

**Environmental Hazards & Exposures Data Inventory**  
**Code Book: Abbreviations, Websites, and Color Coding Key**

<b>Pale Green</b>	<b>Topic Heading</b>
*Grey and Asterik	Discontinued data sets
Pale Yellow	Internal NCDHHS Webpages
<b>Red Font</b>	<b>One-stop Webpages of Priority</b>

**Data Custodian Abbreviation Key and Website**

<b>Abbreviations:</b>	<b>Title/Website</b>
ASTDR	<a href="#">Agency for Toxic Substances and Disease Registry</a>
GHO - WHO	<a href="#">Global Health Observatory - WHO</a>
IHME	<a href="#">Institute for Health Metrics and Evaluation</a>
NADP	<a href="#">National Atmospheric Deposition Program</a>
NC DAQ	<a href="#">North Carolina Division of Air Quality</a>
NC DEQ	<a href="#">North Carolina Department of Environmental Quality</a>
NC DMF	<a href="#">North Carolina Division of Marine Fisheries</a>
NC DPH	<a href="#">North Carolina Division of Public Health</a>
NC DWM	<a href="#">North Carolina Division of Waste Management</a>
NC DWR	<a href="#">North Carolina Division of Water Resources</a>
NCPFAST	<a href="#">North Carolina Per and Polyfluoroalkyl Substances Testing Network</a>
NWQMC	<a href="#">National Water Quality Monitoring Council</a>
US CDC	<a href="#">United States Centers for Disease Control and Prevention</a>
US DHHS	<a href="#">United States Department of Health and Human Services</a>
US EPA	<a href="#">United States Environmental Protection Agency</a>
USGS	<a href="#">United States Geological Survey</a>
Water Data Collaborative	<a href="#">Water Data Collaborative</a>
WHO	<a href="#">World Health Organization</a>

## Mapping Tools

Broad Category	Mapping Tool Name	Data Custodian	High Level Description of information available	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Agency - Webpage	Contact
NC Environmental Map	<a href="#">NC DEQ Online GIS</a>	NC DEQ	Maps, applications, and downloadable data for NC Dept. of Environmental Quality.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/">https://deq.nc.gov/</a>	877-623-6748
US Environmental Map	<a href="#">National Environmental Public Health Tracking Network</a>	US CDC	Map and downloadable data combining environmental data, health effects, and population health.	Present	National	GIS	Public	<a href="https://ephracking.cdc.gov/">https://ephracking.cdc.gov/</a>	
US Environmental	<a href="#">EnviroMapper for Envirofacts</a>	US EPA	Map of environmental activities and facilities from select EPA environmental data	Present	National	GIS	Public	<a href="https://enviro.epa.gov/">https://enviro.epa.gov/</a>	
Air Quality	<a href="#">Urban Air Toxics Network (UAT)</a>	NC DAQ	Map and downloadable data of facilities regulated by air quality.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/air-quality/air-quality-data/urban-air-toxics-network">https://deq.nc.gov/about/divisions/air-quality/air-quality-data/urban-air-toxics-network</a>	919-707-8453
Brownfields	<a href="#">Brownfields Projects Map</a>	NC DWM	Map of Brownfield projects.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/waste-management/brownfield-program">https://deq.nc.gov/about/divisions/waste-management/brownfield-program</a>	<a href="https://deq.nc.gov/about/divisions/waste-management/bf/contacts">https://deq.nc.gov/about/divisions/waste-management/bf/contacts</a>
Coastal Management	<a href="#">Coastal Management GIS Data</a>	NC DEQ	Coastal Wetlands spatial data & Oceanfront Construction Setback and erosion rates	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/coastal-management/coastal-management-data/setback-factor-maps-1998-shoreline/coastal-wetlands-spatial-data">https://deq.nc.gov/about/divisions/coastal-management/coastal-management-data/setback-factor-maps-1998-shoreline/coastal-wetlands-spatial-data</a>	877-623-6748
Debris Sites Map	<a href="#">Active Disaster Debris Sites Map</a>	NC DEQ	Map and data	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/solid-waste-section/disaster-debris">https://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/solid-waste-section/disaster-debris</a>	
DSCA Sites and Facilities	<a href="#">DSCA Map</a>	NC DWM	Map of DSCA program facilities sites and dry-cleaning contaminant plumes.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/waste-management/contact-waste-management">https://deq.nc.gov/about/divisions/waste-management/contact-waste-management</a>	919-707-8359

Environmental	<a href="#">Global Burden Disease Comparison</a>	IHME	Global burden of disease comparison by risk factors such as environmental risk for year, age, sex, country.	1990 - 2019	Global	Web	Public	<a href="http://www.healthdata.org/">http://www.healthdata.org/</a>	
Environmental	<a href="#">MyEnvironment</a>	US EPA	Air, water and more environmental factors data by location.	Present	National	GIS	Public	<a href="https://www.epa.gov/enviro/envirofacts-overview">https://www.epa.gov/enviro/envirofacts-overview</a>	
Environmental	<a href="#">EnviroAtlas</a>	US EPA	Geospatial data related to ecosystems services, chemical and non-chemical stressors and human health by location.	Present	National	GIS	Public	<a href="https://www.epa.gov/enviroatlas">https://www.epa.gov/enviroatlas</a>	
Environmental	<a href="#">Report on the Environment (ROE) Indicators</a>	US EPA	80+ ROE Indicators related to theme areas of air, water, land, human exposure and health, and ecological conditions.	Dependent on Indicator	National	Web/GIS	Public	<a href="https://www.epa.gov/report-environment">https://www.epa.gov/report-environment</a>	
Environmental	<a href="#">Environmental Benefits Mapping and Analysis Program</a>	US EPA	Computer program and mapping software that estimates number and economic value of air pollution related-deaths and illnesses.	Present	National	GIS	Some public; software is available upon request	<a href="https://www.epa.gov/benmap/benmap-downloads">https://www.epa.gov/benmap/benmap-downloads</a>	<a href="https://www.epa.gov/benmap/forms/contact-us-about-benmap">https://www.epa.gov/benmap/forms/contact-us-about-benmap</a>
Environmental	<a href="#">Environmental Quality Index</a>	US EPA	Data in five domains: air, water, land, built, sociodemographic environments to provide county level snapshot.	Present	National	GIS	Public	<a href="https://ecomments.epa.gov/eqi/">https://ecomments.epa.gov/eqi/</a>	
Environmental	<a href="#">Environmental Justice Screening and Mapping Tool</a>	US EPA	Map combining environmental and demographic indicators.	Present	National	GIS	Public - advanced	<a href="https://www.epa.gov/ejscreen">https://www.epa.gov/ejscreen</a>	<a href="https://www.epa.gov/ejscreen/forms/contact-us-about-ejscreen">https://www.epa.gov/ejscreen/forms/contact-us-about-ejscreen</a>

Environmental	<a href="#">Public Health and Environment</a>	GHO - WHO	Maps, applications, and downloadable data on various environmental indicators.	Present	Global	Web	Public		
Exposure Assessment	<a href="#">ExpoBox: A Toolbox for Exposure Assessors</a>	US EPA	Toolbox to assist stakeholders in assessing exposure with links to guidance documents, databases, models and other resources.	Present	National	Web	Public	<a href="https://www.epa.gov/expobox">https://www.epa.gov/expobox</a>	<a href="https://www.epa.gov/expobox">https://www.epa.gov/expobox</a>
Facility Compliance	<a href="#">ECHO Enforcement and Compliance History Online</a>	US EPA	Interactive website to search facilities and assess their compliance with environmental regulations by various filters including locations.	Present	National	Web/GIS	Public	<a href="https://echo.epa.gov/">https://echo.epa.gov/</a>	<a href="https://echo.epa.gov/resources/general-info/contact-us">https://echo.epa.gov/resources/general-info/contact-us</a>
Fish Kill	<a href="#">Fish Kill and Algal Bloom Dashboard</a>	NC DWR	Map of citizen reports for fish kills and algal blooms	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/nc-fish-kill-activity/fish-kill-events">https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/nc-fish-kill-activity/fish-kill-events</a>	919-743-8506
Groundwater	<a href="#">Ambient Groundwater Quality Monitoring Network</a>	NC DEQ	Active and inactive monitoring wells and ground water quality	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/">https://deq.nc.gov/</a>	877-623-6748
Groundwater	<a href="#">USGS National Groundwater Dashboard</a>	USGS	Active real-time data from over 13,500 water monitoring stations nationwide.	Present	National	GIS	Public	<a href="https://www.who.int/data/gho/data/themes/topics/topic-details/GHO/total-environment">https://www.who.int/data/gho/data/themes/topics/topic-details/GHO/total-environment</a>	
Hazardous Waste Sites	<a href="#">Hazardous Waste Sites Map</a>	NC DWM	Location of sites regulated by hazardous waste portions of the RCRA.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/waste-management/contact-waste-management">https://deq.nc.gov/about/divisions/waste-management/contact-waste-management</a>	
Hazardous Waste Sites	<a href="#">Cleanups in My Community</a>	US EPA	Map and list of hazardous waste cleanup locations.	Present	National	GIS	Public	<a href="https://www.epa.gov/cleanups/cleanups-my-community">https://www.epa.gov/cleanups/cleanups-my-community</a>	
Private Wells	<a href="#">Well Permit Decision Tool</a>	NC DEQ & DHHS	Known sources of contamination near proposed private wells	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/nod-e/83148">https://deq.nc.gov/nod-e/83148</a>	877-623-6748
Radon	<a href="#">Radon Map</a>	NC DHHS	Map and data of radon levels and zones in North Carolina.	Present	National	GIS	Public	<a href="http://www.ncradon.org/Map_and_Data.html">http://www.ncradon.org/Map_and_Data.html</a>	

River Network	<a href="#">River Network</a>	Water Data Collaborative	Map of rivers protected by the Wild and Scenic Rivers Act and relevant stakeholders	Present	National	GIS	Public	<a href="https://waterdatacollaborative.org/">https://waterdatacollaborative.org/</a>	<a href="https://waterdatacollaborative.org/contact/">https://waterdatacollaborative.org/contact/</a>
Risk Screening Environmental Indicators	<a href="#">Risk Screening Environmental Indicators Model</a>	US EPA	Data/Map on releases of toxic substances from industrial facilities.	2007-2019	National	GIS	Public	<a href="https://www.epa.gov/rs_ei">https://www.epa.gov/rs_ei</a>	<a href="https://www.epa.gov/rsei/forms/contact-us-about-rsei-model">https://www.epa.gov/rsei/forms/contact-us-about-rsei-model</a>
Shellfish Sanitation and Recreational Water Quality	<a href="#">Shellfish Sanitation Temporary Closure Public Viewer</a>	NC DMF	Map of shellfish closure proclamations	Present	Statewide	Geodatabase/ArcGIS	Public		252-726-7021 or 800-682-2632
Waste Management	<a href="#">Division of Waste Management Site Locator Tool</a>	NC DWM	Map of sites managed by DWM, permits, and inventories	Dates in the metadata of layers	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/waste-management">https://deq.nc.gov/about/divisions/waste-management</a>	919-707-8200
Water Quality	<a href="#">Ambient Lakes Monitoring</a>	NC DEQ	Map of lake monitoring stations.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/intensive-survey-branch">https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/intensive-survey-branch</a>	919-743-8496
Water Quality	<a href="#">How's My Waterway</a>	US EPA	Water quality data for swimming, fish consumption, aquatic life, drinking water, monitoring by location.	Present	National	Web	Public		Yes
Water Quality	<a href="#">Water Resources Data, Statistics and Maps</a>	NC DWR	Maps of various water quality resources including watersheds, animal feeding, ground water levels and modeling.	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/water-resources">https://deq.nc.gov/about/divisions/water-resources</a>	
Water Quality	<a href="#">Water Quality Portal</a>	NWQMC	Map and data of water quality by location.	Present	National	GIS	Public	<a href="https://www.waterqualitydata.us/">https://www.waterqualitydata.us/</a>	1-800-424-9067
Water Quality	<a href="#">National Water Dashboard</a>	USGS	Map of USGS stations, weather conditions and hydrology.	Present	National	GIS	Public	<a href="https://www.usgs.gov/mission-areas/water-resources/data-tools">https://www.usgs.gov/mission-areas/water-resources/data-tools</a>	
Water Quality	<a href="#">Division of Water Resources Map Locator</a>	NC DEQ	Map and downloadable data	Present	Statewide	GIS	Public	<a href="https://deq.nc.gov/about/divisions/water-resources#tab-6">https://deq.nc.gov/about/divisions/water-resources#tab-6</a>	919-807-6453

Toxic Release	<a href="#">Toxic Release Inventory Map</a>	US EPA	Map of disposal and releases of Toxics Release Inventory chemicals.	1987-2019	National	GIS	Public	<a href="https://www.epa.gov/toxics-release-inventory-tri-program/forms/tri-program-contacts">https://www.epa.gov/toxics-release-inventory-tri-program/forms/tri-program-contacts</a>	
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## Contaminated Sites - Soil and/or Groundwater

Broad Category	Data set/System Name	Data Custodian	High Level Description of Information Available	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Number	GIS available
Superfund	<a href="#">DSCA (Dry Cleaning Remediation sites)</a>	NC DWM	Data and map of DSCA site and location, both active and inactive.	2014 - Present	Statewide	Excel	Public	919-707-8359	Yes
Superfund	<a href="#">National Priority List Sites</a>	US EPA	Data and map of name of site and location of national priority.	Present	National	Web/GIS	Public	919-707-8327	Yes
Superfund	<a href="#">Manufactured Gas Plant Map</a>	NC DWM	Map of name of MGP site and location.	Present	Statewide	GIS	Public	919-707-8359	Yes
Superfund	<a href="#">Pre-regulatory Landfills Map</a>	NC DWM	Map of name of pre-1983 municipal landfill site and location.	Present	Statewide	GIS	Public	919-707-8325	Yes
Hazardous Waste Sites	<a href="#">Hazardous Waste Sites Map</a>	NC DWM	Map of the location of sites regulated by hazardous waste portions of the RCRA.	Present	Statewide	GIS	Public	919-707-8202	Yes
Hazardous Waste	<a href="#">Closure/Post-Closure Care/Corrective Action sites</a>	US EPA	Query search databank with name of RCRA site and location with query search.	Present	National	EPA (RCRA Info)	Public	919-707-8202	No
Underground Storage Tanks	<a href="#">UST Finder</a>	US EPA	Map of name of UST and LUST site and location.	Present	National	GIS	Public	919-707-8263	Yes
Underground Storage Tanks	<a href="#">Registered Tanks Database</a>	NC DWM	Data with name of site and location of registered tanks.	Present	Statewide	Access/Excel	Public	919-707-8263	Yes
Underground Storage Tanks	<a href="#">UST Facility Database</a>	NC DWM	Data with name of site and location of underground storage tank facilities.	Present	Statewide	Access	Public	919-707-8263	Yes
Underground Storage Tanks	<a href="#">State Cleanup Funds Database</a>	NC DWM	Data with name of site and location of state cleanup funds.	Present	Statewide	Access	Public	919-707-8263	Yes
Underground Storage Tanks	<a href="#">Incident Management Database (Regional Underground Storage Tanks)</a>	NC DWM	Data of incidence management by name of site and location.	Present	Statewide	Access/Excel	Public	919-707-8263	Some
Underground Storage Tanks	<a href="#">Above Ground Storage Tanks</a>	NC DWM	Data on above ground storage tanks by name of site and location.	Present	Statewide	Access/Excel	Public	919-707-8263	Some
Underground Storage Tanks	<a href="#">Soil permitting - land application of petroleum contaminated soils</a>	NC DWM	Map and downloadable data of permits for petroleum sites.	Present	Statewide	GIS	Public	919-707-8263	Yes
Brownfields	<a href="#">Brownfields Database</a>	NC DWM	Map of Brownfield site names and locations.	Present	Statewide	GIS	Public	919-707-8230	Yes
Federal Remediation Sites	<a href="#">Federal Remediation Sites</a>	NC DEQ	Map of Federal Remediation site names and locations.	Present	Statewide	GIS	Public	877-623-6748	Yes

Waste Management	<a href="#">Division of Waste Management Site Locator Tool</a>	NC DWM	Map of sites managed by DWM, permits, and inventories	Dates in the metadata of layers	Statewide	GIS	Public	919-707-8202	Yes
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Toxic Substances Release

Broad Category	Data set/System Name	Data Custodian	High Level Description of Information Available	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Number	GIS available
Toxic Substance	Chemical Preparedness and Response Surveillance Program	NC DPH	Information on toxic substance release that occurs within the state.	2010 - Present	Statewide		Internal Staff Only	919-707-5900	
Toxic Substance	<a href="#">Hazardous Substances Emergency Events Surveillance</a>	US DHHS (ATSDR)	Information on acute releases of hazardous substances in the state.	1993 - 2009	Statewide, some National	CD-ROM	HSEES Service or Material Request Form Required	<a href="https://www.atsdr.cdc.gov/hsees/ATSDR_contacts.html">https://www.atsdr.cdc.gov/hsees/ATSDR_contacts.html</a>	No
Toxic Substances	<a href="#">National Toxic Substance Incidents</a>	US CDC	Information on acute releases of hazardous substances in the state.	2010-2014	National	Excel/SAS	Public		No
Toxic Substances	<a href="#">Toxics Release Inventory National Analysis</a>	US EPA	Data on waste management, releases, recycling, and pollution of selected chemicals.	2019	National	EPA (TRI Data)	Public	<a href="https://www.epa.gov/trination/analysis/forms/contact-us-about-tri-national-analysis">https://www.epa.gov/trination/analysis/forms/contact-us-about-tri-national-analysis</a>	Yes

Waste Management Facilities

Broad Category	Data set Name	Data Custodian	High Level Description of information available	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Agency - Webpage	Contact Number	GIS available
Superfund	<a href="#">DSCA Site and Facility Inventories</a>	NC DWM	Dry Cleaning Solvent Cleanup Act facility and inspection visits	Present	Statewide	Excel	Internal Staff only	<a href="https://deq.nc.gov/abou/divisions/waste-management/dry-cleaning-solvent-cleanup-act-program">https://deq.nc.gov/abou/divisions/waste-management/dry-cleaning-solvent-cleanup-act-program</a>	919-707-8961	<a href="#">Public map tool available</a>
Solid Waste	Solid Waste Management Facilities	NC DWM	Lists name of site and location.	Present	Statewide	Access	Internal Staff only	<a href="https://deq.nc.gov/abou/divisions/waste-management/solid-waste-section">https://deq.nc.gov/abou/divisions/waste-management/solid-waste-section</a>	919-707-8201	Yes
Solid Waste	<a href="#">Solid Waste Permitted Facilities</a>	NC DWM	Data on the name and location of solid waste permitted facilities, septage firms, and scrap tire collection sites.	Present	Statewide	Access/Excel	Public	<a href="https://deq.nc.gov/abou/divisions/waste-management/solid-waste-section">https://deq.nc.gov/abou/divisions/waste-management/solid-waste-section</a>	919-707-8201	Yes
Hazardous Waste	<a href="#">Hazardous Waste Management Facilities</a>	NC DEQ	Map of site and location of hazardous waste sites map.	Present	National	GIS	Public		877-623-6748	Yes
Underground Storage Tanks	TIMS - permitted Underground Storage Tanks	NC DWM	Lists name of sites, cleanup funds, incident management, location, and civil penalties	Present	Statewide	Access/Excel	Internal Staff only	<a href="https://deq.nc.gov/abou/divisions/waste-management/ust">https://deq.nc.gov/abou/divisions/waste-management/ust</a>	919-707-8204	Yes

Aquifer Protection

Broad Category	Data set/System Name	Data Custodian	High Level Description of information available	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Agency - Webpage	Contact Number	GIS available
Wastewater Disposal Sites	Land Application Permit Database	NC DWR			Statewide	db2	Internal Staff only	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6453	Yes
Wastewater Disposal Sites	Animal Feeding Operation Program Permitted Facilities	NC DWR	Name of site, location, type of permit, permit number for swine, cattle, and wet poultry CAFOs		Statewide	db2	Internal Staff only	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6340	Yes
Wastewater Disposal Sites	<a href="#">Animal Feeding Operation Facilities</a>	NC DWR	Data and map of permitted animal facilities and feeding operations by permit number and location.	Present as of 4/2020	Statewide	Excel	Public	<a href="https://deq.nc.gov/about/divisions/water-resources/water-quality-permitting/animal-feeding-operations">https://deq.nc.gov/about/divisions/water-resources/water-quality-permitting/animal-feeding-operations</a>	919-707-9129	Yes
Injection Wells	<a href="#">Underground Injection Control Wells Program</a>	NC DWR	Data on underground Injection well inventory with site and location.	Present as of 10/2020	Statewide	Excel	Public	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6340	No
Injection Wells	<a href="#">Aquifer Exemptions Map</a>	US EPA	Map, facts, data initiative and downloadable data of of aquifer exemptions with locations.	Present	National	GIS/Excel	Public	<a href="https://www.epa.gov/wic/forms/contact-us-about-underground-injection-control">https://www.epa.gov/wic/forms/contact-us-about-underground-injection-control</a>		Yes
Injection Wells	Injection wells	NC DWR	Name of site, location, type of permit, permit number for permitted injection wells (groundwater remediation, geothermal heat pumps, etc.)	Present	Statewide	db2	Internal Staff only	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6340	Yes
Well Construction Information	DWQ-Permitted Wells	NC DWR	Name of site, location, type of permit, permit number for large capacity water supply wells and off-site monitoring wells	Present	Statewide	db2	Internal Staff only	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6340	Yes
Well Construction Information	Well Construction Records	NC DWR	Driller-provided well construction details for any type of well.	Present	Statewide	Oracle	Internal Staff only	<a href="http://portal.ncdenr.org/web/wg#tab-6">http://portal.ncdenr.org/web/wg#tab-6</a>	919-807-6340	No

Outdoor/Indoor Air Quality

Broad Category	Data Set/System Name	Data Steward/ Data Custodian	High Level Description of Data	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Number	GIS available
Outdoor Air Quality	<a href="#">I-BEAM</a>	NC DEQ	Data on air emissions, ambient monitoring data, inspection reports, facility information.	Some limited data from 1993, the bulk is 2001 to Present	Air permitted facilities statewide	Oracle based	NCID and password required	919-707-8449	No
Outdoor Air Quality	<a href="#">Air Quality Monitoring</a>	NC DAQ	Monitoring data of ambient air measurements by pollutant or site, map of monitoring locations, and current air quality index	Present, real time	Statewide	Web/GIS	No	919-707-8449	Yes
Outdoor Air Quality	<a href="#">Pollen Report</a>	NC DAQ	Data on pollen monitoring.	Present, real time	Statewide	Web	No	919-707-8449	No
Outdoor Air Quality	<a href="#">NC ECONet</a>	NC State University	Daily, weekly, monthly, and yearly ambient temperature included from 43 geocoded monitoring stations.	Present, real time	Statewide, 43 stations	Web/GIS	No	<a href="mailto:climate-office@ncsu.edu">climate-office@ncsu.edu</a>	Yes
Outdoor Air Quality	<a href="#">Ambient Air Monitoring Assessments</a>	US EPA	Dashboards on particulate matter and gaseous monitoring (CO, NO2, NO, ozone, SO2, Noy) data quality.	1991 - Present	National	Web	No	<a href="https://www.epa.gov/amtic/for-ms/contact-us-ambient-monitoring-technology-information-center-amtic">https://www.epa.gov/amtic/for-ms/contact-us-ambient-monitoring-technology-information-center-amtic</a>	No
Outdoor Air Quality	<a href="#">Clean Air Status and Trends Network (CASTNET)</a>	US EPA	Data on long term atmospheric monitoring program of sites in US and Canada measuring weekly ambient atmospheric concentrations including acidic dry deposition.	1987 - Present	National, some Canada	Web/Java	No	<a href="https://www.epa.gov/castnet">https://www.epa.gov/castnet</a>	Some
Outdoor Air Quality	<a href="#">Air Pollution PM2.5</a>	US CDC	Data at the census tract and county level modeled predictions of particulate matter and ozone levels.	2001 - Present	National, at County/Census Level	Excel	No		Yes
Carbon Monoxide, Lead, Particulate matter, Sulfur Dioxide, Nitrogen Oxides	<a href="#">Air Quality System (AQS)</a>	US EPA	Ambient air measurements, meteorological data, and data quality assurance/quality control information.	1993-Present	National	Unknown	Not a registered user or need detailed data for years prior to 10 years ago, need user access rights.	N/A	No

Precipitation Chemistry	<a href="#">National Atmospheric Deposition Program</a>	NADP (Various federal and state partners)	Monitoring data and maps of precipitation chemistry through five monitoring networks and as a cooperative effort between agencies.	1977 - Present	National	Web/GIS	No	<a href="http://nadp.slh.wisc.edu/nadp/contacts.aspx">http://nadp.slh.wisc.edu/nadp/contacts.aspx</a>	Yes
Air Quality	<a href="#">AirNow</a>	US EPA	Real-time air quality index and pollutant data for reporting AQI to the public; not subjected to full validation.	Real-time	National	Web	Public	<a href="https://www.airnow.gov/about-airnow/">https://www.airnow.gov/about-airnow/</a>	Yes
Air Quality	<a href="#">Meteorology</a>	NC DEQ	Raw hourly, daily and sub hourly data.	2005-2011	Statewide	Web	Public	877-623-6748	County specific
Air Quality	<a href="#">Detailed Raw Ozone Data</a>	NC DEQ	Data and maps of 8 hour ozone violations over a 2-year period.	1994-2011	Statewide	Web	Public	788-623-6748	County specific
Emission Inventories	<a href="#">Greenhouse Gas Inventory</a>	US EPA	Data explorer for annual inventory of Greenhouse Gas Emissions and Sinks by sector and year.	1990-Present	National	Web/Excel	Public	<a href="https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks">https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks</a>	No
Emission Inventories	<a href="#">Reported and Assumed Emission Inventory</a>	NC DAQ	Data for reported and assumed emissions for specified calendar year for all permitted facilities.	2010-2019	Statewide	Excel	Public	919-707-8717	No
Emission Inventories	<a href="#">Point Source Emissions Report</a>	NC DAQ	Permitted point sources data by county, pollutant and emissions.	1993 - 2018	Statewide	Web	Public	919-707-8717	Yes
Emission Inventories	<a href="#">Emissions Inventory System</a>	US EPA	Data on air emissions from criteria pollutants and hazardous air pollutants.	Trend Reporting 1970-2014, 3 year reporting cycle 2005 - 2020	National	Various (Web/Excel/Access)	Public interactive NEI report and data exploration tools. EIS gateway requires user access and rights.	<a href="https://www.epa.gov/air-emissions-inventories/forms/contact-us-about-air-emissions-inventories">https://www.epa.gov/air-emissions-inventories/forms/contact-us-about-air-emissions-inventories</a>	Some, year dependent
Indoor Air Quality	<a href="#">Radon Zones</a>	US EPA	Location and radon zone and level classifications.	Map 1993; Excel 2020	National	Web/Excel	Public	828-712-0972	Yes
Solar Radiation	<a href="#">Solar Radiation Datasets</a>	US CDC	County level population- weighted global horizontal irradiance and ozone monitoring instrument population-weighted ultraviolet irradiance data.	1991-2012; 2004 - 2015	National	Excel	Public		Yes

## Marine Fisheries

High Level Description of Data	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Agency - Webpage	Contact Number	GIS available
Water sampling stations, shell fishing water classifications, closure lines, and growing area boundaries; Pollution sources include animals, areas of concern, dockage, golf courses, stormwater, subdivisions, and wastewater	Present	Statewide	GIS	Internal Staff	mohan.palleti@ncdenr.gov		Yes
Station ID, sample collection date, water temp, salinity, tide, fecal coliform bacteria counts	1992-Present	Statewide	Access	Internal Staff	shannon.jenkins@ncdenr.gov	252-726-7021	Yes
Dealer name, type, address, certification, inspection dates, inspection deficiencies, etc.	2003-Present	Statewide	Access	Internal Staff	sharon.guption@ncdenr.gov	252-726-6827	No
Marina name, address, slip counts, boat types, other facility attributes, and layout sketches.	Present	Statewide	Access	Internal Staff	andrew.haines@ncdenr.gov	252-726-7021	No
Station ID, fecal coliform bacteria counts	1995-Present	Statewide	Excel	Internal Staff	sharon.guption@ncdenr.gov	252-726-6827	No
Station ID, fecal coliform bacteria counts	1993-Present	Statewide	Excel	Internal Staff	sharon.guption@ncdenr.gov	252-726-6827	No
Station ID, fecal coliform bacteria counts	2008-Present	Statewide	Excel	Internal Staff	sharon.guption@ncdenr.gov	sharon.guption@ncdenr.gov	No
Date, County, Location, Management Plan Amount, Contact Name, Phone Number, Precipitation Amounts	2003-Present	Statewide	Excel	Internal Staff	<a href="mailto:sharon.guption@ncdenr.gov">sharon.guption@ncdenr.gov</a>	252-726-6827	No
Growing Area, Permit ID, Plant Name, Operator, Phone, Address, Capacity, Flow, etc.	Present	Statewide	Excel	Internal Staff	<a href="mailto:andrew.haines@ncdenr.gov">andrew.haines@ncdenr.gov</a>	252-726-7021	No
Date received, date reviewed, permit number, county, applicant, location, project description, etc.	1997-Present	Statewide	Excel	Internal Staff	<a href="mailto:sharon.guption@ncdenr.gov">sharon.guption@ncdenr.gov</a>	252-726-7021	Yes
Date, Reported By, Location, Amount, Growing Area, In Closed Area, Comments	2005-Present	Statewide	Excel	Internal Staff	<a href="mailto:shannon.jenkins@ncdenr.gov">shannon.jenkins@ncdenr.gov</a>	252-726-7021	Yes

Date Closed, Date Open, Proc Number, Growing Area, County, Description, Type, Reason	1996-Present	Statewide	Excel	Internal Staff	<a href="mailto:sharon.gupton@ncdenr.gov">sharon.gupton@ncdenr.gov</a>	252-726-7021	Yes
Water sampling site ID, name, location (lat/long), internal and public description, tier, region, sampling results, etc.	1997-Present	Statewide	IBEAM/Web	Public	N/A	252-726-7021	<a href="#">Yes</a>
Date Issued, Date Rescinded, County, Type, Waterbody, Site	2005-Present	Statewide	IBEAM/Web	Must be authorized	<a href="https://deq.nc.gov/about/divisions/marine-fisheries/shellfish-sanitation-and-recreational-water-quality/recreational#swimming-advisory-list">https://deq.nc.gov/about/divisions/marine-fisheries/shellfish-sanitation-and-recreational-water-quality/recreational#swimming-advisory-list</a>	252-726-7021	N/A
Contact name, county, agency, phone, fax, email etc.	Present	Statewide	Excel	Private	Erin Bryan-Millush	252-726-7021	N/A
Fish tissue results for contamination by metals, organics, PCBs	1990-December 2018*	Statewide	Excel	Public	N/A	(919) 707-9100	County specific information
Map as a public guide for interpreting the written shellfish closure proclamations.	Present	Statewide	GIS	Public	<a href="mailto:andrew.haines@ncdenr.gov">andrew.haines@ncdenr.gov</a>	252-726-6827 (ext. 8149)	Yes
Public guide for national listing of fish advisories, guidelines, and contaminants.	1974-2011, For Present contact agency	National	Web	Public		(919) 707-5900	Yes

## Public Drinking Water Quality

Broad Category	Data Set/System Name	Data Steward/Data Custodian	High Level Description of Data	Time Period	Geographic Scale	Database/Type environment	Access Restrictions	Contact Number	GIS available
Safe Drinking Water Information System (SDWIS)	<a href="#">SDWIS</a>	US EPA	Inventory, legal entities, monitoring and non compliance, sampling and enforcement of PWS	Some data from '80's, 90's, most reliable since 2005	National	Oracle	Public	919-707-9100	No
Public Water Supply Section Monthly Operating Report Database	<a href="#">PWSS</a>	NC DWR	Raw, finished, coliform, turbidity, pH, selected chemicals of PWS	Present	Statewide	Oracle	Public	919-707-9100	No
Groundwater Data	<a href="#">Groundwater Data</a>	NC DWR	Groundwater data and mapping on levels, quality, geophysical logs, hydrogeology, aquifer characteristics, baseflow estimation.	Present	Statewide	Oracle	Public	919-707-9100	Yes
Groundwater Data	<a href="#">National Ground-Water Monitoring Network</a>	USGS	Groundwater data and mapping.	Present	National	GIS	Public		Yes
Groundwater Data	<a href="#">USGS National Water Dashboard</a>	USGS	Groundwater data and mapping for 13,000 USGS real time stations in context with weather and hazard conditions.	Present, real time	National	GIS	Public	<a href="https://answers.usgs.gov/">https://answers.usgs.gov/</a>	Yes
Private Wells	<a href="#">Well Permit Decision Tool</a>	NC DEQ & DHHS	Map of known sources of contamination near proposed private wells	Present	Statewide	GIS	DUA Required for Complete Access	877-623-6748	Yes
Water Quality	<a href="#">Drinking Water Watch</a>	NC DEQ	Query database for public water supply systems monitoring system.	Present	Statewide	Web	Public		No
Water Quality	<a href="#">How's My Waterway</a>	US EPA	Interactive data on water quality data for swimming, fish consumption, aquatic life, drinking water, monitoring by location.	Present	National	Web	Public		Yes
Water Quality	<a href="#">Watershed Assessment Tracking and Environmental Results System</a>	US EPA	Water quality information from National Hydrography Dataset, National Elevation Dataset, and Watershed Boundary Dataset.	Present	National	Excel	Public	<a href="https://www.epa.gov/waterdata/forms/contact-us-about-water-data-and-tools">https://www.epa.gov/waterdata/forms/contact-us-about-water-data-and-tools</a>	Yes
Water Quality	<a href="#">GenX Surface Water Sampling</a>	NC DWR	Data and map of GenX water sampling investigation in Cape Fear	2017 - Present	Statewide	Web/Excel	Public		Yes
Water Quality	<a href="#">Emerging Compounds</a>	NC DWR	PFAS Screening of Select Public Water Supply Reservoirs	2018-present	Statewide	Excel	Public	252-726-7021	Site specific reporting
Water Quality	<a href="#">NC PFAS Testing Network</a>	NC PFAST	Quantitative Screening Results for Raw Drinking Water	2019-present	Statewide	SQL Server Database	Public	N/A	Site specific reporting
Drought	<a href="#">Drought Monitor</a>	US EPA	Data at county level of weekly drought monitor levels.	1895-2016; 2000 - 2016	National; County Level	Excel	No		Yes