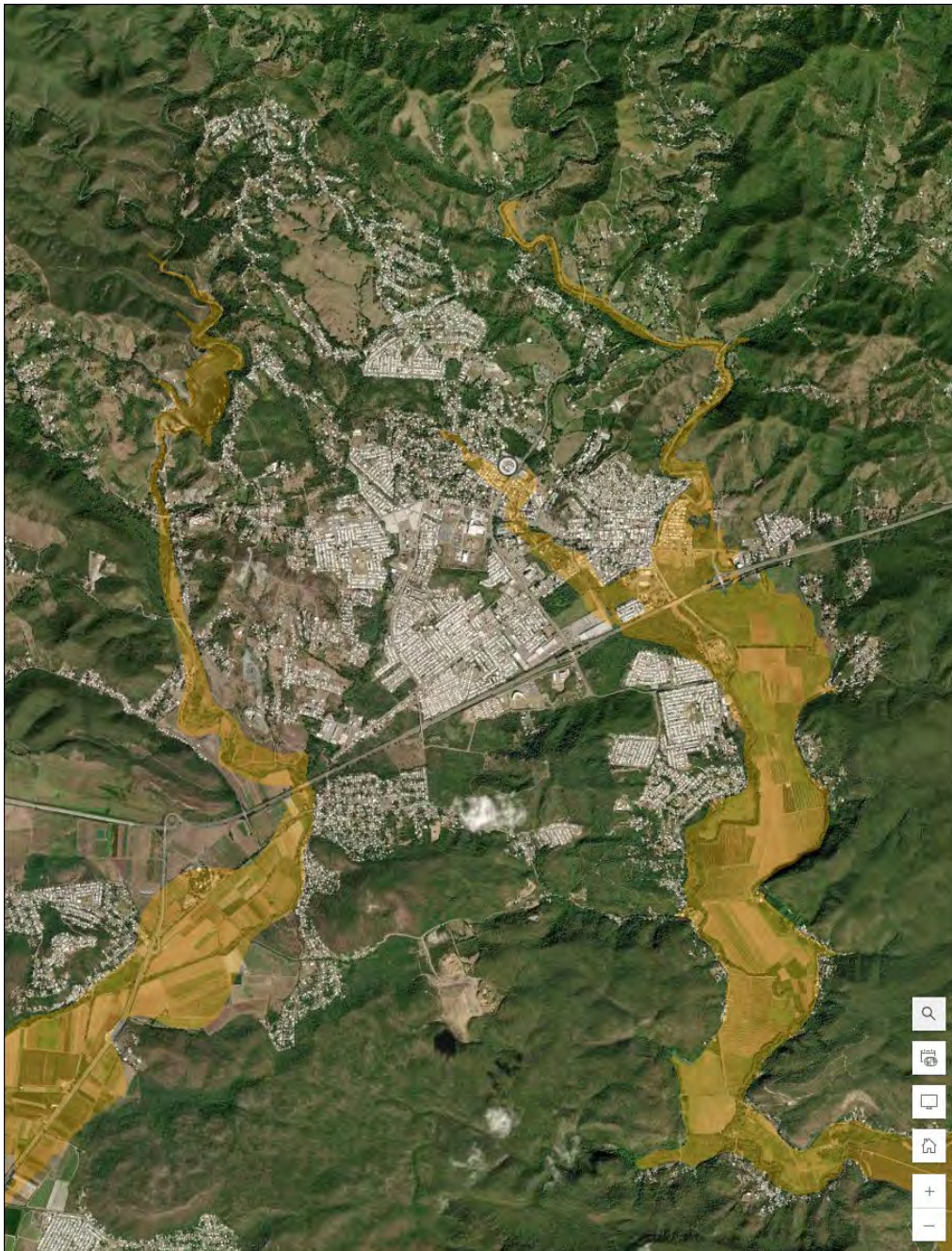
Report for 1 mile Ring Centered at 18.034397,-66.860736

Report produced October 17, 2024 using EJScreen Version 2.3

Appendix D: Flood Zone Map

Federal Emergency Management Agency (FEMA) 100 Year Flood Zones and EPA's Region 2 Composite Flood Risk Layer

Facility Name: Sartorius Stedim Filters, Inc.



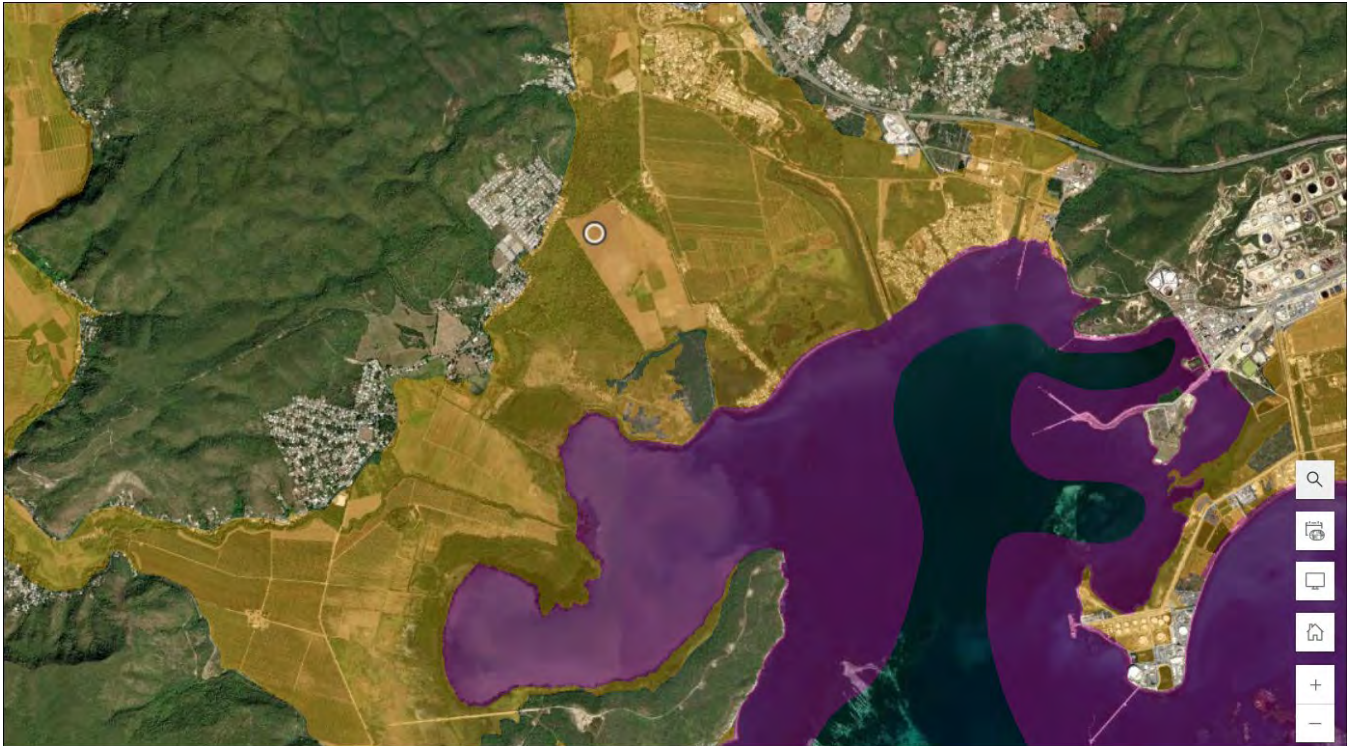
The Facility is located within the FEMA 100-Year Flood Zones layer.



The Facility is located within a potential flood risk area based on EPA's Region 2 Composite Flood Risk layer.

**Federal Emergency Management Agency (FEMA) 100 Year Flood Zones and EPA's Region 2
Composite Flood Risk Layer**

Facility Name: Demaco Terminal Operations, Corp.



The Facility is located within the FEMA 100-Year Flood Zones layer.

Facility Name: Demaco Terminal Operations, Corp.



The Facility is located within a potential flood risk area based on EPA's Region 2 Composite Flood Risk layer.