



ENVIRONMENTAL REGISTER

July 21, 2025 – Number 774

A PUBLICATION OF THE ILLINOIS POLLUTION CONTROL BOARD

<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

In this issue of the *Environmental Register*, I draw your attention to four bills passed during the spring session of the 104th General Assembly that proposed amendments to the Environmental Protection Act (415 ILCS 5). Last month, these bills were sent to Governor JB Pritzker for his consideration, and he has since signed one of them into law. Below, I identify some of key provisions of each bill. For those who are interested in more specifics, I provide links to the legislation and related information on the General Assembly's website.

❖ [Public Act 104-006 \(House Bill 2755\)—Increased Maximum Civil Penalty Amounts](#)

With the Governor's signature on June 16, 2025, House Bill 2755, an omnibus revenue bill, became Public Act 104-006, the provisions of which take effect on various dates. As it concerns the Environmental Protection Act, Public Act 104-006 amended Section 42(a), effective June 16, 2025, by increasing maximum civil penalty amounts from \$50,000 to \$100,000 for each violation, and from \$10,000 to \$25,000 for each day during which the violation continues. Program-specific penalty maximums in Section 42(b) and (b.5) were also increased. And, under a new Section 42(l), most of the new maximum penalty amounts were made subject to mandatory annual increases based upon the "consumer price index-u," which the new law defines.

❖ [House Bill 2419—Public Access to Local Siting Hearings](#)

House Bill 2419 would amend Section 39.2 of the Environmental Protection Act, which concerns local governmental siting of pollution control facilities like landfills and waste transfer stations. The bill would require the county board or the municipality's governing body—whichever is considering the siting application—to conduct the already-required public hearing "in a manner that is accessible to the public, including, but not limited to, individuals with disabilities and individuals who are not native speakers of English." Under the bill, noncompliance with this new requirement would not be permitted to serve as grounds for appealing a local siting approval to the Board. The General Assembly sent the bill to the Governor on June 24, 2025.

❖ [House Bill 3290—Underground Storage Tank \(UST\) Fund](#)

In the case of an approved corrective action plan and budget for which payment from the UST Fund is being sought, House Bill 3290 would require the Illinois Environmental Protection Agency to make a payment determination within 120 days after receiving *both* the "complete" application for payment *and* "the report documenting completion of the activities approved in the plan" (rather than 120 days after receiving just an application for payment). In addition, the bill would amend the provision on the applicable deductible for UST releases reported before June 8, 2010, with the deductible varying depending upon whether the costs were incurred before or after the effective date of the legislation. This bill, which would amend Sections 57.8 and 57.9 of the Environmental Protection Act, was sent to the Governor on June 20, 2025.

❖ [Senate Bill 1723—Sole Source Aquifer](#)

Last year, Public Act 103-651 (eff. July 18, 2024) added a new title to the Environmental Protection Act, Title XVIII on carbon capture and sequestration. Senate Bill 1723, which was sent to the Governor on June 18, 2025, would add to Title XVIII a definition of "sole source aquifer," along with a prohibition on anyone conducting "a carbon sequestration activity within a sequestration facility that



overlies, underlies, or passes through a sole source aquifer.” The bill would also create the Mahomet Aquifer Advisory Study Commission.

Generally, the Governor may approve or veto a bill within 60 days after receiving it from the General Assembly. If the Governor approves the bill within that 60-day timeframe, it becomes law. The bill also becomes law if the Governor does not act on the bill within that 60-day timeframe. Should the Governor veto a bill, the bill still becomes law if a three-fifths majority in each chamber overrides the veto.

Sincerely,



Barbara Flynn Currie
Chair



RULEMAKING UPDATE

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.

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.

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.

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.

Board Proceeds to Second Notice with Proposed NO_x 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_x) 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_x 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_x to 50 tpy. The amendments then impose the required NO_x 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.

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 pre-filing 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.

Board Adopts Final NO_x 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_x) 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_x 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_x to 50 tpy. The amendments then impose the required NO_x 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.

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.

Board Goes to Second Notice with Universal Waste Rules for Hazardous Waste Paints

On July 10, 2025, the Board proposed second-notice amendments to regulate hazardous waste “paint and paint-related waste” (PPRW) as a universal waste. In all, the Board proposes 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).

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. The first-notice proposal was published in the *Illinois Register* on April 18, 2025. See 49 Ill. Reg. 5114, 5124, 5162, 5172, 5192, 5210, 5220 (Apr. 18, 2025). The Board held two public hearings on the proposal, one on April 16, 2025, and the second on May 20, 2025. Hearing participants included representatives of IEPA, the Illinois Attorney General’s Office, and the American Coatings Association.

Based on testimony and public comments received during the first-notice period, the Board at second notice made two substantive changes to the first-notice proposal. Specifically, the Board added two narrowly tailored exemptions for specified small quantity handlers of universal waste PPRW at retail drop-off/collection sites. The first exemption is from the proposed 50-foot setback requirement. That requirement calls for a small quantity handler to locate containers holding ignitable universal waste PPRW at least 50 feet from the facility property line, unless a written waiver is obtained from the local fire authority. The second exemption is from an existing notification requirement. That requirement calls for a small quantity handler—upon receiving a shipment containing hazardous waste that is not a universal waste—to immediately notify IEPA of the illegal shipment and the originating shipper. The Board found that with the proposed exemptions, adequate safety measures would be in place for these situations, but that without the proposed exemptions, retail small quantity handlers would be deterred from participating as drop-off/collection sites, which would risk the successful implementation of a paint stewardship program in Illinois.



The second-notice amendments are expected to be considered by the Joint Committee on Administrative Rules at its August 13, 2025 meeting. This 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 is a link to the Board's second-notice [opinion and order](#), which includes the text of the proposed amendments. For more information, please contact Chloe Salk at 312-814-3932 or chloe.salk@illinois.gov.

Board Goes to Second Notice with IEPA's Address Change Amendments

On March 10, 2025, the Illinois Environmental Protection Agency (IEPA) filed a proposal that would amend 15 Parts of the Board's rules to update the address of IEPA's Springfield office, which recently moved to a new location. On March 20, 2025, the Board accepted for hearing IEPA's proposal and sent it to first-notice publication in the *Illinois Register* without comment.

The first-notice proposal was published in the *Illinois Register* on April 25, 2025. See 49 Ill. Reg. 5681, 5693, 5702, 5707, 5718, 5726, 5737, 5748, 5758, 5773, 5781, 5793, 5799, 5806, 5811 (Apr. 25, 2025). The Board held two public hearings on the proposal, one on April 17, 2025, and the second on June 5, 2025. The Board received no testimony or public comment.

The second-notice amendments are scheduled to be considered by the Joint Committee on Administrative Rules at its August 13, 2025 meeting. 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's second-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.



BOARD ACTIONS

May 1, 2025 Regular Meeting

By videoconference in Chicago and Springfield

ADJUSTED STANDARDS

AS 21-8 Petition of Ameren Energy Medina Valley Cogen, LLC (Old Meredosia) for an Adjusted Standard from 35 Ill. Adm. Code Part 845 (Land) – The Board granted Ameren’s motion to stay the proceeding for 180 days.

ADJUDICATORY CASES

PCB 23-134 People of the State of Illinois v. Robert Wietholder, Desmond Jarvis, and Bob Jarvis (Land, Air – Enforcement) – In this enforcement action concerning a waste collection business in Adams 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 as to Bob Jarvis only, and ordered Jarvis to cease and desist from further violations.

PCB 25-37 The Breaking Point, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – Because The Breaking Point failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.

PCB 25-38 The Breaking Point, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – Because The Breaking Point failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.

PCB 25-56 Oak Grove LLC – Burnside v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Oak Grove’s livestock waste management facilities in Hancock County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

PCB 25-57 Wilcox Farm v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Wilcox Farm’s livestock waste management facilities in Adams County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).



May 15, 2025 Regular Meeting
By videoconference in Chicago and Springfield

RULEMAKINGS

[R20-19\(A\)](#) Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments: Proposed New 35 Ill. Adm. Code 845 (Land) – For second-notice review by the Joint Committee on Administrative Rules, the Board proposed amendments to its Part 845 rules (35 Ill. Adm. Code 845) on coal combustion residual (CCR) surface impoundments. The proposed amendments concern temporary CCR storage piles and CCR fugitive dust emissions. In addition, the Board opened a sub-docket B to propose, for first notice, amendments to 35 Ill. Adm. Code 845.220.

[R22-18\(A\)](#) Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620) (Public Water Supply) – The Board directed participants to provide testimony and evidence concerning any economic impact that adding the PFAS groundwater quality standards to Part 620 (35 Ill. Adm. Code 620) would have on compliance costs under the current versions of the Part 811 and Part 814 landfill rules (35 Ill. Adm. Code 811, 814). The Board also stated that it would consider any amendments to Part 811 or Part 814 proposed in response to adoption of the Part 620 PFAS standards. Finally, the Board directed the hearing officers to hold a public hearing on August 12, 2025.

ADMINISTRATIVE CITATIONS

[AC 25-4](#) Illinois Environmental Protection Agency v. Robert Shay (Land) – After Shay failed to timely file a petition to contest this administrative citation, the Board found that Shay violated Sections 21(p)(1), 21(p)(3), 21(p)(7), and 55(k)(1) of the Environmental Protection Act (415 ILCS 5/21(p)(1), 21(p)(3), 21(p)(7), 55(k)(1) (2022)), as alleged. Because there were four violations, the Board ordered Shay to pay a total civil penalty of \$6,000, reflecting the statutory penalty of \$1,500 per violation.

[AC 25-5](#) Illinois Environmental Protection Agency v. Jeffrey A. Cox, Rhonda E. Cox, and Mitchell A. Gray (Land) – The Board granted IEPA’s motion to voluntarily dismiss Jeffrey A. Cox and Rhonda E. Cox from this action.

ADJUDICATORY CASES

[PCB 20-10](#) Marek Kruk v. New Trier High School (Noise – Enforcement, Citizens) – The Board directed Kruk and New Trier to file, within 21 days, an amended stipulation and proposed settlement, along with a request for hearing relief. The filing must comply the Environmental Protection Act and the Board’s procedural rules.

[PCB 25-14](#) People of the State of Illinois v. Imperial Zinc Corp. (Air – Enforcement) – Upon receiving a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning Imperial Zinc’s secondary zinc processing facility in Cook County, the Board directed the Clerk to provide the required newspaper notice.



- [PCB 25-28](#) Dynegy Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board granted Dynegy Midwest Generation’s motion to voluntarily dismiss this appeal 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) – Upon receiving a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning Macy’s boiler plant in Cook County, the Board directed the Clerk to provide the required newspaper notice. The Board also granted the parties’ agreed motion to correct a misnomer by substituting “Macy’s Retail Holdings, LLC” for the originally named respondent.
- [PCB 25-58](#) Bohnert Jerseys v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Bohnert Jerseys’ livestock waste management structures in Rock Island County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).
- [PCB 25-59](#) KJMM Partnership v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that KJMM’s livestock waste management structures in Randolph County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).
- [PCB 25-47](#) James and Larisa Willrett v. Illinois Environmental Protection Agency (Water – Tax Certification) – No action taken.

June 5, 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) – The Board denied the Illinois Environmental Protection Agency’s motion to clarify.



ADJUSTED STANDARDS

[AS 21-5](#) Petition of Electric Energy, Inc. for a Finding of Inapplicability or, in the Alternative, an Adjusted Standard from 35 Ill. Adm. Code Part 845 (Land, CCR) – No action taken.

[AS 25-1](#) Petition of ExxonMobil Oil Corporation for RCRA Delisting Adjusted Standard (Land, RCRA) – The Board accepted ExxonMobil’s petition.

ADJUDICATORY CASES

[PCB 23-135](#) INEOS Joliet, LLC v. Illinois Environmental Protection Agency (Thermal Demonstration) – No action taken.

[PCB 24-64](#) West Chicago Park District v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted West Chicago Park District’s motion to voluntarily dismiss this appeal, declined to retain jurisdiction over any settlement, and closed the docket.

[PCB 25-39](#) Minit Mart, LLC v. Illinois Environmental Protection Agency (UST Appeal) – Because Minit Mart failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.

[PCB 25-52](#) Stanley Boyd, et al. v. Aqua Illinois, Inc. (Public Water Supply, Citizens – Enforcement) – The Board granted complainants’ motion to voluntarily dismiss their complaint, denied as moot Aqua Illinois’ dismissal motion, and closed the docket.

[PCB 25-54](#) People of the State of Illinois v. Murphy-Brown LLC d/b/a Smithfield Hog Production (Water, NPDES – Enforcement) – In this enforcement action concerning Murphy-Brown’s concentrated animal feeding operation in Wayne 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 Murphy-Brown to pay an \$80,000 civil penalty and to cease and desist from further violations. The Board also required measures of Murphy-Brown with respect to permitting and nutrient management.

[PCB 25-55](#) Union Pacific Railroad (Dupo Terminal) v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – Because Union Pacific failed to timely to file an amended petition, the Board dismissed the case and closed the docket.

[PCB 25-60](#) James and Larisa Willrett v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that James and Larisa Willrett’s livestock waste management facilities in DeKalb County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).



[PCB 25-61](#) [BP Products North America, Inc. v. Illinois Environmental Protection Agency \(Land, RCRA – Permit Appeal\)](#) – The Board granted the parties’ request to extend the appeal period to September 8, 2025.

[PCB 25-62](#) [Gatlynn Farm v. Illinois Environmental Protection Agency \(Water – Tax Certification\)](#) – The Board found and certified that Gatlynn Farm’s livestock waste management facilities in Adams County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2022)).

[PCB 25-63](#) [Aqua Illinois, Inc. v. Illinois Environmental Protection Agency \(Public Water Supply – Permit Appeal\)](#) – The Board granted the parties’ request to extend the appeal period to June 30, 2025.

June 26, 2025 Regular Meeting
By videoconference in Chicago and Springfield

RULEMAKING

[R20-19\(A\)](#) [Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments: Proposed New 35 Ill. Adm. Code 845 \(Land\)](#) – In this sub-docket A of docket R20-19, the Board adopted a final opinion and order to amend Part 845 of the Board’s waste disposal regulations (35 Ill. Adm. Code 845). Specifically, the amendments add obligations and restrictions on using temporary storage piles of coal combustion residual (CCR) during the closure of CCR surface impoundments by removal. The amendments also add requirements on both responding to public complaints over CCR fugitive dust and monitoring air quality at or near a facility’s property boundary.

[R22-18\(A\)](#) [Proposed Amendments to Groundwater Quality \(35 Ill. Adm. Code 620\) For 35 Ill. Adm. Code 811, 814 \(Public Water Supply\)](#) – The Board denied the National Waste and Recycling Association’s motion for a 30-day continuance of the August 12, 2025 hearing. However, the Board extended the deadline for pre-filing testimony by 14 days to July 25, 2025.

[R25-12](#) [RCRA Subtitle C \(Hazardous Waste\) Update, USEPA Amendments \(July 1, 2024 through December 31, 2024\) \(Land\)](#) – The Board adopted an order extending the due date for final action to July 26, 2026.



[R25-25](#)

Amendments to 35 Ill. Adm. Code 219, Organic Material Emission Standards for the Metro East Area (Air) – On June 12, 2025, the Illinois Environmental Protection Agency (IEPA) filed a proposal to amend Part 219 of the Board’s air pollution regulations (35 Ill. Adm. Code 219). Part 219 addresses emissions of volatile organic materials (VOM) from specified categories of stationary sources in the Metro East area. In this order, the Board found that IEPA’s rulemaking proposal meets the requirements of the Environmental Protection Act and Board’s procedural rules. The Board therefore accepted the proposal for hearing. Also, without commenting on the proposal’s substantive merits, the Board submitted the proposal 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) – After weighing the appropriate factors, the Board denied MWG’s motion to stay the Board’s final order pending appeal. The Board also denied MWG’s alternative request to stay its obligation to pay statutory program fees as beyond the Board’s authority.

[AS 21-5](#)

Petition of Electric Energy, Inc. for a Finding of Inapplicability or, in the Alternative, an Adjusted Standard from 35 Ill. Adm. Code Part 845 (Land, CCR) – The Board granted EEI an adjusted standard, subject to conditions, for the Joppa West Ash Pond, a coal combustion residual or “CCR” surface impoundment at EEI’s Joppa Power Plant in Massac County. The adjusted standard expires on June 26, 2032.

ADMINISTRATIVE CITATIONS

[AC 25-5](#)

Illinois Environmental Protection Agency v. Mitchell A. Gray (Land) – After Gray failed to timely file a petition to contest this administrative citation, the Board found that he violated Sections 21(p)(1), 21(p)(7), and 55(k)(1) of the Environmental Protection Act (415 ILCS 5/21(p)(1), 21(p)(7), 55(k)(1) (2024)), as alleged. Because there were three violations, the Board ordered Gray to pay a total civil penalty of \$4,500, reflecting the statutory penalty of \$1,500 per violation.

ADJUDICATORY CASES

[PCB 13-72](#)

People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board denied Petco’s motion to reconsider the Board’s March 6, 2025 order in which the Board denied Petco’s motion to certify a question for interlocutory appeal.

[PCB 23-135](#)

INEOS Joliet, LLC v. Illinois Environmental Protection Agency (Thermal Demonstration) – Under 33 U.S.C. § 1326(a), 35 Ill. Adm. Code 304.141(c), and 35 Ill. Adm. Code 106.Subpart K, the Board granted INEOS alternative thermal effluent limitations or “ATELs,” subject to conditions, for discharges to the Upper Dresden Island Pool from INEOS’ Channahon facility in Will County.



[PCB 25-14](#) People of the State of Illinois v. Imperial Zinc Corp. (Air – Enforcement) – In this enforcement action concerning Imperial Zinc’s secondary zinc processing facility 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) (2024)), accepted a stipulation and proposed settlement, and ordered Imperial Zinc to pay an \$87,000 civil penalty and to cease and desist from further violations..

[PCB 25-48](#) People of the State of Illinois v. Macy’s Retail Holdings, LLC. (Air – Enforcement) – In this enforcement action concerning Macy’s boiler plant 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) (2024)), accepted a stipulation and proposed settlement, and ordered Macy’s to pay an \$8,000 civil penalty and to cease and desist from further violations.

[PCB 25-64](#) People of the State of Illinois v. 380 South Elgin, LLC (Air – Enforcement) – The Board accepted for hearing the People’s complaint concerning a gas station in Kane County.

[PCB 25-65](#) People of the State of Illinois v. A.S.C. Recycling, Inc. d/b/a Auto Salvage Co. (Water, NPDES – Enforcement) – The Board accepted for hearing the People’s complaint concerning an automobile salvage facility in LaSalle County.

[PCB 25-66](#) Steffes Farm v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Steffes Farm’s livestock waste management facilities in Jo Daviess County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).ons.

[PCB 25-67](#) Eleanor Basehoar v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Basehoar’s livestock waste management facilities in Peoria County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).

July 10, 2025 Regular Meeting
By videoconference in Chicago and Springfield

RULEMAKING

[R25-22](#) Standards for Universal Waste Management (35 Ill. Adm. Code Parts 703, 720, 721, 724, 725, 728, and 733) (Land) – The Board adopted a second-notice proposal to amend its universal waste regulations.

[R25-23](#) Amendments to 35 Ill. Adm. Code Parts 101, 310, 502, 620, 704, 721, 733, 739, 742, 807, 811, 840, 848, 1010, and 1501 (Administrative) – The Board adopted a second-notice proposal to update the address of the Illinois Environmental Protection Agency as it appears in the Board’s substantive environmental regulations and general procedural rules.



ADJUDICATORY CASES

- PCB 25-63** Aqua Illinois, Inc. v. Illinois Environmental Protection Agency (Public Water Supply – Permit Appeal) – Because Aqua Illinois failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.
- PCB 25-68** People of the State of Illinois v. Advanced Web Technologies Illinois, Inc. (Air, CAAPP – 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 Advanced Web’s flexographic printing facility in Kane County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.
- PCB 26-1** BP Products North America, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to October 6, 2025.
- PCB 26-2** GBL Properties, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend the appeal period to September 18, 2025.
- PCB 26-3** People of the State of Illinois v. Franklin Discount Tires, Inc. (Land – Enforcement) – The Board accepted for hearing the People’s complaint concerning Franklin Discount Tires’ tire store in Cook County.
- PCB 26-4** Heartland Recycling, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to October 30, 2025.



ADJUSTED STANDARD DETERMINATIONS

Section 28.1(d)(3) of the Environmental Protection Act (Act) (415 ILCS 5/28.1(d)(3) (2022)) requires the Board to publish in the *Environmental Register* a listing of all Board determinations made under Section 28.1 of the Act, which concerns adjusted standards.

**Final Determinations Made by the Pollution Control Board
Under Section 28.1 of the Environmental Protection Act
During Fiscal Year 2025 (July 1, 2024 through June 30, 2025)**

Docket	Final Determination
<u>Petition of Ameren Energy Medina Valley Cogen, LLC for Adjusted Standards from 35 Ill. Adm. Code Part 845 (Hutsonville D)</u> , AS 21-7	On July 11, 2024, for Pond D at Hutsonville Power Station in Crawford County, the Board granted Ameren Energy Medina Valley Cogen, LLC an adjusted standard from specified permitting, closure, and post-closure care requirements of the Board’s standards for the disposal of coal combustion residuals in surface impoundments (35 Ill. Adm. Code 845), subject to conditions.
<u>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)</u> , AS 21-3	On March 20, 2025, regarding a 10-acre site at Waukegan Station in Lake County, the Board denied Midwest Generation LLC’s petition for an adjusted standard from the applicability provision of the Board’s standards for the disposal of coal combustion residuals in surface impoundments (35 Ill. Adm. Code 845).
<u>Petition of Electric Energy, Inc. for a Finding of Inapplicability or, in the Alternative, an Adjusted Standard from 35 Ill. Adm. Code Part 845</u> , AS 21-5	On June 26, 2025, for the Joppa West Ash Pond at the Joppa Power Plant in Massac County, the Board granted Electric Energy, Inc. a seven-year interim adjusted standard from the Board’s standards for the disposal of coal combustion residuals in surface impoundments (35 Ill. Adm. Code 845), subject to conditions.



CALENDAR

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

Thursday, August 7, 2025 (11:00 AM)

Board meeting by videoconference

Michael A. Bilandic Building, 160 N. LaSalle St., Room C-500, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Tuesday, August 12, 2025 (9:00 AM)

Hearing by videoconference: Proposed Amendments to Groundwater Quality (35 Ill. Adm. Code 620), docket R22-18(A)

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

Thursday, August 21, 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, September 4, 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, September 18, 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, October 2, 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, October 16, 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](#).



CLASS III SPECIAL RESOURCE GROUNDWATER— DEDICATED NATURE PRESERVES

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ANNUAL LISTING OF ALL DEDICATED NATURE PRESERVES



NAME	COUNTY(IES)	PROPOSED LISTING	FINAL Environmental Register Listing
PARKER FEN	McHenry	September 1998	January 1999
FOGELPOLE CAVE	Monroe	May 2003	August 2003
STEMLER CAVE	St. Claire and Monroe	May 2005	August 2005
BOONE CREEK FEN	McHenry	November 2004	March 2005
PAUTLER CAVE	Monroe	May 2005	August 2005
BRAIDWOOD DUNES AND SAVANNA	Will	December 2009	May 2010
ELIZABETH LAKE	McHenry	December 2009	May 2010
ILLINOIS BEACH	Lake	December 2009	May 2010
LAKE IN THE HILLS FEN	McHenry	December 2009	May 2010
LOCKPORT PRAIRIE	Will	December 2009	May 2010
ROMEVILLE PRAIRIE	Will	December 2009	May 2010
VOLO BOG	Lake	December 2009	May 2010
ARMIN KRUEGER SPELEOLOGICAL	Monroe	December 2009	May 2010
BLUFF SPRING FEN	Cook	December 2009; Revised October 2019	May 2010; Final Revised Listing July 2020
GEORGE B FELL	Ogle	April 2012	July 2012
GOOSE LAKE PRAIRIE	Grundy	April 2012	July 2012
SPRING GROVE FEN	McHenry	April 2012	July 2012
GLADSTONE FEN	McHenry	April 2012	July 2012
TROUT PARK	Cook and Lake	April 2012	July 2012
COTTON CREEK MARSH	McHenry and Lake	April 2012	July 2012
SANDRIDGE	Cook	March 2013	June 2013
SEARLS PARK	Winnebago	March 2013	June 2013
YONDER PRAIRIE	McHenry	March 2013	June 2013
MOEWS DORE SEEP	Putnam	August 2017	February 2018
LONG RUN SEEP	Will and Cook	August 2017	February 2018
APPLE RIVER CANYON	Jo Daviess and Stephenson	August 2017	February 2018
BARBER FEN	McHenry	October 2018	April 2019
BENNETT'S TERRAQUEOUS GARDENS AND FON DU LAC SEEP	Tazewell	October 2018	April 2019
CRANBERRY SLOUGH	Cook	October 2018	April 2019
MCPAHON WOODS AND FEN	Cook	October 2018	April 2019



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

July 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	ONLY ONE WELL	565	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
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
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
CENTRAL MACOUPIN RURAL WATER DISTRICT	IL1170040	5	MINIMUM CHLORINE RESIDUAL VIOLATION	1883	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	1267	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	720	12/29/2021
COOKSVILLE*	IL1130400	4	TOTAL TRIHALOMETHANES MCL VIOLATION AND HALOACETIC ACIDS MCL VIOLATION	157	5/1/2025

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

July 2025

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
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
DAYSRING BIBLE COLLEGE (north area)	IL0977189	2	INADEQUATE PRESSURE TANK	52	6/15/1988
DES PLAINES MHP**	IL0317775	2	INADEQUATE SOURCE CAPACITY; NO GROUND OR ELEVATED STORAGE; AND A GROSS ALPHA MCL VIOLATION	405	3/16/1984 & 8/26/2022
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	1320	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	174	6/30/2021
HIGHLAND SUBDIVISON	IL0895530	2	INADEQUATE PRESSURE TANK	40	9/16/1983
HILLCREST	IL1410250	1	INADEQUATE SOURCE CAPACITY	1224	2/13/2018
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	1184	10/1/2003



INGALLS PARK SUBDIVISION	IL1975880	2	NO ELEVATED OR GROUND STORAGE	744	9/16/1983
LAKE BLUFF ESTATES MHP**	IL0975585	2	INADEQUATE PRESSURE TANK	165	12/16/1983
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

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

July 2025

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
LIBERTY PARK HOMEOWNERS' ASSOCIATION	IL0435600	2	INADEQUATE GROUND STORAGE CAPACITY	950	9/17/1992
LINWAY ESTATES MHP	IL0315935	2	NO ELEVATED OR GROUND STORAGE	380	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
NEW HAVEN	IL0590150	7	ONLY ONE WELL	424	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 HIGH SERVICE PUMP CAPACITY AND ONLY ONE WELL	80	12/15/1989 & 5/2/2025
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
PRAIRIE PATH WATER - BAHL WATER COMPANY	IL0855200	1	NO ELEVATED OR GROUND STORAGE	700	12/15/1993
PRAIRIE PATH WATER - WALK-UP WOODS WATER COMPANY	IL1115800	2	NO ELEVATED OR GROUND STORAGE	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
RIO	IL0950450	5	NSF/ANSI STANDARD 60 VIOLATION	265	11/3/2023
ROYAL OAKS MHP	IL1115145	2	INADEQUATE PRESSURE TANK	170	6/17/1983



SCALES MOUND	IL0850400	1	LOW SYSTEM PRESSURE (at elev. above 990 ft. MSL)	436	9/15/1997
SECOR	IL2030600	1	ARSENIC MCL VIOLATION	351	11/8/2023
SENECA MOBILE HOMES LLC	IL0995425	1	INADEQUATE PRESSURE TANK AND COMBINED RADIUM MCL VIOLATION	10	9/17/1982 & 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

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

July 2025

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
SOUTH JACKSONVILLE	IL1370400	5	INADEQUATE SOURCE CAPACITY	3508	8/19/2022
SOUTH PEKIN	IL1790650	5	MANGANESE MCL VIOLATION	1146	1/19/2022
SPIN LAKE HOMEOWNERS' ASSOCIATION	IL1135140	4	NITRITE MCL VIOLATION	200	10/1/2021
SPRING VALLEY	IL0111000	1	ONLY ONE WELL	5582	11/1/2024
STEELEVILLE	IL1570650	6	COMBINED RADIUM MCL VIOLATION	1930	10/23/2024
STONETOWN EDGEWOOD TERRACE LLC	IL1795345	5	INADEQUATE CHLORINE RESIDUAL	248	10/28/2022
STRONGHURST*	IL0710400	5	INADEQUATE SOURCE CAPACITY	950	5/1/2025
SUNNY HILLS ESTATES SUBDIVISION	IL0735300	1	INADEQUATE PRESSURE TANK	525	6/15/2000
SUNNYLAND SUBDIVISION	IL1977730	2	INADEQUATE SOURCE CAPACITY	300	6/12/2018
SWEDONA WATER ASSOCIATION	IL1315200	1	INADEQUATE PRESSURE TANK	109	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 VIOLATION & HALOACETIC ACID MCL VIOLATION	738	5/27/2020
WALTONVILLE	IL0810400	7	LOW SYSTEM PRESSURE AND NOT MEETING STORAGE, PUMPING, AND EMERGENCY GENERATOR REQUIREMENTS	1901	5/25/2022
WENONA	IL1234950	1	COMBINED RADIUM MCL VIOLATION	979	1/23/2025
WESTFIELD	IL0230200	4	NO OPTIMAL CORROSION CONTROL TREATMENT	678	2/16/2022
WILLOWAY TERRACE MHP	IL0317595	2	NO ELEVATED OR GROUND STORAGE & INADEQUATE SOURCE CAPACITY	900	6/15/1984
WOOD DALE ESTATES	IL0437245	2	INADEQUATE PRESSURE TANK	145	6/17/1983
WOODLAND	IL0751000	4	INADEQUATE SOURCE CAPACITY	319	7/15/2022



Illinois Environmental Protection Agency
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SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
AIR VIEW MHP	IL1615185	1	ONLY ONE WELL	200	8/7/2020
ALEXIS	IL1874000	5	INADEQUATE SOURCE CAPACITY	836	10/16/2024
ANCHOR	IL1130050	4	ONLY ONE WELL	155	8/28/2020
AQUA ILLINOIS - HIGHLAND ESTATES	IL0915220	2	ONLY ONE WELL	171	1/13/2021
AQUA ILLINOIS - INDIANOLA	IL1830500	4	ONLY ONE WELL	224	12/11/2020
AQUA ILLINOIS - SKYLINE	IL0915450	2	ONLY ONE WELL	249	1/8/2021
AQUA ILLINOIS - SUN RIVER TERRACE	IL0910720	2	ONLY ONE WELL	498	1/13/2021
BEAVER CREEK VILLAGE MHP	IL0755125	4	ONLY ONE WELL	13	1/6/2021
BROWNING	IL1690050	5	ONLY ONE WELL	117	12/2/2020
BUFFALO HOLLOW FARMS WATER ASSOCIATION	IL1430080	5	ONLY ONE WELL	45	7/22/2020
BUSY BEE MHP #1	IL1975195	2	ONLY ONE WELL	25	12/4/2020
CAMP GROVE	IL1235100	1	ONLY ONE WELL	100	6/24/2020
CANTON	IL0570250	5	INADEQUATE TREATMENT CAPACITY	16748	3/15/2007
CAPRON MHP	IL0075105	1	ONLY ONE WELL	90	1/27/2021
CARBON HILL	IL0630100	2	INADEQUATE TREATMENT CAPACITY	345	12/14/2016
CARROLL HEIGHTS UTILITIES COMPANY	IL0155200	1	ONLY ONE WELL	80	1/27/2021
CARTHAGE	IL0670250	5	ONLY ONE WELL	2605	4/11/2023
CEDAR BROOK ESTATES SUBDIVISION	IL1615170	1	ONLY ONE WELL	250	8/7/2020
CEDAR POINT WATER COMPANY	IL0995040	1	ONLY ONE WELL	266	8/26/2020
CENTURY PINES APARTMENTS	IL0150020	1	ONLY ONE WELL	25	1/27/2021
CHAIN-O-LAKES MHP	IL0975165	2	ONLY ONE WELL	84	8/28/2020
CHERRYDALE SUBDIVISION	IL1615120	1	ONLY ONE WELL	63	8/5/2020
CHIGAKWA PARK ESTATES	IL1615140	1	ONLY ONE WELL	53	8/7/2020
CLARKS MHP	IL2015425	1	ONLY ONE WELL	90	12/4/2020
COAL CITY	IL0630200	2	INADEQUATE TREATMENT CAPACITY	5749	12/14/2016
COLONIAL MEADOWS	IL1135100	6	ONLY ONE WELL	190	9/26/2020
COUNTRY LANE MHP	IL1135385	4	ONLY ONE WELL	50	6/24/2020
COUNTRY VIEW ESTATES MHP	IL0195625	4	ONLY ONE WELL	97	1/27/2021
COUNTRY VIEW ESTATES SUBDIVISION	IL1415220	1	ONLY ONE WELL	125	7/15/2020
DE WITT	IL0390100	4	ONLY ONE WELL	175	1/27/2021
DIXIE ESTATES SUBDIVISION	IL1975520	2	ONLY ONE WELL	180	12/9/2020
DONNY BROOK ESTATES	IL0375150	1	ONLY ONE WELL	30	1/27/2021
EAST END WATER ASSOCIATION	IL1610140	1	ONLY ONE WELL	40	7/31/2020
EAST LAWN WATER ASSOCIATION	IL1615100	1	ONLY ONE WELL	160	8/5/2020
EAST LYNN COMMUNITY WATER SYSTEM	IL1835200	4	ONLY ONE WELL	100	12/11/2020
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 CAPACITY	785	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



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SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
FOUNTAIN WATER DISTRICT	IL1330020	6	INADEQUATE SOURCE CAPACITY & INADEQUATE 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 ASSOCIATION	IL0935150	2	ONLY ONE WELL	167	1/13/2021
FRENTRESS LAKE	IL0850010	1	ONLY ONE WELL	233	1/8/2021
GARDEN STREET IMPROVEMENT ASSOCIATION	IL1975376	2	ONLY ONE WELL	54	12/9/2020
GENESEO HICKORY HILLS HOA	IL0730080	1	ONLY ONE WELL	93	8/12/2020
GREEN ACRES MHP	IL1035165	1	ONLY ONE WELL	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 SUBDIVISION	IL0895530	2	ONLY ONE WELL	40	1/8/2021
HILLCREST	IL1410250	1	INADEQUATE STORAGE CAPACITY	1224	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	138	8/14/2020
INDIAN CREEK HOMEOWNERS AND WATER 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
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 CAPACITY	9700	11/1/2004
LINDENWOOD WATER ASSOCIATION	IL1415300	1	ONLY ONE WELL	38	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



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LYNNWOOD WATER CORPORATION	IL0995336	1	ONLY ONE WELL	100	8/26/2020
LYNWOOD 3RD ADDITION	IL0735280	1	ONLY ONE WELL	100	1/6/2021
M C L W SYSTEM, INC.	IL1315150	1	ONLY ONE WELL	98	7/10/2020
MACOMB	IL1090350	5	INADEQUATE CLARIFIER CAPACITY	15052	12/14/2016
MAEYSTOWN	IL1330200	6	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	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 CAPACITY	2558	1/1/2006
MAYFAIR SUBDIVISION	IL1795750	5	ONLY ONE WELL	90	12/11/2020
MAZON	IL0630500	2	NEAR A MANGANESE MCL 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	438	1/8/2021
NORTH HENDERSON	IL1310300	1	ONLY ONE WELL	172	7/2/2020
OAK GROVE MHP - ROCK ISLAND COUNTY	IL1617785	1	ONLY ONE WELL	138	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' ASSOCIATION	IL0630060	2	ONLY ONE WELL	107	1/29/2021
PRAIRIE PATH WATER - CAMELOT	IL1975200	2	ONLY ONE WELL	777	12/9/2020
PRAIRIE PATH WATER - CEDAR WATER	IL0955150	5	ONLY ONE WELL	172	1/13/2021
PRAIRIE PATH WATER - CHERRY HILL WATER COMPANY	IL1975280	2	ONLY ONE WELL	833	12/9/2020
PRAIRIE PATH WATER - PORT BARRINGTON SHORES	IL0971120	2	ONLY ONE WELL	67	8/26/2020
PRAIRIE PATH WATER - ROCKVALE	IL1415350	1	ONLY ONE WELL PER DISTRIBUTION SYSTEM	298	10/10/2024
RAINBOW LANE MHP	IL2015645	1	ONLY ONE WELL	83	12/4/2020
RAINBOW RIDGE	IL1615580	1	ONLY ONE WELL	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



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SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
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 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 RIDGE SUBDIVISION	IL0735470	1	ONLY ONE WELL	90	1/6/2021
TISKILWA	IL0111050	1	INADEQUATE STORAGE CAPACITY	740	9/20/2017
TOWER RIDGE SUBDIVISION	IL1615780	1	ONLY ONE WELL	77	11/20/2020
VALLEY VIEW MANOR	IL0195865	4	ONLY ONE WELL	120	1/27/2021
VALMEYER	IL1330250	6	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	1263	5/21/2024
VAN ORIN WATER COMPANY	IL0115000	1	ONLY ONE WELL	100	1/27/2021
VICTORIA	IL0950550	5	ONLY ONE WELL	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 CAPACITY	2313	10/1/2012
WINDCREST SUBDIVISION	IL0730040	1	ONLY ONE WELL	40	1/29/2021
WINDING CREEK ESTATES	IL1615850	1	ONLY ONE WELL	120	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

ASSUMPTION
 BLACKHAWK ESTATES LLC
 CARBONDALE
 HIGHLAND LAKE WATER COMPANY
 KINGSTON
 LICK CREEK PWD
 MONMOUTH
 MOUNT ZION
 NORTH HAZELWOOD SUBDIVISION
 TIMBER BROOK ESTATES



***WATER SYSTEMS ADDED**

COOKSVILLE
STRONGHURST

****WATER SYSTEM UPDATES**

DES PLAINES MHP (nature of problem change)
LAKE BLUFF ESTATES MHP (name change)
OSCO MUTUAL WATER SUPPLY COMPANY, INC (nature of problem change)
REDDICK (removed from restricted status, still on critical review)
PRAIRIE PATH WATER - CEDAR WATER (name change)



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

2520 WEST ILES AVENUE, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
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

PLEASE PRINT ON RECYCLED PAPER



- 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 NH₄⁺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_{HED}) of 1.27 mg/kg-day was then derived for oral PFBA exposure.

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

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

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

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

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

Rounded to one significant digit:

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

Using the RfD of 0.001 (1E-3) mg/kg-day, and the procedures outlined in Section 620. Appendix A, the recommended guidance level for drinking water is 0.0038 milligrams per liter (mg/L), or 3,800 nanograms per liter (ng/L) or parts per trillion (ppt).

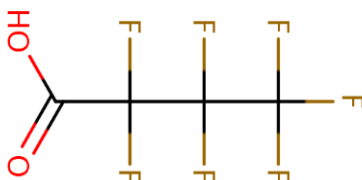


CHEMICAL CHARACTERISTICS AND POTENTIAL ADVERSE HEALTH EFFECTS

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 20th 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.

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:

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

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

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

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.

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**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_{5RD}) of 10.62 mg/kg-day was identified and used as the point of departure (POD). A human equivalent dose POD (POD_{HED}) 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_{HED}.



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).

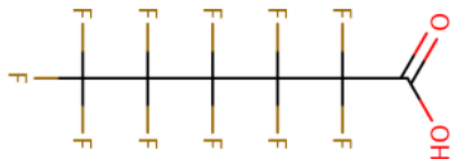
CHEMICAL CHARACTERISTICS **AND** **POTENTIAL ADVERSE HEALTH EFFECTS**

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 20th 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

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.

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HEALTH ADVISORY SUMMARY LIST

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Office of Toxicity Assessment



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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HEALTH ADVISORY SUMMARY LIST

Prepared by:
Office of Toxicity Assessment
Illinois Environmental Protection Agency
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 ¹	Chemical	Statewide Health Advisory Guidance Level (ng/L)	Health Advisory Issuance Date
307-24-4	Perfluorohexanoic acid (PFHxA)	1,900 ²	April 11, 2025
375-22-4	Perfluorobutanoic acid (PFBA)	3,800 ³	April 11, 2025

¹ CASRN = Chemical Abstract Services Registry Number

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1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
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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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- ² 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.
- ³ 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.

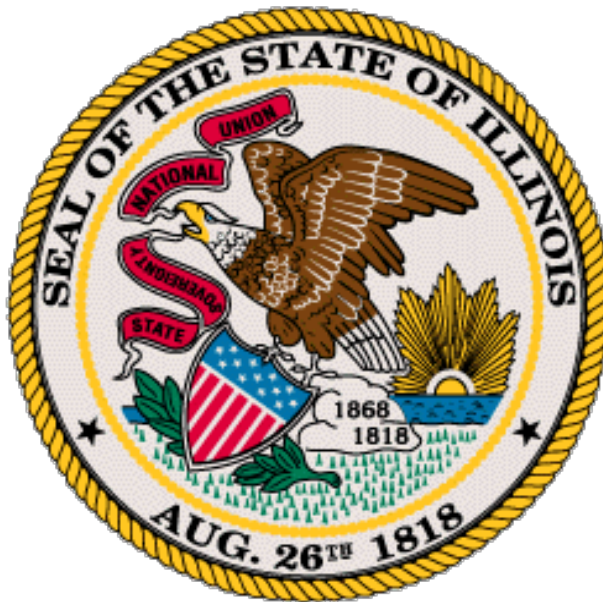
On March 20, 2025, the Illinois Pollution Control Board adopted final amendments to Part 620, and on April 11, 2025, the amendments were published in the Illinois Register. The adoption of final amendments to Part 620 included establishing standards under Section 620.410 for PFAS analytes including *Perfluorobutanesulfonic 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

July 2025

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