

Engaging EPA's Toxic Release Inventory in Telangana, India and Tennessee, USA

Dr. Sanjay Asthana

Professor

School of Journalism and Strategic Media

Middle Tennessee State University

TRI: Transforming Data into Action
October 24-25, 2023, Washington DC



Telangana, India



Tennessee, USA




Toxics Release Inventory (TRI) Program



Register for the TRI Conference!

The next TRI National Conference will be held October 24 and 25 in Arlington, Virginia. The theme is 'TRI: Transforming Data into Action.'

- [Register for the conference](#) 
- [Learn more about the conference](#)

What is the TRI? The Toxics Release Inventory (TRI) is a resource for learning about toxic chemical releases and pollution prevention activities reported by industrial and federal facilities. TRI data support informed decision-making by communities, government agencies, companies, and others. Section 313 of the [Emergency Planning and Community Right-to-Know Act \(EPCRA\)](#) created the TRI.

[TRI Site Map](#) | [El Inventario de Emisiones Tóxicas](#)

Get TRI Email & Text Updates

Enter your email

sign up



Toxics Release Inventory (TRI) Program

[CONTACT US](#)

[TRI Program Home](#)

What is TRI?

[Covered Chemicals](#)

[Covered Industry Sectors](#)

[Data Quality](#)

[Reporting for Facilities](#)

[Guidance \(GuideME\)](#)

[Reporting Software \(TRI-MEweb\)](#)

[Laws & Regulatory Activities](#)

[Enforcement](#)

[Find, Understand & Use TRI](#)

[TRI Data & Tools](#)

[TRI National Analysis](#)

[TRI Pollution Prevention](#)

[What You Can Do](#)

[TRI Site Map](#)

What is the Toxics Release Inventory?

On this page:

- [What is the Toxics Release Inventory?](#)
- [What are TRI toxic chemicals?](#)
- [What industries are included in TRI?](#)
- [Why was the TRI Program created?](#)
- [Is TRI a mandatory program?](#)
- [How is TRI different than other regulatory programs?](#)
- [How does TRI relate to other EPA programs?](#)

What is the Toxics Release Inventory?

TRI tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. U.S. facilities in different industry sectors must report annually how much of each chemical is released to the environment and/or managed through recycling, energy treatment. (A "release" of a chemical means that it is emitted to the air or water, or placed in some type of land disposal.)

Related Information

- [2023 TRI Conference](#)
- [Basics of TRI Reporting](#)
- [TRI Mission and Goals](#)
- [Factors to Consider When Using TRI](#)
- [TRI for Communities](#)
- [TRI Around the World](#)
- [¿Qué es el Inventario de Emisiones Tóxicas?](#)

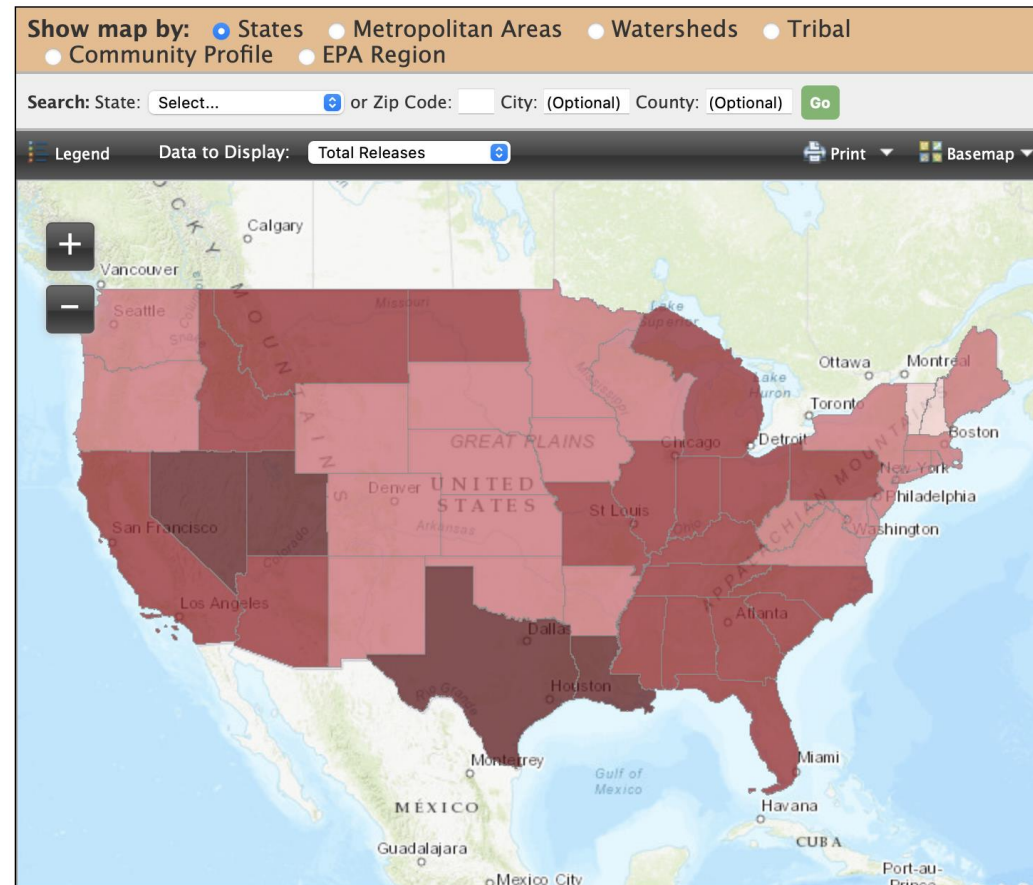
Join TRI mailing list

Enter your email

EPA, Toxic Release Inventory, Interactive Map

“Where You Live”

“Use the geographical selections bar above the map to show the releases of Toxic Release Inventory (TRI) chemicals reported throughout the United States for 2021.” <https://www.epa.gov/trinationalanalysis/where-you-live>

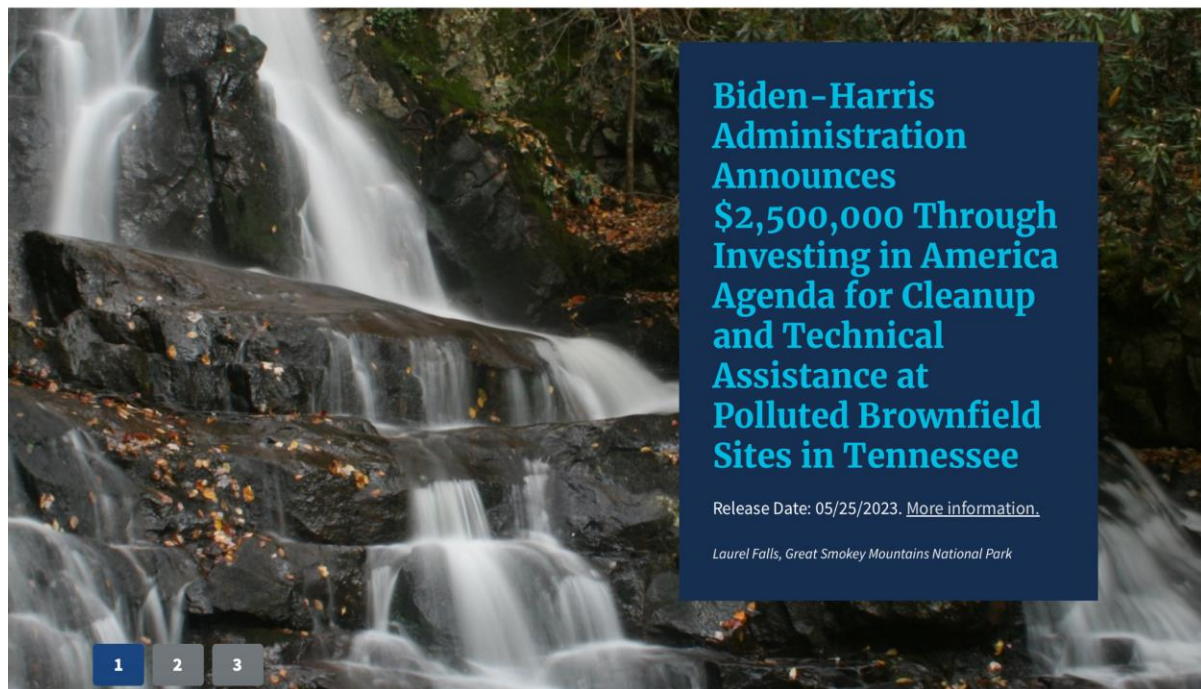


EPA in your Community



[CONTACT US](#)

EPA in Tennessee



EPA's work in Tennessee is managed from our Region 4 office in Atlanta. Learn more about [EPA Region 4](#).

Recent News



- [EPA News for Tennessee](#)
- [EPA Region 4 News Releases](#)
- [EPA News Across the Nation](#)
- [Sign Up for EPA News Via Email](#)

Environmental Info



- [Air](#)
- [Approved SIPs](#)
- [Water](#)
- [NPDES Permits](#)
- [Land and Waste Cleanups](#)
- [Pesticides and Other Toxic Chemicals](#)
- [Corrective Action Sites](#)

Hot Topics in Tennessee



- [EPA's Response to Kingston TVA Coal Ash Spill](#)
- [New Proposed NPL Site in Memphis, Tennessee](#)

Federal & State Contacts



- [EPA Regional Office](#)
- [EPA Hotlines](#)
- [Report Environmental Violations](#)
- [Environmental Justice](#)
- [Tennessee Department of Environment and Conservation](#)
- [Tennessee Department of Health](#)

Comments & Meetings



- [Comment on EPA Region 4 \(Southeast\) Issues](#)
- [EPA Meetings/Events in Region 4 \(Southeast\)](#)

Social Media



- [EPA Region 4 on Facebook](#)
- [EPA Region 4 on Twitter](#)

EPA, International Cooperation

This is not the current EPA website. To navigate to the current EPA website, please go to www.epa.gov. This website is historical material reflecting the EPA website as it existed on January 19, 2017. This website is no longer updated and links to external websites and some internal pages may not work. [More information](#) »



[Environmental Topics](#) [Laws & Regulations](#) [About EPA](#)

Search 1/19/17 snapshot

[Contact Us](#) [Share](#)



[Environmental Topics](#) [Laws & Regulations](#) [About EPA](#)

Search 1/19/17 snapshot

International Cooperation

[Contact Us](#) [Share](#)

[International Cooperation Home](#)

[Where We Work](#)

[International Priorities](#)

[Resources](#)

[Schedule a Visit](#)

[Grants](#)

International Priorities

The Environmental Protection Agency has a long history of international collaboration on a wide range of global environmental issues. In recent years, EPA's bilateral and multilateral partnerships have taken on new significance in the face of shared environmental and governance challenges, such as global climate change and improving children's environmental health outcomes.

It is our vision that environmental progress in cooperation with global partners can catalyze even greater progress toward protecting our domestic environment including adapting to climate change, ensuring national security, facilitating commerce, promoting sustainable development, and engaging diplomatically around the world. To advance all of these goals, EPA has identified the following six international priorities.

- [Strong Institutions](#)
- [Climate Change](#)
- [Air Quality](#)
- [Water](#)
- [Toxic Chemicals](#)
- [E-Waste](#)

Strong Environmental Institutions

Countries need adequate governmental structures to enforce environmental protections. EPA will work with countries such as India, Ghana, Kenya and Brazil to develop and support the promotion of good governance, improve judicial and legal structures and design the regulatory systems necessary for effective environmental protection around the world.

International Cooperation

[International Cooperation Home](#)

[Where We Work](#)

[International Priorities](#)

[Resources](#)

[Schedule a Visit](#)

[Grants](#)

Resources for International Users

EPA provides technical assistance to its partner countries and to multilateral organizations through training courses, technology transfer, sharing of environmental data and information, and environmental education initiatives.

Categories on this page:

- [Good Governance](#)
- [Technology Transfer](#)
- [International Import and Export](#)
- [Air Quality](#)
- [Toxics and Waste](#)
 - [Reducing Mercury from Gold Shops](#)
- [Environmental Finance](#)
- [Water](#)
- [Smart Growth](#)

Good Governance

- [Public Participation Guide](#): Tools for effective public participation
- [Environmental Impact Assessment Technical Review Guidelines](#) (on mining, tourism, and energy - available in English and Spanish)
- [Judicial Training Modules on Environmental Law](#) (from UNEP) [EXIT](#)

EPA Web Content in Languages Other than English:

- [Spanish](#)
- [Vietnamese](#)
- [Korean](#)
- [Simplified Chinese](#)
- [Traditional Chinese](#)

Additional Information

You may also find excellent general information on a wide range of topics by browsing the "Learn the Issues" and "Science and Technology" menus at the top of this page.

EPA, India Collaboration

This is not the current EPA website. To navigate to the current EPA website, please go to www.epa.gov. This website is historical material reflecting the EPA website as it existed on January 19, 2017. This website is no longer updated and links to external websites and some internal pages may not work. [More information](#) »



Environmental Topics Laws & Regulations About EPA

Search 1/19/17 snapshot

International Cooperation

Contact Us Share

International Cooperation
Home

Where We Work

International Priorities

Resources

Schedule a Visit

Grants

EPA Collaboration with India

EPA has a long history of cooperation with India on a wide range of environmental topics. This collaboration has supported environmental outcomes from improved air and water quality to enhanced enforcement capacity.

Explore our work in India:

- [Improving Air Quality](#)
- [Combatting Climate Change](#)
- [Building Strong Institutions and Legal Structures](#)
- [Cleaning Up E-Waste](#)

Improving Air Quality

During President Obama's January 2015 visit to India, the United States and India pledged to cooperate on climate and clean energy. One example is through encouraging India's participation in EPA's AIRNow-International program, which informs the public about the quality of the air they breathe in real time. Participants in the community of users can share



This is not the current EPA website. To navigate to the current EPA website, please go to www.epa.gov. This website is historical material reflecting the EPA website as it existed on January 19, 2017. This website is no longer updated and links to external websites and some internal pages may not work. [More information](#) »



Environmental Topics Laws & Regulations About EPA

Search 1/19/17 snapshot

International Cooperation

Contact Us Share

International Cooperation
Home

Where We Work

International Priorities

Resources

Schedule a Visit

Grants Schedule your visit to EPA

Report on Environmental Compliance and Enforcement in India

In 2005, EPA produced a "Report on Environmental Compliance and Enforcement in India" with the help of the India Central Pollution Control Board.

Learn more about [EPA Collaboration with India](#).

You will need Adobe Reader to view some of the files on this page. See [EPA's About PDF page](#) to learn more.

- [Report on Environmental Compliance and Enforcement in India \(PDE\)](#) (92 pp, 18 MB)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

REPORT ON
ENVIRONMENTAL COMPLIANCE AND ENFORCEMENT
IN
INDIA

PREPARED BY
THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
DECEMBER 2005

U.S. – India Collaboration on Air Quality and Climate Research and Education

Viney P. Aneja* and Anantha Aiyyer
Department of Marine, Earth, and Atmospheric Sciences
North Carolina State University
Raleigh, NC, 27695-8208, USA

Adel Hanna, Uma Shankar, Zachariah Adelman, and Saravanan Arunachalam
Institute for the Environment
University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-6116, USA

S. Trivikrama Rao, Rohit Mathur, and J. David Mobley
Atmospheric Modeling and Analysis Division
National Exposure Research Laboratory
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711, USA

V. Ramaswamy
National Oceanic and Atmospheric Administration
Geophysical Fluid Dynamics Laboratory, Princeton, NJ, USA

V. Murali Krishna and Valli Manickam
Administrative Staff College of India,
Hyderabad, Andhra Pradesh, India

M.P. Singh, Jhumoor Biswas and Era Upadhyay
Ansal Institute of Technology
Gurgaon, India

MoU, EPA and MOEFF, January 2002

EPA's Web Archive: This content is not maintained and may no longer apply.
For current information, click on the EPA logo to visit epa.gov.



LEARN THE ISSUES SCIENCE & TECHNOLOGY LAWS & REGULATIONS ABOUT EPA

SEARCH

International Programs

Contact Us Share

International Programs

Basic Information

Priorities

Regions

Resources

Grants

Visitors

You are here: [EPA Home](#) » [International Programs](#) » [Asia/Pacific](#)

» [MOU Between U.S. EPA and MOEF /India Concerning Cooperation In Environmental Protection](#)

Memorandum of Understanding Between The Environmental Protection Agency Of the United States of America and The Ministry of Environment and Forests Of the Government of India Concerning Cooperation In Environmental Protection

The Environmental Protection Agency (EPA) of the United States of America and the Ministry of Environment and Forests (MOEF), Government of India, hereinafter referred to as the "Agencies,"

RECALLING that environmental protection constitutes an integral part of the development process and cannot be considered in isolation from it, as reflected in Principle 4 of the 1992 Rio Declaration on Environment and Development of the United Nations Conference on Environment and Development (hereinafter the "Rio Declaration");

NOTING the need for States to cooperate and to strengthen internal capacity-building for sustainable development by improving scientific understanding through the sharing of scientific and technical knowledge, as reflected in Principle 9 of the Rio Declaration;

RECOGNIZING the international character of many environmental problems and the importance of environmental protection and management policies to the well-being of present and future generations;

RECALLING that the Declaration of the United Nations Conference on the Human Environment, held in Stockholm in 1972, called upon nations to collaborate to resolve environmental problems of common concern;

REAFFIRMING the commitment in the Joint Statement between the United States of America and Republic of India, issued in Washington, D.C. on November 9, 2001 by the President of the United States and the Prime Minister of India, to complete the process of qualitatively transforming US-India relations in pursuit of their many common goals in Asia and beyond;

RECOGNIZING that this Joint Statement identifies environment as a specific area for broadened dialogue and cooperation;

EPA, Cooperative Agreement with India

ENFORCING HAZARDOUS WASTES RULES IN INDIA

Strategies and Techniques for Achieving Increased Compliance



ACKNOWLEDGMENTS

This Handbook was prepared by the Environmental Law Institute (ELI) and the National Law School of India University (NLSIU) with support from U.S. EPA under cooperative agreement #X4-83459101-0. The authors of the Handbook are solely responsible for the views and information contained in this Handbook. This Handbook does not represent the views of the U.S. Environmental Protection Agency and no endorsement should be inferred.

The Handbook was authored by Mahesh Menon and Manjeri Subin Sunder Raj of the NLSIU, and Teresa Chan, John Pendergrass, and Valerie Pinkerton of ELI. The authors would like to thank the following for their helpful comments on prior drafts of this Handbook:

Vaman Acharya, Francesca DiCosmo, Davis Jones, Sanjay Kumar, D.R. Kumaraswamy, K.M. Nagaraj, Peter Neves, Tejas Patel, B.V. Prasad, A. Ramchand, M. K. Ramesh, P. Prasada Rao, Neelima Senjalia, Hardik Shah, Tushar Shah, Panah Stauffer, Sanjiv Vaijanapurkar, S. Venkatesh Shekar, and Steve Wolfson.

ABOUT ELI PUBLICATIONS

ELI publishes Research Reports that present the analysis and conclusions of the policy studies ELI undertakes to improve environmental law and policy. In addition, ELI publishes several journals and reporters—including the *Environmental Law Reporter*, *The Environmental Forum*, and the *National Wetlands Newsletter*—and books, which contribute to education of the profession and disseminate diverse points of view and opinions to stimulate a robust and creative exchange of ideas. Those publications, which express opinions of the authors and not necessarily those of the Institute, its Board of Directors, or funding organizations, exemplify ELI's commitment to dialogue with all sectors. ELI welcomes suggestions for article and book topics and encourages the submission of draft manuscripts and book proposals.

[Enforcing Hazardous Waste Rules in India: Strategies and Techniques for Achieving Increased Compliance](#). Copyright ©2014 Environmental Law Institute®, Washington, D.C. All rights reserved.

An electronic retrievable copy (PDF file) of this report may be obtained for no cost from the Environmental Law Institute website at www.eli.org; click on "Publications," then search for this report. [Note: ELI Terms of Use will apply and are available on site.]

(Environmental Law Institute®, The Environmental Forum®, and ELR® – The Environmental Law Institute Law Reporter® are registered trademarks of the Environmental Law Institute.)



- HOME
- ABOUT CPCB
- STANDARDS
- CPCB'S ACTIVITIES
- AIR | WATER | NOISE DATA
- LABORATORIES
- CONTACT US

LIFE, पर्यावरण अनुकूल जीवनशैली मिशन
सभी को अपने दैनिक जीवन में सरल एवं पर्यावरण अनुकूल कार्य करने के लिए प्रेरित करता है।

AIR QUALITY INDEX : Cities Ahmedabad : 60 :: Bengaluru : 50 :: Chennai : 47 :: Delhi : 131 :: Hyderabad : 66 :: Jaipur : 55 :: Lucknow : 42 :: Mumbai : 56 ::

- Environmental Acts & Rules
- Media Corner
- Court Cases
- Best Environmental Management practices
- E-Governance Portals
- Air Pollution Complaint
- Draft Reports for Comments/Suggestions



Messages

Chairman
Sh. Tanmay Kumar, IAS

Member Secretary
Sh. Bharat Kumar Sharma

Important Announcements

- Letter issued to Custom Authority for release of i
- Letter issued to Custom Authority for release of i
- 35th Analytical Quality Comparison (AQC) Exercise

[Read More](#)

Directions issued by CPCB

- Direction issued under **Section 18(1)(b)/31-A**
- Direction issued under **Section 5 EP Act**
- Letters issued to SPCBs/PCCs
- Letters issued to Industries/ Others

Latest @ CPCB

- NEW Framework for generation of EPR Certificate under E Waste**
- NEW Notice for interim arrangement for generation and transfer**
- Notice for interim arrangement for generation and transfer of

[Read More](#)

Important Links

- NEW Parivesh News Letter- Policy Interventions on Environmental Issues - Impacts and Case Studies: Inspired by Mann Ki Baat**
- Ash Availability & Utilization Portal
- EPR Portal for Battery Waste Management
- EPR Portal for Management of Waste Tyre
- Sample District Environment Plan
- Daily **AQI Bulletin** (PDF)
- [Data Templates for District Environment Plan (DEP)]
- [Excel Data Sheet for DEP]
- [Indicative Template for Preparation of DEP]
- Online Monitoring Emission & Effluent

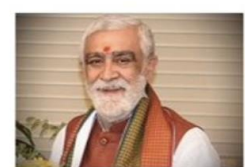
[Read More](#)



Sh. Narendra Modi
(Hon'ble Prime Minister)






Sh. Bhupender Yadav
(Hon'ble Minister of EF&CC)




Sh. Ashwini Kumar Choubey
(Hon'ble Minister of State of EF&CC)

National Inventory of Hazardous Wastes...


Home | Sitemap | RTI Screen Reader Skip to main content A + - हिंदी

  **Central Pollution Control Board**
Ministry of Environment, Forest and Climate Change
Government of India Apps by CPCB | Jobs | Tenders | Publication | Technical Report | Annual Report 

In Pursuit of Clean Environment 

HOME | ABOUT CPCB | STANDARDS | CPCB'S ACTIVITIES | AIR | WATER | NOISE DATA | LABORATORIES | CONTACT US

Home > CPCB's Activities > Waste Management > Hazardous Waste > Inventory

Air Quality Management + **Inventory** Updated On : 20 Feb 2023 

Water Quality Management +

Quality Assurance/Quality Control +

Waste Management +

Contaminated Sites +

Industrial Pollution +

Noise Pollution +

Urban Pollution +

Pollution Control Planning +

Information Technology +

Environmental Training +

NGT/Court Cases

Public Relations +

Annual Reports

Infrastructure Development +

Regional Directorates / Project Office +

Old Projects +

Research and Development

- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2021-22)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2020-21)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2019-20)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2018-19)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2017-18)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2016-17)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India (2015-16)
- > National Inventory of Hazardous Wastes Generating Industries & Hazardous Wastes Management in India.
- > State/UT-wise Status of Hazardous Waste generation in the Country



Sri K. Chandrashekar Rao
Hon'ble Chief Minister

Telangana State POLLUTION CONTROL BOARD



Sri A. Indrakaran Reddy
Minister for Environment&Forests



- Home
- About us
- Laboratory
- Environment Standards
- Environmental Clearance
- Industry Guide
- Compliance Inspection under Water & Air Acts
- Download
- BMW Management
- Annual Reports
- CBIPM Project



News/Announcements | RT 1 REDUCTION IN WATER CONSUMPTION 1ST JUNE FINALS | RESULTS OF ECOCHAMPIONS TSPCB HACKATHON PA

VISION

"To achieve economic growth with environmental management for an improved quality of life in Telangana"

WHAT'S NEW

- TSPCB Online quiz to promote awareness on Clay Ganesh Idols
- Details of Authorised E-waste Recyclers, Dismantlers and Producers with EPR Authorization
- Extended Producer Responsibility (EPR) (PPT Document)
- Eco Champion Hackathon notification

Covid-19 Waste Management

- TSPCB Applications
- Online Consent & Authorisation Management
- List of Industries which can apply Auto Renewal of CFO & HWA
- Auto Renewal system for CFE, CFO & HWA

- REAL TIME, CONTINUOUS MONITORING SYSTEM
- PET COKE USAGE BY CEMENT PLANTS
- TALK TO US
- E-WASTE
- PUBLIC GRIEVANCE
- PUBLIC HEARINGS
- CEPI MONITORING DATA / ACTION PLANS FOR PIA'S
- COMPLIANCE STATUS OF 17 CATEGORY INDUSTRIES
- ENVIRONMENTAL DATA
- NGT 681 DATA
- NGT PRS DATA
- NGT PRS ACTION PLAN
- STUDY REPORTS
- DPR REPORTS
- CLOSURE ORDERS
- DIRECTIONS ISSUED

Welcome to EPTRI

Environment Protection Training and Research Institute [EPTRI] a premier agency in India, provides training, consultancy, applied research services and extends advocacy in the area of environment protection to industries, regulatory bodies, Government Organizations and NGOs and works towards bringing about change for a more balanced development.

[Read More](#)

[News](#) [Tenders](#) [Careers](#) [Upcoming Events](#) [Downloads](#)

The 2-day International seminar on Telugu Literature- Environmental Consciousness, organized by EPTRI EIACP and the Department of Telugu at Government City College in Hyderabad, on 9th and 10th March ,2023

On the occasion of International Women's Day 2023

FIRST PRIZE in the poster presentation in NATIONAL SCIENCE CONVECTION on "Impact of Genetics and Biotechnology Research on Society"

Educational tour to EPTRI by VNRVJIET

[View All](#)



Environmental Struggles in Telangana and Tennessee: Two Approaches

Dr. Robert Bullard, Environmental justice



Prof. Purushotham Reddy, Vernacular environmentalism



Cities and hinterlands
Technologies of protest
Law, politics, publics
Connecting local, regional, global contexts

Hyderabad, Musi River, Pharmaceutical pollution

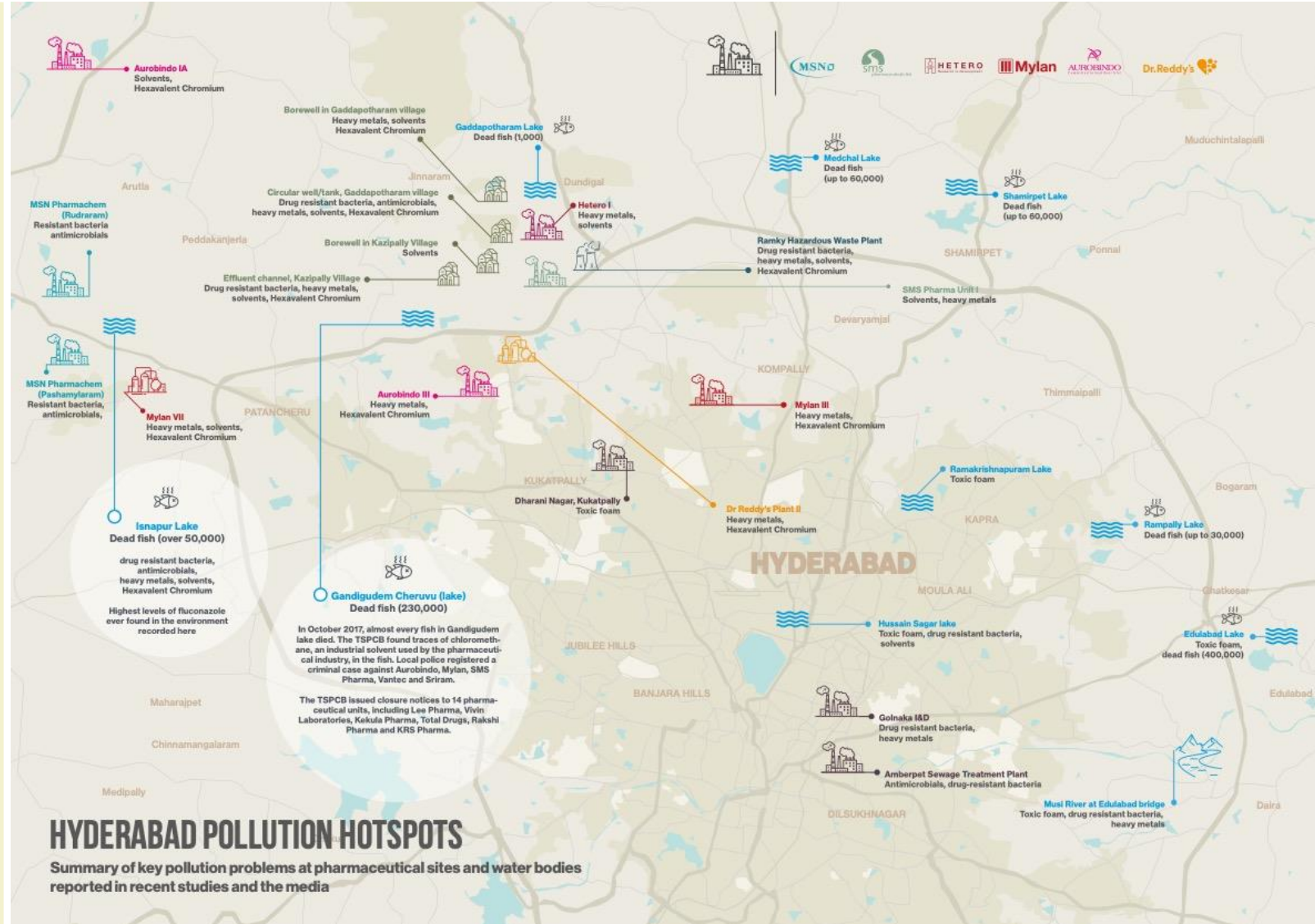
HYDERABAD

THE WATER-WASTE PORTRAIT

Lying along the southern bank of the Musi river, Hyderabad is the fifth largest metropolis in India. The Musi has turned into the city's sewer, while the city draws water from sources over 100 km away



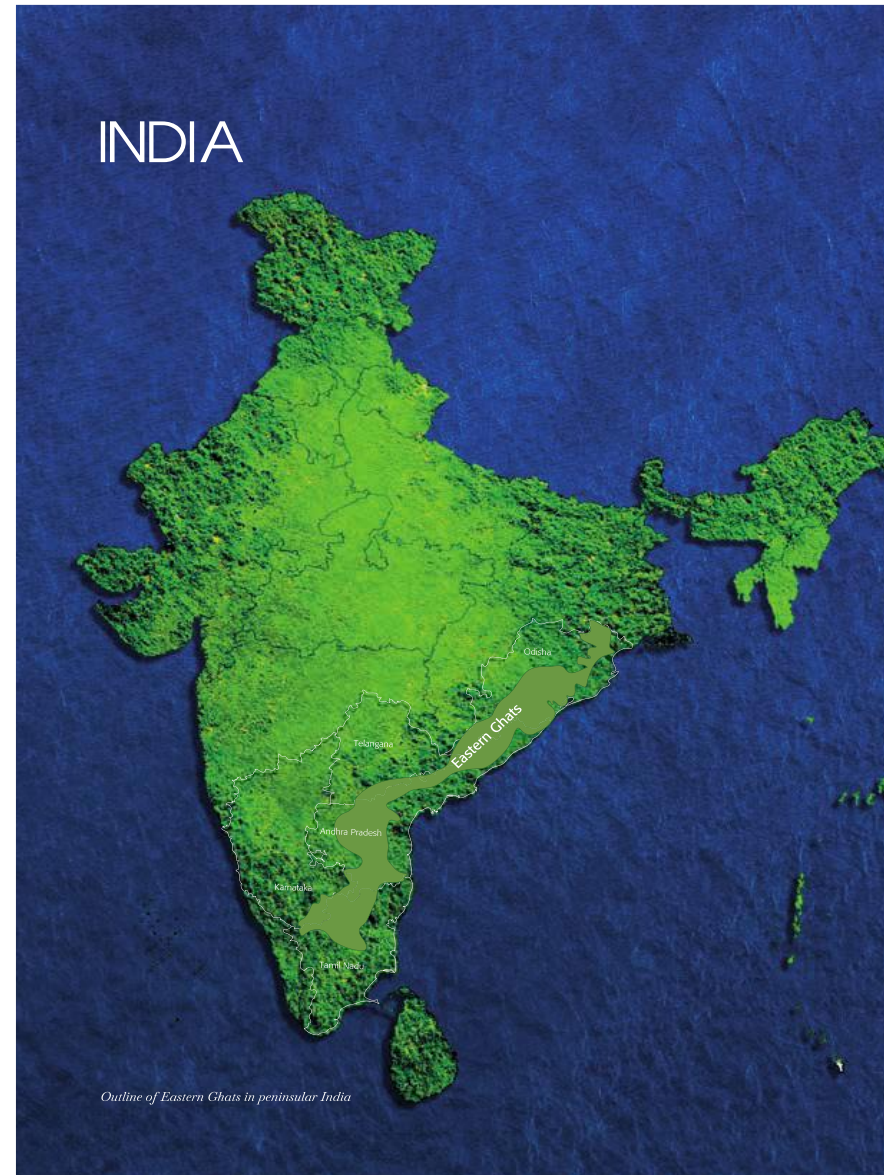
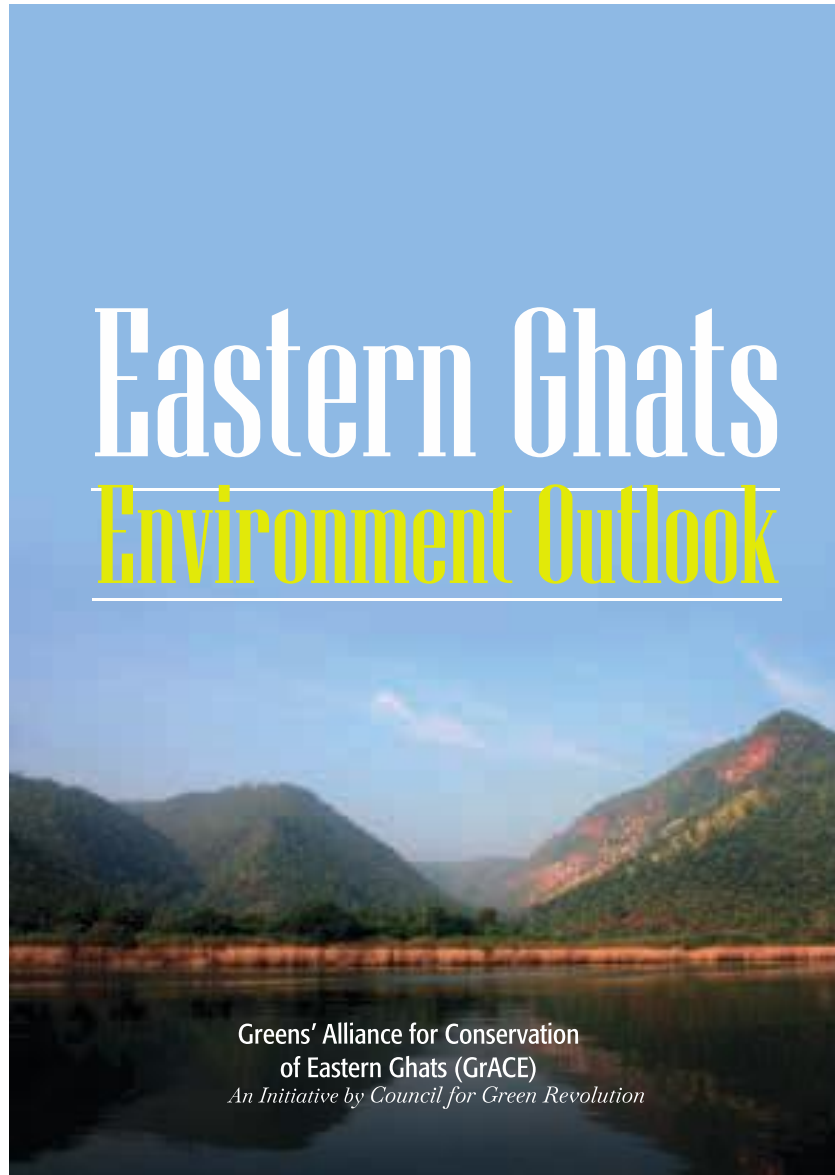
Source: Anon 2011, 71-City Water-Excreta Survey, 2005-06, Centre for Science and Environment, New Delhi
 Note: See page 334 for a more detailed map of water sources



HYDERABAD POLLUTION HOTSPOTS

Summary of key pollution problems at pharmaceutical sites and water bodies reported in recent studies and the media

Telangana, Uranium mining in Nallamala Hills



Kingston, Tennessee, Coal Ash Spill



Skytruth, Flickr



The aftermath of the 2008 coal ash spill at the Kingston Fossil Plant in Roane County, Tennessee. WADE PAYNE / AP PHOTO

Tennessee, Low-level radioactive waste in the landfills

MARKETPLACE

Search For & Place Classifieds

THE TENNESSEAN

[News] Sports Counties Business Music Advertise Obituaries eNewspaper Legals

NEWS

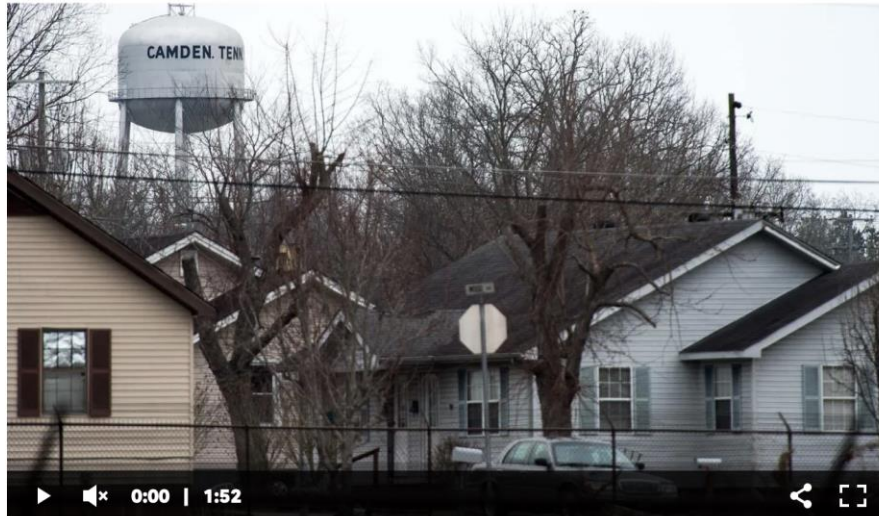
Tennessee officials keep radioactive waste details from public



Anita Wadhvani

The Tennessean

Published 7:00 a.m. CT Nov. 20, 2017



Toxic waste, gusts of ammonia, small explosions and allegations of fraud are just some of the controversies surrounding a



Home About TCOG and Contact News Donate Helpful Resources Legislative Reports & Research 2018 Audit

< Previous Next >

TDEC clamps down on public records as tons of radioactive waste heads to Tennessee

By Deborah Fisher | November 21, 2017 | Categories: exemptions | Tags: Camden, Decatur County, radioactive waste, TDEC, The Tennessean | 0 Comments

The state has stopped allowing citizens access to how much low-level radioactive waste is going into landfills, according to a report by Nashville investigative journalist Anita Wadhvani in The Tennessean.

Wadhvani reports that this clamp down on data by the Tennessee Department of Environment and Conservation comes at the same time that waste processing companies in Tennessee "have filed notice that they plan to import 10,000 metric tons — or more than 22 million pounds — of low-level nuclear waste from Canada for processing."

It is not clear where that waste would go after processing. The newspaper reported that four Tennessee landfills are currently licensed to accept that type of waste — two in Shelby County and others in Anderson and Hawkins counties.

But in a package of stories that focuses on the shrouded nature of TDEC's actions, Wadhvani reports how at least two Tennessee communities who are fighting with landfill operators about toxic contamination are also complaining about lack of notice and public input into permit expansions that they believe put their land and residents at environmental and health risk.

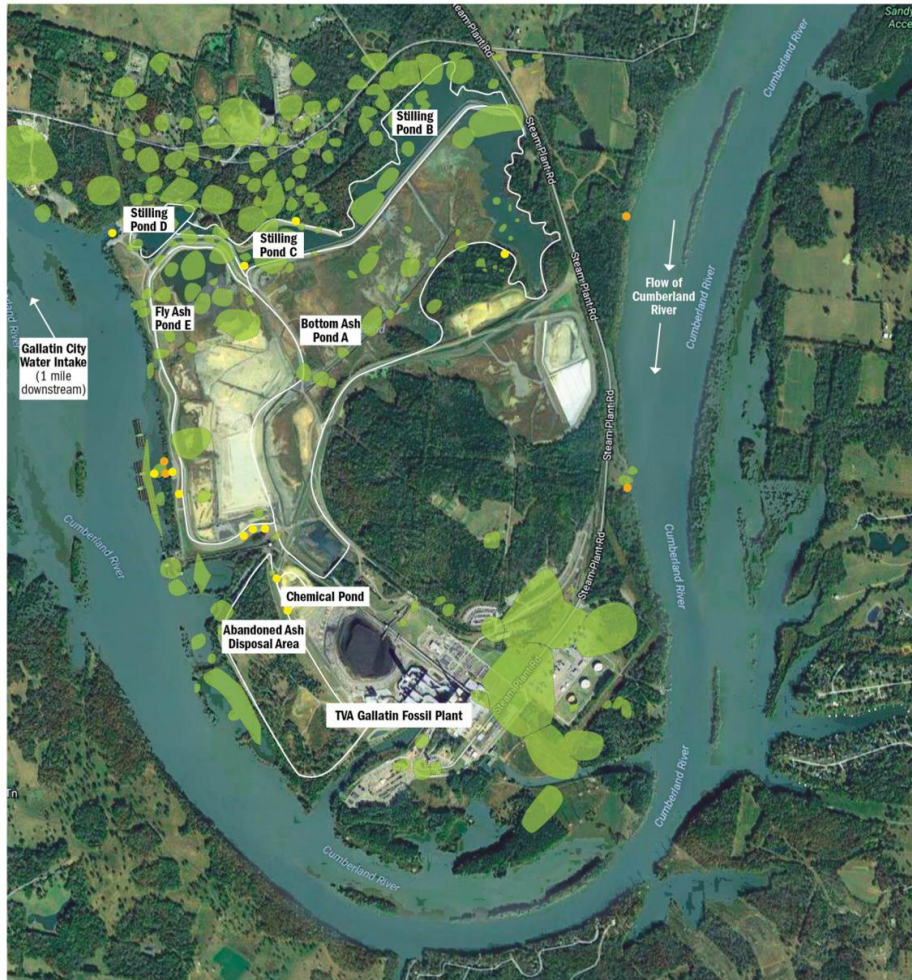
A key complaint from residents and town leaders in Camden and Decatur County is that they were unaware that TDEC was expanding permits of landfill operators to accept thousands of tons of industrial "special waste." By definition, that means the waste is difficult or dangerous to manage.

Cumberland River, Gallatin Power Station pollution

GALLATIN POWER STATION

With Sinkhole Data Overlaid

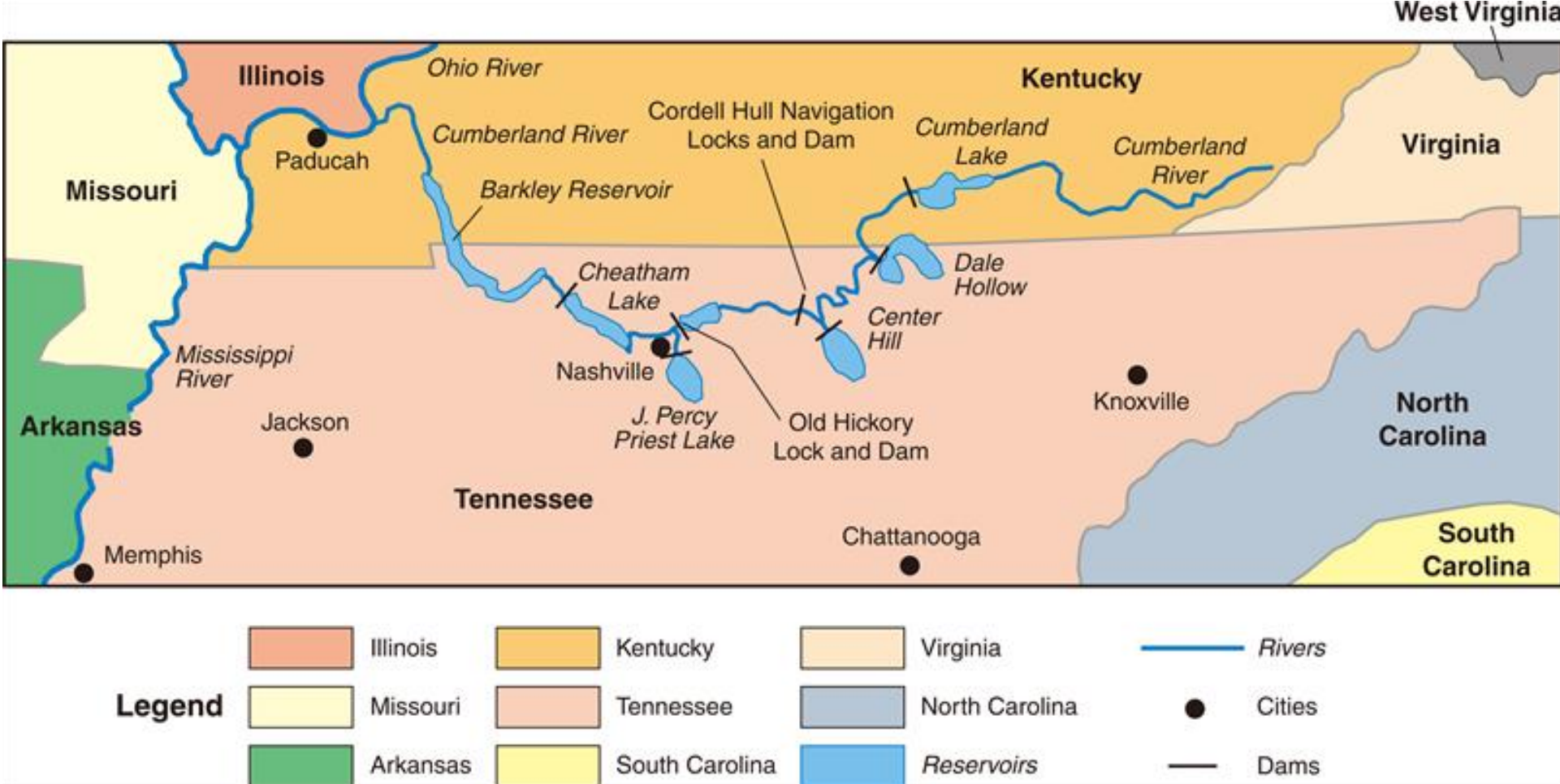
The Gallatin Fossil Plant, opened in the 1950s, sits on 1,950 acres on a peninsula hugged by the Cumberland River. Shown here is the plant and the various ponds and disposal areas on its property, along with what the SELC says are a number of sinkholes underneath them. The group says those, along with the general topography of the peninsula, increase the risk of coal-ash seepage into the groundwater and ultimately into the river.



● Seep (Independently Identified) ● Seep (TVA Identified) ■ Sinkholes

Source: Original Map by Jovian Sackett, The Southern Environmental Law Center

Cumberland River Watershed



Source: Cumberland River Watershed in Tennessee and Kentucky. Map by Mic Greenberg

Murfreesboro, Landfill issue

TENNESSEE | LOOKOUT

HEALTHCARE EDUCATION ENVIRONMENT POLITICS IMMIGRATION INVESTIGATES CASH FOR CLOUT

ENVIRONMENT LEGAL

City of Murfreesboro files new allegations against landfill over toxic contaminants

BY: ANITA WADHWANI - NOVEMBER 1, 2022 6:03 AM



The City of Murfreesboro is lodging fresh allegations against operators of Middle Point Landfill in an ongoing legal dispute over the existence of harmful air and water contaminants linked to the region's largest waste disposal site.

In August, the city filed suit against Republic Services – the nation's No. 2 waste corporation – and its local subsidiaries, BFI Waste Systems of Tennessee and Republic Services of Tennessee, alleging runoff from the landfill is the source of PFAs discovered in nearby waterways.

PFAs, which do not occur naturally, are known as “forever chemicals” because of their resistance to biodegradation. They have been linked to a host of lethal diseases.

Republic Services pushed back against those claims, alleging the sources of those toxic chemicals are instead a city-run wastewater treatment plant and a separate landfill operated by Rutherford County.

On Friday, attorneys for Murfreesboro said they had found yet another local spring contaminated with PFAs – this one with a more direct link to the landfill.

Samples taken in October from Bubba Spring, located on a downgradient from the landfill, “showed unusually high levels of PFAS,” the lawsuit said. The finding is important because Middle Point's own engineers had, in the past, identified Bubba Springs as a monitoring location to test groundwater runoff from the landfill, the lawsuit noted.

“(Middle Point Landfill) engineers themselves had identified this location as a canary in the coal mine for groundwater contamination from MPL,” the lawsuit said.

The chemical composition of the samples taken from Bubba Springs contains a nearly identical profile to a spring nearby – where the presence of PFAS was first identified by city officials then disputed by Republic Services, who blamed the chemicals on city and county operations, not the landfill.

“The finding is deeply concerning to the City and now part of the complaint. Bubba's spring is one of Middle Point's own sampling locations so there is a great deal here to work out,” a statement from the city said.

Mike Classen, the landfill's manager, did not respond to a text seeking comment Monday.

No trial date has yet been set in the lawsuit, filed in Middle District Court in Nashville.

Thank you!