



September 2023

State Pretreatment Program Update Municipal Unit



NPDES Permit Branch

Michael Montebello, NPDES Branch Chief

Municipal NPDES Permitting Unit

Position currently vacant

[NPDES majors and minors with pretreatment, Pretreatment, Collection Systems-alternative sewers, variances, flow adjustments, assist with compliance & Fast Track programs]

Industrial NPDES Permitting Unit

Doug Dowden, Supervisor

Industrial Major Permits
Municipal speculative limits, modeling for POTW expansion]
Municipal AtC Permitting (including ARPA related WWTF projects)

Compliance and Expedited Permitting Unit

Position currently vacant

[NPDES minors, Water Treatment and General Permits, Compliance and SOC development, tax certifications]

Continued Supervisor Vacancies make processing and responding more complex.



Municipal Unit Staffing (updated 9/18/23)

Nick Coco, P.E

NPDES Permitting (Municipal Majors)
ATC Municipal wastewater system permitting
Special Projects
NPDES Consistency Review

Gary Perlmutter

NPDES Permitting (Municipal Majors)
NPDES Permit Consistency Review
Special Projects (E.C. Tracking)

Urva Patel (beginning September 18th) (New-Staff)

NPDES Permitting (Municipal Majors)
Special Projects
NPDES Permit Tracking

Temporary Staff

Teresa Rodriguez, former DWR NPDES program
NPDES Permitting (Municipal Majors)

Dale Crisp, P.E.

Sewer extension/Alternative sewer permitting
Variance reviews, flow reductions

Supervisor Position Vacant Municipal Unit

Kristin Litzenberger

Speculative Limits Development
Coordination with Modeling Unit
Assist with NPDES Permitting actions
Special Projects (Swamp Waters, E.C.)

Zac Lentz, P.E

Sewer extension/Alternative sewer permitting
Fast track permitting program oversight
Delegated permitting program oversight
Variance, flow reductions

Andrew Girgis (NEW-In training)

Collection System General Permits (WQCS)
Sewer extension permitting

Matthew Nevills

Document Management
Assist with collection system permitting
Assist with NPDES Permitting actions
Special Projects (Emerging Pollutant Tracking)

Keyes McGee

Pretreatment program oversight/compliance
Sewer system extension permitting
Training, Pretreatment Assistance

Octavio Henriquez, Pretreatment Coordinator *Pretreatment program oversight/compliance*

Training, Pretreatment Assistance

Al Woodall, Pretreatment Coordinator *Pretreatment program oversight/compliance*

Training, Pretreatment Assistance

Vacant, Pretreatment Coordinator *Pretreatment program oversight/compliance*

Training, Pretreatment Assistance

FirstName.LastName@deq.nc.gov

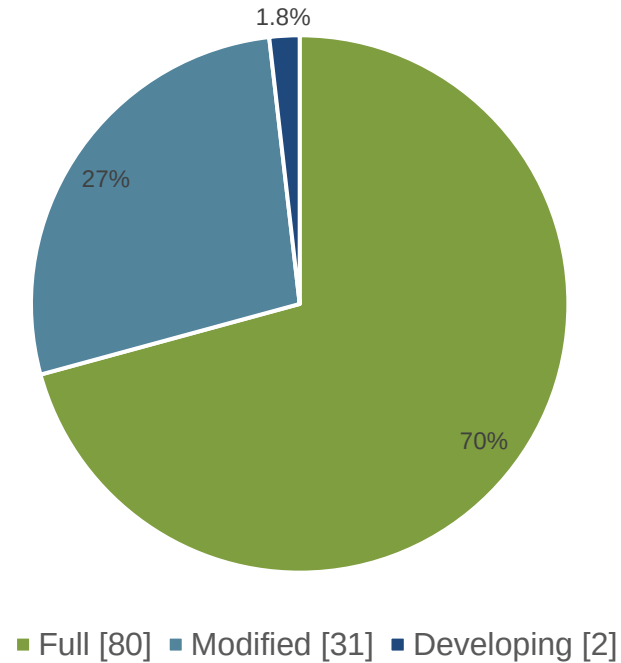


2023 Pretreatment Count in North Carolina



- 114 Pretreatment programs
- 600 Active SIUs
 - 24% Metals
 - 10% textile
 - 10% food processors
 - 5 % pharmaceuticals
 - 5% laundries
 - 4% OCPSF
 - 42% Other

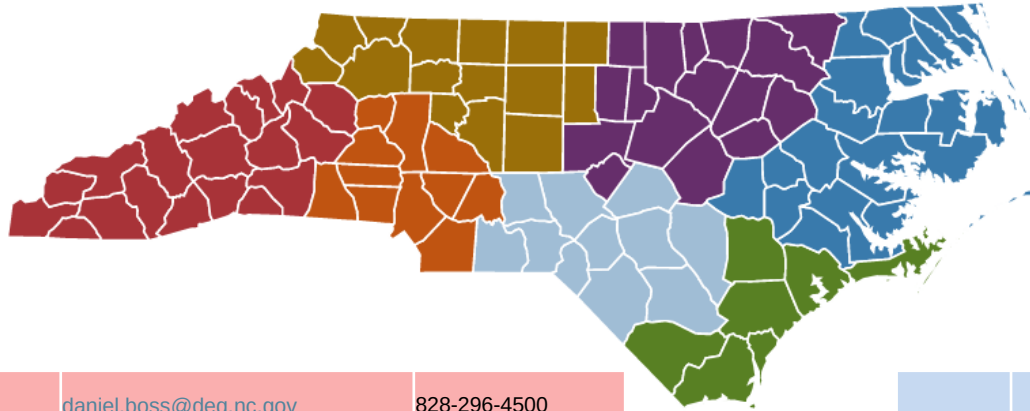
114 Pretreatment Programs



Approximately 45% of North Carolina's SIUs are Categorical Industrial Users (CIUs)



Pretreatment Regional Staff



Red: Asheville Regional Office

Orange: Mooresville Regional Office

Brown: Winston-Salem Regional Office

Purple: Raleigh Regional Office

Light Blue: Fayetteville Regional Office

Green: Wilmington Regional Office

Blue: Washington Regional Office

ARO	Daniel Boss	daniel.boss@deq.nc.gov	828-296-4500
ARO	Lauren Armeni	lauren.armeni@deq.nc.gov	828-296-4500
ARO	Rachel Rose	rachel.rose@deq.nc.gov	828-296-4500
ARO	Melanie Kemp	melanie.kemp@deq.nc.gov	828-296-4500
ARO	Mara Chamlee	mara.chamlee@deq.nc.gov	828-296-4500
MRO	Wes Bell	wes.bell@deq.nc.gov	704-663-1699
WSRO	Jenny Graznak	jenny.graznak@deq.nc.gov	336-776-9695
RRO	Cheng Zhang	cheng.zhang@deq.nc.gov	919-791-4259

FRO	Sharon Moran	sharon.moran@deq.nc.gov	910-916-3489
FRO	Stephanie Zorio	stephanie.zorio@deq.nc.gov	910-433-3322
FRO	Mark Brantley	mark.brantley@deq.nc.gov	910-433-3327
WIRO	Tom Tharrington	tom.tharrington@deq.nc.gov	910-796-7324
WIRO	Helen Perez	helen.perez@deq.nc.gov	910-796-7323
WARO	Robert Bullock	robert.e.bullock@deq.nc.gov	252-948-3843
WARO	Victoria Herdt	victoria.herd@deq.nc.gov	252-946-6481

NEW Emails: first.last@deq.nc.gov



Pretreatment & NPDES Programs Goals

Consistency in decisions between Pretreatment & NPDES Permitting

Resolve PQL Issues

- a. Update Long/Short Term Monitoring Plan (L/STMP) Models (In progress)
- b. Follow Pollutant of Concern (POC) Review

Address new issues under review by DEQ (having ready access to recent applications and sampling data (if needed))



Achievements for 2022-2023

- Industrial User Permit Renewals – 76
- Industrial User Permit Renewals Modifications - 59
- Industrial User Permit Renewals IUP Drops - 12
- Industrial User Permit Renewals IUP New – 19



Achievements for 2022-2023

- Sewer Use Ordinance - 5
- Enforcement Response Plans - 4
- New/Reactivated Programs – 1
- Developing New PT Programs – 3
- Assisted in IJA – 1



Future Projects 2023-2024

- Developing Solution to Replace FileMaker Pro (More access to program information for POTWs and Regional Office)
- Update to Comprehensive. Guide Chapter 4 (Adding new PQLs and addressing consortium questions/suggestions)
- Review/Update to Model IUP



Future Projects 2023-2024

- Continue Developing New Pretreatment Programs
- HWA Training
- DWR Staff Development



Pretreatment & NPDES Programs Goals

- Address backlog of Pretreatment Reviews
 - Increase staffing
 - Work on Streamlining process
 - Address comments from NC-PC group





Pretreatment Program Review Timeliness

Backlog of projects/requests

- Focus on
 - SIU permits
 - IWS and HWA's

We'll continue to ask for more information
(e.g., Emerging Pollutants)



Pretreatment Program Updates 2023

HWA Review Findings/Common Missing Items

- Obtain Water Quality Standards (WQS) from Reasonable Potential Analysis (RPA)
 - [Chronic concentration value]
- Provide ALL Sludge data when composting and land applying
 - Even when sludge is taken to a third party
- Variable/Inconsistent PQLs

Pollutants of Concern (POC) review Form

- Review PQLs used in L/STMP vs recommended PQLs
- Consistency in POC in NPDES permit, L/STMP, and HWA



Updates in Progress (CROMERR)

First EPA Approval in North Carolina for CROMERR compliance!

Charlotte Water took the time to develop and respond to EPA to get this approval action.

Next step is NPDES permit renewal of the CLT Irwin Creek NPDES Permit

Miller, Shirley <Miller.Shirley@epa.gov>

To: bgintert@charlottenc.gov

Cc: Hamilton, Renee <Hamilton.Renee@epa.gov> +14 others



Tue 9/12/2023 10:47 AM

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Dear Bill Gintert,

The CROMERR program confirms that the Charlotte Water SwiftComply system is CROMERR compliant. Per the process EPA Office of Information Management (OIM) agreed to with EPA Office of Water, it's up to the state or EPA Regional pretreatment coordinators (in your case the State of North Carolina) to take whatever final action they see fit in acting upon your program modification request as well as confirming compliance with separate 40 CFR 403 electronic reporting requirements. That process can be found here: <https://www.epa.gov/cromerr/cromerr-compliance-publicly-owned-treatment-works-pretreatment-program>



PFAS and Draft Method 1633

EPA Issues Guidance to States to Reduce Harmful PFAS Pollution

New EPA memo provides direction under NPDES permitting program to restrict PFAS at their source

December 6, 2022

Contact Information

EPA Press Office (press@epa.gov)

WASHINGTON — Today, the U.S. Environmental Protection Agency (EPA) released a memorandum to states that provides direction on how to use the nation's bedrock clean water permitting program to protect against per- and polyfluoroalkyl substances (PFAS). The guidance released today, which outlines how states can monitor for PFAS discharges and take steps to reduce them where they are detected, is part of the Agency's holistic approach to addressing these harmful forever chemicals under EPA's [PFAS Strategic Roadmap](#).

This action is a critical step in EPA's efforts to restrict PFAS at their source, which will reduce the levels of PFAS entering wastewater and stormwater systems and ultimately lower people's exposure to PFAS through swimming, fishing, drinking and other pathways.

"EPA is following through on its commitment to empower states and communities across the nation to address known or suspected discharges of PFAS," **said EPA Assistant Administrator for Water Radhika Fox**. "Today's action builds upon successful and innovative efforts already used by several states to safeguard communities by using our Clean Water Act permitting program to identify and reduce sources of PFAS pollution before they enter our waters."

The memorandum, [Addressing PFAS Discharges in National Pollutant Discharge Elimination System \(NPDES\) Permits and Through the Pretreatment Program and Monitoring Programs](#), will align wastewater and stormwater NPDES permits and pretreatment program implementation activities with the goals in EPA's [PFAS Strategic Roadmap](#). The memo recommends that states use the most current sampling and analysis methods in their NPDES programs to identify known or suspected sources of PFAS and to take action using their



PFAS and Draft Method 1633



Office of Water

www.epa.gov

July 2023

4th Draft Method 1633*

Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS



PFAS and Draft Method 1633

Industry categories known or suspected to discharge PFAS from the **EPA PFAS Strategic Roadmap** included:

- Organic chemicals, plastics & synthetic fibers (OCPSF)

- Metal finishing; electroplating

- Electric and electronic components

- Landfills

- Pulp, paper & paperboard

- Leather tanning & finishing

- Plastics molding & forming

- Textile mills

- Paint formulating

- Airports

This is not an exhaustive list and additional industries may also discharge PFAS.



NPDES Municipal Permitting Unit

Pretreatment Staff

- Michael Montebello - NPDES Permitting Branch Chief
 - Michael.Montebello@deq.nc.gov 919-707-3624

Current Central Office Pretreatment Staff

- Octavio.Henriquez@deq.nc.gov 919-707-3662
- Keyes.McGee@deq.nc.gov 919-707-3626
- Al.Woodall@deq.nc.gov 919-707-3608

NPDES Municipal Permitting Unit Office - Archdale Bldg, 9th floor

