



Indiana Department of Environmental Management

Protecting Hoosiers and Our Environment Since 1986



0153 Ground Water Site Investigation and Cleanup Project

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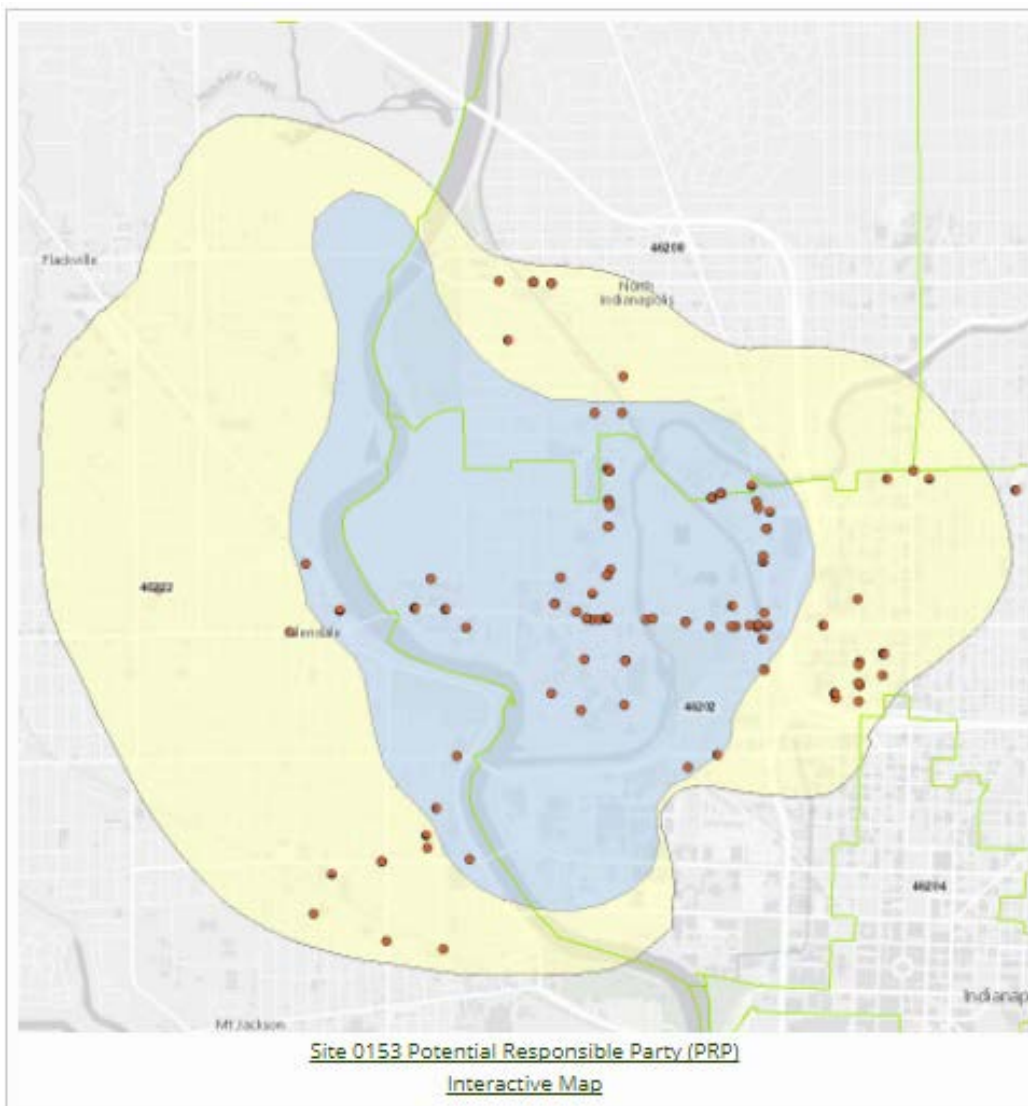
State Cleanup Program

Indiana Department of Environmental
Management



What is the 0153 Site?

- An area of the near northwest side of Indianapolis where low levels of chemicals are found in underground water
- An area of IDEM investigation to determine the source of chemicals impacting underground water
<http://www.in.gov/idem/cleanups/pages/site0153/map.html>





History of Site 0153

- 2013 IDEM receives notice from Citizens Energy Group of low levels of chemicals impacting raw, underground water
- IDEM sampling confirmed 5 of 19 production wells with chemical impact



History of Site 0153

- June 2017 - IDEM signs Agreement with EPA to take over role as lead agency
- July 2017 - IDEM sends letter to community notifying of investigation into chemicals in underground water



Drinking Water Safety

- These chemicals are not detected in the “water served to customers” (finished water)
- Finished water meets all Safe Drinking Water Act standards and has been and remains safe to consume



What chemicals were found?

- Man-made chemicals used in manufacturing and dry cleaning as cleaning solvent – often used from 1960s through 1980s
- Chemicals of concern found are Tetrachloroethylene, Trichloroethylene, cis-1,2-Dichloroethylene, Vinyl Chloride and 1,1,1-Trichloroethane (chlorinated solvents)
- Fact sheets with health concerns found on the 0153 Site web page - <http://www.IN.gov/idem/site0153/>



Why are we here if water is safe to drink?

- IDEM wants to continue to ensure safe drinking water for many years to come
- IDEM wants to investigate the sources of the chemicals in the underground water
- IDEM will oversee or implement cleanup of sources of the chemicals to continue to ensure safe drinking water for all



IDEM Role

- Monitor drinking water to ensure continued safety
- Lead the investigation, find sources and implement a cleanup plan
- Communicate with stakeholders and the community



IDEM Resources Allocated

- 5 Project Managers
- Technical Support Team
- Legal Support Team
- Budget to conduct investigation and clean up if necessary



Project Partners

- Indiana Department of Environmental Management (IDEM)
- Citizens Energy Group
- City of Indianapolis
- Marion County Health Department



Scope of Project

- The 0153 Site Project is strictly to monitor chemicals found in underground water, monitor the water served to customers, and find and cleanup sources to ensure continued safety of the drinking water

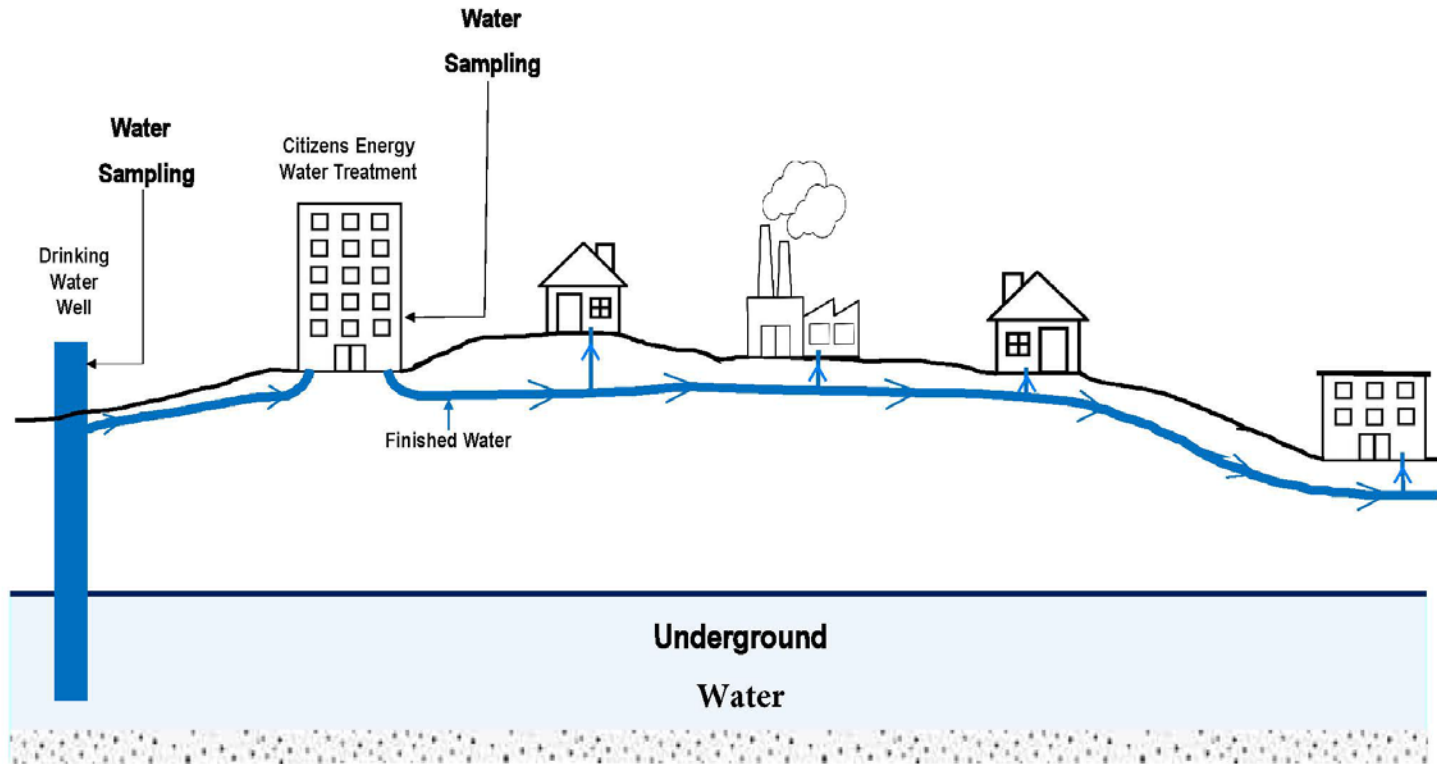


Ensuring Safety of Drinking Water

- Citizens Energy Group to sample underground water and finished water quarterly under IDEM permit
- IDEM continue review of water sample data
 - [IDEM Drinking Water Sample Database](#)



Drinking Water Monitoring





Ensuring Safety of Drinking Water

- Citizens Energy Group has shut down one production well based on underground water monitoring results.
- Along with Citizens Energy, IDEM will evaluate the need for future actions on specific wells as data dictates



Investigation Process

- Send enforcement letters to parties that may be responsible for sources of chemicals
- Investigate (sample) soil, underground water and vapor
- Determine movement of chemicals from a source to the underground water and to the production wells



Investigation Process

- Reports to summarize data and contamination problem
- Investigation Phases often take 2 years or more to complete
- When investigation is complete, move on to Cleanup Phase



Investigation Status

- 89 potential sources to contamination identified
- 6 properties with ongoing investigations
- 15 properties in other cleanup programs
- IDEM has sent 5 Information Request Letters to determine contamination



Cleanup Phase

- Develop cleanup plan to reduce or remove chemicals from soil and underground water
- Long term monitoring – underground water and finished drinking water
- Plans that will ensure continued safety of drinking water



Timeline

- Investigation will take 2-3 years per property
- Clean up planning typically 5 years
- Monitoring for up to 20 years after clean up
- Citizens Energy will continue to monitor drinking water in perpetuity



Community Involvement Plan (CIP)

- IDEM is currently finalizing the CIP for public comment
- Public comment period to begin on or before December 1, open for 30 days.
- Posted to IDEM website and at the Indianapolis Public Library for review



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Frequently Asked Questions



Is My Water Safe To Drink?

- Yes. Water served to homes and businesses meets all Safe Drinking Water Act standards set by US EPA and is safe to drink
- Water served to customers does not contain the chemicals of concern and is being monitored by IDEM and Citizens Energy



Can I use the water for bathing and watering of lawns and gardens?

- Yes. Water served to customers does not contain the chemicals of concern



Can I get my soil or water tested?

- Citizens Energy Group will test your home's drinking water upon request: 317-677-2845
- Marion Co. Health Dept. will test soil:
317-221-2266



Drinking Water Well Locations

- Exact locations cannot be disclosed by IDEM
- IC 5-14-3-4:
- 19) A record or a part of a record, the public disclosure of which would have a reasonable likelihood of threatening public safety by exposing a vulnerability to terrorist attack. A record described under this subdivision includes the following:
- (H) The location of community drinking water wells and surface water intakes.



How do I receive information updates?

- Sign up for IDEM email list via website:
<http://www.IN.gov/idem/site0153/>
- Email IDEM at site0153@idem.IN.gov
- Call IDEM at 1-800-451-6027
- Signup sheets for mailing list