



# ENVIRONMENTAL REGISTER

February 3, 2025 – Number 772

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A PUBLICATION OF THE ILLINOIS POLLUTION CONTROL BOARD

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<https://pcb.illinois.gov/>

## BOARD MEMBERS

- ❖ Barbara Flynn Currie, Chair
- ❖ Jennifer Van Wie
- ❖ Michelle Gibson
- ❖ Michael D. Mankowski
- ❖ Angela Tin

The **Illinois Pollution Control Board** is an independent, five-member board that adopts environmental control regulations and decides enforcement actions and other environmental cases for the State of Illinois.

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## CHAIR'S UPDATE

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In this issue of the *Environmental Register*, I share exciting news about three recent happenings at the Board.

First, I am delighted to introduce a new Board Member. In December 2024, Governor JB Pritzker appointed Angela Tin to the Board. Board Member Tin brings vast experience with her. She worked at the Illinois Environmental Protection Agency on wastewater permits, hazardous and solid waste management, leaking underground storage tank remediation and reimbursement, and air pollution control, including implementation of the Emissions Reduction Market System, among other areas. More recently, she served at the American Lung Association to secure funding for projects to reduce air pollutants, including initiatives for alternative fuels and technologies, as well as radon abatement. On behalf of everyone at the Board, I warmly welcome Member Tin.

Second, as part of the Board's Brown Bag Lunch series, Stacy Meyers, Primacy Coordinator for State Programs with Region 5 of the United States Environmental Protection Agency, gave a presentation this past month entitled, "EPA Region 5 Safe Drinking Water Act Primacy 101." Last fall, the Board resumed its Brown Bag Lunch series with a presentation by Board Members Jennifer Van Wie and Michael D. Mankowski entitled, "Noise, Noise, Noise! The Legal Racket Behind Noise Violations Before the Board." Both presentations were outstanding. The materials from these and other Brown Bag Lunch presentations are available [here](#).

Third, the Board has a new location for its Springfield office. The Board recently moved from its longtime space at 1021 North Grand Avenue East to 2520 West Iles Avenue. This is the former location of the White Oaks Mall's Sears store and the new location of the Illinois Environmental Protection Agency's headquarters. I again offer my profound thanks to the Board's staff for making the transition across town a seamless one.

Sincerely,



Barbara Flynn Currie  
Chair



# RULEMAKING UPDATE

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## Board Adopts “Identical-in-Substance” Amendments to Hazardous Waste Regulations

On November 7, 2024, the Board adopted amendments to keep Illinois’ hazardous waste regulations “identical in substance” to the federal regulations. The amendments reflect actions taken by the United States Environmental Protection Agency (USEPA) during the second half of calendar year 2023. During this timeframe, USEPA made technical revisions to correct or clarify provisions in the Generator Improvements, Pharmaceuticals, and Definition of Solid Waste rules under Subtitle C of the Resource Conservation and Recovery Act (RCRA). USEPA also made other minor corrections, clarifications, and updates to its hazardous waste regulations.

The Board’s rulemaking is captioned RCRA Subtitle C Update, USEPA Amendments (July 1, 2023 through December 31, 2023), docket R24-12. In all, the Board adopted amendments to six Parts of Title 35: Parts 720, 721, 722, 724, 725, and 726 (35 Ill. Adm. Code 720, 721, 722, 724, 725, 726). Here are links to the Board’s (1) [opinion and order](#); and (2) [addendum](#), which includes the text of the adopted amendments. For more information, please contact Joan Hosty Beacom at 312-814-6924 or [joan.beacom2@illinois.gov](mailto:joan.beacom2@illinois.gov).

## Board Adopts “Identical-in-Substance” Amendments to Wastewater Pretreatment Standards

On November 21, 2024, the Board adopted amendments to Illinois’ wastewater pretreatment regulations. The changes are “identical in substance” to rule amendments adopted by the United States Environmental Protection Agency (USEPA) during the first half of 2024. Specifically, on May 9, 2024, USEPA updated the effluent limitations guidelines and standards (ELGs) for the steam electric power generating point source category.

The Board’s rulemaking is captioned Wastewater Pretreatment Update, USEPA Amendments (January 1, 2024 through June 30, 2024), docket R25-6. Here are links to the Board’s (1) [opinion and order](#); and (2) [addendum](#), which includes the text of the adopted amendments. For more information, please contact Joan Hosty Beacom at 312-814-6924 or [joan.beacom2@illinois.gov](mailto:joan.beacom2@illinois.gov).

## Board Adopts “Identical-in-Substance” Amendments to Ambient Air Quality Standards

On November 21, 2024, the Board adopted amendments to keep Illinois’ ambient air quality standards “identical in substance” to the National Ambient Air Quality Standards (NAAQS). The amendments reflect two actions taken by the United States Environmental Protection Agency (USEPA) during the first half of 2024. First, USEPA revised the primary annual NAAQS for fine particulate matter (PM<sub>2.5</sub>) from 12.0 micrograms per cubic meter of air (12.0 µg/m<sup>3</sup>) to 9.0 µg/m<sup>3</sup>. USEPA set the more stringent standard due to human health effects associated with long- and short-term exposures to PM<sub>2.5</sub> in ambient air. Second, USEPA updated its *List of Designated Reference and Equivalent Methods*. This update modified existing method



designations and designated a new Federal Equivalent Method (FEM) for measuring concentrations of ozone (O<sub>3</sub>) in ambient air.

The Board's rulemaking is captioned National Ambient Air Quality Standards (NAAQS) Update, USEPA Amendments (January 1, 2024 through June 30, 2024), docket R25-7. Here are links to the Board's (1) [opinion and order](#); and (2) [addendum](#), which includes the text of the adopted amendments. For more information, please contact Joan Hosty Beacom at 312-814-6924 or [joan.beacom2@illinois.gov](mailto:joan.beacom2@illinois.gov).

## **Board Proposes Amendments to Groundwater Quality Rules for Second Notice and Opens Sub-Docket**

On January 23, 2025, the Board issued an opinion and order proposing second-notice amendments to update its groundwater quality rules in 35 Ill. Adm. Code 620. In turn, the Board submitted these Part 620 amendments to the Joint Committee on Administrative Rules (JCAR) for its review. The amendments appear on the agenda for JCAR's February 4, 2025 meeting.

This rulemaking, docket R22-18, was initiated with the Illinois Environmental Protection Agency's filing of its proposal to amend Part 620. Before proceeding to second notice, the Board held three public hearings, admitted 33 hearing exhibits, received 79 public comments, and issued opinions and orders for both first notice and a proposed second notice.

The proposed amendments to Part 620 would establish numerical groundwater quality standards for ten new constituents that have been detected in Illinois groundwater, including six per- and polyfluoroalkyl substances commonly called "PFAS." PFAS are known as "forever chemicals" because their carbon-fluorine bonds are very strong. They do not easily degrade. PFAS are bio-accumulative, which means that they can concentrate in tissues of living organisms, including humans. The abbreviated names of the six PFAS constituents for which the Board is adding Part 620 standards are as follows: PFOA; PFOS; PFNA; PFBS; PFHxS; and HFPO-DA (also known as "GenX"). The other new constituents receiving Part 620 standards are molybdenum, lithium, aluminum, and 1-methylnaphthalene. Along with these new groundwater quality standards, the Board's amendments to Part 620 include provisions addressing the interplay between Part 620 and the rules at 35 Ill. Adm. Code 845 on coal combustion residual (CCR) surface impoundments, as well as extensive clarifications of the rules on groundwater management zones.

In addition, as the Board found at second notice, because the landfill rules in 35 Ill. Adm. Code 811 and 814 impose requirements by cross-referencing Part 620, the current landfill rules could subject landfills to potentially significant costs once the Part 620 PFAS standards take effect. To investigate this issue further, including through testimony and evidence at a public hearing, the Board opened a sub-docket, R22-18(A). The Board stated that it would use the sub-docket to consider any proposed amendments to Part 811 or Part 814 prompted by adoption of the Part 620 PFAS standards.

At second notice, the Board also proposed adding "exception" language to Part 620 to ensure—for the time being—that Part 811 and Part 814 facilities need not comply with any provision of



those landfill rules to the extent the provision incorporates or is otherwise based on a Part 620 PFAS constituent or standard. The Board stated that it would use the information received in the sub-docket to consider removing this exception from Part 620.

The rulemaking is captioned Proposed Amendments to Groundwater Quality 35 Ill. Adm. Code 620, R22-18. Here are links to (1) the Board's [second-notice opinion and order](#); and (2) the Board's [addendum](#) to its second-notice opinion and order, which contains the text of the proposed amendments. For more information, please contact Vanessa Horton at 312-814-5053 or [vanessa.horton@illinois.gov](mailto:vanessa.horton@illinois.gov).



# BOARD ACTIONS

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## October 3, 2024 Regular Meeting By videoconference in Chicago and Springfield

### ADMINISTRATIVE CITATIONS

[AC 25-2](#) County of Macon v. Roger Major and Hollie Major (Land) – After Roger Major and Hollie Major failed to timely file a petition to contest this administrative citation, the Board found that they violated Section 21(p)(1), (p)(3), and (p)(7) of the Environmental Protection Act (415 ILCS 5/21(p)(1), (p)(3), (p)(7) (2022)), as alleged. Because there were three violations of Section 21(p), the Board ordered Roger Major and Hollie Major to pay a total civil penalty of \$4,500, reflecting the statutory penalty of \$1,500 per violation.

### ADJUDICATORY CASES

[PCB 24-65](#) Republic Services, Inc. v. McLean County, Illinois; McLean County Board; and Lakeshore Recycling Systems, LLC (Land – Third-Party Pollution Control Facility Siting Appeal) – The Board vacated the McLean County Board’s February 15, 2024 siting decision, which had granted siting approval for Lakeshore Recycling Systems, LLC’s proposed municipal waste transfer station.

[PCB 25-13](#) Mazel 8 LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Vermilion County site.

[PCB 25-24](#) People of the State of Illinois v. Imperial Zinc Corp. (Air – Enforcement) – The Board accepted for hearing the People’s complaint concerning Imperial Zinc’s secondary zinc processing facility in Cook County.

## October 17, 2024 Regular Meeting By videoconference in Chicago and Springfield

### RULEMAKINGS

[R22-18](#) Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620) (Public Water Supply) – The Board adopted a proposed Second Notice proposal to amend the Board’s groundwater rules and set a deadline of November 18, 2024, to file comments.

[R25-19](#) Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175 (Administrative) – The Board adopted an order responding to the apparent position of the Index Department of the Secretary of State’s Office declining to publish rules adopted by the Board on September 5, 2024.



## ADJUDICATORY CASES

[PCB 24-17](#) People of the State of Illinois v. Crystal Cold, LLC (Land, RCRA – Enforcement) – Upon receiving a stipulation, proposal for settlement, and request for relief from the hearing requirement in this enforcement action concerning a Douglas County refrigeration facility, the Board directed the Clerk to provide the required newspaper notice.

[PCB 24-58](#) People of the State of Illinois v. Prestone Products Corporation (Air – Enforcement) – In this enforcement action concerning a Cook County wiper fluid formulation facility, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered Prestone Products Corp. to pay a civil penalty of \$10,000 and cease and desist from further violations.

[PCB 25-6](#) Archer Daniels Midland Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board construed ADM’s agreed motion for an additional extension of the permit appeal period as a timely petition for review and directed ADM to file an amended petition for review by November 14, 2024.

## November 7, 2024 Regular Meeting By videoconference in Chicago and Springfield

## RULEMAKING

[R24-12](#) RCRA Subtitle C (Hazardous Waste) Update, USEPA Amendments (July 1, 2023 through December 31, 2023) (Land) – The Board adopted a final opinion and order in this identical-in-substance rulemaking to amend the Board’s hazardous waste regulations.

[R24-17](#) Proposed Clean Car and Truck Standards: New 35 Ill. Adm. Code 242 (Air) – The Board denied both the Indiana, Illinois, Iowa Foundation for Fair Contracting’s and the Illinois Fuel & Retail Association’s respective motions to dismiss the rulemaking proposal.



## ADJUDICATORY CASES

- [PCB 25-15](#)** Dynegy Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Appeal) – The Board accepted for hearing this appeal involving a coal combustion residual (CCR) surface impoundment known as the “New East Ash Pond” at Dynegy’s Vermillion Power Plant in Vermillion County. The Board granted Dynegy’s unopposed motion to stay the requirements of 35 Ill. Adm. Code 845.650(d), 845.660, 845.670, and 845.680 as they apply to an exceedance of the total dissolved solids (TDS) groundwater protection standard at the New East Ash Pond. Lastly, the Board also granted IEPA’s motion to extend until December 31, 2024, the time for filing the record.
- [PCB 25-16](#)** Parks Livestock E4-Milford v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Parks Livestock’s livestock waste management facilities in Iroquois County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).
- [PCB 25-17](#)** S and S Infinite Group Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Peoria County site.
- [PCB 25-18](#)** Chevron Environmental Management Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to February 3, 2025.
- [PCB 25-19](#)** People of the State of Illinois v. Illinois Tool Works, Inc. d/b/a ITW Deltar Seat Components, d/b/a ITW Automotive Safety Division, and d/b/a ITW Global Safety (Air – Enforcement) – Upon receiving a complaint, stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning ITW’s automotive parts manufacturing facility in DuPage County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.
- [PCB 25-20](#)** People of the State of Illinois v. CTI Development, LLC (Land, CCR – Enforcement) – The Board accepted for hearing the People’s complaint concerning Wood River Power Station, a former coal-fired power plant in Madison County.
- [PCB 25-21](#)** People of the State of Illinois v. Finch Development LLC (Land, CCR – Enforcement) – The Board accepted for hearing the People’s complaint concerning Havana Power Station, a former coal-fired power plant in Mason County.





**November 21, 2024 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**RULEMAKING**

**[R25-6](#)**

Wastewater Pretreatment Update, USEPA Amendments (January 1, 2024 through June 30, 2024) (Water) – The Board adopted a final opinion and order in this identical-in-substance rulemaking to amend the Board’s wastewater pretreatment regulations.

**[R25-7](#)**

National Ambient Air Quality Standards (NAAQS), USEPA Amendments (January 1, 2024 through June 30, 2024) (Air) – The Board adopted a final opinion and order in this identical-in-substance rulemaking to amend the Board’s ambient air quality regulations.

**ADJUDICATORY CASES**

**[PCB 24-17](#)**

People of the State of Illinois v. Crystal Cold, LLC (Land, RCRA – Enforcement) – In this enforcement action concerning a Douglas County refrigeration business, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered Crystal Cold to pay a \$25,000 civil penalty and to cease and desist from further violations.

**[PCB 25-3](#)**

Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board accepted for hearing this appeal involving a construction permit issued by IEPA to retrofit a coal combustion residual (CCR) surface impoundment at Midwest Generation’s Powerton Generating Station. The Board also reserved ruling on Midwest Generation’s motion for partial stay.

**[PCB 25-4](#)**

Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board accepted for hearing this appeal involving a permit issued by IEPA to operate a coal combustion residual (CCR) surface impoundment at Midwest Generation’s Powerton Generating Station. The Board also reserved ruling on Midwest Generation’s motion for partial stay.

**[PCB 25-6](#)**

Archer Daniels Midland Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board granted ADM’s motion for voluntary dismissal of this permit appeal concerning its North Water Treatment Plant in Macon County.



[PCB 25-22](#) Wabash Valley Service Company – Browns v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Wabash Valley Service Company’s agrichemical storage structures in Edwards County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-23](#) Mark Banwart – Congerville v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Mark Banwart’s livestock waste management facilities in Woodford County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-24](#) City of Springfield, Illinois v. Illinois Environmental Protection Agency (Public Water Supply – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to February 13, 2025.

**December 5, 2024 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**ADJUSTED STANDARDS**

[AS 24-2](#) Petition of East Dubuque Nitrogen Fertilizers, LCC for Adjusted Standard (Air) – The Board granted EDNF’s unopposed motion for voluntary dismissal, dismissed EDNF’s adjusted standard petition, and closed the docket.

**ADJUDICATORY CASES**

[PCB 13-72](#) People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board denied Petco’s motion to reconsider the Board’s August 22, 2024 order.

[PCB 25-11](#) Prairie State Generating Company, LLC v. Illinois Environmental Protection Agency (Air, CAAPP – Permit Appeal) – The Board directed IEPA to issue either a draft permit or a permit denial within one year after Prairie State submits an updated, complete Clean Air Act Permit Program (CAAPP) permit application. If IEPA issues a draft permit, IEPA must issue a final permit within two years after Prairie State’s submittal of the updated, complete CAAPP permit application.

[PCB 25-18](#) Chevron Environmental Management Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board accepted for hearing this National Pollutant Discharge Elimination System (NPDES) permit appeal involving Chevron Environmental’s former refinery in Will County. The Board reserved ruling on Chevron Environmental’s motion to stay the effectiveness of contested permit conditions.



[PCB 25-19](#) People of the State of Illinois v. Illinois Tool Works, Inc. d/b/a ITW Deltar Seat Components, d/b/a ITW Automotive Safety Division, and d/b/a ITW Global Safety (Air – Enforcement) – In this enforcement action concerning a DuPage County automotive parts manufacturing facility, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered ITW to pay a \$15,000 civil penalty and to cease and desist from further violations.

[PCB 25-25](#) David Carroll Limited Partnership – Stronghurst v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that David Carroll Limited Partnership’s livestock waste management facilities in Henderson County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-26](#) Sunrise FS – Virginia v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Sunrise FS’ agrichemical containment facilities in Cass County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-27](#) Michael T. Laurenzana v. Illinois Environmental Protection Agency and Central Commodity FS (Water, NPDES – Permit Appeal) – The Board ordered Mr. Laurenzana to file and serve an amended petition that cures the noted deficiencies. The amended petition must be filed by January 6, 2025.

**December 19, 2024 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**ADJUSTED STANDARDS**

[AC 25-3](#) County of LaSalle v. Roxanne Dormer (Land) – After Dormer failed to timely file a petition to contest this administrative citation, the Board found that she violated Section 21(p)(1) of the Environmental Protection Act (415 ILCS 5/21(p)(1) (2022)), as alleged. Because there was one violation of Section 21(p), the Board ordered Dormer to pay a total civil penalty of \$1,500, reflecting the statutory penalty of \$1,500 per violation.

**ADJUDICATORY CASES**

[PCB 25-3](#) Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board granted MWG’s motion to stay specified provisions of a coal combustion residual (CCR) surface impoundment retrofit construction permit issued to MWG by IEPA. This permit appeal concerns MWG’s Powerton Generating in Pekin, Tazewell County.



- PCB 25-4** Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board granted MWG’s motion to stay specified provisions of a coal combustion residual (CCR) surface impoundment operating permit issued to MWG by IEPA. This permit appeal concerns MWG’s Powerton Generating in Pekin, Tazewell County.
- PCB 25-9** Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted WMII’s petition for hearing on IEPA’s determination to modify WMII’s Resource Conservation and Recovery Act (RCRA) permit with conditions. The Board also reserved ruling on both WMII’s request for a stay finding and its motion to consolidate. This permit appeal concerns WMII’s closed hazardous waste management units at the Laraway Recycling and Disposal Facility in Joliet, Will County.
- PCB 25-10** Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted WMII’s petition for hearing on IEPA’s determination to extend post-closure care and requirements for financial assurance. The Board also reserved ruling on both WMII’s request for a stay finding and its motion to consolidate. This permit appeal concerns WMII’s closed hazardous waste management units at the Laraway Recycling and Disposal Facility in Joliet, Will County.
- PCB 25-12** BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted BFI’s petition for hearing on IEPA’s determination requiring that BFI request a Resource Conservation and Recovery (RCRA) permit modification to extend post-closure care. This permit appeal concerns BFI’s Davis Junction landfill in Ogle County.
- PCB 25-28** Dynegy Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Appeal) – The Board accepted Dynegy’s petition for hearing on IEPA’s non-concurrence with Dynegy’s alternative source demonstration (ASD) under the coal combustion residual (CCR) surface impoundment rules (35 Ill. Adm. Code 845). IEPA’s determination concerns Dynegy’s Bottom Ash Pond at its Baldwin Power Plant near Baldwin in Randolph County. The Board also reserved ruling on Dynegy’s motion for partial stay.
- PCB 25-29** Wabash Valley Service Company – Allendale v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Wabash Valley Service Company’s agrichemical containment structures in Wabash County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).



[PCB 25-30](#) David Carroll Limited Partnership – Stronghurst v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that David Carroll Limited Partnership’s livestock waste management facilities in Henderson County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-31](#) City of Rochelle v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to March 3, 2025. IEPA issued a National Pollutant Discharge Elimination System (NPDES) permit with conditions for the City’s water reclamation facility in Rochelle, Ogle County.

[PCB 25-32](#) Leon Troyer – Bluford v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Troyer’s livestock waste management facilities in Jefferson County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-33](#) Precision Pork, LLC – Amboy v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Precision Pork’s livestock waste management facilities in Lee County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-34](#) Sheffey Farms, Inc. – Pearl City v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Sheffey Farms’ livestock waste management structure in Stephenson County is a pollution control facility for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-35](#) Sheffey Farms, Inc. – Pearl City v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Sheffey Farms’ livestock waste management structure in Stephenson County is a pollution control facility for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

**January 9, 2025 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**RULEMAKINGS**

[R25-19](#) Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175 (Administrative) – The Board adopted an order responding the Joint Committee on Administrative Rules December 10, 2024 recommendation.



## ADJUDICATORY CASES

- PCB 23-49** Village of Glenview and Solid Waste Agency of Northern Cook County v. Catholic Bishop of Chicago and Illinois Environmental Protection Agency (Water, Land – Enforcement, Citizen) – The Board granted Complainants ‘motion for voluntary dismissal.
- PCB 24-52** People of the State of Illinois v. Clean Cut Lawn Care, LLC (Land, Air – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning Clean Cut Lawn Care’s Kankakee County clean construction or demolition debris recycling facility, the Board directed the Clerk to provide the required newspaper notice.
- PCB 25-1** ABP Properties, LLC v. Illinois Environmental Protection Agency (UST Appeal) – No Action taken.
- PCB 25-9** Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted WMI’s motion to consolidate PCB 25-9 and PCB 25-10. The Board also granted the WMI’s motion for a partial stay.
- PCB 25-10** Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted WMI’s motion to consolidate PCB 25-9 and PCB 25-10. The Board also granted the WMI’s motion for a partial stay.
- PCB 25-18** Chevron Environmental Management Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board granted Chevron’s motion to stay the effectiveness of the contested permit.
- PCB 25-28** Dynegy Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Appeal) – The Board granted the Dynegy’s motion for a partial stay.
- PCB 25-36** Sunrise FS-Havana v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Sunrise FS’ agrichemical containment facilities in Mason County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).



**January 23, 2025 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**RULEMAKINGS**

- [R22-18](#) Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620) (Public Water Supply) – The Board adopted a second-notice proposal to amend the Board’s groundwater rules. The Board also opened a sub-docket to address the Part 620 PFAS standards’ potential economic impact on facilities regulated by 35 Ill. Adm. Code 811 or 814.
- [R25-1](#) SDWA Update, USEPA Regulations (January 1, 2024 through June 30, 2024) (Public Water Supply)
- [R25-9](#) SDWA Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Public Water Supply) – The Board adopted an order extending the due date for final action until October 30, 2025, and consolidating these “identical-in-substance” dockets.
- [Consol.](#)

**ADJUDICATORY CASES**

- [PCB 25-27](#) Michael T. Laurenzana v. Illinois Environmental Protection Agency and Central Commodity FS (Water, NPDES – Permit Appeal) – The Board dismissed the amended petition for failure to cure the noted deficiencies and closed the docket.
- [PCB 25-37](#) The Breaking Point, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend the appeal period to April 15, 2025.
- [PCB 25-38](#) The Breaking Point, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend the appeal period to April 17, 2025.
- [PCB 25-39](#) Minit Mart, LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend the appeal period to May 12, 2025.
- [PCB 25-40](#) People of the State of Illinois v. Royal Creation Inc. and Stefon Givens (Land, Water – Enforcement) – The Board accepted for hearing the People’s complaint alleging a diesel fuel release from a truck collision at or near the intersection of Argo Fay Route and Thomson Road in Carroll County.



# CALENDAR

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## Thursday, February 6, 2025 (11:00 AM)

### Board meeting by videoconference

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

## Thursday, February 20, 2025 (11:00 AM)

### Board meeting by videoconference

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

## Thursday, March 6, 2025 (11:00 AM)

### Board meeting by videoconference

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

## Monday, March 10, 2025 (9:00 AM)

### Hearing by videoconference: Proposed Clean Car and Truck Standards: Proposed 35 Ill. Adm. Code 242, R24-17

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room Rooms 1C and 1D, Springfield

During the hearing on March 10, 2025, one hour—from 1:00 PM to 2:00 PM—will be set aside for in-person public comment.

## Tuesday, March 11, 2025 (9:00 AM)

### Hearing by videoconference: Proposed Clean Car and Truck Standards: Proposed 35 Ill. Adm. Code 242, R24-17

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room Rooms 1C and 1D, Springfield

During the hearing on March 11, 2025, two hours—from 4:00 PM to 6:00 PM—will be set aside for on-line public comment through Webex.

## Wednesday, March 12, 2025 (9:00 AM)

### Hearing by videoconference: Proposed Clean Car and Truck Standards: Proposed 35 Ill. Adm. Code 242, R24-17

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room Rooms 1C and 1D, Springfield

## Thursday, March 20, 2025 (11:00 AM)

### Board meeting by videoconference

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield





**Thursday, April 3, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
2520 West Iles Avenue, Conf. Room 1.508, Springfield

**Thursday, April 17, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
2520 West Iles Avenue, Conf. Room 1.508, Springfield

**Thursday, May 1, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
2520 West Iles Avenue, Conf. Room 1.508, Springfield

**Thursday, May 15, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
2520 West Iles Avenue, Conf. Room 1.508, Springfield

The events listed above are subject to change, and more events may be added. Here is a link to the [Board's current calendar](#).



# RESTRICTED STATUS / CRITICAL REVIEW LISTS

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**Division of Public Water Supplies**



Illinois Environmental Protection Agency  
 Division of Public Water Supplies  
 Restricted Status List – Community Water Supplies

January 2025

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
ALBION	IL0470050	7	MANGANESE MCL VIOLATION	2839	1/19/2022
ALEXANDER WATER DISTRICT	IL1370020	5	TOTAL TRIHALOMETHANES MCL VIOLATION	140	6/21/2024
ALTO PASS WATER DISTRICT	IL1815150	7	INADEQUATE SOURCE CAPACITY	1015	6/30/2021
ANDOVER	IL0730100	1	NO BACKUP SOURCE	644	3/24/2016
APPLE CREEK WATER COOP	IL1370040	5	TOTAL TRIHALOMETHANES MCL VIOLATION	968	9/27/2023
AQUA ILLINOIS - OAK RUN	IL0955200	5	NSF/ANSI STANDARD 60 VIOLATION	1800	1/27/2023
ASSUMPTION*	IL0210050	5	TOTAL TRIHALOMETHANES MCL VIOLATION	1315	10/23/2024
ATLANTA	IL1070050	5	MINIMUM CHLORINE RESIDUAL VIOLATION	1692	3/23/2022
AVANTARA LONG GROVE	IL0971110	2	INADEQUATE PRESSURE TANK	200	12/1/2003
BARBERRY ACRES MHP	IL0915145	2	INADEQUATE PRESSURE TANK	50	10/4/1983
BATCHTOWN	IL0130050	6	INADEQUATE STORAGE CAPACITY	290	11/14/2023
BAYLES LAKE LOT OWNERS ASSOCIATION	IL0755110	4	NO ELEVATED OR GROUND STORAGE	645	12/13/2023
BELLMONT	IL1850100	7	NO EMERGENCY GENERATOR	297	10/27/2023
BILL-MAR HEIGHTS MHP	IL2015345	1	INADEQUATE PRESSURE TANK	240	3/18/1983
BLACKHAWK ESTATES LLC	IL0317765	2	COMBINED RADIUM MCL VIOLATION	1238	5/24/2024
BONNIE	IL0810150	7	NO ELEVATED OR GROUND STORAGE	437	7/20/2018
BROADVIEW ESTATES EAST PEORIA	IL1795365	5	INADEQUATE PRESSURE TANK	89	3/18/1983
BUCKINGHAM	IL0910250	2	INADEQUATE PRESSURE TANK	300	12/15/2023
BUFFALO HOLLOW FARMS WATER ASSOCIATION	IL1430080	5	INADEQUATE PRESSURE TANK	45	6/16/2008
BUSY BEE MHP #1	IL1975195	2	INADEQUATE PRESSURE TANK	25	7/15/2022
CAPRON MHP	IL0075105	1	INADEQUATE PRESSURE TANK	90	3/18/1983
CARBONDALE	IL0770150	7	TOTAL ORGANIC CARBON REMOVAL VIOLATION	22107	9/5/2024
CENTRAL MACOUPIN RURAL WATER DISTRICT	IL1170040	5	MINIMUM CHLORINE RESIDUAL VIOLATION	1898	8/29/2018
CENTURY PINES APARTMENTS	IL0150020	1	INADEQUATE PRESSURE TANK	25	12/14/1990
CHAIN-O-LAKES MHP	IL0975165	2	INADEQUATE PRESSURE TANK	84	12/15/1989



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
CHESTERFIELD	IL1170200	5	MINIMUM CHLORINE RESIDUAL VIOLATION	180	8/29/2018
CLARKS MHP	IL2015425	1	INADEQUATE PRESSURE TANK	90	12/16/1991
COBDEN	IL1810150	7	INADEQUATE SOURCE CAPACITY	1343	6/30/2021
COLONIAL MEADOWS	IL1135100	6	MINIMUM CHLORINE RESIDUAL VIOLATION	190	9/19/2018
COOKS MILLS WATER ASSOCIATION	IL0295200	4	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	600	12/29/2021
COUNTRY ACRES MHP (LA SALLE COUNTY)	IL0995365	1	COMBINED RADIUM AND GROSS ALPHA MCL VIOLATIONS	222	5/26/2021
CRISWELL COURT MHP	IL1975105	2	INADEQUATE PRESSURE TANK	94	12/15/1989
DAYSPRING BIBLE COLLEGE (north area)	IL0977189	2	INADEQUATE PRESSURE TANK	52	6/15/1988
DES PLAINES MHP	IL0317775	2	INADEQUATE SOURCE CAPACITY, INADEQUATE PRESSURE TANK, AND GROSS ALPHA MCL VIOLATION	581	3/16/1984
DIXMOOR	IL0310660	2	NO ELEVATED OR PRESSURE STORAGE	2973	2/24/2023
DWIGHT	IL1050250	4	ARSENIC MCL VIOLATION	4400	9/27/2023
EAGARVILLE	IL1170300	5	MINIMUM CHLORINE RESIDUAL VIOLATION	127	2/23/2024
EAST END WATER ASSOCIATION	IL1610140	1	INADEQUATE PRESSURE TANK	40	3/15/2002
EAST MORELAND WATER ASSOCIATION	IL1975600	2	NO ELEVATED OR GROUND STORAGE	1055	9/9/2016
EDELSTEIN WATER COOPERATIVE	IL1435150	5	INADEQUATE GROUND STORAGE	125	1/1/2015
EDINBURG	IL0210150	5	TOTAL TRIHALOMETHANES MCL VIOLATION	1068	12/16/2022
EHLERS MHP	IL0195645	4	INADEQUATE PRESSURE TANK	112	12/17/1982
EJ WATER - SANGCHRIS SERVICE AREA	IL1670230	5	TOTAL TRIHALOMETHANES MCL VIOLATION	886	1/2/2024
ELIZABETH (upper elevation area)	IL0850150	1	LOW SYSTEM PRESSURE	675	6/15/1999
EXETER - MERRITT WATER COOP	IL1710010	5	TOTAL TRIHALOMETHANES MCL VIOLATION AND INADEQUATE STORAGE CAPACITY	820	10/1/2013 & 9/4/2024
FALCON FARMS	IL1617635	1	NO ELEVATED OR GROUND STORAGE	475	10/31/2019
FORD HEIGHTS	IL0310720	2	MINIMUM CHLORINE RESIDUAL VIOLATION	1813	12/9/2022
FOUR STAR CAMPGROUND	IL0990060	1	INADEQUATE PRESSURE TANK	150	6/15/1999
GOLCONDA	IL1510100	7	INADEQUATE SOURCE CAPACITY	672	9/14/2022
GREEN MEADOWS ESTATES OF ROCKFORD LLC	IL2015495	1	COMBINED RADIUM MCL VIOLATION; INADEQUATE GROUND STORAGE & INADEQUATE PRESSURE TANK	970	6/15/2012
HETTICK	IL1170500	5	MINIMUM CHLORINE RESIDUAL VIOLATION	182	6/30/2021
HIGHLAND SUBDIVISON	IL0895530	2	INADEQUATE PRESSURE TANK	40	9/16/1983



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
HILLCREST	IL1410250	1	INADEQUATE SOURCE CAPACITY	1400	2/13/2018
HILLSDALE ESTATES, LLC	IL1615530	1	INADEQUATE PRESSURE TANK	63	3/18/1983
HILLSDALE PROPERTIES	IL1615728	1	INADEQUATE PRESSURE TANK	60	1/14/1982
HOLLY HOCK HILL MHP	IL0975245	2	INADEQUATE PRESSURE TANK	52	12/16/1983
HONEYCUTT HILL MHP LLC	IL1955225	1	INADEQUATE PRESSURE TANK	75	9/17/1982
IL AMERICAN - ANDALUSIA (upper elevation area)	IL1610050	1	LOW SYSTEM PRESSURE	1050	10/1/2003
INGALLS PARK SUBDIVISION	IL1975880	2	NO ELEVATED OR GROUND STORAGE	744	9/16/1983
JASPER WATERWORKS CORP	IL1910020	7	MINIMUM CHLORINE RESIDUAL VIOLATION AND TOTAL TRIHALOMETHANES MCL VIOLATION	1483	10/28/2022
KINGSTON	IL0370250	1	NO OPTIMAL CORROSION CONTROL TREATMENT	1160	2/16/2022
LAKE OF EGYPT PWD	IL1995200	7	TOTAL ORGANIC CARBON REMOVAL VIOLATION	11,368	9/5/2024
LAND AND WATER ASSOCIATION	IL0995050	1	COMBINED RADIUM MCL VIOLATION	100	8/26/2022
LE ROY	IL1130750	4	MINIMUM CHLORINE RESIDUAL VIOLATION	3800	2/16/2024
LEWISTOWN	IL0570600	5	MANGANESE MCL VIOLATION	2400	12/29/2021
LIBERTY PARK HOMEOWNERS' ASSOCIATION	IL0435600	2	INADEQUATE GROUND STORAGE CAPACITY	837	9/17/1992
LICK CREEK PWD (area served by Anna - Jonesboro Water Commission)	IL1815100	7	TOTAL TRIHALOMETHANES MCL VIOLATION	2191	5/3/2024
LICK CREEK PWD (area served by Lake of Egypt PWD)	IL1815100	7	INADEQUATE CHLORINE RESIDUAL	2191	12/8/2023
LINWAY ESTATES MHP	IL0315935	2	NO ELEVATED OR GROUND STORAGE	460	2/28/2017
LISBON NORTH, INC.	IL0631000	2	INADEQUATE PRESSURE TANK	25	9/14/1990
LONDON MILLS	IL0574620	5	INADEQUATE SOURCE CAPACITY	400	7/13/2022
LYNNWOOD WATER CORPORATION	IL0995336	1	INADEQUATE PRESSURE TANK	100	3/18/1983
MACOMB	IL1090350	5	TOTAL TRIHALOMETHANES MCL VIOLATION	15052	2/23/2024
MALTA	IL0370350	1	NO AUTO-START GENERATOR & INADEQUATE HIGH SERVICE PUMP CAPACITY	1143	6/15/2012
MANCUSO VILLAGE PARK MHP	IL2015545	1	INADEQUATE PRESSURE TANK	537	6/18/1982
MANTENO MHP	IL0915385	2	INADEQUATE PRESSURE TANK	144	12/14/1990
MAPLE ACRES MHP	IL0115135	1	ARSENIC MCL VIOLATION	250	2/23/2024
MAPLETON	IL1430500	5	NO OPTIMAL CORROSION CONTROL TREATMENT	261	5/13/2022
MARENGO	IL1110650	2	INADEQUATE SOURCE WATER TREATMENT	7572	8/19/2022
MEADOWBROOK MH COMMUNITY	IL1635060	6	TOTAL TRIHALOMETHANES AND HALOACETIC ACIDS MCL VIOLATIONS	228	4/12/2024
MILLSTONE PWD*	IL1515050	7	ARSENIC MCL VIOLATION	5565	10/16/2024
MONMOUTH*	IL1870150	5	COMBINED RADIUM MCL VIOLATION	8902	10/30/2024



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
MOUNT AUBURN	IL0210350	5	TOTAL TRIHALOMETHANES MCL VIOLATION	480	2/23/2024
MOUNT ERIE	IL1910350	7	INADEQUATE SOURCE CAPACITY AND TOTAL TRIHALOMETHANES MCL VIOLATION	116	5/21/2021
MOUNT ZION	IL1150350	4	TOTAL TRIHALOMETHANES MCL VIOLATION	5833	1/19/2022
NASON	IL0810350	7	NO STORAGE	243	5/25/2022
OAK RIDGE SD	IL2035300	1	INADEQUATE PRESSURE TANK	300	3/20/1981
OSCO MUTUAL WATER SUPPLY COMPANY, INC.	IL0735200	1	INADEQUATE PUMP CAPACITY	115	12/15/1989
OTTAWA ESTATES MHP	IL0995225	1	INADEQUATE PRESSURE TANK	70	3/18/1983
PAULS MHP	IL0975485	2	INADEQUATE PRESSURE TANK	38	12/16/1983
PEORIA HEIGHTS	IL1434750	5	MANGANESE MCL VIOLATION	5908	12/29/2021
POLO DR AND SADDLE RD SUBDIVISION	IL0437000	1	INADEQUATE CHLORINE RESIDUAL AND NO EMERGENCY POWER	93	1/26/2024
PORT BYRON	IL1610550	1	MANGANESE MCL VIOLATION	1678	1/19/2022
PORTS SULLIVAN LAKE OWNERS' ASSOCIATION	IL0971160	2	INADEQUATE PRESSURE TANK	293	6/15/1999
PRAIRIE PATH WATER - BAHL WATER COMPANY	IL0855200	1	NO ELEVATED OR GROUND STORAGE	700	12/15/1993
PRAIRIE PATH WATER - WALK-UP WOODS WATER COMPANY	IL1115800	2	NO ELEVATED OR GROUND STORAGE	781	12/17/1982
PRAIRIE ROAD PUMP ASSOCIATION	IL2015100	1	INADEQUATE PRESSURE TANK	150	1/1/2006
QUAIL RUN MHP	IL1190270	6	MINIMUM CHLORINE RESIDUAL VIOLATION	168	2/9/2024
RAINBOW LANE MHP	IL2015645	1	INADEQUATE PRESSURE TANK	83	6/17/1983
REDDICK	IL0914780	2	COMBINED RADIUM MCL VIOLATION	196	2/23/2024
RIO	IL0950450	5	NSF/ANSI STANDARD 60 VIOLATION	265	11/3/2023
ROCKLAND MHP	IL0975585	2	INADEQUATE PRESSURE TANK	165	12/16/1983
ROYAL OAKS MHP	IL1115145	2	INADEQUATE PRESSURE TANK	131	6/17/1983
SCALES MOUND	IL0850400	1	LOW SYSTEM PRESSURE (at elev. above 990 ft. MSL)	376	9/15/1997
SECOR	IL2030600	1	ARSENIC MCL VIOLATION	400	11/8/2023
SENECA MOBILE HOMES LLC	IL0995425	1	INADEQUATE PRESSURE TANK	10	9/17/1982
SHANGRI-LA MHP	IL1415285	1	INADEQUATE PRESSURE TANK	450	9/16/1983
SILVIS HEIGHTS WATER CORP	IL1615750	1	NO EMERGENCY GENERATOR	1460	12/1/2003
SIX OAKS MHP	IL2015685	1	INADEQUATE PRESSURE TANK	48	6/18/1982
SOUTH JACKSONVILLE	IL1370400	5	INADEQUATE SOURCE CAPACITY	3508	8/19/2022
SOUTH PEKIN	IL1790650	5	MANGANESE MCL VIOLATION	1146	1/19/2022
SPIN LAKE HOMEOWNERS' ASSOCIATION	IL1135140	4	NITRITE MCL VIOLATION	200	10/1/2021
SPRING VALLEY*	IL0111000	1	ONLY ONE WELL	5582	11/1/2024
STEELEVILLE*	IL1570650	6	COMBINED RADIUM MCL VIOLATION	1930	10/23/2024
STEPHENSON MOBILE ESTATES	IL1775235	1	INADEQUATE PRESSURE TANK AND INADEQUATE CHLORINE RESIDUAL	223	6/17/1983



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
STONEWOOD EDGEWOOD TERRACE LLC	IL1795345	5	INADEQUATE CHLORINE RESIDUAL	248	10/28/2022
SUNNY HILLS ESTATES SUBDIVISION	IL0735300	1	INADEQUATE PRESSURE TANK	525	6/15/2000
SUNNYLAND SUBDIVISION**	IL1977730	2	INADEQUATE SOURCE CAPACITY	300	6/12/2018
SWEDONA WATER ASSOCIATION	IL1315200	1	INADEQUATE PRESSURE TANK	110	6/15/1990
SYLVAN LAKE 1ST SUBDIVISION	IL0977100	2	INADEQUATE PRESSURE TANK	210	6/14/1991
TIMBER RIDGE MOBILE ESTATES	IL1775255	1	INADEQUATE PRESSURE TANK	150	6/17/1996
TOWNERS SUBDIVISION	IL0977250	2	INADEQUATE PRESSURE TANK	206	1/14/1982
VALLEY VIEW MANOR	IL0195865	4	ARSENIC MCL VIOLATION	120	3/12/2024
VANDALIA	IL0510350	6	HALOACETIC ACIDS MCL VIOLATION	7458	9/5/2024
VERMONT	IL0570950	5	TOTAL TRIHALOMETHANE MCL VIOLATION & HALOACETIC ACID MCL VIOLATION	738	5/27/2020
WALTONVILLE	IL0810400	7	LOW SYSTEM PRESSURE AND NOT MEETING STORAGE, PUMPING, AND EMERGENCY GENERATOR REQUIREMENTS	1901	5/25/2022
WEATHERSTONE LAKES MHP	IL0312800	2	INADEQUATE CHLORINE RESIDUAL	221	1/19/2024
WESTFIELD	IL0230200	4	NO OPTIMAL CORROSION CONTROL TREATMENT	678	2/16/2022
WILLOWAY TERRACE MHP	IL0317595	2	NO ELEVATED OR GROUND STORAGE & INADEQUATE SOURCE CAPACITY	900	6/15/1984
WOOD DALE ESTATES	IL0437245	2	INADEQUATE PRESSURE TANK	145	6/17/1983
WOODLAND	IL0751000	4	INADEQUATE SOURCE CAPACITY	319	7/15/2022



Illinois Environmental Protection Agency  
 Division of Public Water Supplies  
 Critical Review List – Community Water Supplies

January 2025

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
AIR VIEW MHP	IL1615185	1	NO BACKUP SOURCE	200	8/7/2020
ALEXIS*	IL1874000	5	INADEQUATE SOURCE CAPACITY	836	10/16/2024
ANCHOR	IL1130050	4	ONLY ONE WELL	155	8/28/2020
AQUA ILLINOIS - HIGHLAND ESTATES	IL0915220	2	ONLY ONE WELL	171	1/13/2021
AQUA ILLINOIS - INDIANOLA	IL1830500	4	ONLY ONE WELL	224	12/11/2020
AQUA ILLINOIS - SKYLINE	IL0915450	2	ONLY ONE WELL	249	1/8/2021
AQUA ILLINOIS - SUN RIVER TERRACE	IL0910720	2	ONLY ONE WELL	498	1/13/2021
BEAVER CREEK VILLAGE MHP	IL0755125	4	ONLY ONE WELL	48	1/6/2021
BROWNING	IL1690050	5	ONLY ONE WELL	175	12/2/2020
BUFFALO HOLLOW FARMS WATER ASSOCIATION	IL1430080	5	ONLY ONE WELL	45	7/22/2020
BUSY BEE MHP #1	IL1975195	2	ONLY ONE WELL	25	12/4/2020
CAMP GROVE	IL1235100	1	ONLY ONE WELL	100	6/24/2020
CANTON	IL0570250	5	INADEQUATE TREATMENT CAPACITY	16748	3/15/2007
CAPRON MHP	IL0075105	1	ONLY ONE WELL	90	1/27/2021
CARBON HILL	IL0630100	2	INADEQUATE TREATMENT CAPACITY	345	12/14/2016
CARROLL HEIGHTS UTILITIES COMPANY	IL0155200	1	ONLY ONE WELL	80	1/27/2021
CARTHAGE	IL0670250	5	ONLY ONE WELL	2605	4/11/2023
CEDAR BROOK ESTATES SUBDIVISION	IL1615170	1	ONLY ONE WELL	200	8/7/2020
CEDAR POINT WATER COMPANY	IL0995040	1	ONLY ONE WELL	266	8/26/2020
CEDAR WATER COMPANY, INC.	IL0955150	5	ONLY ONE WELL	172	1/13/2021
CENTURY PINES APARTMENTS	IL0150020	1	ONLY ONE WELL	25	1/27/2021
CHAIN-O-LAKES MHP	IL0975165	2	ONLY ONE WELL	84	8/28/2020
CHERRYDALE SUBDIVISION	IL1615120	1	ONLY ONE WELL	63	8/5/2020
CHIGAKWA PARK ESTATES	IL1615140	1	ONLY ONE WELL	53	8/7/2020
CLARKS MHP	IL2015425	1	ONLY ONE WELL	90	12/4/2020
COAL CITY	IL0630200	2	INADEQUATE TREATMENT CAPACITY	5749	12/14/2016
COLONIAL MEADOWS	IL1135100	6	ONLY ONE WELL	190	9/26/2020
COUNTRY LANE MHP	IL1135385	4	ONLY ONE WELL	50	6/24/2020
COUNTRY VIEW ESTATES MHP	IL0195625	4	ONLY ONE WELL	97	1/27/2021
COUNTRY VIEW ESTATES SUBDIVISION	IL1415220	1	ONLY ONE WELL	125	7/15/2020
DE WITT	IL0390100	4	ONLY ONE WELL	175	1/27/2021
DIXIE ESTATES SUBDIVISION	IL1975520	2	ONLY ONE WELL	180	12/9/2020
DONNY BROOK ESTATES	IL0375150	1	ONLY ONE WELL	30	1/27/2021
EAST END WATER ASSOCIATION	IL1610140	1	ONLY ONE WELL	40	7/31/2020
EAST LAWN WATER ASSOCIATION	IL1615100	1	ONLY ONE WELL	160	8/5/2020
EAST LYNN COMMUNITY WATER SYSTEM	IL1835200	4	ONLY ONE WELL	112	12/11/2020
EAST SIDE MHP	IL0195825	4	ONLY ONE WELL	95	1/27/2021



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
EBERTS 3RD ADDITION	IL1615330	1	ONLY ONE WELL	99	8/12/2020
EDELSTEIN WATER COOPERATIVE	IL1435150	5	ONLY ONE WELL	125	7/24/2020
EJ WATER - WITT	IL1350850	5	INADEQUATE TREATMENT CAPACITY	991	3/17/2008
ELM OAK MUTUAL WATER SYSTEM	IL0975736	2	ONLY ONE WELL	50	8/28/2020
EVERGREEN VILLAGE SUBDIVISION	IL1615310	1	ONLY ONE WELL	130	8/12/2020
FOUNTAIN WATER DISTRICT	IL1330020	6	INADEQUATE SOURCE CAPACITY & INADEQUATE TREATMENT CAPACITY	3650	5/21/2024
FOUR STAR CAMPGROUND	IL0990060	1	ONLY ONE WELL	150	8/26/2020
FOX CREEK FARMS WATER COMPANY	IL1435750	5	ONLY ONE WELL	221	7/29/2020
FOX LAWN HOMEOWNERS WATER ASSOCIATION	IL0935150	2	ONLY ONE WELL	167	1/13/2021
FRENTRESS LAKE	IL0850010	1	ONLY ONE WELL	150	1/8/2021
GARDEN STREET IMPROVEMENT ASSOCIATION	IL1975376	2	ONLY ONE WELL	54	12/9/2020
GENESEO HICKORY HILLS HOA	IL0730080	1	ONLY ONE WELL	93	8/12/2020
GREEN ACRES MHP	IL1035165	1	ONLY ONE WELL	200	8/26/2020
HARMON	IL1030300	1	ONLY ONE WELL	149	8/26/2020
HAZELWOOD 4TH ADDITION	IL0735350	1	ONLY ONE WELL	135	1/6/2021
HAZELWOOD WEST SUBDIVISION	IL0735250	1	ONLY ONE WELL	70	1/6/2021
HEATHERFIELD SUBDIVISION	IL0635150	2	ONLY ONE WELL	90	1/29/2021
HICKORY HILLS 2ND ADDITION	IL1615450	1	ONLY ONE WELL	42	7/28/2023
HIGHLAND LAKE WATER COMPANY	IL0970255	2	ONLY ONE WELL	36	8/26/2020
HIGHLAND SUBDIVISION	IL0895530	2	ONLY ONE WELL	40	1/8/2021
HILLCREST	IL1410250	1	INADEQUATE STORAGE CAPACITY	1400	11/2/2017
HILLCREST COURT 2ND ADDITION	IL1615490	1	ONLY ONE WELL	66	2/13/2024
HILLSDALE ESTATES, LLC	IL1615530	1	ONLY ONE WELL	63	8/14/2020
HILLSDALE PROPERTIES	IL1615728	1	ONLY ONE WELL	60	6/24/2020
HOLLANDS GROVE COURT SUBDIVISION	IL1795300	5	ONLY ONE WELL	40	12/2/2020
HOLLY HOCK HILL MHP	IL0975245	2	ONLY ONE WELL	52	8/28/2020
HOPEWELL	IL1235150	1	ONLY ONE WELL	420	7/1/2020
IL AMERICAN - LEONORE	IL0990400	1	ONLY ONE WELL	111	8/26/2020
IL AMERICAN - MIDWEST PALOS	IL0317050	2	ONLY ONE WELL	132	1/27/2021
IL AMERICAN - NETTLE CREEK	IL0630040	2	ONLY ONE WELL	317	1/29/2021
IL AMERICAN - RIDGECREST	IL0635100	2	ONLY ONE WELL	203	1/29/2021
IL PRAIRIE ESTATE SBDV WATER ASSN	IL0995300	1	ONLY ONE WELL	112	8/26/2020
INDIAN BLUFFS SUBDIVISION	IL1615520	1	ONLY ONE WELL	150	8/14/2020
INDIAN CREEK HOMEOWNERS AND WATER ASSN	IL1135250	4	ONLY ONE WELL	240	6/17/2020
IROQUOIS MOBILE ESTATES, INC.	IL0755185	4	ONLY ONE WELL	105	1/8/2021
JOHNSBURG 1	IL1110040	2	ONLY ONE WELL	174	8/28/2020
KENNEY	IL0390200	4	ONLY ONE WELL	374	1/29/2021
KNOLLS EDGE SUBDIVISION	IL1415250	1	ONLY ONE WELL	100	7/17/2020
LAFAYETTE	IL1750100	1	ONLY ONE WELL	250	12/2/2020
LAKE LYNWOOD WATER SYSTEM	IL0735330	1	ONLY ONE WELL	75	1/6/2021
LAKE WILDWIND LLC	IL2035125	1	ONLY ONE WELL	200	12/4/2020
LAND AND WATER ASSOCIATION	IL0995050	1	ONLY ONE WELL	100	8/26/2020





SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
LASALLE	IL0990300	1	INADEQUATE SOURCE CAPACITY & INADEQUATE TREATMENT CAPACITY	9700	11/1/2004
LINDENWOOD WATER ASSOCIATION	IL1415300	1	ONLY ONE WELL	35	7/22/2020
LISBON NORTH, INC.	IL0631000	2	ONLY ONE WELL	25	1/29/2021
LYNN WATER ASSOCIATION	IL0735100	1	ONLY ONE WELL	100	1/8/2021
LYNNWOOD WATER CORPORATION	IL0995336	1	ONLY ONE WELL	100	8/26/2020
LYNWOOD 3RD ADDITION	IL0735280	1	ONLY ONE WELL	100	1/6/2021
M C L W SYSTEM, INC.	IL1315150	1	ONLY ONE WELL	98	7/10/2020
MACOMB	IL1090350	5	INADEQUATE CLARIFIER CAPACITY	15052	12/14/2016
MAEYSTOWN	IL1330200	6	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	325	5/21/2024
MAQUON	IL0950350	5	ONLY ONE WELL	284	1/13/2021
MARSEILLES SOUTH	IL0990110	1	ONLY ONE WELL	100	8/26/2020
MASON CITY	IL1250350	5	INADEQUATE STORAGE CAPACITY	2558	1/1/2006
MAYFAIR SUBDIVISION	IL1795750	5	ONLY ONE WELL	90	12/11/2020
MAZON	IL0630500	2	NEAR A MANGANESE MCL VIOLATION	987	7/8/2022
MILL POINT MHP	IL2035165	1	ONLY ONE WELL	160	12/4/2020
MOUND CITY	IL1530100	7	ONLY ONE WELL	588	6/5/2020
MOUNT MORRIS ESTATES MHP	IL1415185	1	ONLY ONE WELL	395	7/15/2020
MOUNT VERNON ASSOCIATION INC.	IL0855100	1	ONLY ONE WELL	491	1/8/2021
NORTH HAZELWOOD SUBDIVISION	IL0735850	1	ONLY ONE WELL	100	1/8/2021
NORTH HENDERSON	IL1310300	1	ONLY ONE WELL	187	7/2/2020
OAK GROVE MHP - ROCK ISLAND COUNTY	IL1617785	1	ONLY ONE WELL	100	12/2/2020
OAK VIEW ESTATES	IL0730120	1	ONLY ONE WELL	95	1/29/2021
OAKWOOD WEST SUBDIVISION	IL0730070	1	ONLY ONE WELL	57	1/29/2021
OPHIEM PWS	IL0735150	1	ONLY ONE WELL	100	1/8/2021
OTTAWA ESTATES MHP	IL0995225	1	ONLY ONE WELL	70	8/26/2020
PARADISE MANOR MHP	IL1617665	1	ONLY ONE WELL	200	11/20/2020
PARK MEADOWLAND WEST MHP	IL0075235	1	ONLY ONE WELL	100	1/27/2021
PAULS MHP	IL0975485	2	ONLY ONE WELL	38	8/28/2020
PHIL-AIRE ESTATES MHP	IL2015625	1	ONLY ONE WELL	80	12/4/2020
POLO DR AND SADDLE RD SUBDIVISION	IL0437000	1	ONLY ONE WELL	93	1/29/2021
PORT BARRINGTON SHORES SUBDIVISION	IL0971120	2	ONLY ONE WELL	67	8/26/2020
POWERS WATER CO., INC	IL0895550	2	ONLY ONE WELL	214	1/8/2021
PRAIRIE OAKS ESTATES HOMEOWNERS' ASSOCIATION	IL0630060	2	ONLY ONE WELL	107	1/29/2021
PRAIRIE PATH WATER - CAMELOT	IL1975200	2	ONLY ONE WELL	575	12/9/2020
PRAIRIE PATH WATER - CHERRY HILL WATER COMPANY	IL1975280	2	ONLY ONE WELL	624	12/9/2020
PRAIRIE PATH WATER - ROCKVALE*	IL1415350	1	ONLY ONE WELL PER DISTRIBUTION SYSTEM	298	10/10/2024
RAINBOW LANE MHP	IL2015645	1	ONLY ONE WELL	83	12/4/2020
RAINBOW RIDGE	IL1615580	1	ONLY ONE WELL	46	8/14/2020
REDDICK	IL0914780	2	ONLY ONE WELL	196	1/8/2021
RIDGEWOOD LEDGES WATER ASSOCIATION	IL1615670	1	ONLY ONE WELL	300	6/24/2020



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
ROLLING GREEN ESTATES MHP	IL1415245	1	ONLY ONE WELL	191	7/17/2020
ROLLING MEADOWS MHC	IL1415265	1	ONLY ONE WELL	447	3/19/2024
RUSTIC ACRES WATER ASSOCIATION	IL0735500	1	ONLY ONE WELL	260	1/6/2021
SANTA FE ESTATES WATER ASSOCIATION	IL1435490	5	ONLY ONE WELL	84	7/29/2020
SEATON	IL1310350	1	ONLY ONE WELL	200	7/2/2020
SENECA MOBILE HOMES LLC	IL0995425	1	ONLY ONE WELL	10	8/26/2020
SHERIDAN CORRECTIONAL CENTER	IL0995840	1	INADEQATE TREATMENT CAPACITY	1800	1/27/2023
SIX OAKS MHP	IL2015685	1	ONLY ONE WELL	48	12/4/2020
SPIN LAKE HOMEOWNERS' ASSOCIATION	IL1135140	4	ONLY ONE WELL	200	6/16/2020
STELLE COMMUNITY ASSOCIATION	IL0535100	4	ONLY ONE WELL	100	1/29/2021
STORYBOOK HIGHLANDS	IL0935250	2	ONLY ONE WELL	100	1/13/2021
STRATFORD WEST APARTMENTS	IL1095200	5	ONLY ONE WELL	44	8/26/2020
STRAWN	IL1050700	4	ONLY ONE WELL	133	8/26/2020
SUBURBAN APARTMENTS (DE KALB UNIV DVL)**	IL0375148	1	INADEQUATE PRESSURE TANK	1050	12/16/1992
SUBURBAN HEIGHTS SUBDIVISION	IL1615800	1	ONLY ONE WELL	60	11/20/2020
TENNANTS SHADY OAKS SUBDIVISION	IL1615540	1	ONLY ONE WELL	44	8/14/2020
TIMBER BROOK ESTATES	IL0735450	1	ONLY ONE WELL	120	1/6/2021
TIMBER RIDGE SUBDIVISION	IL0735470	1	ONLY ONE WELL	90	1/6/2021
TISKILWA	IL0111050	1	INADEQUATE STORAGE CAPACITY	740	9/20/2017
TOWER RIDGE SUBDIVISION	IL1615780	1	ONLY ONE WELL	70	11/20/2020
VALLEY VIEW MANOR	IL0195865	4	ONLY ONE WELL	120	1/27/2021
VALMEYER	IL1330250	6	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	1263	5/21/2024
VAN ORIN WATER COMPANY	IL0115000	1	ONLY ONE WELL	100	1/27/2021
VICTORIA	IL0950550	5	ONLY ONE WELL	316	1/13/2021
WATER WERKS	IL1615130	1	ONLY ONE WELL	43	8/5/2020
WATERMAN	IL0370600	1	ONLY ONE WELL	1506	1/27/2021
WHITE HALL	IL0610400	6	INADEQUATE STORAGE CAPACITY	2900	10/1/2012
WINDCREST SUBDIVISION	IL0730040	1	ONLY ONE WELL	40	1/29/2021
WINDING CREEK ESTATES	IL1615850	1	ONLY ONE WELL	144	11/20/2020
WINSLOW	IL1770550	1	ONLY ONE WELL	350	12/2/2020
YATES CITY	IL0950700	5	ONLY ONE WELL	828	1/13/2021
YOUNGS HILLCREST MHP	IL0190040	4	ONLY ONE WELL	34	1/27/2021



**WATER SYSTEMS REMOVED FROM PREVIOUS LIST**

ANNA  
AQUA ILLINOIS - NUNDA  
ARCADIA CARE  
BARDOLPH  
BECKWITH COMMUNITY ASSOCIATION  
BEECHER CITY  
BISHOP HILL  
BROWNSTOWN  
CHENOA  
COMPTON  
COYNE CENTER COOP  
DANVERS  
DONOVAN  
ESQUIRE ESTATES MHP  
GERMANTOWN  
HARVEST ESTATES  
LAKE SHANNON  
MARK  
MC NABB  
MEADOWS MENNONITE HOME  
MOUND PWD  
NEPONSET  
NEW HOPE WATERWORKS CORP.  
QUINCY  
TABLE GROVE  
VILLAGE GREEN MHP  
WINDSOR

**\*WATER SYSTEMS ADDED**

ALEXIS  
ASSUMPTION  
MILLSTONE PWD  
MONMOUTH  
PRAIRIE PATH WATER - ROCKVALE  
SPRING VALLEY  
STEELEVILLE

**\*\*WATER SYSTEM UPDATES**

COUNTRY VIEW ESTATES SUBDIVISION (removed from  
restricted status only)  
SUBURBAN APARTMENTS (DE KALB UNIV DVL)  
SUNNYLAND SUBDIVISION



## Restricted Status/Critical Review

The Environmental Protection Act prohibits the Agency from issuing a construction permit that will cause or extend a violation. A construction permit to expand the distribution system cannot be granted when a water supply has a maximum contaminant level or treatment technique violation, an inadequate source of raw water supply, inadequate treatment plant capacity, finished water storage or distribution system pressure. A Restricted Status List is published quarterly in the Illinois Pollution Control Board Environmental Register to notify those persons considering expansion of a water supply distribution system of that status before large sums of money have been spent on items such as land acquisition, financing, and engineering fees. A companion Critical Review List is published concurrently with the Restricted Status List and has the water supplies that are approaching a point where the supply could be placed on Restricted Status. A permit application from a supply on Critical Review will be examined carefully to ensure that the proposed construction will not cause a violation. An asterisk, \*, beside the water supply indicates public water supplies that have been added to the Restricted Status/Critical Review list since the previous publication.

### Restricted Status List

The Restricted Status List was developed to give additional notification to officials of public water supplies which are in violation of 35 Ill. Adm. Code, Subtitle F: Public Water Supplies, Chapter I or the Illinois Environmental Protection Act.

The Restricted Status List will include all Public Water Supplies for which the Agency has information indicating a violation of any of the following requirements: Finished water quality requirements of 35 Ill. Adm. Code, Part 611; maintenance of adequate pressure on all parts of the distribution system under all conditions of demand; meeting raw water quantity requirements; or maintenance of treatment facilities capable of providing water "assuredly adequate in quantity" as required by Section 18 of the Illinois Environmental Protection Act.

A public water supply on the Restricted Status List will not be issued permits for water main extensions, except for certain limited situations, or unless the supply has been granted a variance from the Illinois Pollution Control Board for the violation, or from permit issuance requirements of Section 39 of the Act.

This list is continually being revised as new information becomes available, and therefore, specific inquiries as to the status of any public water supply should be directed to the Division of Public Water Supplies for final determination.

### Critical Review List

The Critical Review List was developed to give additional notification to officials of public water supplies which may be close to being in violation of 35 Ill. Adm. Code, Subtitle F: Public Water Supplies, Chapter I or the Illinois Environmental Protection Act.

A supply will be placed on the Critical Review List when Agency records indicate that it is approaching any of the violations that would place it on the Restricted Status List.

This list is continually being revised as new information becomes available, and therefore, specific inquiries as to the status of any public water supply should be directed to the Division of Public Water Supplies for final determination.



# HEALTH ADVISORY

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
Office of Toxicity Assessment



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JAMES JENNINGS, ACTING DIRECTOR

### HEALTH ADVISORY FOR PERFLUOROBUTANOIC ACID (PFBA) CHEMICAL ABSTRACT SERVICES REGISTRY NUMBER (CASRN) 375-22-4

Prepared by:  
Office of Toxicity Assessment  
Illinois Environmental Protection Agency  
September 16, 2024

#### REASON FOR ACTION

As a result of Per- and Polyfluoroalkyl Substances (PFAS) sampling investigations of community water supplies (CWS) within the state, Perfluorobutanoic Acid (PFBA) has been confirmed in a well at a CWS. In accordance with 35 Illinois Administrative Code 620.605(a), the Illinois EPA is issuing a health advisory for PFBA. Section 620.605(a) directs the Illinois EPA to issue a health advisory for a chemical substance if all of the following conditions are met:

- 1) A community water supply well is sampled, and a substance is detected and confirmed by resampling;
- 2) There is no standard under Section 620.410 for such chemical substance; and

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2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200  
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022  
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

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- 3) The chemical substance is toxic or harmful to human health according to the procedures of Appendix A, B, or C.

The health advisory guidance level for PFBA is 0.007 milligrams per liter (mg/L), or 7,000 nanograms per liter (ng/L) or parts per trillion (ppt).

The health advisory will be published in the Environmental Register (publication of the Illinois Pollution Control Board), and placed at the website: <https://pcb.illinois.gov/Resources/News>

The health advisory will also be placed on Illinois EPA's website at: <https://epa.illinois.gov/topics/water-quality/pfas/pfas-healthadvisory.html>

### **PURPOSE OF A HEALTH ADVISORY**

In accordance with 35 Ill. Adm. Code 620.601, the purpose of a health advisory is to provide guidance levels that, in the absence of an applicable groundwater quality standard under Section 620.410, must be considered by Illinois EPA in: 1) establishing groundwater cleanup or action levels whenever there is a release or substantial threat of a release of a hazardous substance, pesticide, or another contaminant that represents a significant hazard to public health or the environment; 2) determining whether a community water supply is taking its raw water from a site or source consistent with regulatory requirements; and 3) developing Illinois Pollution Control Board (Board) rulemaking proposals for new or revised numerical standards.

Health advisories serve as informal technical guidance, intended to provide information about contaminant exposures and potential public health impacts. The guidance levels represent concentrations in drinking water at which no adverse health effects are expected to occur. Guidance levels are not enforceable or intended to be used as drinking water standards, also known as maximum contaminant levels (MCLs).

### **HEALTH ADVISORY GUIDANCE LEVEL FOR PFBA**

Through issuance of this Health Advisory, Illinois EPA is providing public notice of its guidance level for PFBA in drinking water. For non-carcinogenic health effects, the guidance level is 0.007 milligrams per liter (mg/L), or 7,000 nanograms per liter (ng/L) or parts per trillion (ppt).

Section 620.605 prescribes the methods for developing health advisories for carcinogens and non-carcinogens. PFBA does not meet the definition of a "carcinogen", as defined in Section 620.110; therefore, the method for developing a health advisory for non-carcinogens was used. Briefly, this method specifies that the United States Environmental Protection Agency (U.S. EPA) MCL or maximum contaminant level goal (MCLG) is the guidance level, if available, or the human threshold toxicant advisory concentration (HTTAC) must be determined using the procedures contained in Appendix A of Section 620. U.S. EPA has not published an MCL or MCLG for PFBA; therefore, Illinois EPA used the Appendix A procedures to calculate a HTTAC for PFBA.



Appendix A specifies, in prescribed order, the toxicological data to be used in developing guidance levels. To determine appropriate toxicological data in accordance with nationally accepted guidelines, pursuant to the Illinois Groundwater Protection Act (415 ILCS 55-8(a)), Illinois EPA relied upon U.S. EPA guidance titled, “Tier 3 Toxicity Value White Paper” (paper), dated May 16, 2013, prepared by the U.S. EPA Office of Solid Waste and Emergency Response (OSWER) Human Health Regional Risk Assessors Forum. The paper lists a hierarchy of sources to be used when determining an appropriate toxicological value for use in human health assessments. The hierarchy for selection of toxicity values is as follows:

- Tier 1: U.S. EPA Integrated Risk Information System (IRIS).
- Tier 2: U.S. EPA Provisional Peer-Reviewed Toxicity Values (PPRTVs).
- Tier 3: In the order in which they are presented:
- 1) The U.S. Health and Human Services Agency for Toxic Substances and Disease Registry (ATSDR) Dose Minimal Risk Levels (dose MRLs).
  - 2) California EPA, Office of Environmental Health Hazard Assessment (OEHHA).
  - 3) PPRTV “Appendix” Values.
  - 4) Health Effects Assessment Summary Table (HEAST).

The paper also references peer-reviewed toxicity values developed by other federal programs to calculate provisional drinking water health advisory levels as a Tier 3 source. In 2022, U.S. EPA placed Office of Water PFAS toxicity values above California EPA’s OEHHA toxicity values within the Tier 3 hierarchy.

In December 2022, U.S. EPA’s Integrated Risk Information System (IRIS) published a peer-reviewed toxicological assessment titled, “*IRIS Toxicological Review of Perfluorobutanoic Acid (PFBA, CASRN 375-22-4) and Related Salts.*” U.S. EPA’s IRIS toxicological assessment recommends a chronic oral reference dose (RfD) equal to 0.001 (1E-03) mg/kg-day. The value is based on a critical effect of increased liver weight and adverse thyroid effects in adult male rats from a study by Butenhoff et al. titled “*Toxicological evaluation of ammonium perfluorobutyrate in rats: twenty-eight day and ninety-day oral gavage studies,*” published in 2012. A no-observed-adverse-effect level (NOAEL) of 6 mg/kg-day was identified for NH<sub>4</sub><sup>+</sup>PFBA, an ammonium salt of PFBA, and used to find the point of departure (POD) for PFBA by multiplying the NOAEL by the ratio of molecular weights (0.926) for a POD of 5.56 mg/kg-day. A human equivalent dose POD (POD<sub>HED</sub>) of 1.27 mg/kg-day was then derived for oral PFBA exposure.



A total composite uncertainty factor (UF) of 1,000 (UF of 3 to account for toxicodynamic differences between humans and animals, UF of 10 to account for intraspecies variability, UF of 10 to account for extrapolation from subchronic to chronic, and UF of 3 to account for database uncertainties) was applied to the  $POD_{HED}$ .

The overall RfD for PFBA was calculated by dividing the  $POD_{HED}$  by the composite uncertainty factor.

$$RfD = \frac{POD_{HED}}{UF}$$

$$RfD = \frac{1.27 \text{ mg/kg-day}}{1,000}$$

$$RfD = 0.00127 \text{ mg/kg-day}$$

Rounded to one significant digit:

$$RfD = 0.001 \text{ mg/kg-day}$$

Using the RfD of 0.001 (1E-3) mg/kg-day, and the procedures outlined in Section 620. Appendix A, the recommended guidance level for drinking water is 0.007 milligrams per liter (mg/L), or 7,000 nanograms per liter (ng/L) or parts per trillion (ppt).

## **CHEMICAL CHARACTERISTICS** **AND** **POTENTIAL ADVERSE HEALTH EFFECTS**

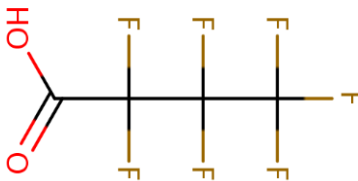
### General Description of PFBA

Perfluorobutanoic Acid (CASRN 375-22-4), also known as heptafluorobutyric acid or PFBA, is a synthetic chemical which is part of a larger class of chemicals referred to as per- and polyfluoroalkyl substances. PFAS have been manufactured since the middle 20<sup>th</sup> Century and are known for their chemical and physical properties that impart oil and water repellency, temperature resistance, and friction reduction to a wide range of products, including, but not limited to, textile coatings, paper products, food wrappers, cosmetic and personal care products, non-stick cookware and fire-fighting foams. PFAS are also used in the semiconductor, aerospace, oil production and mining, and metal plating industries, to name a few. PFAS enter the environment through industrial manufacturing and the use and disposal of PFAS-containing products. The chemical and physical properties of PFBA make it mobile, persistent and bioaccumulative, meaning fish and other animals may accumulate PFBA in animal tissue when their food sources are contaminated with PFBA. PFBA is known to be persistent in the environment.





### Structural Identifier



### Chemical Identifier



#### Potential Adverse Health Effects of PFBA

Epidemiological studies on human health effects from exposure to PFBA are limited in their ability to draw conclusions on the associations between health effects and exposure.

Information regarding health effects of PFBA are primarily derived from animal studies, via the ingestion, or oral exposure, route. Laboratory studies observed the following effects in animals exposed to PFBA:

- Increased relative liver weight
- Increased hepatocyte hypertrophy
- Increased thyroid hormone T4
- Embryo/fetal mortality
- Developmental delays

#### Carcinogenic Potential

Section 620.110. defines a carcinogen as a contaminant that is classified as: 1) a Category A1 or A2 Carcinogen by the American Conference of Governmental Industrial Hygienists (ACGIH); 2) a Category 1 or 2A/2B Carcinogen by the World Health Organization's International Agency for Research on Cancer (IARC); 3) a "Human Carcinogen" or "Anticipated Human Carcinogen" by the United States Department of Health and Human Service National Toxicological Program (NTP); or 4) a Category A or B1/B2 Carcinogen by the U.S. EPA in IRIS or a Final Rule issued in a Federal Register notice by the USEPA. PFBA is not classified as a carcinogen by any of the above sources.



**ATTACHMENT TO HEALTH ADVISORY  
FOR  
PERFLUOROBUTANOIC ACID (PFBA)  
CASRN 375-22-4**

**OVERVIEW OF KEY STUDIES**

For information regarding the studies used by U.S. EPA's IRIS for the derivation of its PFBA RfD, refer to *IRIS Toxicological Review of Perfluorobutanoic Acid (PFBA, CASRN 375-22-4) and Related Salts*, located at:

[https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=350051](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=350051).

**DERIVATION OF THE HEALTH ADVISORY GUIDANCE LEVEL FOR PFBA**

The first step in the derivation of a health advisory guidance level is to determine whether the chemical substance presents a carcinogenic risk to humans. PFBA does not meet the definition of a carcinogen as specified in Part 620. Therefore, the guidance level will be based on noncarcinogenic effects of this chemical.

In deriving a guidance level to protect against a health effect for which there is a threshold dose below which no damage occurs (i.e., noncarcinogen effects), Section 620.605 specifies that U.S. EPA's MCLG, if available, is the guidance level. U.S. EPA has not published a MCLG for PFBA; therefore, Illinois EPA must calculate the HTTAC as the guidance level, using the procedures specified in Appendix A of Section 620.

Appendix A specifies in subsection (a) that the HTTAC is calculated as follows:

$$HTTAC = \frac{RSC \cdot ADE}{W}$$

Where:

HTTAC = Human threshold toxicant advisory concentration in milligrams per liter (mg/L).

RSC = Relative source contribution, the relative contribution of the amount of exposure to a chemical via ingestion of drinking water when compared to total exposure to that chemical from all sources. Valid chemical-specific data shall be used if available. If valid chemical-specific data are not available, a value of 20% (= 0.20) must be used.

ADE = Acceptable daily exposure of a chemical in milligrams per day (mg/d) as determined in accordance with Appendix A, subsection (b).

W = Per capita daily water consumption equal to 2 liters per day (L/d).



Subsection (b) of Appendix A specifies that the ADE be calculated using, in specified order: a U.S. EPA verified RfD (an estimate of a daily exposure to a chemical which is expected to be without adverse health effects for humans for a lifetime of exposure in units of mg/kg-day); a NOAEL which has been identified as a result of human exposures; a LOAEL which has been identified as a result of human exposures; a NOAEL which has been determined from studies with laboratory animals; and a LOAEL which has been determined from studies with laboratory animals.

Illinois EPA selected the U.S. EPA IRIS recommended RfD of 0.001 (1E-3) mg/kg-day, as the verified RfD for use in calculating the ADE. The ADE equals the product of multiplying the toxicity value by 70 kilograms (kg), which is the assumed average body weight of an adult human per Section 620:

$$ADE = 0.001 \text{ mg/kg-day} \cdot 70 \text{ kg} = 0.07 \text{ mg/day}$$

The next step in the development of the HTTAC is the evaluation of chemical-specific RSC data available for the chemical. Illinois EPA evaluated data from ATSDR, U.S. EPA Office of Water, and values developed by other states. There is little scientific consensus regarding the contribution of drinking water to the total amount of PFAS exposure to humans. Humans are exposed to PFBA through a variety of media, including, but not limited to air emissions, ingestion of fish or other animals exposed to PFBA, dermal exposure and incidental exposure from PFBA-containing consumer products, much of which varies on a site-specific basis. Due to this lack of consensus, Illinois EPA elected to use the conservative default value of 20% (0.20) for its HTTAC calculation.

The HTTAC is calculated by the product of the RSC and the ADE, divided by the per capita daily water ingestion rate, specified in Appendix A as equal to 2 L/day:

$$HTTAC \text{ (mg/L)} = \frac{0.20 \cdot 0.07 \text{ mg/day}}{2 \text{ L/day}}$$

$$HTTAC \text{ (mg/L)} = \frac{0.014 \text{ mg/day}}{2 \text{ L/day}}$$

$$HTTAC = 0.007 \text{ mg/L}$$

or:

$$7,000 \text{ ng/L or ppt}$$

The final step in ensuring a calculated guidance level is appropriate is to compare the guidance level to the chemical's practical quantitation limit (PQL), or minimum reporting level (MRL). U.S. EPA's Method 537.1 for analyses of PFAS drinking water samples shows the PFBA MRL



is 1.8 ng/L, which is below the calculated guidance level of 7,000 ng/L. Therefore, the guidance level is appropriate.

## REFERENCES

Butenhoff, JL; Bjork, JA; Chang, SC; Ehresman, DJ; Parker, GA; Das, K; Lau, C; Lieder, PH; van Otterdijk, FM; Wallace, KB. (2012). Toxicological evaluation of ammonium perfluorobutyrate in rats: twenty-eight-day and ninety-day oral gavage studies. *Reproductive Toxicology*, vol. 33. 513-530. Available at:

<http://www.sciencedirect.com/science/article/pii/S0890623811003522>

IGA (Illinois General Assembly). Illinois Groundwater Protection Act (IGPA). 415 ILCS 55. Available at: <https://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=1595&ChapterID=36>

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# HEALTH ADVISORY SUMMARY LIST

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
Office of Toxicity Assessment



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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### HEALTH ADVISORY SUMMARY LIST

Prepared by:  
Office of Toxicity Assessment  
Illinois Environmental Protection Agency  
September 16, 2024

In accordance with 35 Illinois Administrative Code 620.610(b), the Illinois Environmental Protection Agency (Illinois EPA) is issuing a Health Advisory summary list. Section 620.610(b) directs the Illinois EPA to publish and make available to the public, at intervals of not more than 6 months, a comprehensive and up-to-date summary list of all Health Advisories.

The following table provides a summary list of all Illinois EPA Health Advisories currently in effect:

CASRN <sup>1</sup>	Chemical	Statewide Health Advisory Guidance Level (ng/L)	Health Advisory Issuance Date
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	140	January 28, 2021
307-24-4	Perfluorohexanoic acid (PFHxA)	3,500 <sup>2</sup>	January 28, 2021
335-67-1	Perluorooctanoic acid (PFOA)	2	January 28, 2021
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2,100 <sup>3</sup>	January 28, 2021
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	14	April 16, 2021
375-95-1	Perfluorononanoic acid (PFNA)	21	July 27, 2021
375-22-4	Perfluorobutanoic acid (PFBA)	7,000	September 16, 2024

<sup>1</sup> CASRN = Chemical Abstract Services Registry Number

<sup>2</sup> On January 28, 2021, Illinois EPA issued a PFHxA Health Advisory Guidance Level of 560,000 ng/L. On April 26, 2023, Illinois EPA updated the Guidance Level to 3,500 ng/L due to the availability of updated toxicity data.



<sup>3</sup> On January 28, 2021, Illinois EPA issued a PFBS Health Advisory Guidance Level of 140,000 ng/L. On April 16, 2021, Illinois EPA updated the Guidance Level to 2,100 ng/L due to the availability of updated toxicity data.

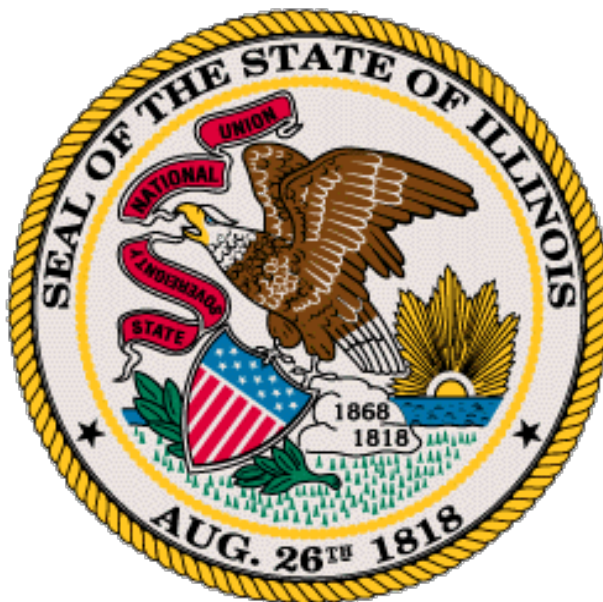
For more information regarding Illinois EPA Health Advisories, please refer to the following link:  
<https://epa.illinois.gov/topics/water-quality/pfas/pfas-healthadvisory.html>

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