

2024 Highlights

ENVIRONMENTAL HEALTH & SAFETY

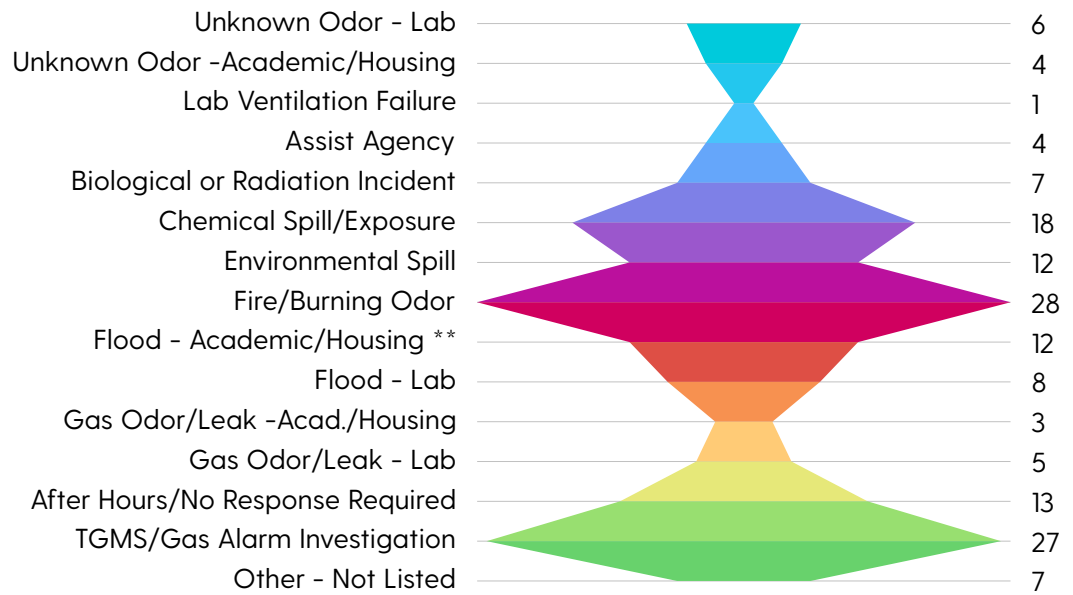


UNIVERSITY OF DELAWARE

2024 Emergency Response Incident Type

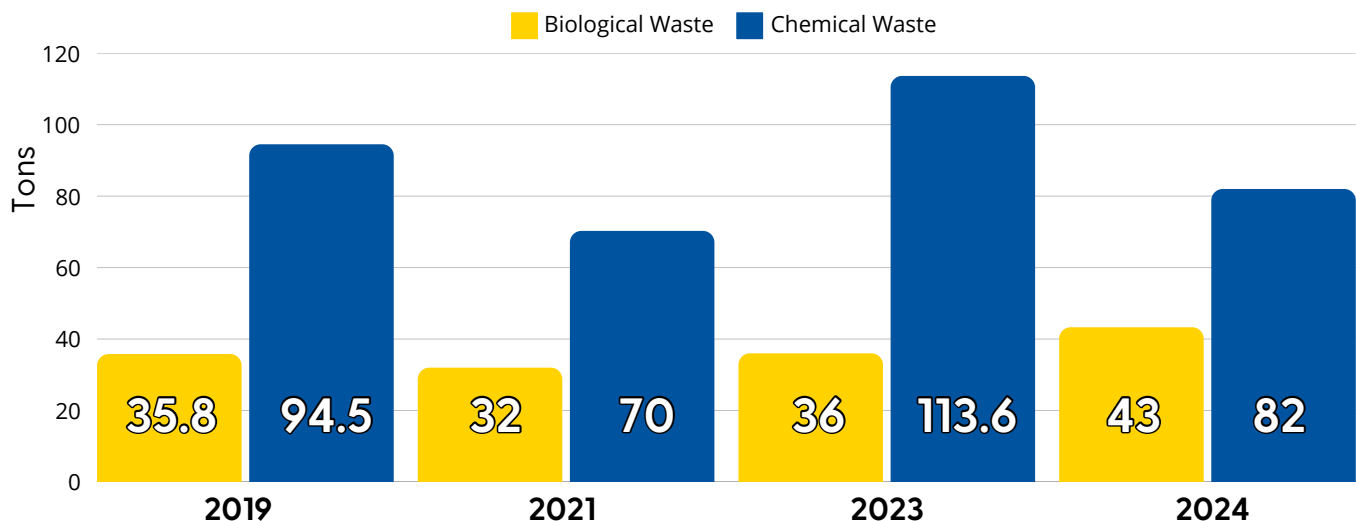
EHS Emergency Response

EHS staff manage numerous emergency incidents every year. 2024 had a 24% increase in responses over 2023. Of the 156 incidents, 76 occurred after normal business hours. In addition, EHS investigated an additional 135 Indoor Air Quality and flood events in 2024.



**After Hours Events Only

Waste Management - Biological & Chemical

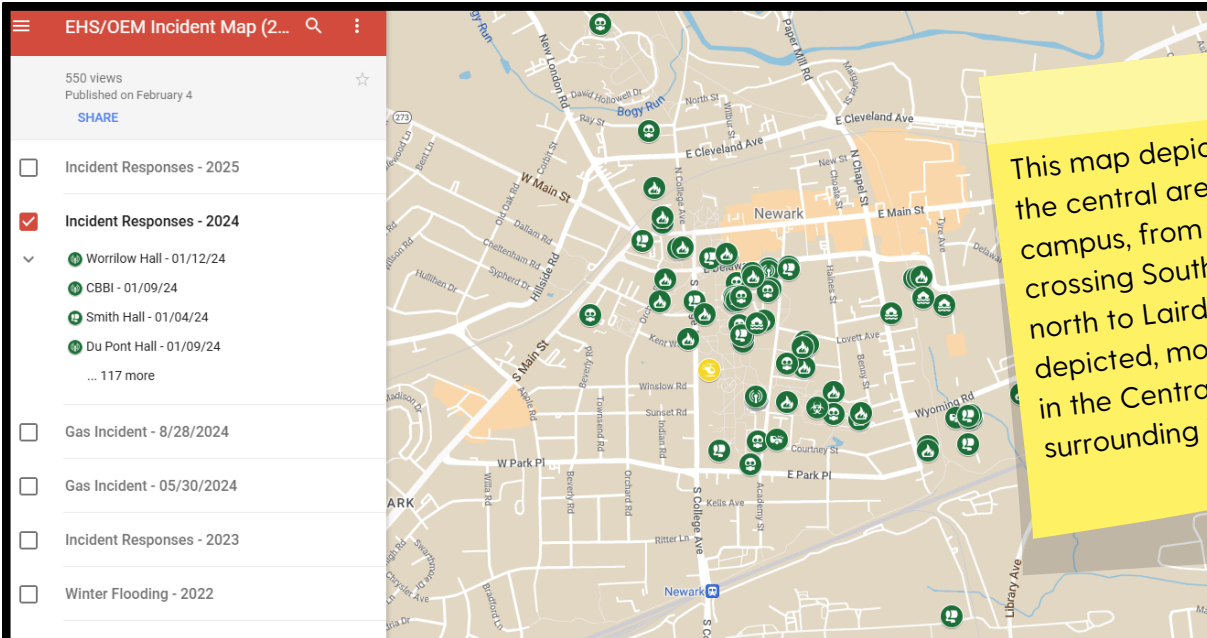


Our mission is to support and promote a culture of safety, environmental protection, and regulatory compliance through leadership and awareness.

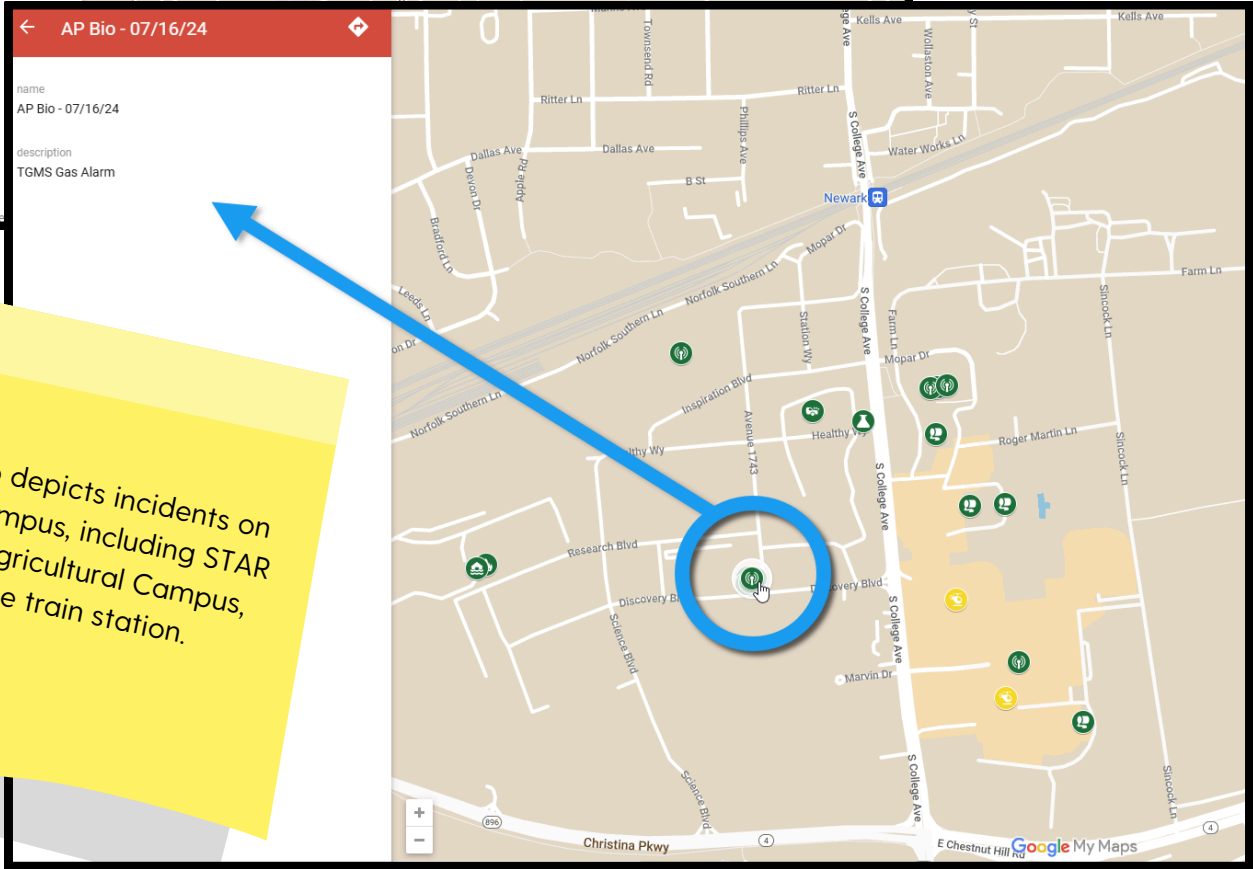


EHS INCIDENT MAP

EHS provides emergency response services across all University of Delaware campuses and locations throughout the state. This year, their efforts included responding to incidents at the University's labs located at Winterthur. The map below highlights the incidents that occurred in Newark, with each green circle representing the location of an emergency response. These incidents correspond to the data on the first page.



This map depicts incidents on the central area of the Newark campus, from the train tracks crossing South College Avenue, north to Laird Campus. As depicted, most incidents occur in the Central area, or buildings surrounding The Green.



This map depicts incidents on South Campus, including STAR and the Agricultural Campus, south of the train station.

BY THE NUMBERS 2024



Biosafety

Bloodborn Pathogen (BBP) Users - **2045** Biological Users - **1242** rDNA Users - **774**
BBP Permits - **140** Bioregistrations - **136** USDA Permits - **18** rDNA Registrations - **93**
Biosafety Cabinet Certifications - **311** Units

Medical Monitoring



217 People in Medical Monitoring Program
245 Respirator Fit Tests Performed
60 People in the Hearing Conservation Program

Construction/Maintenance Safety



1964 Hot Work Permits
62 Lockout/Tagout Requests
224 Confined Space Permits

Fire



196 Building Inspections
229 Fire Drills with over 11,000 Participants
175 Special Event Permits
125 Construction project plan reviews

Radiation

Inspections

39 Radiation
17 Xray
26 Laser

Registered Users

28 Radiation
285 Xray
292 Laser



Chemical



314 Labs/PIs with Chemical Hazards
314 Lab Inspections by EHS
2026 Active Chemical Users
2676 Inspections of Fume Hoods, Gas Cabinets, Canopy and Local Exhaust Points

Environmental Programs



6 Reports to Federal & State Agencies
3 New Emergency Generator Permits
90 Emergency Generators Documented for DNREC
6 Opacity Observations
325 Units Managed for Spill Prevention, Control and Countermeasures
1 Smoke Observation Certificates
11 Lead Inspections
61 Asbestos Inspections



QUICK FACTS



17,709 Total Trainings Completed in SciShield in 2024



147 AEDs Maintained



173 Safety Committee Meetings



994 People Certified in **101** Classes



9 Student Injuries

148 Employee Injury/Illness Reports



HAPPENINGS IN EHS

3rd Annual AP Bio Safety Stand Down

On September 26, 2024, EHS held the 3rd Annual AP Bio Safety Stand Down for all occupants of the AP Biopharmaceutical Innovation Center. The event started with a fire drill, and all lab spaces and offices were closed for the afternoon. Occupants of the building attended ten different safety stations, including chemical waste identification, fire extinguishers, personal protective equipment, and a fume hood smoke and laser light demonstration. The event was well received, and everyone seemed to take away some new safety knowledge. Thank you to Dr. Kelvin Lee for putting a focus on safety in AP Bio!



EHS Pops Up Throughout the University

During 2024, EHS continued its EHS Pop Up Events. Once a month, EHS sets up a table in a different building or department with a variety of safety topics. These stands provide an opportunity for faculty, staff, and students to meet EHS members in an informal, relaxed situation. Everyone gets a chance to meet the people in EHS outside of inspections and emergency responses, while picking up some EHS swag, a sweet or two, and just maybe some safety information.

EHS Adopts New Vision and Mission Statements

At the end of 2023, EHS worked with Human Resources to develop new Mission and Vision statements. These were adopted and put into practice at the beginning of 2024. This activity was part of the overall strategic planning initiative.

Mission: *To support and promote a culture of safety, environmental protection, and regulatory compliance through leadership and awareness.*

Vision: *To achieve excellence in safeguarding individuals, assets, and our natural surroundings within the university setting. We aim to seamlessly integrate safety and environmental stewardship into the core values of our campus.*