

HURRICANE RESPONSE RESOURCES

North Carolina State Laboratory of Public Health

Immediately after a hurricane, there are many environmental and infectious disease risks that pose threats to health and safety. The North Carolina State Laboratory of Public Health (NCSLPH) maintains scalable testing capacity to provide laboratory testing of drinking water, surge response testing for infectious diseases and advanced molecular detection for public health concerns.

Environmental Sciences



The Environmental Sciences Unit provides comprehensive analysis of drinking water.

PRIVATE WELL WATER ANALYSIS

- **Bacterial:** NCSLPH tests for the presence of coliform bacteria and *E. coli* in private drinking water wells following disinfection.
- **Chemical:** NCSLPH can test for [organic](#) and [inorganic](#) compounds.

WELL WATER SAMPLING RESOURCES

NCSLPH may provide well water sampling kits at no charge to LHDs affected by significant storms.

Well Water Analysis Results are available from your LHD. Results are also available on the NCSLPH website under **Microbiology, Organic Chemistry, & Inorganic Chemistry:**

[Environmental Science Test Results](#)

Contact your LHD well program or Environmental Health program for testing assistance.

[Find Your Local Health Department | Division of Public Health](#)

Infectious Diseases



If you are experiencing health issues, seek medical attention at a health care facility or in a telehealth appointment. Your provider will determine what testing is appropriate and can send samples to NCSLPH for testing.

FOODBORNE ILLNESS

NCSLPH tests patient samples for foodborne illness, including Shiga-toxin producing *E. coli*, *Salmonella*, *Shigella*, *Campylobacter*, *Vibrio*, and other foodborne related pathogens. The lab also uses molecular techniques for investigations.

WATERBORNE DISEASES

NCSLPH tests patient samples to identify:

- **Bacterial** pathogens, including *Vibrio spp.*
- **Parasitic** pathogens, including *Giardia lamblia*

Mycology: NCSLPH performs fungal infection testing for patients. [Contact an indoor air quality consultant or contractor](#) for environmental testing in your home.

Vector-Borne Disease: NCSLPH performs serologic testing for West Nile virus and La Crosse Encephalitis and sends additional testing to CDC.

Contact NCSLPH



NCSLPH will communicate hazardous condition delays and courier systems closures to LHDs. For specimen submission support, information or assistance reaching our units, contact:

NCSLPH Customer Service: Phone (919) 733-3937 | Online [NC DPH: State Laboratory of Public Health](#)

ADDITIONAL NCDHHS DISASTER RECOVERY RESOURCES

[Disaster Recovery Health and Safety | NCDHHS](#)