



# ENVIRONMENTAL REGISTER

**April 21, 2025 – Number 773**

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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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The Board's busy start to 2025 has continued apace. Today, I highlight Board rulemaking hearings held and rules proposed or adopted since we published our first *Environmental Register* of 2025 on February 3. I also note an appellate court decision issued on February 5, 2025, in an appeal of the Board's decision concerning the proposed siting of a waste transfer station. The links below lead to the respective dockets in the "Clerk's Office On-Line" or "COOL."

**Hearings.** In March and April, the Board held four public hearings in rulemakings covering an array of subjects. First, the Board held a two-day hearing over March 10 and 11 in an air rulemaking captioned Proposed Clean Car and Truck Standards: Proposed 35 Ill. Adm. Code 242, [docket R24-17](#) (first hearing held on December 2 and 3, 2024). The rulemaking, which seeks to add three California motor vehicle emissions regulations to the Board's rules, was jointly proposed by the Sierra Club, Natural Resources Defense Council, Environmental Defense Fund, Respiratory Health Association, Chicago Environmental Justice Network, and Center for Neighborhood Technology. Second, on April 16, the Board held a hearing in a rulemaking proposed by the Illinois Environmental Protection Agency (IEPA) to adopt rules for handling, as a universal waste, specified paint and paint-related waste that are hazardous waste. That rulemaking is captioned Standards for Universal Waste Management (35 Ill. Adm. Code Parts 703, 720, 721, 724, 725, 728, and 733), [docket R25-22](#) (second hearing set for May 20, 2025). Third, the Board held a hearing on April 17 in a rulemaking captioned Standards for the Placement of Limestone Residual Materials: Proposed New 35 Ill. Adm. Code 706, [docket R25-21](#) (second hearing set for June 4, 2025). This rulemaking was proposed by the City of Aurora and a group of related corporations that operate the Conco underground limestone mine. And fourth, also on April 17, the Board held a hearing in an IEPA-proposed rulemaking to update the Board's rules due to the recent move of IEPA's Springfield office. The rulemaking is captioned Clean-Up Amendments to 35 Ill. Adm. Code Parts 101, 310, 502, 620, 704, 721, 733, 739, 742, 807, 811, 840, 848, 1010, and 1501, [docket R25-23](#) (second hearing set for June 5, 2025).

**Rules.** In February, March, and April, the Board proposed or adopted six rulemaking actions. Four involve substantive regulations while the other two are administrative in nature. First, at its March 20 meeting, the Board adopted final amendments to its groundwater quality rules. The amendments include the addition of groundwater quality standards for six PFAS chemicals and updates to the provisions on groundwater management zones. The rulemaking is captioned Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620), [docket R22-18](#). Second, at the same meeting, the Board submitted, for first notice, IEPA's universal waste proposal mentioned above (docket R25-22). The Board did so without commenting on the substantive merits of IEPA's proposal because Public Act 103-887 requires the Board to adopt final rules within 180 days after the March 3 receipt of the proposal. Third, at its April 17 meeting, the Board adopted final amendments to its air pollution rules on nitrogen oxides or "NO<sub>x</sub>" emissions in the Chicago and Metro East "nonattainment" areas—neither area meets the 2015 8-hour ozone National Ambient Air Quality Standard or "NAAQS." The rulemaking is captioned Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions, [docket R25-17](#). Fourth, also at the April 17 meeting, the Board adopted final amendments to its air pollution rules on New Source Review preconstruction permitting, including the addition of the Project



Emissions Accounting or “PEA” Rule. This rulemaking, which was initiated by the Illinois Environmental Regulatory Group, is captioned Amendments to 35 Ill. Adm. Code Part 203: Major Stationary Sources Construction and Modification, 35 Ill. Adm. Code Part 204: Prevention of Significant Deterioration, and Part 232: Toxic Air Contaminants, [docket R22-17](#). Fifth, at its February 20 meeting, the Board enshrined the recent move of its Springfield office by amending the Board’s Title 2 administrative rules to reflect the office’s new address at 2520 West Iles Avenue, which is the former location of the White Oaks Mall’s Sears store and the new location of IEPA’s headquarters. The rulemaking is captioned Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175, [docket R25-20](#). Sixth and finally, on March 20, the Board submitted, for first notice, IEPA’s proposal on its Springfield address change noted above (docket R25-23). Each of these six rulemaking actions is discussed later in this *Environmental Register*.

**Court Decision.** Lastly, on February 5, the Third District Appellate Court affirmed the Board in an appeal brought by a waste transfer station company after the Board vacated the local government’s siting approval for the waste transfer station. The court’s opinion—Lakeshore Recycling Systems, LLC v. Pollution Control Board, Protect West Chicago, People Opposing DuPage Environmental Racism, City of West Chicago, West Chicago City Council, [2025 IL App \(3d\) 240169](#)—is discussed later in this issue.

Sincerely,



Barbara Flynn Currie  
Chair



# APPELLATE UPDATE

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## Third District Appellate Court Affirms Board's Decision on Waste Transfer Station Siting

Lakeshore Recycling Systems, LLC v. Pollution Control Board, Protect West Chicago, People Opposing DuPage Environmental Racism, City of West Chicago, West Chicago City Council  
2025 IL App (3d) 240169  
Board dockets PCB 23-107 & PCB 23-109 (consol.)

Lakeshore Recycling Systems, LLC (LRS) appealed the Board's decision vacating the siting approval granted by the City of West Chicago and West Chicago City Council (collectively, West Chicago) to LRS for its proposed waste transfer station. LRS argued to the Third District Appellate Court that the Board erred in finding that LRS failed to comply with prefiling notice requirements of Section 39.2(b) of the Environmental Protection Act (Act) (415 ILCS 5/39.2(b) (2022)). The Third District issued a unanimous opinion on February 5, 2025, affirming the Board. 2025 IL App (3d) 240169 ¶¶ 1, 13, 14.

Section 39.2(b) of the Act specifies notice requirements that apply to a siting applicant before the applicant files its siting application with the local government:

No later than 14 days before the date on which the county board or governing body of the municipality receives a request for site approval, the applicant shall cause written notice of such request to be served either in person or by registered mail, return receipt requested, on . . . the owners of all property within 250 feet in each direction of the lot line of the subject property, said owners being such persons or entities which appear from the authentic tax records of the County in which such facility is to be located. 415 ILCS 5/39.2(b) (2022).

The dispute over compliance with Section 39.2(b) centered on a neighboring railroad parcel for which LRS sent notice by United Parcel Service (UPS) to Canadian National Railway at an address in Canada. Proof of that delivery was marked as having been received by an individual identified as "Helene" at the "dock."

The Board vacated West Chicago's siting approval for lack of jurisdiction because LRS did not comply with Section 39.2(b) when it served prefiling notice of its siting application on the owner of the railroad parcel. First, the Board found that LRS failed to demonstrate that the online sources it used to identify property ownership were authentic tax records of DuPage County; therefore, LRS did not ascertain who owned the railroad parcel for purposes of Section 39.2(b). Second, the Board found that service on Canadian National Railway by UPS, a third-party commercial carrier, did not satisfy Section 39.2(b) because service by UPS did not qualify as either of the statutorily permitted forms of service, *i.e.*, in person or by registered mail, return receipt requested.

The Third District Appellate Court first agreed with the Board that compliance with the prefiling notice requirements of Section 39.2(b) is a prerequisite to vesting the local siting authority with



jurisdiction to hear the siting application. 2025 IL App (3d) 240169 ¶ 7. The court then chose not to address the issue of whether LRS used authentic tax records to identify Canadian National Railway as being entitled to prefiling notice. *Id.* ¶ 8. The court “need not decide that issue” because even if Canadian National Railway “was the proper party to be served with notice according to the authentic tax records, . . . service was not effectuated through the manner set forth in section 39.2(b).” *Id.*

The Third District declined LRS’ invitation to consider service by a third-party commercial carrier as permissible by “liberally” construing Section 39.2(b)’s service requirement. 2025 IL App (3d) 240169 ¶ 9. The court emphasized that the statutory text is unambiguous in allowing only two forms of service, adding that even “actual notice” cannot overcome the failure to provide either of the required forms of service. *Id.*

The Third District held that, contrary to LRS’ argument, “service by a third-party commercial carrier is not the same as personal service.” 2025 IL App (3d) 240169 ¶ 10. Acknowledging that “service in person is not defined in the Act,” the appellate court looked for guidance in forms of personal service allowed under the Code of Civil Procedure (735 ILCS 5 (2022)), none of which LRS followed in serving Canadian National Railway (*e.g.*, leaving a copy of process with the corporation’s registered agent in Illinois; affidavit of the server stating the time, manner, and place of service outside Illinois). *Id.* The court concluded:

In sum, section 39.2(b) of the Act sets forth two manners in which the required notice may be served, and third-party commercial carrier is not one of them. Therefore, service of the notice on Canadian National Railway was not in conformance with section 39.2(b). As the requirement is jurisdictional, [West Chicago] did not have jurisdiction to consider [LRS’] application, and the Board properly vacated [West Chicago’s] decision regarding the application. *Id.* ¶ 11.

Here is a link the Third District Appellate Court’s [opinion](#). LRS did not seek rehearing in the appellate court or leave to appeal to the Illinois Supreme Court.



# RULEMAKING UPDATE

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## **Board Amends Title 2 Administrative Rules to Reflect New Springfield Office Address**

On February 20, 2025, the Board amended its administrative rules at 2 Ill. Adm. Code 2175 to update the address of its Springfield office. The Board moved from 1021 North Grand Avenue East to 2520 West Iles Avenue. The Board adopted the amendment under Section 5-15 of the Illinois Administrative Procedure Act (5 ILCS 100/5-15 (2022)). The rulemaking is captioned Amendments to the Board's Administrative Rules 2 Ill. Adm. Code 2175, docket R25-20. Here is a link to the Board's [opinion and order](#). For more information, please contact Tim Fox at 312-814-6085 or [tim.fox@illinois.gov](mailto:tim.fox@illinois.gov).

## **Board Proposes Second-Notice Amendments to Non-Attainment New Source Review Rules and Other Air Pollution Rules**

On March 6, 2025, the Board issued an opinion and order proposing second-notice amendments to its air pollution rules on permitting for the construction and modification of major stationary sources in non-attainment areas. The amendments will update the Board's Non-Attainment New Source Review (NA NSR) permitting rules consistent with the federal Clean Air Act and the United States Environmental Protection Agency's underlying NA NSR permitting program. As proposed, the Project Emissions Accounting or "PEA" Rule will be incorporated into the Board's permitting rules on NA NSR and Prevention of Significant Deterioration or "PSD."

The Illinois Environmental Regulatory Group filed the rulemaking proposal that initiated this proceeding. The Board has since held two public hearings and received 28 public comments. As discussed in its second-notice opinion, the Board considered all the testimony, evidence, and comments received in arriving at its proposed amendments. Ultimately, the Board proposed amendments to Parts 201, 202, 203, 204, and 232 of its air pollution rules (35 Ill. Adm. Code 201, 202, 203, 204, 232). After issuing its second-notice opinion and order, the Board submitted the proposed amendments to the Joint Committee on Administrative Rules (JCAR) for its review. The proposed amendments are on the agenda for JCAR's April 8, 2025 meeting.

The rulemaking is captioned Amendments to 35 Ill. Adm. Code Part 203: Major Stationary Sources Construction and Modification, 35 Ill. Adm. Code Part 204: Prevention of Significant Deterioration, and Part 232: Toxic Air Contaminants, docket R22-17. Here is the link to the Board's [second-notice opinion and order](#), which includes the text of the proposed amendments. For more information, please contact Daniel Pauley at 312-814-6931 or [daniel.pauley@illinois.gov](mailto:daniel.pauley@illinois.gov).

## **Board Adopts Final Amendments to Groundwater Quality Standards, Including for PFAS**

On March 20, 2025, the Board issued an opinion and order adopting final amendments to its groundwater quality rules at 35 Ill. Adm. Code 620. Before final adoption, the Board held three public hearings, admitted 33 hearing exhibits, received 81 public comments, and issued opinions and orders at first notice, proposed second notice, and second notice.



The amendments, which took effect on March 28, 2025, 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 added Part 620 standards are: PFOA; PFOS; PFNA; PFBS; PFHxS; and HFPO-DA (also known as “GenX”). The other new constituents that received Part 620 standards are molybdenum, lithium, aluminum, and 1-methylnaphthalene.

Along with these new groundwater quality standards, the Board revised the existing Class I and Class II standards of 34 chemical constituents. The Board’s amendments also include extensive clarifications to the Board’s 33-year-old groundwater management zone or “GMZ” rules, as well as the addition of provisions addressing the interplay between Part 620 and the rules at 35 Ill. Adm. Code 845 on coal combustion residual or “CCR” surface impoundments.

As adopted, Part 620 includes numerous non-substantive changes suggested by the Joint Committee on Administrative Rules (JCAR) and agreed to by the Board. At its March 4, 2025 meeting, JCAR issued a certification of no objection to the amendments.

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

### **Board Goes to First Notice with IEPA’s Address Change Amendments**

On March 10, 2025, the Illinois Environmental Protection Agency (IEPA) filed a proposal to amend numerous Parts of the Board’s rules. The proposed amendments update the address of IEPA’s Springfield office, which recently moved to a new location.

On March 20, 2025, the Board issued an opinion and order accepting IEPA’s proposal for hearing. At the same time, the Board sent IEPA’s proposed amendments to first-notice publication in the *Illinois Register* without commenting on their substantive merits. The Board also directed its hearing officer to proceed expeditiously to hearing.

In turn, the Board’s hearing officer scheduled two public hearings. The hearings will be held by videoconference between Chicago and Springfield, the first on Thursday, April 17, 2025, and the second on Thursday, June 5, 2025. For more specific information about the hearings, including deadlines for pre-filing testimony, here is a link to the hearing officer’s March 20, 2025 [notice and order](#).

The rulemaking is captioned Clean-Up Amendments to 35 Ill. Adm. Code Parts 101, 310, 502, 620, 704, 721, 733, 739, 742, 807, 811, 840, 848, 1010, and 1501, docket R25-23. Here is a link





to the Board [first-notice opinion and order](#), which includes the text of the proposed amendments. For more information, please contact Tim Fox at 312-814-6085 or [tim.fox@illinois.gov](mailto:tim.fox@illinois.gov).

## **Board Proceeds to Second Notice with Proposed NO<sub>x</sub> Emission Amendments**

On March 20, 2025, the Board issued an opinion and order proposing second-notice amendments to update its Part 217 air pollution rules (35 Ill. Adm. Code 217). The Board then submitted these amendments to the Joint Committee on Administrative Rules (JCAR) for its review. The amendments appear on JCAR's April 8, 2025 meeting agenda.

This rulemaking was initiated when the Illinois Environmental Protection Agency (IEPA) filed its proposal to amend Part 217, at which time the Board granted IEPA's motion for expedited review. The Board did so to avoid mandatory Clean Air Act sanctions against the State of Illinois by giving IEPA enough time to submit the final Part 217 amendments to the United States Environmental Protection Agency (USEPA) in a complete State Implementation Plan or "SIP." The Board therefore proceeded to first notice without commenting on the substantive merits of IEPA's proposal. Before proceeding to second notice, the Board held two public hearings and received ten public comments on IEPA's proposal.

The proposed amendments concern major stationary sources of nitrogen oxides (NO<sub>x</sub>) emissions in areas designated as nonattainment for the 2015 eight-hour ozone National Ambient Air Quality Standard (NAAQS). In October 2022, USEPA found that the Chicago and Metro East nonattainment areas—previously classified as Marginal nonattainment—did not attain the 2015 ozone NAAQS by the attainment date and reclassified the areas as Moderate nonattainment. Once these nonattainment areas were reclassified as Moderate nonattainment, Illinois was required to implement reasonably available control technology (RACT) standards for NO<sub>x</sub> emissions. In December 2024, USEPA found that these areas again did not attain the standard and reclassified them as Serious nonattainment.

To account for reclassification to Serious nonattainment, the Board's second-notice amendments first lower the applicability threshold for a major source from 100 tons per year (tpy) of NO<sub>x</sub> to 50 tpy. The amendments then impose the required NO<sub>x</sub> RACT standards, such as lower emission limits and applicability thresholds for specified emission units at major sources. These standards incorporate changes to optional emissions averaging plans or "EAPs", including switching from ozone seasons to 30-day averaging periods and requiring an additional 10% reduction for allowable emissions. Finally, the amendments include other compliance flexibilities, such as compliance date extensions and alternative calculations.

The rulemaking is captioned Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions, docket R25-17. Here is a link to the Board's [second-notice opinion and order](#), which contains the text of the proposed amendments. For more information, please contact Anupama Paruchuri at 217-786-0280 or [anupama.paruchuri2@illinois.gov](mailto:anupama.paruchuri2@illinois.gov).





## For First Notice, Board Proposes Universal Waste Rules for Hazardous Waste Paints

On March 20, 2025, the Board proposed first-notice rules concerning “paint and paint-related waste” (PPRW) that are hazardous waste. The rules would regulate hazardous waste PPRW as a universal waste. This rulemaking was initiated by the Illinois Environmental Protection Agency (IEPA) to comply with Public Act 103-887, which took effect on January 1, 2025.

Public Act 103-887 designated hazardous waste PPRW as a category of universal waste subject to the Board’s streamlined hazardous waste rules of 35 Ill. Adm. Code 733. Public Act 103-887 also required that IEPA, within 60 days after the legislation’s effective date, propose rules to the Board prescribing procedures and standards for managing hazardous waste PPRW as a universal waste. In addition, Public Act 103-887 requires that the Board adopt the rules within 180 days after receiving IEPA’s proposal.

Given this statutory deadline for final adoption, the Board proceeded to first notice with IEPA’s proposal, without commenting on its merits. In all, the Board proposed amendments to seven Parts of its rules: Parts 703, 720, 721, 724, 725, 728, and 733 (35 Ill. Adm. Code 703, 720, 721, 724, 725, 728, 733). Publication of the first-notice proposal in the *Illinois Register* will start a period of at least 45 days during which anyone may file with the Board a public comment on the proposed amendments.

The Board has scheduled two public hearings in this rulemaking, both to be held by videoconference between Springfield and Chicago. The first hearing will take place on April 16, 2025, and the second hearing will take place on May 20, 2025. For more specific hearing information, including deadlines for prefiling testimony, here is a link to the hearing officer’s March 20, 2025 [notice and order](#).

The rulemaking is captioned Standards for Universal Waste Management (35 Ill. Adm. Code Parts 703, 720, 721, 724, 725, 728, and 733), docket R25-22. Here are links to (1) the Board’s first-notice [opinion and order](#); and (2) the Board’s first-notice [addendum](#), which includes the text of the proposed amendments. For more information, please contact Chloe Salk at 312-814-3932 or [chloe.salk@illinois.gov](mailto:chloe.salk@illinois.gov).

## Board Adopts Final NO<sub>x</sub> Emission Amendments

On April 17, 2025, the Board issued an opinion and order adopting final amendments to update its Part 217 air pollution rules (35 Ill. Adm. Code 217). This rulemaking was initiated when the Illinois Environmental Protection Agency (IEPA) filed its proposal to amend Part 217, at which time the Board granted IEPA’s motion for expedited review. The Board did so to avoid mandatory Clean Air Act sanctions against the State of Illinois by giving IEPA enough time to submit the final Part 217 amendments to the United States Environmental Protection Agency (USEPA) in a complete State Implementation Plan or “SIP.” The Board therefore proceeded to first notice without commenting on the substantive merits of IEPA’s proposal.



In this rulemaking, the Board held two public hearings and received 11 public comments. At its April 8, 2025 meeting, the Joint Committee on Administrative Rules issued a certification of no objection to the amendments.

The amendments concern major stationary sources of nitrogen oxides (NO<sub>x</sub>) emissions in areas designated as nonattainment for the 2015 eight-hour ozone National Ambient Air Quality Standard (NAAQS). In October 2022, USEPA found that the Chicago and Metro East nonattainment areas—previously classified as Marginal nonattainment—did not attain the 2015 ozone NAAQS by the attainment date and reclassified the areas as Moderate nonattainment. Once these nonattainment areas were reclassified as Moderate nonattainment, Illinois was required to implement reasonably available control technology (RACT) standards for NO<sub>x</sub> emissions. In December 2024, USEPA found that these areas again did not attain the standard and reclassified them as Serious nonattainment.

To account for reclassification to Serious nonattainment, the Board’s amendments first lower the applicability threshold for a major source from 100 tons per year (tpy) of NO<sub>x</sub> to 50 tpy. The amendments then impose the required NO<sub>x</sub> RACT standards, such as lower emission limits and applicability thresholds for specified emission units at major sources. These standards incorporate changes to optional emissions averaging plans or “EAPs”, including switching from ozone seasons to 30-day averaging periods and requiring an additional 10% reduction for allowable emissions. Finally, the amendments include other compliance flexibilities, such as compliance date extensions and alternative calculations.

The rulemaking is captioned Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions, docket R25-17. Here is a link to the Board’s [final opinion and order](#), which contains the text of the adopted amendments. For more information, please contact Anupama Paruchuri at 217-786-0280 or [anupama.paruchuri2@illinois.gov](mailto:anupama.paruchuri2@illinois.gov).

### **Board Adopts Final Amendments to Non-Attainment New Source Review Rules and Other Air Pollution Rules**

On April 17, 2025, the Board issued an opinion and order adopting final amendments to its air pollution rules on permitting for the construction and modification of major stationary sources in non-attainment areas. The amendments update the Board’s Non-Attainment New Source Review (NA NSR) permitting rules consistent with the federal Clean Air Act and the United States Environmental Protection Agency’s underlying NA NSR permitting program. As adopted, the Project Emissions Accounting or “PEA” Rule is incorporated into the Board’s permitting rules on NA NSR and Prevention of Significant Deterioration or “PSD.”

The Illinois Environmental Regulatory Group filed the rulemaking proposal that initiated this proceeding. The Board held two public hearings and received 29 public comments. At its April 8, 2025 meeting, the Joint Committee on Administrative Rules issued a certification of no objection to the amendments. In all, the Board adopted amendments to Parts 201, 202, 203, 204, and 232 of its air pollution rules (35 Ill. Adm. Code 201, 202, 203, 204, 232).



The rulemaking is captioned Amendments to 35 Ill. Adm. Code Part 203: Major Stationary Sources Construction and Modification, 35 Ill. Adm. Code Part 204: Prevention of Significant Deterioration, and Part 232: Toxic Air Contaminants, docket R22-17. Here is the link to the Board's [final opinion and order](#), which includes the text of the adopted amendments. For more information, please contact Daniel Pauley at 312-814-6931 or [daniel.pauley@illinois.gov](mailto:daniel.pauley@illinois.gov).



# BOARD ACTIONS

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**February 6, 2025 Regular Meeting**  
**By videoconference in Chicago and Springfield**

## **ADJUDICATORY CASES**

- PCB 24-52** People of the State of Illinois v. Clean Cut Lawn Care, LLC (Land, Air – Enforcement) – In this enforcement action concerning Clean Cut’s lawn care and landscaping business and its clean construction or demolition debris recycling facility, both in Kankakee County, 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 Clean Cut to pay a \$15,000 civil penalty and to cease and desist from further violations.
- PPCB 25-1** ABP Properties, LLC v. Illinois Environmental Protection Agency (UST Appeal) – In an interim opinion and order, the Board granted ABP Properties’ motion for summary judgment concerning the company’s leaking underground storage tank (UST) site in Ford County. The Board therefore reversed IEPA’s May 21, 2024 determination rejecting ABP Properties’ corrective action plan budget amendment and ordered IEPA to approve the amended budget. The Board also directed ABP Properties to file a statement of its legal fees that may be eligible for reimbursement and its arguments why the Board should exercise its discretion to order reimbursement of legal fees from the UST Fund.
- PCB 25-41** Porcine Farms, LLC – Galesburg v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Porcine Farms’ livestock waste management structure in Knox County is a pollution control facility for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).
- PCB 25-42** GBL Properties, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Vermilion County gas station.
- PCB 25-43** Michael T. Laurenzana v. Central Commodities FS (Water, Land, Air – Enforcement, Citizen) – The Board declined to accept Mr. Laurenzana’s complaint for hearing due to its deficiencies identified in the Board’s order. The Board also gave Mr. Laurenzana until March 10, 2025, to file and serve an amended complaint that cures the deficiencies or face dismissal.



[PCB 25-44](#) BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted BFI’s petition to review IEPA’s permitting determination concerning BFI’s Davis Junction Landfill in Ogle County.

**February 20, 2025 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**RULEMAKINGS**

[R25-20](#) Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175 (Administrative) – The Board adopted an order amending its Title 2 administrative rules to update the address of the Board’s Springfield office.

[R25-21](#) Proposed Placement of Limestone Residual Materials Standards: Proposed Section 35 Ill. Admin. Code 706 (Land) – On February 4, 2025, the City of Aurora and Holcim proposed that the Board adopt standards for placing limestone residual materials. As proposed, the standards would be housed in a new Part 706 of the Board’s waste disposal rules. The Board found that the rulemaking proposal meets the requirements of the Environmental Protection Act and Board’s procedural rules. The Board therefore accepted the proposal for hearing. The proposal also included motions to waive specified procedural requirements, which the Board granted.

**ADJUDICATORY CASES**

[PCB 23-133](#) Anna Andrushko v. Thomas Egan (Noise – Enforcement, Citizen) – In its interim opinion and order, the Board denied Egan’s motion for summary judgment and directed the hearing officer to proceed to hearing.

[PCB 25-24](#) City of Springfield, Illinois v. Illinois Environmental Protection Agency (Public Water Supply – Permit Appeal) – Because the City of Springfield failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.



**PCB 25-36**

Sunrise FS-Havana v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board granted IEPA’s motion to modify the Board’s January 9, 2025 order as IEPA’s prior recommendation had inadvertently omitted Sunrise FS’ bulk dry fertilizer storage building. Based on IEPA’s motion, its revised recommendation, Sunrise FS’ application, and the Board’s technical review, the Board found and certified that Sunrise FS’ specified facilities in Mason County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

**PCB 25-45**

People of the State of Illinois v. Menasha Packaging Company, LLC (Air – Enforcement) – Upon receiving a complaint, a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning a folding paper carton manufacturing plant in Cook County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.

**PCB 25-46**

People of the State of Illinois v. Jerry Stafford and Samson’s Whitetail Mountain, LLC (Land – Enforcement) – Upon receiving a complaint, a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning a Johnson County hunting outfit, lodge, and taxidermy business, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.

**PCB 25-47**

People of the State of Illinois v. Village of Olympia Fields (Public Water Supply – Enforcement) – Upon receiving a complaint, a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning a public water supply that serves residents in Cook County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.

**March 6, 2025 Regular Meeting**

**By videoconference in Chicago and Springfield**

**RULEMAKING**

**R22-17**

Amendments to 35 Ill. Adm. Code Part 203: Major Stationary Sources Construction and Modification, 35 Ill. Adm. Code Part 204: Prevention of Significant Deterioration, and Part 232: Toxic Air Contaminants (Air) – For second notice, the Board proposed amendments to its air pollution rules.



## ADJUDICATORY CASES

- PCB 13-72** People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board denied Petco’s motion to certify a question for interlocutory appeal. And at the parties’ request, the Board stayed the proceeding pending its order ruling on the People’s motion to strike Petco’s amended and affirmative additional defenses.
- PCB 25-31** City of Rochelle v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – Because the City of Rochelle failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.
- PCB 25-48** People of the State of Illinois v. Marshall Field’s Chicago, Inc. d/b/a Macy’s Brunswick Square (Air – Enforcement) – The Board accepted for hearing the People’s complaint concerning a boiler plant at 111 North State Street in Chicago.
- PCB 25-49** People of the State of Illinois v. Sugar Camp Energy, LLC (Water, NPDES – Enforcement) – The Board accepted for hearing the People’s complaint concerning Sugar Camp’s site for construction of a fan bleeder shaft in Hamilton County.
- PCB 25-50** People of the State of Illinois v. Sugar Camp Energy, LLC (Water – Enforcement) – The Board accepted for hearing the People’s complaint concerning Sugar Camp’s water evaporators at its coal mining operation in Macedonia, Franklin County.
- PCB 25-51** People of the State of Illinois v. Gould Transportation Services, Inc. d/b/a Gould Bus Services (Water, NPDES – Enforcement) – Upon receiving a complaint, a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning Gould’s school bus transportation and storage businesses in Tuscola, Douglas County, and in Oakland, Coles County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.

## March 20, 2025 Regular Meeting By videoconference in Chicago and Springfield

### RULEMAKING

- R22-18** Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620) (Public Water Supply) – The Board adopted a final opinion and order amending its groundwater quality rules. The amendments include the addition of groundwater quality standards for six PFAS chemicals and updates to the provisions on groundwater management zones.





**R25-10** UIC Update, USEPA Amendments (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground injection control (UIC) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-11** RCRA Subtitle D (Municipal Solid Waste Landfill) Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding municipal solid waste landfill (MSWLF) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-13** UST Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground storage tank (UST) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-14** UST Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground storage tank (UST) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-13** UST Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground storage tank (UST) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-13** UST Update, USEPA Regulations (July 1, 2024 through December 31, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground storage tank (UST) regulations during the update period of July 1, 2024 through December 31, 2024.

**R25-14** Wastewater Pretreatment Update, USEPA Amendments (July 1, 2024 through December 31, 2024) (Water) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding wastewater pretreatment regulations during the update period of July 1, 2024 through December 31, 2024.



- R25-16**      Definition of VOM, USEPA Amendments (July 1, 2024 through December 31, 2024) (Air) – The Board dismissed this reserved “identical-in-substance” docket because, during the update period of July 1, 2024 through December 31, 2024, the United States Environmental Protection Agency did not amend its definition of “volatile organic compounds”, which corresponds to the Illinois definition of “volatile organic material” (VOM) in the Board’s air pollution control regulations.
- R25-17**      Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions (Air) – The Board adopted a second-notice proposal to amend the Board’s air pollution rules.
- R25-18**      Board Consideration of Environmental Justice in Board Proceedings (Procedural) – In response to requests made by the Illinois Environmental Protection Agency and the Office of the Illinois Attorney General to keep this docket open, and given the environmental justice legislation pending in the General Assembly, the Board issued an order holding this docket open until at least August 22, 2025.
- R25-22**      Standards for Universal Waste Management (35 Ill. Adm. Code Parts 703, 720, 721, 724, 725, 728, and 733) (Land) – On March 3, 2025, the Illinois Environmental Protection Agency proposed to amend the Board’s universal hazardous waste regulations. The Board found that the rulemaking proposal meets the requirements of the Environmental Protection Act and Board’s procedural rules. The Board therefore accepted the proposal for hearing. The Board also submitted the proposal, without commenting on its substantive merits, for first-notice publication in the *Illinois Register*.
- R25-23**      Amendments to 35 Ill. Adm. Code Parts 101, 310, 502, 620, 704, 721, 733, 739, 742, 807, Illustration E, 811, Illustration E, 840, 848, Illustration C, 1010, and 1501 (Administrative) – Prompted by the address change for its headquarters, the Illinois Environmental Protection Agency (IEPA) proposed to update provisions of the Board’s rules in which IEPA’s address appears. The Board found that the rulemaking proposal meets the requirements of the Environmental Protection Act and Board’s procedural rules. The Board therefore accepted the proposal for hearing. The Board also submitted the proposal, without commenting on its substantive merits, for first-notice publication in the *Illinois Register*.



## ADJUSTED STANDARDS

**AS 21-3** Midwest Generation LLC's Petition for an Adjusted Standard from 35 Ill. Adm. Code 845.740(a) and a Finding of Inapplicability of 35 Ill. Adm. Code 845 (Waukegan Station) (Land, CCR) – The Board denied Midwest Generation's third amended petition for an adjusted standard from 35 Ill. Adm. Code 845.

## ADJUDICATORY CASES

**PCB 24-50** Chronister Oil Co. d/b/a Qik-N-EZ v. Illinois Environmental Protection Agency (UST Appeal) – The Board denied Chronister Oil's motion for summary judgment and granted the Illinois Environmental Protection Agency's cross-motion for summary judgement.

**PCB 25-43** Michael T. Laurenzana v. Central Commodities FS (Water, Land, Air – Enforcement, Citizen) – The Board dismissed the complaint for failure to cure the noted deficiencies and closed the docket.

**PCB 25-45** 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 25-47** People of the State of Illinois v. Village of Olympia Fields (Public Water Supply – Enforcement) – In this enforcement action concerning a public water supply that serves residents in Cook County, 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 the Village of Olympia Fields to pay a \$3,456 civil penalty and to cease and desist from further violations.

## April 3, 2025 Regular Meeting

By videoconference in Chicago and Springfield

## RULEMAKING

**R25-24** Potentially Infectious Medical Waste (PIMW), Proposed Amendment of 35 Ill. Adm. Code 1422.Appendix A, Table B – Indicator Microorganisms (Land) – On March 20, 2025, BioSAFE Engineering filed a proposal to revise Part 1422 of the Board's rules concerning potentially infectious medical waste. After granting BioSAFE Engineering's motion for waiver of the signature requirement, the Board found that the proposal meets the applicable content requirements and accepted the proposal for hearing.



## ADJUDICATORY CASES

- PCB 13-72** People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board granted in part and denied in part the People’s motion to strike Petco’s amended defenses with prejudice. The Board also directed the hearing officer and the parties to discuss discovery deadlines and proceed expeditiously to hearing.
- PCB 23-108** People of the State of Illinois v. Department of Transportation of the State of Illinois (Noise – Enforcement) – The Board granted the People’s motion for voluntary dismissal, dismissed the complaint, and closed the docket.
- PCB 23-134** People of the State of Illinois v. Robert Wietholder, Desmond Jarvis, and Bob Jarvis (Land, Air – Enforcement) – Upon receiving a stipulation and proposal for settlement as to Bob Jarvis only, along with a corresponding motion for relief from the hearing requirement, the Board directed the Clerk to provide the required newspaper notice in this enforcement action concerning an Adams County waste collection business.
- PCB 25-46** People of the State of Illinois v. Jerry Stafford and Samson’s Whitetail Mountain, LLC (Land, Water, Air – Enforcement) – In this enforcement action concerning a hunting outfit and lodge and taxidermy business in Johnson County, 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 respondents to pay a \$60,000 civil penalty and to cease and desist from further violations.
- PCB 25-53** Paul Smith – Hettick v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Paul Smith’s livestock waste management facilities in Macoupin County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).



# CALENDAR

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## 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

## Tuesday, May 20, 2025 (10:30 AM)

### Hearing by videoconference: Standards for Universal Waste Management (35 Ill. Adm. Code Parts 703, 720, 721, 724, 725, 728, and 733), R25-22

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

## Wednesday, June 4, 2025 (1:00 PM)

### Hearing: Standards for the Placement of Limestone Residual Materials: Proposed New 35 Ill. Adm. Code 706, R25-21

Aurora City Hall, 44 East Downer Place, City Council Chamber, Aurora

## Thursday, June 5, 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, June 5, 2025 (11:15 AM)

### Hearing by videoconference: Clean-Up Amendments to 35 Ill. Adm. Code Parts 101, 310, 502, 620, 704, 721, 733, 739, 742, 807, 811, 840, 848, 1010, and 1501, R25-23

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

## Tuesday, June 10, 2025 (10:00 AM) (continuing June 11 and 12, 2025, 9:00 AM, if needed)

### Hearing: Petition of Southern Illinois Power Cooperative for an Adjusted Standard from 35 Ill. Adm. Code Part 845 or, in the Alternative, a Finding of Inapplicability, AS 21-6

Market Street Hall, 310 N. Market Street, Marion

## Thursday, June 26, 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, July 10, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-502, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

**Thursday, July 24, 2025 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-502, 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

April 2025

| SYSTEM NAME                            | SYSTEM ID | EPA REGION | NATURE OF PROBLEM                   | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|-------------------------------------|-------------------|--------------|
| ALBION                                 | IL0470050 | 7          | MANGANESE MCL VIOLATION             | 2839              | 1/19/2022    |
| 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    |
| CAMARGO*                               | IL0410100 | 4          | TOTAL TRIHALOMETHANES MCL VIOLATION | 750               | 3/21/2025    |
| CAPRON MHP                             | IL0075105 | 1          | INADEQUATE PRESSURE TANK            | 90                | 3/18/1983    |
| CARBON CLIFF*                          | IL1610100 | 1          | COMBINED RADIUM MCL VIOLATION       | 2134              | 2/13/2025    |





| SYSTEM NAME                           | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE         |
|---------------------------------------|-----------|------------|---|-------------------|----------------------|
| 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           |
| 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            |
| EAST END WATER ASSOCIATION            | IL1610140 | 1          | INADEQUATE PRESSURE TANK  | 40                | 3/15/2002            |
| EAST MORELAND WATER ASSOCIATION       | IL1975600 | 2          | NO ELEVATED OR GROUND STORAGE   | 952               | 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           |
| ELIZABETH (upper elevation area)      | IL0850150 | 1          | LOW SYSTEM PRESSURE   | 802               | 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   | 350               | 10/31/2019           |
| FORD HEIGHTS                          | IL0310720 | 2          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 1813              | 12/9/2022            |
| FOUR STAR CAMPGROUND                  | IL0990060 | 1          | INADEQUATE PRESSURE TANK  | 250               | 6/15/1999            |
| HETTICK                               | IL1170500 | 5          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 188               | 6/30/2021            |
| HIGHLAND SUBDIVISON                   | IL0895530 | 2          | INADEQUATE PRESSURE TANK  | 40                | 9/16/1983            |
| HILLCREST                             | IL1410250 | 1          | INADEQUATE SOURCE CAPACITY  | 1400              | 2/13/2018            |



| SYSTEM NAME   | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE |
|---|-----------|------------|---|-------------------|--------------|
| HILLSDALE ESTATES, LLC  | IL1615530 | 1          | INADEQUATE PRESSURE TANK  | 50                | 3/18/1983    |
| HILLSDALE PROPERTIES  | IL1615728 | 1          | INADEQUATE PRESSURE TANK  | 66                | 1/14/1982    |
| HOLLY HOCK HILL MHP   | IL0975245 | 2          | INADEQUATE PRESSURE TANK  | 47                | 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   | 1174              | 10/1/2003    |
| INGALLS PARK SUBDIVISION  | IL1975880 | 2          | NO ELEVATED OR GROUND STORAGE                                   | 744               | 9/16/1983    |
| KINGSTON  | IL0370250 | 1          | NO OPTIMAL CORROSION CONTROL TREATMENT                          | 1160              | 2/16/2022    |
| LAND AND WATER ASSOCIATION  | IL0995050 | 1          | COMBINED RADIUM MCL VIOLATION                                   | 100               | 8/26/2022    |
| LE ROY  | IL1130750 | 4          | MINIMUM CHLORINE RESIDUAL VIOLATION                             | 3498              | 2/16/2024    |
| LEWISTOWN   | IL0570600 | 5          | MANGANESE MCL VIOLATION   | 2400              | 12/29/2021   |
| LIBERTY PARK HOMEOWNERS' ASSOCIATION                              | IL0435600 | 2          | INADEQUATE GROUND STORAGE CAPACITY                              | 950               | 9/17/1992    |
| LICK CREEK PWD (area served by Anna - Jonesboro Water Commission) | IL1815100 | 7          | TOTAL TRIHALOMETHANES MCL VIOLATION                             | 2191              | 5/3/2024     |
| 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    |
| MANTENO MHP   | IL0915385 | 2          | INADEQUATE PRESSURE TANK  | 144               | 12/14/1990   |
| MARENGO   | IL1110650 | 2          | INADEQUATE SOURCE WATER TREATMENT                               | 7572              | 8/19/2022    |
| MILLSTONE PWD   | IL1515050 | 7          | ARSENIC MCL VIOLATION   | 5565              | 10/16/2024   |
| MONMOUTH  | IL1870150 | 5          | COMBINED RADIUM MCL VIOLATION                                   | 8902              | 10/30/2024   |
| MOUNT ZION  | IL1150350 | 4          | TOTAL TRIHALOMETHANES MCL VIOLATION                             | 5833              | 1/19/2022    |
| NEW HAVEN*  | IL0590150 | 7          | ONLY ONE WELL   | 456               | 11/27/2024   |
| OAK RIDGE SANITARY DISTRICT                                       | IL2035300 | 1          | INADEQUATE PRESSURE TANK  | 300               | 3/20/1981    |
| OSCO MUTUAL WATER SUPPLY COMPANY, INC.                            | IL0735200 | 1          | INADEQUATE PUMP CAPACITY  | 80                | 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 | 2          | 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    |



| SYSTEM NAME   | SYSTEM ID | EPA<br>REGION | NATURE OF PROBLEM   | POPULATION<br>SERVED | LISTING<br>DATE          |
|---|-----------|---------------|---|----------------------|--------------------------|
| PRAIRIE PATH WATER - BAHL WATER<br>COMPANY          | IL0855200 | 1             | NO ELEVATED OR GROUND<br>STORAGE  | 700                  | 12/15/1993               |
| PRAIRIE PATH WATER - WALK-UP WOODS<br>WATER COMPANY | IL1115800 | 2             | NO ELEVATED OR GROUND<br>STORAGE  | 775                  | 12/17/1982               |
| PRAIRIE ROAD PUMP ASSOCIATION                       | IL2015100 | 1             | INADEQUATE PRESSURE TANK  | 150                  | 1/1/2006                 |
| RAINBOW LANE MHP                                    | IL2015645 | 1             | INADEQUATE PRESSURE TANK  | 83                   | 6/17/1983                |
| REDDICK   | IL0914780 | 2             | COMBINED RADIUM MCL<br>VIOLATION  | 196                  | 2/23/2024                |
| RIO   | IL0950450 | 5             | NSF/ANSI STANDARD 60<br>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<br>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<br>AND COMBINED RADIUM MCL<br>VIOLATION                                    | 10                   | 9/17/1982 &<br>1/23/2025 |
| SHANGRI-LA MHP                                      | IL1415285 | 1             | INADEQUATE PRESSURE TANK  | 475                  | 9/16/1983                |
| SILVIS HEIGHTS WATER CORP                           | IL1615750 | 1             | NO EMERGENCY GENERATOR  | 1450                 | 12/1/2003                |
| SIX OAKS MHP  | IL2015685 | 1             | INADEQUATE PRESSURE TANK  | 48                   | 6/18/1982                |
| SOUTH JACKSONVILLE                                  | IL1370400 | 5             | INADEQUATE SOURCE<br>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<br>VIOLATION  | 1930                 | 10/23/2024               |
| STONETOWN EDGEWOOD TERRACE LLC                      | IL1795345 | 5             | INADEQUATE CHLORINE<br>RESIDUAL   | 248                  | 10/28/2022               |
| SUNNY HILLS ESTATES SUBDIVISION                     | IL0735300 | 1             | INADEQUATE PRESSURE TANK  | 525                  | 6/15/2000                |
| SUNNYLAND SUBDIVISION                               | IL1977730 | 2             | INADEQUATE SOURCE<br>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                |
| VERMONT   | IL0570950 | 5             | TOTAL TRIHALOMETHANE MCL<br>VIOLATION & HALOACETIC<br>ACID MCL VIOLATION                            | 738                  | 5/27/2020                |
| WALTONVILLE   | IL0810400 | 7             | LOW SYSTEM PRESSURE AND<br>NOT MEETING STORAGE,<br>PUMPING, AND EMERGENCY<br>GENERATOR REQUIREMENTS | 1901                 | 5/25/2022                |
| WENONA*   | IL1234950 | 1             | COMBINED RADIUM MCL<br>VIOLATION  | 979                  | 1/23/2025                |
| WESTFIELD   | IL0230200 | 4             | NO OPTIMAL CORROSION<br>CONTROL TREATMENT   | 678                  | 2/16/2022                |



| SYSTEM NAME                               | SYSTEM ID | EPA<br>REGION | NATURE OF PROBLEM  | POPULATION<br>SERVED | LISTING<br>DATE |
|---|-----------|---------------|--|----------------------|-----------------|
| WILLOWAY TERRACE MHP                      | IL0317595 | 2             | NO ELEVATED OR GROUND<br>STORAGE & INADEQUATE<br>SOURCE CAPACITY | 900                  | 6/15/1984       |
| WOOD DALE ESTATES                         | IL0437245 | 2             | INADEQUATE PRESSURE TANK   | 145                  | 6/17/1983       |
| WOODLAND                                  | IL0751000 | 4             | INADEQUATE SOURCE<br>CAPACITY                                    | 319                  | 7/15/2022       |
| AIR VIEW MHP                              | IL1615185 | 1             | NO BACKUP SOURCE   | 200                  | 8/7/2020        |
| ALEXIS                                    | IL1874000 | 5             | INADEQUATE SOURCE<br>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<br>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<br>CAPACITY                                 | 16748                | 3/15/2007       |
| CAPRON MHP                                | IL0075105 | 1             | ONLY ONE WELL  | 90                   | 1/27/2021       |
| CARBON HILL                               | IL0630100 | 2             | INADEQUATE TREATMENT<br>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<br>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      |



| SYSTEM NAME                               | SYSTEM ID | EPA<br>REGION | NATURE OF PROBLEM  | POPULATION<br>SERVED | LISTING<br>DATE |
|---|-----------|---------------|--|----------------------|-----------------|
| EAST SIDE MHP                             | IL0195825 | 4             | ONLY ONE WELL  | 95                   | 1/27/2021       |
| 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<br>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<br>CAPACITY & INADEQUATE<br>TREATMENT CAPACITY | 3650                 | 5/21/2024       |
| FOUR STAR CAMPGROUND                      | IL0990060 | 1             | ONLY ONE WELL  | 250                  | 8/26/2020       |
| FOX CREEK FARMS WATER COMPANY             | IL1435750 | 5             | ONLY ONE WELL  | 221                  | 7/29/2020       |
| FOX LAWN HOMEOWNERS WATER<br>ASSOCIATION  | IL0935150 | 2             | ONLY ONE WELL  | 167                  | 1/13/2021       |
| FRENTRESS LAKE                            | IL0850010 | 1             | ONLY ONE WELL  | 104                  | 1/8/2021        |
| GARDEN STREET IMPROVEMENT<br>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  | 170                  | 8/26/2020       |
| HARMON                                    | IL1030300 | 1             | ONLY ONE WELL  | 111                  | 8/26/2020       |
| HAZELWOOD 4TH ADDITION                    | IL0735350 | 1             | ONLY ONE WELL  | 132                  | 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<br>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  | 50                   | 8/14/2020       |
| HILLSDALE PROPERTIES                      | IL1615728 | 1             | ONLY ONE WELL  | 66                   | 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  | 47                   | 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  | 78                   | 8/26/2020       |
| INDIAN BLUFFS SUBDIVISION                 | IL1615520 | 1             | ONLY ONE WELL  | 150                  | 8/14/2020       |
| INDIAN CREEK HOMEOWNERS AND WATER<br>ASSN | IL1135250 | 4             | ONLY ONE WELL  | 210                  | 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        |



| SYSTEM NAME                                       | SYSTEM ID | EPA<br>REGION | NATURE OF PROBLEM  | POPULATION<br>SERVED | LISTING<br>DATE |
|---|-----------|---------------|--|----------------------|-----------------|
| 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       |
| LASALLE**   | IL0990300 | 1             | INADEQUATE TREATMENT<br>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<br>CAPACITY                                   | 15052                | 12/14/2016      |
| MAEYSTOWN   | IL1330200 | 6             | INADEQUATE SOURCE<br>CAPACITY AND INADEQUATE<br>TREATMENT CAPACITY | 340                  | 5/21/2024       |
| MAQUON  | IL0950350 | 5             | ONLY ONE WELL  | 218                  | 1/13/2021       |
| MARSEILLES SOUTH                                  | IL0990110 | 1             | ONLY ONE WELL  | 100                  | 8/26/2020       |
| MASON CITY  | IL1250350 | 5             | INADEQUATE STORAGE<br>CAPACITY                                     | 2558                 | 1/1/2006        |
| MAYFAIR SUBDIVISION                               | IL1795750 | 5             | ONLY ONE WELL  | 90                   | 12/11/2020      |
| MAZON   | IL0630500 | 2             | NEAR A MANGANESE MCL<br>VIOLATION                                  | 994                  | 7/8/2022        |
| MILL POINT MHP                                    | IL2035165 | 1             | ONLY ONE WELL  | 200                  | 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  | 115                  | 1/29/2021       |
| OAKWOOD WEST SUBDIVISION                          | IL0730070 | 1             | ONLY ONE WELL  | 57                   | 1/29/2021       |
| OPHIEM PWS  | IL0735150 | 1             | ONLY ONE WELL  | 110                  | 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 | 2             | ONLY ONE WELL  | 93                   | 1/29/2021       |
| POWERS WATER CO., INC                             | IL0895550 | 2             | ONLY ONE WELL  | 216                  | 1/8/2021        |
| PRAIRIE OAKS ESTATES HOMEOWNERS'<br>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<br>COMPANY | IL1975280 | 2             | ONLY ONE WELL  | 624                  | 12/9/2020       |
| PRAIRIE PATH WATER - PORT BARRINGTON<br>SHORES**  | IL0971120 | 2             | ONLY ONE WELL  | 67                   | 8/26/2020       |
| PRAIRIE PATH WATER - ROCKVALE                     | IL1415350 | 1             | ONLY ONE WELL PER<br>DISTRIBUTION SYSTEM                           | 298                  | 10/10/2024      |
| RAINBOW LANE MHP                                  | IL2015645 | 1             | ONLY ONE WELL  | 83                   | 12/4/2020       |



| SYSTEM NAME                            | SYSTEM ID | EPA<br>REGION | NATURE OF PROBLEM  | POPULATION<br>SERVED | LISTING<br>DATE |
|--|-----------|---------------|--|----------------------|-----------------|
| RAINBOW RIDGE                          | IL1615580 | 1             | ONLY ONE WELL  | 45                   | 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       |
| 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        |
| SEATON                                 | IL1310350 | 1             | ONLY ONE WELL  | 214                  | 7/2/2020        |
| SENECA MOBILE HOMES LLC                | IL0995425 | 1             | ONLY ONE WELL  | 10                   | 8/26/2020       |
| SHERIDAN CORRECTIONAL CENTER           | IL0995840 | 1             | INADEQUATE TREATMENT<br>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<br>CAPACITY                                     | 740                  | 9/20/2017       |
| TOWER RIDGE SUBDIVISION                | IL1615780 | 1             | ONLY ONE WELL  | 77                   | 11/20/2020      |
| VALLEY VIEW MANOR**                    | IL0195865 | 4             | ONLY ONE WELL  | 120                  | 1/27/2021       |
| VALMEYER                               | IL1330250 | 6             | INADEQUATE SOURCE<br>CAPACITY AND INADEQUATE<br>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  | 268                  | 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<br>CAPACITY                                     | 2313                 | 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**

ALEXANDER WATER DISTRICT  
EAGERVILLE  
EJ WATER - SANGCHRIS SERVICE AREA  
GOLCONDA  
GREEN MEADOW ESTATES OF ROCKFORD LLC  
JASPER WATERWORKS CORP  
LAKE OF EGYPT PWD  
LICK CREEK PWD (area served by Lake of Egypt PWD)  
MANCUSO VILLAGE PARK MHP  
MAPLE ACRES MHP  
MAPLETON  
MEADOWBROOK MH COMMUNITY  
MOUNT AUBURN  
MOUT ERIE  
NASON  
QUAIL RUN MHP  
SANTA FE ESTATES WATER ASSOCIATION  
STEPHENSON MOBILE ESTATES  
VANDALIA  
WEATHERSTONE LAKES MHP

**\*WATER SYSTEMS ADDED**

CAMARGO  
CARBON CLIFF  
NEW HAVEN  
WENONA

**\*\*WATER SYSTEM UPDATES**

LASALLE  
PRAIRIE PATH WATER - PORT BARRINGTON SHORES  
SENECA MOBILE HOMES LLC  
VALLEY VIEW MANOR (removed from restricted status  
but remains on critical review)



## 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 UPDATES

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

Prepared by:  
Office of Toxicity Assessment  
Illinois Environmental Protection Agency  
April 11, 2025

#### REASON FOR ACTION

A new methodology to calculate health advisory guidance levels is now in effect, which lowers the guidance level for Perfluorobutanoic Acid (PFBA) from 0.007 milligrams per liter (mg/L), or 7,000 nanograms per liter (ng/L) or parts per trillion (ppt) to 0.0038 milligrams per liter (mg/L), or 3,800 nanograms per liter (ng/L) or parts per trillion (ppt).

On September 16, 2024, Illinois Environmental Protection Agency (Illinois EPA) issued a health advisory for Perfluorobutanoic Acid (PFBA) after confirming detection of the chemical in a well of a Community Water Supply (CWS). This sample result came from Illinois EPA's sampling investigation of Per- and Polyfluoroalkyl Substances (PFAS) in CWS statewide. 35 Illinois Administrative Code 620.605(a) directs the Illinois EPA to issue a health advisory for a chemical substance if all of the following conditions are met:

2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
115 S. LaSalle Street, Suite 2203, Chicago, IL 60603  
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120  
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000

595 S. State Street, Elgin, IL 60123 (847) 608-3131  
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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- 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
- 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 listed in the September 16, 2024 health advisory for PFBA was 0.007 milligrams per liter (mg/L), or 7,000 nanograms per liter (ng/L) or parts per trillion (ppt). The health advisory guidance level was calculated as required by the regulations at that time.

On March 20, 2025, the Illinois Pollution Control Board adopted final amendments to Part 620, and on April 11, 2025, the amendments were published in the *Illinois Register*. These amendments update certain exposure factors used for calculating health advisory guidance levels, resulting in Illinois EPA's issuance of an updated PFBA health advisory level of 0.0038 milligrams per liter (mg/L), or 3,800 nanograms per liter (ng/L) or parts per trillion (ppt). The updated 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 updated 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 updated guidance level for PFBA in drinking water. For non-carcinogenic health effects, the updated guidance level is 0.0038 milligrams per liter (mg/L), or 3,800 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>PFB, 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<sub>HED</sub>.

The overall RfD for PFBA was calculated by dividing the POD<sub>HED</sub> 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 0.0038 milligrams per liter (mg/L), or 3,800 nanograms per liter (ng/L) or parts per trillion (ppt).

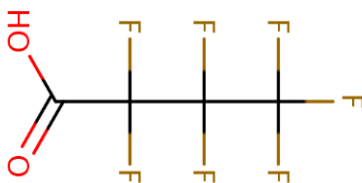


## **CHEMICAL CHARACTERISTICS** **AND** **POTENTIAL ADVERSE HEALTH EFFECTS**

### **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 or as "carcinogenic to humans" or "likely to become carcinogenic to humans" 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 non-carcinogenic 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 must 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 under Appendix A, subsection (b).
- W = Per capita daily water consumption for a child (0-6 years of age), equal to 0.78 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); the most sensitive Point of Departure (POD) as determined by Benchmark Dose Modeling or the NOAEL/LOAEL approach consistent with U.S. EPA RfD guidance; and derivation of a Human Equivalent Dose (HED) using physiologically based pharmacokinetic (PBPK) modeling or Dose Adjustment Factor (DAF), then divided by the total Uncertainty Factor (UF) and modifying factor (MF), if applicable. .

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 15 kilograms (kg), which is the updated assumed average body weight of a child age 0-6 years per Section 620:

$$ADE = 0.001 \text{ mg/kg-day} \cdot 15 \text{ kg} = 0.015 \text{ mg/day}$$

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 for a child (0-6 years of age), specified in Appendix A as equal to 0.78 L/day:

$$HTTAC \text{ (mg/L)} = \frac{0.20 \cdot 0.015 \text{ mg/day}}{0.78 \text{ L/day}}$$

$$HTTAC \text{ (mg/L)} = \frac{0.003 \text{ mg/day}}{0.78 \text{ L/day}}$$

$$HTTAC = 0.0038 \text{ mg/L}$$

or:

$$3,800 \text{ ng/L or ppt}$$

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 3,800 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>

PCB (Pollution Control Board). Title 35: Environmental Protection: Subtitle F: Public Water Supplies: Chapter I: Pollution Control Board. Part 620: Groundwater Quality. Available at: <https://pcb.illinois.gov/SLR/PCBAndIEPAEnvironmentalRegulationsTitle35>

U.S. EPA (United State Environmental Protection Agency) Office of Solid Waste and Emergency Response (OSWER). 2013. Tier 3 Toxicity Value White Paper. OSWER Document Number 9285.7-86. Available at: <https://www.epa.gov/sites/production/files/2015-11/documents/tier3-toxicityvalue-whitepaper.pdf>



U.S. EPA IRIS Toxicological Review of Perfluorobutanoic Acid (PFBA, CASRN 375-22-4) and Related Salts. U.S. Environmental Protection Agency, Washington, DC, EPA/635/R-22/277Fb, 2022. Available at: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=350051](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=350051)

**HEALTH ADVISORY UPDATE  
FOR  
PERFLUOROHEXANOIC ACID (PFHxA)  
CHEMICAL ABSTRACT SERVICES REGISTRY NUMBER (CASRN)  
307-24-4**

Prepared by:  
Office of Toxicity Assessment  
Illinois Environmental Protection Agency  
April 11, 2025

**REASON FOR ACTION**

A new methodology to calculate health advisory guidance levels is now in effect, which lowers the guidance level for Perfluorohexanoic Acid (PFHxA) from 0.0035 milligrams per liter (mg/L), or 3,500 nanograms per liter (ng/L) or parts per trillion (ppt) to 0.0019 milligrams per liter (mg/L), or 1,900 nanograms per liter (ng/L) or parts per trillion (ppt).

On January 28, 2021, Illinois Environmental Protection Agency (Illinois EPA) issued an initial health advisory for Perfluorohexanoic Acid (PFHxA) after confirming detection of the chemical in a well of a Community Water Supply (CWS). This sample result came from the Illinois EPA's sampling investigations of Per- and Polyfluoroalkyl Substances (PFAS) in CWS statewide. 35 Illinois Administrative Code 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
- 3) The chemical substance is toxic or harmful to human health according to the procedures of Appendix A, B, or C.

On April 26, 2023, an updated health advisory for PFHxA was issued based on updated toxicity data. The health advisory for PFHxA was 0.0035 milligrams per liter (mg/L), or 3,500 nanograms per liter (ng/L) or parts per trillion (ppt). The health advisory guidance level was calculated as required by the regulations at that time.



On March 20, 2025, the Illinois Pollution Control Board adopted final amendments to Part 620, and on April 11, 2025, the amendments were published in the *Illinois Register*. These amendments update certain exposure factors used for calculating health advisory guidance levels, resulting in Illinois EPA's issuance of an updated PFHxA health advisory level of 0.0019 milligrams per liter (mg/L), or 1,900 nanograms per liter (ng/L) or parts per trillion (ppt).

The updated 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 updated 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 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 PFHxA**

Through issuance of this updated Health Advisory, Illinois EPA is providing public notice of its updated guidance level for PFHxA in drinking water. For non-carcinogenic health effects, the updated guidance level is 0.0019 milligrams per liter (mg/L), or 1,900 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. PFHxA 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 PFHxA; therefore, Illinois EPA used the Appendix A procedures to calculate a HTTAC for PFHxA.

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).

On April 10, 2023, U.S. EPA’s IRIS published a final peer reviewed toxicological profile titled, “*IRIS Toxicological Review of Perfluorohexanoic Acid [PFHxA, CASRN 307-24-4] and Related Salts.*” U.S. EPA’s IRIS is listed as a Tier 1 toxicity value source. The IRIS toxicological profile recommends a chronic oral reference dose (RfD) equal to 0.0005 (5E-04) mg/kg-day. The value is based on a critical effect of decreased offspring body weight in neonatal rats from exposure through gestation and lactation from a study by Loveless et. al., titled, “*Toxicological evaluation of sodium perfluorohexanoate,*” published in 2009. A benchmark dose 95% lower confidence limit at the 5% relative deviation response level (BMDL<sub>5RD</sub>) of 10.62 mg/kg-day was identified and used as the point of departure (POD). A human equivalent dose POD (POD<sub>HED</sub>) of 0.048 mg/kg-day was then derived by applying the ratio of the clearance between female rats and humans.

A total composite uncertainty factor (UF) of 100 (UF of 3 to account for toxicodynamic differences between humans and animals, UF of 10 to account for intrahuman variability, and UF of 3 to account for database uncertainties) was applied to the POD<sub>HED</sub>.



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

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

$$RfD = \frac{0.048 \text{ mg/kg-day}}{100}$$

$$RfD = 0.00048 \text{ mg/kg-day}$$

Rounded to one significant digit:

$$RfD = 0.0005 \text{ mg/kg-day}$$

Using the RfD of 0.0005 (5E-4) mg/kg-day, and the procedures outlined in Section 620. Appendix A, the recommended guidance level for drinking water is 0.0019 milligrams per liter (mg/L), or 1,900 nanograms per liter (ng/L) or parts per trillion (ppt).

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

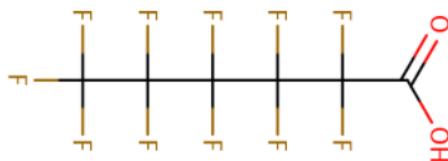
#### **General Description of PFHxA**

Perfluorohexanoic Acid (PFHxA) (CASRN 307-24-4), also known as undecafluorohexanoic acid or PFHxA, 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 PFHxA make it mobile, persistent and bioaccumulative, meaning fish and other animals may accumulate PFHxA in animal tissue when their food sources are contaminated with PFHxA. PFHxA is known to be persistent in the environment.





### Structural Identifier



### Chemical Identifier



### Potential Adverse Health Effects of PFHxA

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

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

- Increased liver weight
- Increased hepatocellular hypertrophy
- Increased perinatal mortality
- Decreased weight of offspring
- Reduced red blood cell count
- Decreased thyroid hormone

### 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 or as "carcinogenic to humans" or "likely to become carcinogenic to humans" by the U.S. EPA in IRIS or a Final Rule issued in a Federal Register notice by the USEPA. PFHxA is not classified as a carcinogen by any of the above sources.



**ATTACHMENT TO HEALTH ADVISORY  
FOR  
PERFLUOROHEXANOIC ACID (PFHxA)  
CASRN 307-24-4**

**OVERVIEW OF KEY STUDIES**

For information regarding the studies used by IRIS for the derivation of its PFHxA RfD, refer to the IRIS Toxicological Review of Perfluorohexanoic Acid, located at:  
[https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=357314](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=357314)

**DERIVATION OF THE HEALTH ADVISORY FOR PFHxA**

The first step in the derivation of a health advisory is to determine whether the chemical substance presents a carcinogenic risk to humans. PFHxA does not meet the definition of a carcinogen as specified in Section 620. Therefore, the guidance level will be based on non-carcinogenic 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., non-carcinogen 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 PFHxA; 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 must 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 under Appendix A, subsection (b).



W = Per capita daily water consumption for a child (0-6 years of age), equal to 0.78 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); the most sensitive Point of Departure (POD) as determined by Benchmark Dose Modeling or the NOAEL/LOAEL approach consistent with U.S. EPA RfD guidance; and derivation of a Human Equivalent Dose (HED) using physiologically based pharmacokinetic (PBPK) modeling or Dose Adjustment Factor (DAF), then divided by the total Uncertainty Factor (UF) and modifying factor (MF), if applicable.

Illinois EPA selected the U.S EPA IRIS recommended RfD of 0.0005 (5E-4) mg/kg-day, as the verified RfD for use in calculating the ADE. The ADE equals the product of multiplying the toxicity value by 15 kilograms (kg), which is the assumed average body weight of a child (age 0-6 years) per Section 620:

$$ADE = 0.0005 \text{ mg/kg-day} \cdot 15 \text{ kg} = 0.0075 \text{ mg/day}$$

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 PFHxA through a variety of media, including, but not limited to air emissions, ingestion of fish or other animals exposed to PFHxA, dermal exposure and incidental exposure from PFHxA-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.

Finally, the HTTAC is calculated by the product of the RSC and the ADE, divided by the per capita daily water ingestion rate for a child (0-6 years of age), specified in Appendix A as equal to 0.78 L/day:

$$HTTAC \text{ (mg/L)} = \frac{0.20 \cdot 0.0075 \text{ mg/day}}{0.78 \text{ L/day}}$$

$$HTTAC \text{ (mg/L)} = \frac{0.0015 \text{ mg/day}}{0.78 \text{ L/day}}$$

$$HTTAC = 0.0019 \text{ mg/L}$$

or:



1,900 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 states the PFHxA MRL is 2 ng/L, which is below the calculated guidance level of 1,900 ng/L. Therefore, the guidance level is appropriate.

## REFERENCES

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U.S. EPA. Toxicological Review of Perfluorohexanoic Acid (PFHxA) and Related Salts (Final Report, 2023). U.S. Environmental Protection Agency, Washington, DC, EPA/635/R-23/027F, 2023. Available at: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=357314](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=357314)



# HEALTH ADVISORY SUMMARY LIST

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 SUMMARY LIST

Prepared by:  
Office of Toxicity Assessment  
Illinois Environmental Protection Agency  
April 11, 2025

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 |
|--------------------|--------------------------------|---|-------------------------------|
| 307-24-4           | Perfluorohexanoic acid (PFHxA) | 1,900 <sup>2</sup>                              | April 11, 2025                |
| 375-22-4           | Perfluorobutanoic acid (PFBA)  | 3,800 <sup>3</sup>                              | April 11, 2025                |

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

2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
115 S. LaSalle Street, Suite 2203, Chicago, IL 60603  
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120  
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000

595 S. State Street, Elgin, IL 60123 (847) 608-3131  
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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- <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. On April 11, 2025, Illinois EPA updated the Guidance Level to 1,900 ng/L due to final amendments to Part 620.
- <sup>3</sup> On September 16, 2024, Illinois EPA issued a PFBA Health Advisory Guidance Level of 7,000 ng/L. On April 11, 2025, Illinois EPA updated the Guidance Level to 3,800 ng/L due to final amendments to Part 620.

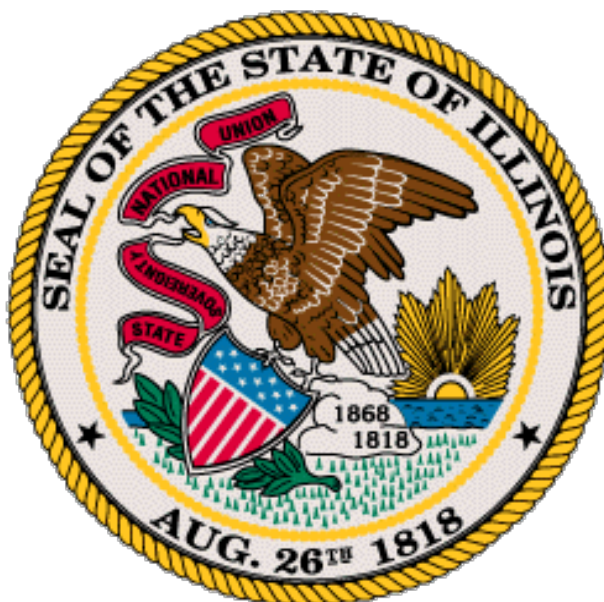
On March 20, 2025, the Illinois Pollution Control Board adopted final amendments to Part 620, and on April 11, 2025, the amendments were published in the Illinois Register. The adoption of final amendments to Part 620 included establishing standards under Section 620.410 for PFAS analytes including *Perfluorobutanesulfonic Acid (PFBS)*, *Perfluorohexanesulfonic Acid (PFHxS)*, *Perfluorononanoic Acid (PFNA)*, *Perfluorooctanesulfonic Acid (PFOS)*, and *Perfluorooctanoic Acid (PFOA)*. Therefore, the standards in Section 620.410 for these PFAS analytes replace the previously issued health advisories. Health advisories for *Perfluorohexanoic Acid (PFHxA)*, issued on January 28, 2021, and updated on April 26, 2023, and for *Perfluorobutanoic Acid (PFBA)*, issued on September 16, 2024, remain in effect.

The final amendments to Part 620 include updates to exposure factors used for calculating health-based guidance levels. The updated exposure factors account for adverse effects from exposure for children. Previously, the exposure factors in Part 620 calculated health-based guidance levels based on adult exposure.

On April 11, 2025, Illinois EPA issued Health Advisory updates for *PFHxA* and *PFBA* to reflect the exposure factor updates. The updated health-based guidance level for *PFHxA* is 0.0019 milligrams per liter (mg/L), or 1,900 nanograms per liter (ng/L) or parts per trillion (ppt). The updated health-based guidance level for *PFBA* is 0.0038 milligrams per liter (mg/L), or 3,800 nanograms per liter (ng/L) or parts per trillion (ppt).

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>





## **A Publication of the Illinois Pollution Control Board**

**April 2025**

Issues of the *Environmental Register* dating back to 1990 are available electronically at  
<https://pcb.illinois.gov/>

