

# Air Permitting Updates

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May 7, 2025



# Agenda

AQ Permitting Fee Changes

Federal Regulation to Phase Out PEC

Organizational Chart

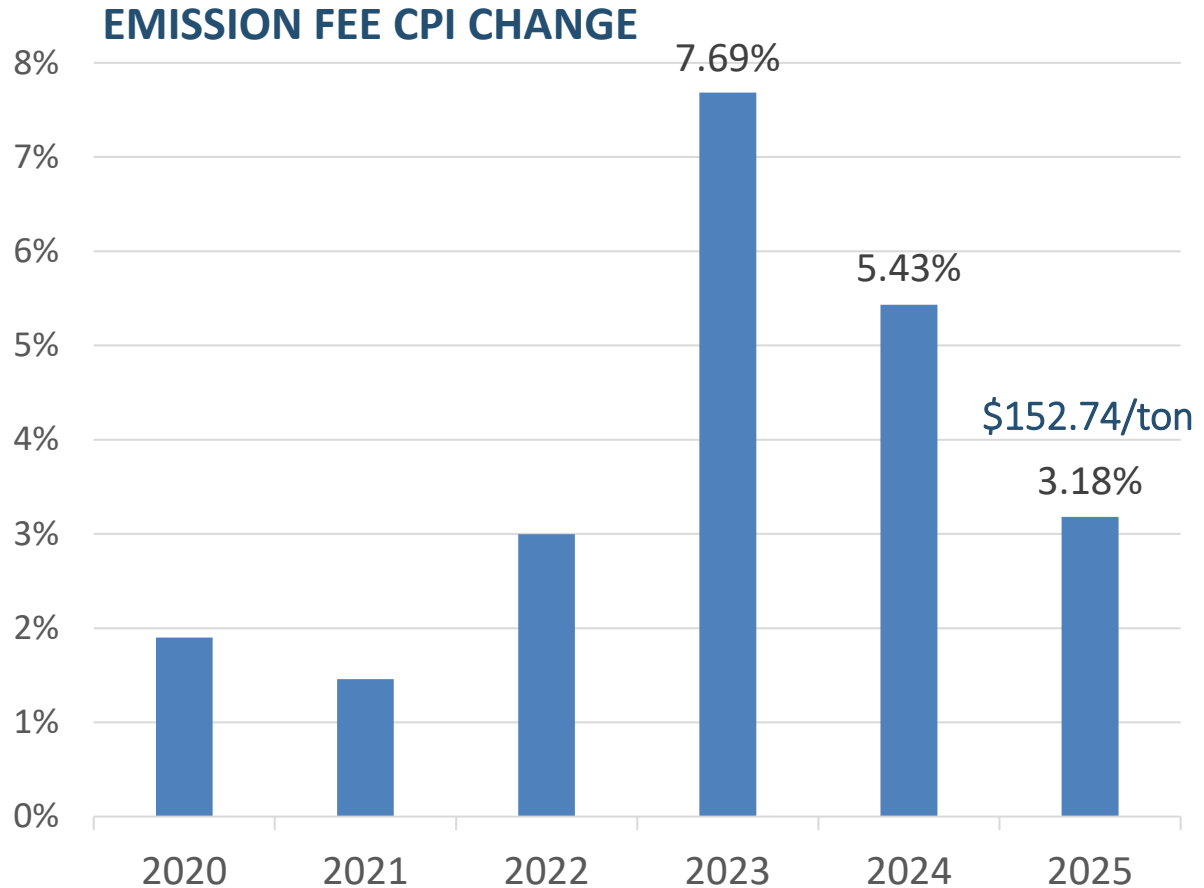
Air Permitting Webpage

Update on Environmental Justice

# AIR FEES

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# AIR FEE CPI CHANGES - FY 2025

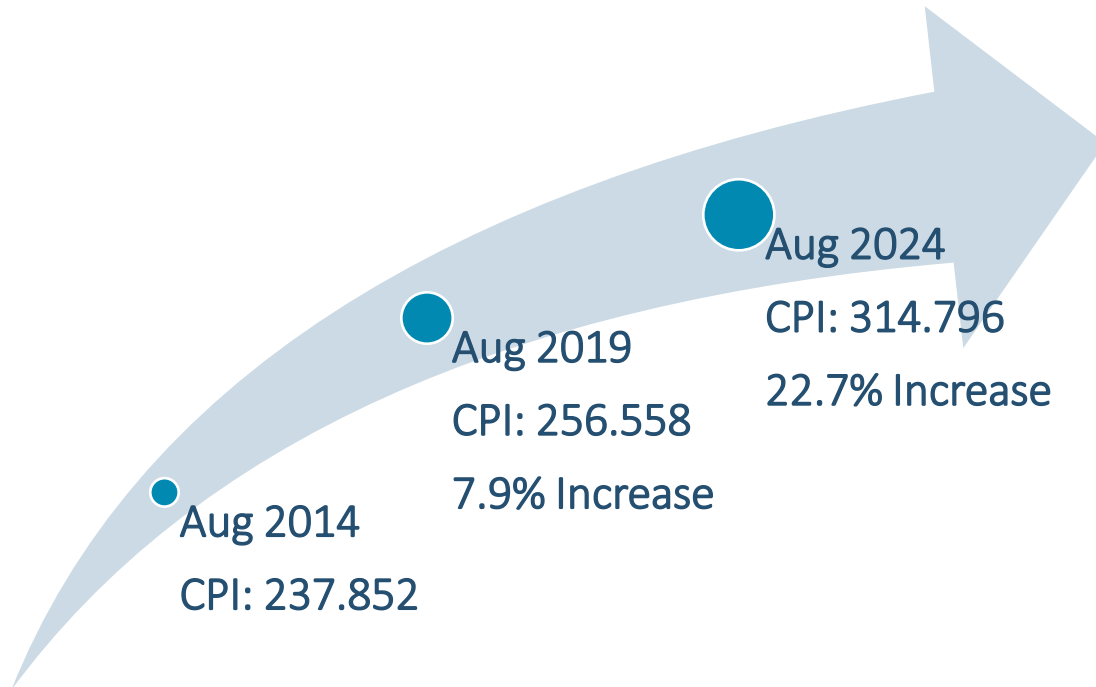


- Annual emission fee for major facilities
- CPI increase is calculated each year using the procedure at N.J.A.C. 7:27-22.31(i)
- Applies the CPI adjustment to the 1989 base amount of \$60.00 per ton of emissions
- FY 2025 annual emission fee \$152.74 per ton of emissions, an increase of \$4.71 (3.18%) from FY 2024
- Publication is expected in the November New Jersey Register
- Invoices will be mailed to major facilities by end of 2024
- Facility must submit the fee to the Department by January 31, 2025

# AIR FEE CPI CHANGES - FY 2025

ISG Meeting | October 4, 2024

## AIR PERMIT FEES 5-YEAR CPI ADJUSTMENT



<https://www.bls.gov/cpi/tables/supplemental-files/historical-cpi-u-202208.pdf>

## WHAT'S CHANGING

- Base and applicable supplementary fees for preconstruction permits (PCPs) and registration fee for general permits (GPs).
- Base and applicable supplementary fees for significant modifications (SM) to an operating permit (OP), and general operating permit (GOP) fee.
- No changes in the OP initial or renewal application fee. No change in maximum caps for PCPs (\$25k) and SM (\$50k).

## WHEN NEW FEES WILL BE APPLICABLE

- Publication is expected in the November New Jersey Register. New fees will be applicable to applications submitted on/after January 1, 2025.

# Examples

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## Before 1/1/2025

- GP/GOP = \$885
- PCP mod = \$2,730/\$640
- PCP renewal = \$1,370/\$365
- BOP sig mod = \$2,730/\$640
- Emis fee (2023 ES) = \$148.03/ton

## On and after 1/1/2025

- GP/GOP = \$1,090
- PCP mod = \$3,350/\$790
- PCP renewal = \$1,685/\$450
- BOP sig mod = \$3,350/\$790
- Emis fee (2024 ES) = \$152.74/ton

# DRYCLEANERS



**Perchloroethylene (PCE);  
Regulation Under the Toxic  
Substances Control Act (TSCA)...**

**How affects dry Cleaning  
Operations?**



# Background

- The Toxic Substances Control Act (TSCA) requires that EPA address by rule any unreasonable risk of injury to health or the environment identified in a TSCA risk evaluation and apply requirements to the extent necessary so that the chemical no longer presents unreasonable risk.
- On Dec. 18, 2024, EPA issued a separate regulatory action under the TSCA to phaseout the use of PCE in dry cleaning.
- Affected facilities are required to comply with the TSCA no later than 180 days after the effective date of the final rule.

## **40 CFR Part 751**

**[EPA-HQ-OPPT-2020-0720; FRL-8329-01-OCSP]**

The rule requires use of PCE in dry cleaning to be phased out over 10 years to eliminate the risk to people who work or spend considerable time at dry cleaning facilities.

- **Full rule:** Federal Register: Perchloroethylene (PCE); Regulation Under the Toxic Substances Control Act (TSCA)

# Applicability/Impact

**Implementation (Dec. 18, 2024) - Effective on January 17, 2025**

- The TSCA rule phaseout of PCE use in dry cleaning starts with a prohibition on the industrial or commercial use of PCE in any dry-cleaning machine acquired 180 days or later after the publication of the final rule. **(June 16, 2025)**
- Prohibition of industrial or commercial use of PCE in dry cleaning and related spot cleaning in 3<sup>rd</sup> generation machines. They have three years after the publication of the final rule. **December 20, 2027**
- Prohibition on all dry cleaning and related spot cleaning using PCE. They have ten years after the publication of the final rule. **December 19, 2034**
- Prohibition on the manufacturing, processing, and distribution in commerce of PCE for use in dry cleaning solvent 10 years after publication of the final rule. **December 19, 2034**

# Compliance Timeline



# How many PCE machines permitted in NJ?

GP-012A ~ 170  
general permits

PCPs for 3<sup>rd</sup> gen dry  
to dry cleaning  
machines ~ 70 PCPs

PCPs for 4<sup>th</sup> or later  
generations dry to  
dry cleaning  
machines ~ 25 PCPs

# Permitting Options for Dry Cleaning Operations

## General permits

- GP-012A for Perchloroethylene Drycleaning Equipment
- GP-013A for Non-HAP Dry-cleaning

## Preconstruction permits (case by case)

### GP-013A Solvents:

- **Hydrocarbon:** DF-2000, Ecosolv, ShellSol, D60, Caled Hydroclene, Ktex, Clerane, and/or Hydro Advanced
- **Siloxane:** Green Earth and/or D5 Solvent
- **Propylene Glycol Ethers:** Solvair, Rynex, Impress, and/or Gen-X
- **Modified Alcohol/Hydrocarbon:** Sensene
- **Acetal:** Solvon K4
- **Other:** Specify the specific solvent under 'Solvent Description'

# No New PCE Machines

- General Permits
  - The Department won't accept new GP-012A registrations **on and after June 16, 2025.**
  - **Action:**
    - We can discontinue GP-012A from portal. To submit a PCP application after June 16, 2025, if change in distance to property line is needed, or any other minor type corrections. This option is only to modify existing GP-012A sources.
- PCPs
  - The Department won't accept PCPs for new PCE machines **on and after June 16, 2025**
  - **Action:**
    - Withdraw any pending PCP for new PCE machines

# 3<sup>rd</sup> Generation PCE Machines

- 3<sup>rd</sup> Generation PCP holders – No 3<sup>rd</sup> gen Perc machine is allowed to operate on and after December 20, 2027
  - **Action:**
    - Send notifications (one batch in 2025 and second batch in 2026) to advise the PCP holders about this rule, future action and options. All perc machines must cease operation, and their permits terminated
    - Auto-kill active PCPs for PCE 3<sup>rd</sup> gen machine on **December 20, 2027**
    - **Note:** Please note that renewals will not grant a 5-year certificate of operation if PCP for 3<sup>rd</sup> gen are renewed before December 20, 2027.

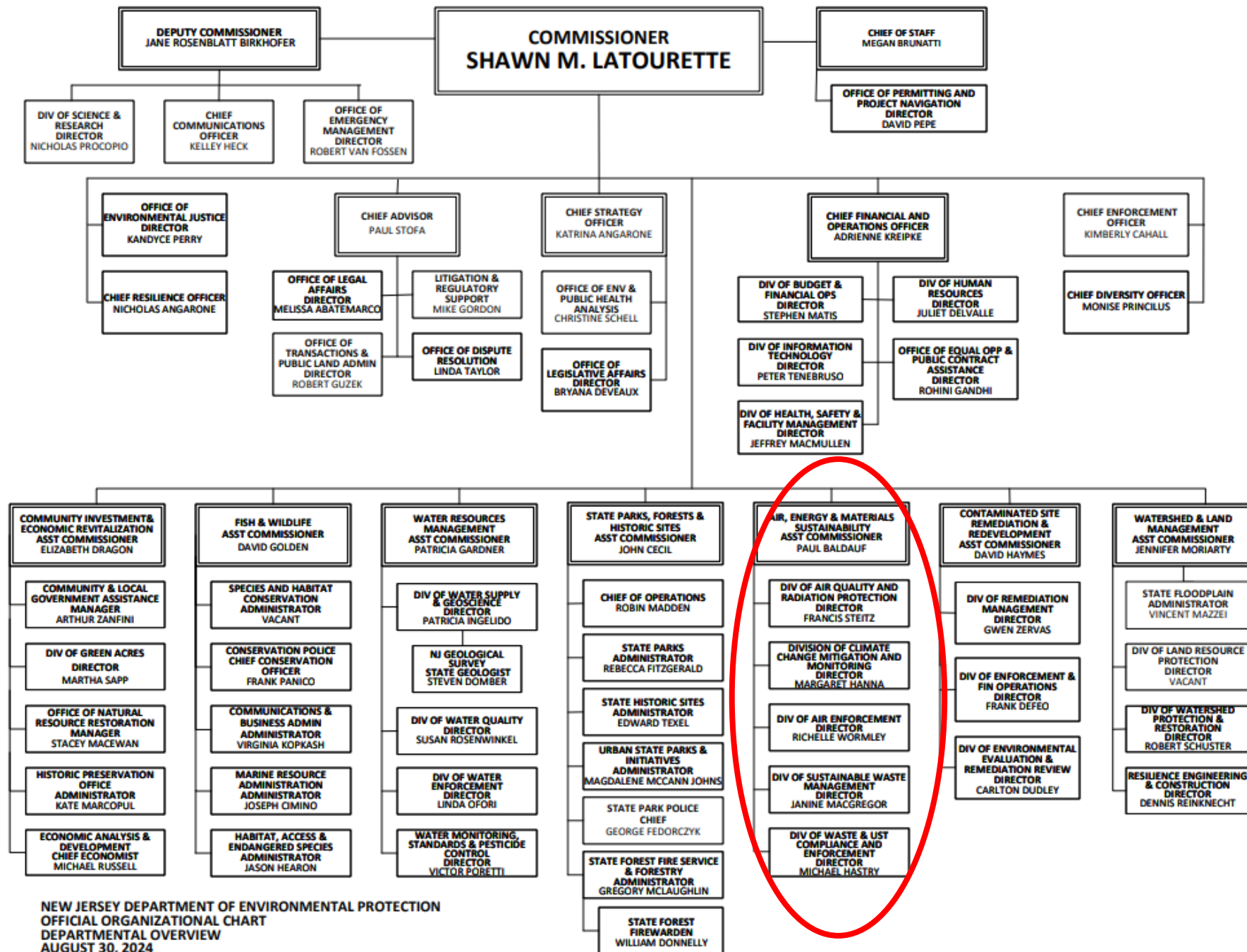
# 4<sup>th</sup> or Later Generation PCE Machines

- The Department won't allow any operation of PCE machine(s) **on and after December 19, 2034**. All perc machines must cease operation, and their permits terminated.
- GP-012A
- **Action:**
  - Auto-kill GP-012A **on December 19, 2034**
- PCPs
- **Action:**
  - Auto-kill PCPs for 4<sup>th</sup> Gen or later generation **on December 19, 2034**

# ORGANIZATIONAL CHART



# NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



**Paul Baldauf Assistant  
Commissioner**

**Air, Energy and  
Materials Sustainability**

Division of Air Quality and Radiation  
Protection  
Francis Steitz, Director

Division of Climate Change, Mitigation and  
Monitoring  
Peg Hanna, Director

Division of Sustainable Waste Management  
Janine MacGregor, Director

Division of Air Enforcement  
Richelle Wormley, Director

Division of Waste and UST Compliance and  
Enforcement  
Michael Hastry, Director

## Francis Steitz Director

## Division of Air Quality and Radiation Protection

### Air Quality Regulation, Planning and Release Prevention Element

Kenneth Ratzman, Assistant Director

- Bureau of Air Permits, Danny Wong, Bureau Chief
- Bureau of Evaluation and Planning, Sharon Davis, Bureau Chief
- Bureau of Release Prevention, Paul Komosinsky, Bureau Chief

### Radiation Protection Element

Patrick Mulligan, Assistant Director

- Bureau of Environmental Radiation, Jenny Goodman, Bureau Chief
- Bureau of Nuclear Engineering, Ann Pfaff, Bureau Chief
- Bureau of X-Ray Compliance, Arthur Robinson, Bureau Chief

**Richelle Wormley**  
**Director**

**Division of Air  
Enforcement**

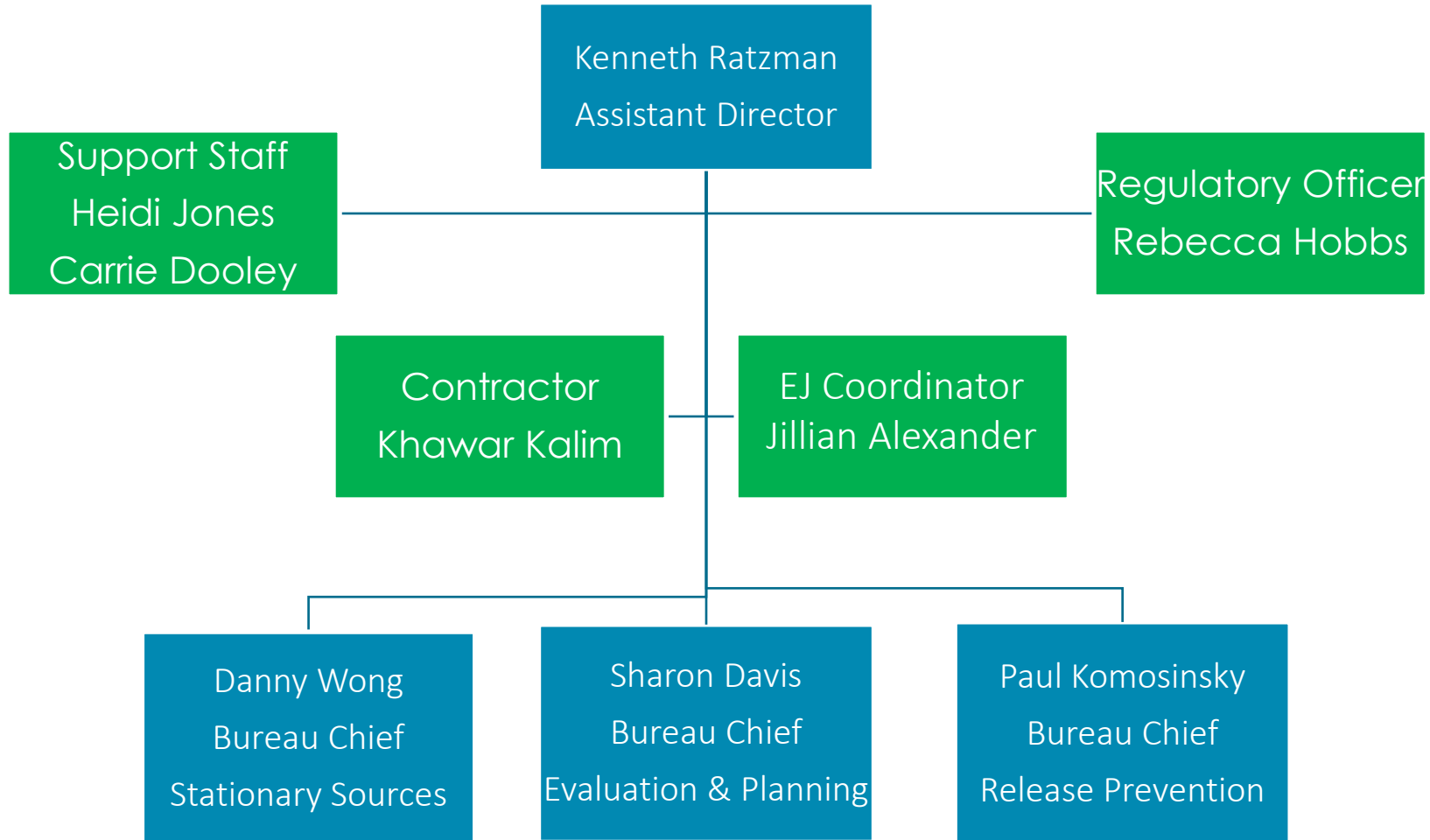
Bureau of Diesel Enforcement and Emission  
Measurements Larry Si, Bureau Chief

Bureau of Air Compliance and Enforcement –  
Northern  
Jeffrey Meyer, Bureau Chief

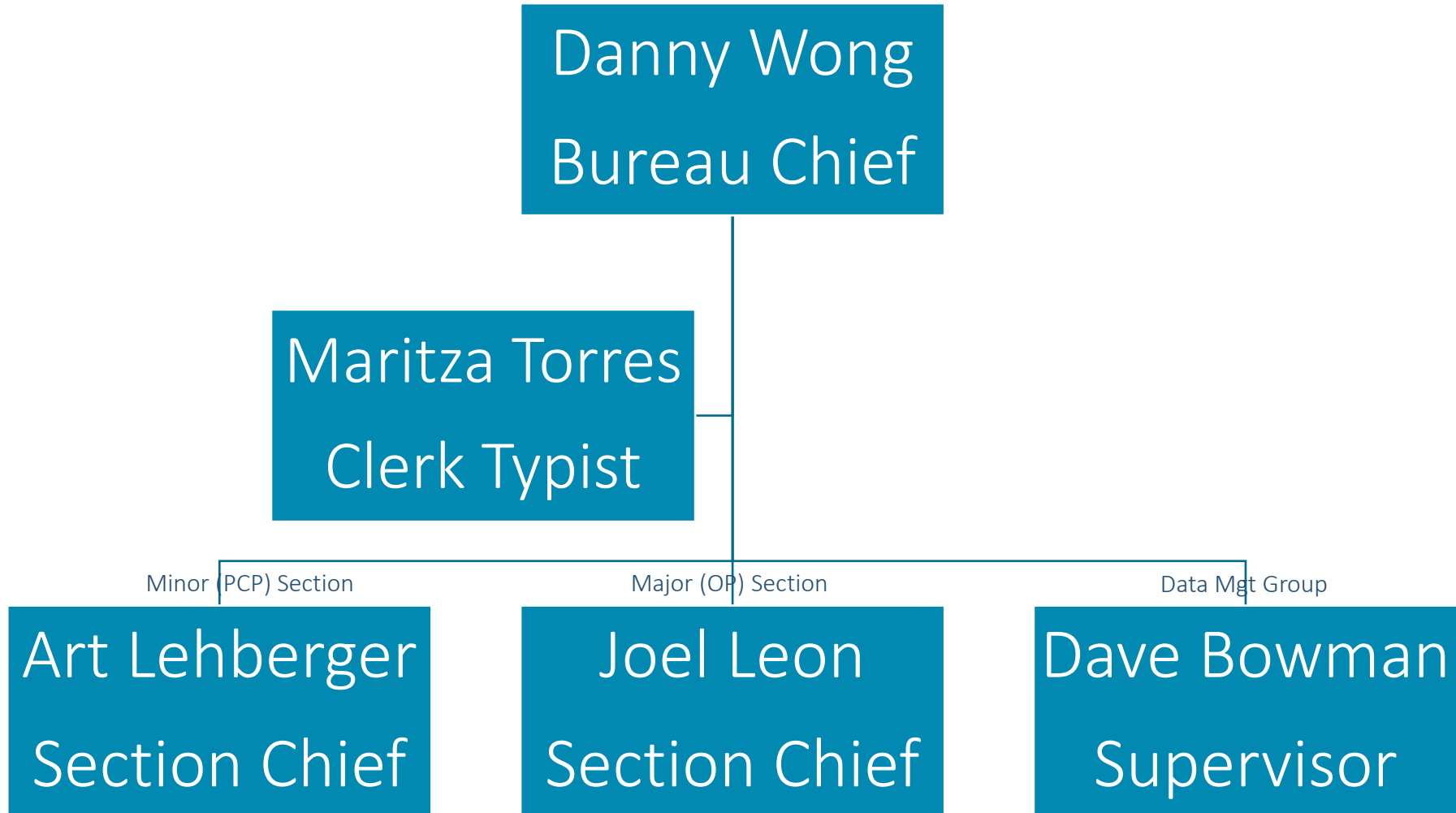
Bureau of Air Compliance and Enforcement –  
Southern  
James Scarvalli, Bureau Chief

Bureau of Air Compliance and Enforcement –  
Central  
Christopher Odgers, Bureau Chief

# Air Quality Regulation, Planning and Release Prevention



# Bureau of Stationary Sources



# Minor Source Program

Art Lehberger

Section Chief



## Supervisors

- Mayra Reyes – Minor Source Permits/GPs/Customer Reps
- Nibras Mir – Minor Source Permits

### Permitting Staff

Bennett Yalartai	Shirley Meisner
Connor Lapiska	Steven Kaplan
Krystian Dziewa	Jonah Varughese
Thomas Madan	Feng Lian
Jose Reyes	Hiral Khokhal
Farah Riyasat	Michelle Taubler
Morgan Meier	Anjali Patel
Vladmir Korolev	Gary Lester

VACANT (EE3)

### Customer Reps

Deanna Raber  
Lisa Toro  
Laura Rush

# Major Source Program

Joel Leon

Section Chief



## Supervisors

- Dave Owen – Major Source Permits/Emission Statements
- Kevin Greener – Major Source Permits
- Sunila Agrawal – Major Source Permits

### Permitting Staff

VACANT (EE3)	Thaddeus Soley	Boran Wang
Tim Pagodin	Booker George	Patrick Marshall
Aliya Khan	Francis McFadden	Devang Karnik
Michael Mankbadi*	William Forero	Thomas Loop*
Mike Hogan	Erica Maevisky	Chris Jensen
Chris Schwalje	Darshill Bhavsar	Maryum Hindi
VACANT (EE3)	Joseph Cusick	John Choi
Warren Smith*	Hanin Nashif	Brian Reilly**
Ted Chleboski	Adam Pagarigan	BACKFILL (EET)

\* - Also reviews Emission Statements

\*\* - Also reviews permit applicability

# Data & Tech Support

**Dave Bowman**

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Supervisor



- Mike Woolaver
- Sydne Bravo
- Alex Pagodin

# Bureau of Evaluation and Planning

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## Sharon Davis, Bureau Chief

Nicholle Worland  
Supervisor  
Air Quality  
Modeling & Toxics  
Evaluation

Brad Bollen  
MaryEllen Mason  
Christine Sookhdeo  
Jake Wallace  
Rachel Pearce  
Claudia Pukropski  
Alanna Harrington  
+1 vacancy

Shan He  
Supervisor  
Regional & Single  
Source Modeling

Yiling Zhang  
Brittany Shubiak  
Zachary Thelen  
Jesse Smires

John Gorgol  
Supervisor  
Transportation &  
GHG Support

James Koroniades  
Nicholas Cummins

Judy Rand  
Supervisor  
Criteria Air  
Pollutant Planning

Marcus Tutt  
Victoria Faranca  
Alexandra Lokerson  
Elizabeth Dellorco  
Leo Thottumari  
Zachary DeNuzzo  
+1 Backfill

# AIR PERMITTING WEBPAGE

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LIVE DEMO

<https://dep.nj.gov/boss/>

# UPDATE TO ENVIRONMENTAL JUSTICE



# Environmental Justice

## EJ Law

- N.J.S.A. 13:1D-157, et seq (<https://dep.nj.gov/wp-content/uploads/ej/docs/ej-law.pdf>)
- Sep 18, 2020

## EJ Rules

- N.J.A.C. 7:1C ([https://dep.nj.gov/wp-content/uploads/rules/rules/njac7\\_1c.pdf](https://dep.nj.gov/wp-content/uploads/rules/rules/njac7_1c.pdf))
- Apr 17, 2023

# NJDEP Process

## Pre-Oct 2024

- Office of Permitting & Projects Navigation (OPPN)

## Post-Oct 2024

- Air, Energy, & Materials Sustainability (AEMS)
  - AQ Regulation, Planning, & Release Prevention
    - Bureau of Stationary Source

**EJ Team**  
**AEMS AC Office**  
Jung Kim (Reg. Off.)

**DAQRP**

- Ken Ratzman
- Jillian Alexander
- Rebecca Hobbs
- Danny Wong

**DSWM**

- Christina Page (Exec. Asst.)
- Bureau Chiefs

# Online Tools

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- Office of Environmental Justice - <https://dep.nj.gov/ej/>
- Bureau of Stationary Sources, Program Updates - <https://dep.nj.gov/boss/program-updates/> (temporary)
- New webpage for processing EJ projects – soon to come

# Available Guidance on EJIS

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- EJ Rules Compliance Checklist
- Guidance for Developing an EJIS
- Public Notice Template
- More to come (under development)
- Questions – email [ej.regulation@dep.nj.gov](mailto:ej.regulation@dep.nj.gov)

# HELPLINES



GENERAL PERMITS  
(609) 633-2829



OPERATING PERMITS  
(609) 633-8248



PRE-CONSTRUCTION PERMITS  
(609) 292-6716



RADIUS  
(609) 292-6722