

FY24 National Enforcement Investigations Center (NEIC) Menu of Services

Civil and criminal investigations, including process-based industrial facility investigations • Enforcement case development and support • Sampling and analysis to support investigations, including field measurements • Strategic planning from national perspective • Litigation support services, including consultation, expert reports, testimony, etc. • Specialized laboratory support services including targeted & non-targeted per-and polyfluoroalkyl substances (PFAS) and hydrofluorocarbons (HFCs)

AIR

Petroleum refineries, chemical plants, petroleum storage and distribution, pulp and paper mills, energy extraction, hazardous waste incinerator units

National emissions standards for hazardous air pollutants rules (Parts 61 and 63) applicability and compliance

New source performance standards (NSPS) applicability and compliance

CAA 112r

Other Field Services

- Leak detection and repair (LDAR) comparative monitoring
- Optical gas imaging survey

BWON compliance evaluations and training

GMAP mobile air monitoring vehicle (BTEX, EtO, SO₂, CH₄, total VOCs, H₂S)

GMAP 2.0 in development (BTEX, EtO, identify and measure specific VOCs)

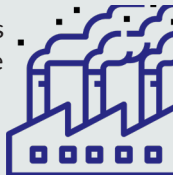
Air toxics sampling and analysis (air canisters, NESHAP sampling, etc.)

SPODs and diffusion tubes

Electronic data review and analysis (LDAR, COMs, CMS, and CEMs)

Case development, enforcement strategy, and settlement/litigation support

HFC Sampling



WATER

Industrial dischargers

Pretreatment

Municipal infrastructure/wet weather (CSO/SSO)

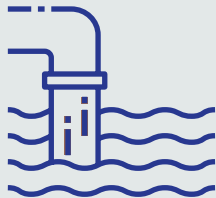
Wastewater treatment plant analysis and modeling, including climate change impacts

Safe Drinking Water Act (SDWA) – including complex disinfection byproducts investigations, lead and copper rule audits, **Section 1433 (ERP and RRA) evaluations**

Targeting initiative support (DMR Integrity)

Other Field Services

- PFAS evaluation and sampling



TRAINING

On-the-job inspection training

Custom CAA, CWA, EPCRA, RCRA, SDWA regulation/inspection trainings


Custom industry-specific courses

Process-based investigations

Sampling

Training for federal or state inspectors

LABORATORY

 Provide chemical identification and concentration of solid, liquid, and gas to assist in determining compliance with RCRA, CWA, and CAA

RCRA characteristic testing

Identity, concentration and potential source of contaminants in soil LDR treatment standards

Analysis of wastewater and environmental water samples for chemical content including PFAS compounds. Developing soil analysis methods.

Air toxics by TO-15A canisters

Ozone depleting chemicals analysis (refrigerants)

Pesticide analysis, including formulations, disinfectants, and herbicides

Pharmaceuticals/personal care products

Other Analytical Services

- Determination of composition and potential source of abandoned waste

EPCRA

Toxic release inventory (TRI) (\$313)

Spill report review

RCRA

Air emission regulations: Subparts AA/BB/CC

Facilities that treat waste to meet land disposal restrictions (LDRs) including the treatment of CRT glass

Unpermitted surface impoundments

Hazardous waste recycling facilities

Treatment, storage, and/or disposal facilities (TSDF)

Other Field Services

- Optical gas imaging survey
- LDAR including comparative monitoring
- TCLP sampling and analysis



OTHER SERVICES

Human health and ecological risk assessments

Toxicology expert witness testimony, reports, rebuttals, and consultations

Statistical and electronic data analysis

Source attribution assessments

Develop/optimize field sampling plans

 = New for FY24 Menu of Services