



# ENVIRONMENTAL REGISTER

October 16, 2024 – Number 771

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A PUBLICATION OF THE ILLINOIS POLLUTION CONTROL BOARD

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## BOARD MEMBERS

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

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

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# CHAIR'S UPDATE

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In this issue of the *Environmental Register*, I highlight recently held and upcoming public hearings of the Board for rulemakings and adjudicatory cases.

On September 26, 2024, the Board held the first of two scheduled hearings on an Illinois Environmental Protection Agency rulemaking proposal to amend the Board's Part 217 air pollution rules (35 Ill. Adm. Code 217). The proposed amendments concern major stationary sources of nitrogen oxides or "NO<sub>x</sub>" emissions. The second hearing will be held by videoconference on November 21, 2024, between Chicago and Springfield. Here is a link to this rulemaking's docket, [Amendments to 35 Ill. Adm. Code 217, R25-17](#), where you can find the first hearing's transcript and specific information about the second hearing.

On October 3, 2024, the Board held the first of two scheduled hearings in a rulemaking to non-substantively amend all the Board's air pollution rules. The proposal removes unnecessary language, replaces outdated text, updates statutory references, and reorganizes provisions for clarity. The first hearing was held in Springfield. The second hearing will be held in Chicago on November 7, 2024. For more information about this rulemaking, here is a link to its docket, [35 Ill. Adm. Code Subtitle B, R18-21](#).

On October 7, 2024, the Board held a hearing in a citizens' noise enforcement action concerning a Belleville, St. Clair County restaurant and bar hosting live music events. The hearing will continue November 6, 2024, in Springfield. Here is a link to the case's docket, [Doug and Geri Boyer v. MRB Development, LLC d/b/a Copper Fire; Renae Eichholz; and Mark Eichholz, PCB 22-9](#). In another adjudicatory case, [Prairie State Generating Company, LLC v. Illinois Environmental Protection Agency, PCB 25-11](#), the Board has a hearing scheduled for October 29, 2024, in Nashville, Washington County. This case concerns the Illinois Environmental Protection Agency's alleged failure to act on Prairie State Generating Company's Clean Air Act Permit Program or "CAAPP" permit application for the company's coal-fired power generation facility in Marissa, Washington County.

In an identical-in-substance rulemaking on National Ambient Air Quality Standards (NAAQS), the Board will hold a hearing by videoconference between Chicago and Springfield on November 7, 2024. The Board has proposed amendments to its rules that would, among other things, adopt the United States Environmental Protection Agency's revision of the primary annual NAAQS for fine particulate matter or "PM<sub>2.5</sub>". For more information about this rulemaking, here is a link to its docket, [National Ambient Air Quality Standards \(NAAQS\) Update, USEPA Amendments \(January 1, 2024 through June 30, 2024\), R25-7](#).

Lastly, the Board has a hearing scheduled for December 2 and 3, 2024, in a rulemaking proposed by Sierra Club, Natural Resources Defense Council, Environmental Defense Fund, Respiratory Health Association, Chicago Environmental Justice Network, and Center for Neighborhood Technology. The groups propose that the Board adopt three California motor vehicle emissions regulations addressing light-, medium-, and heavy-duty vehicles. The hearing will be held by videoconference between Chicago and Springfield. Here is a link to this rulemaking's docket,



[Proposed Clean Car and Truck Standards: Proposed 35 Ill. Adm. Code 242, R24-17](#), where you can find specific information about the hearing.

Sincerely,



Barbara Flynn Currie  
Chair



# RULEMAKING UPDATE

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## **Board Proceeds to First Notice with IEPA's Proposed NO<sub>x</sub> Emission Amendments**

On July 8, 2024, the Illinois Environmental Protection Agency (IEPA) filed a proposal to amend the Board's Part 217 air pollution rules (35 Ill. Adm. Code 217). The proposed amendments concern major stationary sources of nitrogen oxides (NO<sub>x</sub>) emissions in areas designated as nonattainment for the 2015 eight-hour ozone National Ambient Air Quality Standard (NAAQS).

On July 11, 2024, the Board issued an order accepting IEPA's proposal for hearing and granting IEPA's motion for expedited review. IEPA sought expedited review so it would have enough time to submit a complete State Implementation Plan (SIP) to the United States Environmental Protection Agency before mandatory Clean Air Act sanctions are triggered against the State of Illinois. Accordingly, the Board proceeded with first-notice publication of IEPA's proposal, without commenting on its substantive merits. The Board also directed its hearing officer to proceed expeditiously to hearing. Here is the link to the Board's [first-notice order](#), which includes the text of the proposed amendments.

In turn, the Board's hearing officer scheduled two public hearings. The first hearing was held by videoconference on September 26, 2024, between Edwardsville and Springfield. The second hearing will be held by videoconference on November 21, 2024, between Chicago and Springfield. For more specific hearing information, including the second hearing's deadlines for pre-filing testimony and questions, here is a link to the hearing officer's July 30, 2024 [notice and order](#).

The rulemaking is captioned [Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions](#), docket R25-17. For more information, please contact Daniel Pauley at 312-814-6931 or [daniel.pauley@illinois.gov](mailto:daniel.pauley@illinois.gov).

## **Board Goes to Second Notice with Alternative Standards for Startup, Shutdown, Breakdown, and Malfunction**

On July 11, 2024, for review by the Joint Committee on Administrative Rules (JCAR), the Board proposed second-notice amendments to establish alternative emission limits for periods of startup, shutdown, breakdown, and malfunction. The proposal would amend four Parts of the Board's air pollution rules, *i.e.*, Parts 212, 215, 216, and 217 (35 Ill. Adm. Code 212, 215, 216, 217).

During this rulemaking, the Board held three public hearings and received numerous public comments, including from the Illinois Attorney General's Office and the Illinois Environmental Protection Agency. The second-notice proposal is generally based on four rulemaking proposals separately filed by (1) Rain CII Carbon LLC; (2) Dynegy Midwest Generation LLC, Illinois Power Generating Company, Kincaid Generation, LLC, and Midwest Generation LLC; (3) American Petroleum Institute; and (4) East Dubuque Nitrogen Fertilizers LLC. In response to



comment and testimony, the Board made many changes to the first-notice proposal. JCAR is expected to consider the second-notice proposal at its August 14, 2024 meeting.

The rulemaking is captioned Amendments to 35 Ill. Adm. Code Parts 201, 202, and 212, docket R23-18(A). 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 Chloe Salk at 312-814-3932 or [chloe.salk@illinois.gov](mailto:chloe.salk@illinois.gov).

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

On July 11, 2024, for public comment, the Board proposed amendments to keep Illinois' hazardous waste regulations “identical in substance” to the federal regulations. The proposed amendments reflect actions taken by the United States Environmental Protection Agency (USEPA) in the second half of calendar year 2023. During this timeframe, USEPA made technical revisions to correct or clarify regulations adopted as part of the Hazardous Waste Generator Improvements rule, the Hazardous Waste Pharmaceuticals rule, and the Definition of Solid Waste rule. USEPA also made other minor corrections, clarifications, and updates to its hazardous waste regulations.

In all, the Board proposed amendments to six Parts of Title 35: Parts 720, 721, 722, 724, 725, and 726 (35 Ill. Adm. Code 720, 721, 722, 724, 725, 726). The Board anticipates adopting final amendments in October 2024.

The Board's rulemaking is captioned RCRA Subtitle C Update, USEPA Amendments (July 1, 2023 through December 31, 2023), docket R24-12. Here are links to the Board's (1) [opinion and order](#) and (2) [addendum](#), which includes the text of the proposed amendments. For more information, please contact Joan Beacom at 312-814-6924 or [joan.beacom2@illinois.gov](mailto:joan.beacom2@illinois.gov).

### **Board Proposes First-Notice Amendments in Coal Ash Sub-Docket**

On August 22, 2024, the Board issued an order proposing amendments to 35 Ill. Adm. Code 845 for first notice. The Board had opened this sub-docket when it adopted new Part 845, Illinois' first Statewide standards for the disposal of coal combustion residuals (CCR) in surface impoundments. The sub-docket was established to further explore four issues: (1) historic, unconsolidated coal ash fill in the State; (2) the use of temporary storage piles of coal ash, including time and volume limits; (3) fugitive dust monitoring plans for areas surrounding CCR surface impoundments; and (4) the use of environmental justice screening tools.

In its first-notice order, the Board's proposed amendments concern temporary storage piles and fugitive dust. The Board also directed the Illinois Environmental Protection Agency to file a rulemaking proposal by May 5, 2025, that incorporates new federal rules involving the disposal of historic, unconsolidated CCR. Finally, the Board opened a rulemaking docket to consider adopting an environmental justice procedural rule.

This sub-docket rulemaking is captioned Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments: Proposed New 35 Ill. Adm. Code 845, docket R20-19(A).



Here are links to the Board’s (1) [first-notice opinion and order](#) and (2) [first-notice addendum](#), which includes the text of the proposed amendments. For more information, please contact Vanessa Horton at 312-814-5053 or [vanessa.horton@illinois.gov](mailto:vanessa.horton@illinois.gov).

### **Board Adopts Alternative Standards for Startup, Shutdown, Breakdown, and Malfunction**

On August 22, 2024, the Board amended its air pollution rules by adopting alternative emission limits for periods of startup, shutdown, breakdown, and malfunction. These amendments to 35 Ill. Adm. Code 212, 215, 216, and 217 are generally based on four rulemaking proposals separately filed by (1) Rain CII Carbon LLC; (2) Dynegy Midwest Generation LLC, Illinois Power Generating Company, Kincaid Generation, LLC, and Midwest Generation LLC; (3) American Petroleum Institute; and (4) East Dubuque Nitrogen Fertilizers LLC.

During this rulemaking, the Board held three public hearings and received numerous public comments, including from the Illinois Attorney General’s Office and the Illinois Environmental Protection Agency. At its August 14, 2024 meeting, the Joint Committee on Administrative Rules issued a “Certification of No Objection” to the Board’s proposed second-notice amendments, subject to a handful of non-substantive changes, all of which the Board included in the final amendments.

The rulemaking is captioned Amendments to 35 Ill. Adm. Code Parts 201, 202, and 212, docket R23-18(A). Here is a link to the Board’s [final opinion and order](#), which includes the text of the adopted amendments. For more information, please contact Chloe Salk at 312-814-3932 or [chloe.salk@illinois.gov](mailto:chloe.salk@illinois.gov).

### **Board Proposes “Identical-in-Substance” Amendments to Wastewater Pretreatment Rules**

On September 5, 2024, for public comment, the Board proposed amendments to Illinois’ wastewater pretreatment regulations. The proposed amendments are “identical in substance” to rule amendments adopted by the United States Environmental Protection Agency (USEPA) during the first half of 2024. Specifically, on May 9, 2024, USEPA updated the effluent limitations guidelines and standards (ELGs) for the steam electric power generating point source category.

Publication of the Board’s proposed amendments in the *Illinois Register* will start a period of at least 45 days during which anyone may file a public comment with the Board. In November of this year, the Board expects to adopt final amendments.

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



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

On September 5, 2024, the Board proposed amendments to keep Illinois’ ambient air quality standards “identical in substance” to the National Ambient Air Quality Standards (NAAQS). The amendments reflect two actions taken by the United States Environmental Protection Agency (USEPA) during the first half of 2024. First, USEPA revised the primary annual NAAQS for fine particulate matter (PM<sub>2.5</sub>) from 12.0 micrograms per cubic meter of air (12.0 µg/m<sup>3</sup>) to 9.0 µg/m<sup>3</sup>. USEPA set the more stringent standard due to human health effects associated with long- and short-term exposures to PM<sub>2.5</sub> in ambient air. Second, USEPA updated its *List of Designated Reference and Equivalent Methods*. This update modified existing method designations and designated a new Federal Equivalent Method (FEM) for measuring concentrations of ozone (O<sub>3</sub>) in ambient air.

Publication of the Board’s proposed amendments in the *Illinois Register* will start a period of at least 45 days during which anyone may file a public comment with the Board. The Board will hold a public hearing on November 7, 2024. In November of this year, the Board expects to adopt final amendments.

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

## Board Adopts Amendments to Administrative Rules

On September 5, 2024, the Board adopted amendments to its administrative rules at Part 2175 of Title 2 of the Illinois Administrative Code. The Board amended the rules to reflect, among other things, a recent change to the Open Meetings Act (5 ILCS 120/7(a) (2022)). The Open Meetings Act was amended so that a member of a public body could attend a meeting of that body by video or audio conference when the member is unable to physically attend the meeting because of “unexpected childcare obligations.” The Board added corresponding language to its rule that specifies the circumstances under which a Board Member may telephonically attend an open meeting of the Board.

The rulemaking is captioned Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175, docket R25-19. Here are links to the Board’s (1) [opinion and order](#) and (2) [addendum](#), which includes the text of the adopted amendments. For more information, please contact Vanessa Horton at 312-814-5053 or [vanessa.horton@illinois.gov](mailto:vanessa.horton@illinois.gov).





# BOARD ACTIONS

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## July 11, 2024 Regular Meeting

By videoconference in Chicago and Springfield

### RULEMAKINGS

[R23-18\(A\)](#) Amendments to 35 Ill. Adm. Code Parts 201, 202, and 212 (Air) – The Board adopted a second-notice proposal to amend the Board’s air pollution rules.

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

[R24-17](#) Proposed Clean Car and Truck Standards: New 35 Ill. Adm. Code 242 (Air) – On June 27, 2024, Sierra Club, Natural Resources Defense Council, Environmental Defense Fund, Respiratory Health Association, Chicago Environmental Justice Network, and Center for Neighborhood Technology proposed that the Board adopt a new Part 242 of its air pollution rules. The Board found that the proposal meets the requirements of the Board’s procedural rules and accepted the proposal for hearing.

[R25-17](#) Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions (Air) – On July 8, 2024, the Illinois Environmental Protection Agency (IEPA) filed a proposal to amend the Board’s Part 217 air pollution rules concerning nitrogen oxides or “NO<sub>x</sub>” emissions. The Board found that the proposal meets the requirements of the Board’s procedural rules and accepted the proposal for hearing. In addition, the Board granted IEPA’s motion for expedited review and therefore submitted the proposal for first-notice publication without commenting on its substantive merits. The Board also granted IEPA’s motion to waive the requirement to file specified documents. Finally, the Board directed its assigned hearing officer to proceed expeditiously to hearing.

### ADJUSTED STANDARDS

[AS 21-7](#) Petition of Ameren Energy Medina Valley Cogen, LLC for Adjusted Standards from 35 Ill. Adm. Code Part 845 (Hutsonville D) (Land) – Under Section 28.1 of the Environmental Protection Act (415 ILCS 5/28.1 (2022)), for Pond D at Hutsonville Power Station, the Board granted Ameren Energy Medina Valley Cogen, LLC an adjusted standard from the permitting requirements in 35 Ill. Adm. Code 845.170(a)(2) and the closure and post-closure care requirements in 35 Ill. Adm. Code 845.170(a)(3), subject to conditions.





## ADMINISTRATIVE CITATIONS

[AC 24-11](#) Illinois Environmental Protection Agency v. Fu Zang Long, LLC (Land) – The Board declined to accept Tahir Malik’s petition for review and denied Tahir Malik’s motion to intervene. After Fu Zang Long, LLC failed to timely file a petition to contest this administrative citation, the Board found that Fu Zang Long, LLC violated Section 55(k)(1) of the Environmental Protection Act (415 ILCS 5/55(k)(1) (2022)), as alleged. Because there was one violation of Section 55(k)(1), the Board ordered Fu Zang Long, LLC to pay a total civil penalty of \$1,500, reflecting the statutory penalty of \$1,500 per violation.

## ADJUDICATORY CASES

[PCB 24-4](#) People of the State of Illinois v. Kirk V. Feller and Feller Oilfield Service, Inc. (Land, Water – Enforcement) – In this enforcement action concerning a Fayette County oil field services, transportation, road-grading, and excavating company, 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 Kirk V. Feller and Feller Oilfield Service, Inc. to pay a \$50,000 civil penalty and to cease and desist from further violations.

[PCB 24-64](#) West Chicago Park District v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a DuPage County site.

[PCB 24-79](#) People of the State of Illinois v. Vantage Specialties, Inc. (Air – Enforcement) – Upon receiving a complaint, stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning Vantage Specialties’ Lake County chemical production facility, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice.

[PCB 24-80](#) People of the State of Illinois v. PetDine, LLC, f/k/a Pedigree Ovens, LLC (Air – Enforcement) – Upon receiving a complaint, stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning PetDine’s McHenry County pet treat manufacturing facility, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice.

[PCB 24-81](#) Marine Bank Springfield Trust #53-0051 v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Sangamon County site.

[PCB 25-1](#) ABP Properties, LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Ford County site.



**August 8, 2024 Regular Meeting**  
**By videoconference in Chicago and Springfield**

**RULEMAKINGS**

- [R25-2](#) UIC Update, USEPA Amendments (January 1, 2024 through June 30, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground injection control (UIC) regulations during the update period of January 1, 2024 through June 30, 2024.
- [R25-3](#) RCRA Subtitle D (Municipal Solid Waste Landfill) Update, USEPA Regulations (January 1, 2024 through June 30, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding municipal solid waste landfill (MSWLF) regulations during the update period of January 1, 2024 through June 30, 2024.
- [R25-4](#) RCRA Subtitle C (Hazardous Waste) Update, USEPA Regulations (January 1, 2024 through June 30, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding hazardous waste regulations during the update period of January 1, 2024 through June 30, 2024.
- [R25-5](#) UST Update, USEPA Regulations (January 1, 2024 through June 30, 2024) (Land) – The Board dismissed this reserved “identical-in-substance” docket because the United States Environmental Protection Agency did not amend its corresponding underground storage tank (UST) regulations during the update period of January 1, 2024 through June 30, 2024.
- [R25-8](#) Definition of VOM, USEPA Amendments (January 1, 2024 through June 30, 2024) (Air) – The Board dismissed this reserved “identical-in-substance” docket because, during the update period of January 1, 2024 through June 30, 2024, the United States Environmental Protection Agency did not amend its definition of “volatile organic compounds”, which corresponds to the Illinois definition of “volatile organic material” (VOM) in the Board’s air pollution control regulations.



## ADJUDICATORY CASES

- PCB 13-72** People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board granted, in part, the People’s motion to strike alleged affirmative and additional defenses in Petco’s answer to the People’s first amended complaint. As detailed in its order, the Board struck some defenses with prejudice and struck other defenses without prejudice. The Board also gave Petco leave to amend some defenses. In addition, the Board stated that it would later rule on striking one defense when it also rules on Petco’s motion to dismiss specified counts of the People’s first amended complaint. Finally, the Board denied the People’s motion to strike allegedly immaterial matter in Petco’s answer.
- PCB 22-9** Doug and Geri Boyer v. MRB Development d/b/a Copper Fire, Renae Eichholz, and Mark Eichholz (Noise – Enforcement, Citizen) – The Board granted respondents’ motion for summary judgment on the Boyers’ claim that respondents violated specified numeric sound emission standards. But the Board denied respondents’ motion for summary judgment on the Boyers’ claim that respondents violated the prohibition of nuisance noise pollution. The Board directed the hearing officer to proceed to hearing on the claim of nuisance noise pollution.
- PCB 23-112** People of the State of Illinois v. Inland-Frycek, Inc. (Land, Water – Enforcement) – Upon receiving a stipulation, a proposed settlement, and an agreed motion for relief from the hearing requirement in this enforcement action concerning a former Cook County gas station, the Board directed the Clerk to provide the required newspaper notice.
- PCB 23-115** People of the State of Illinois v. Jay Shri Ganesha Inc. d/b/a Shivam Energy, Inc. and d/b/a Marathon Gas (Air – Enforcement) – In this enforcement action concerning Jay Shri Ganesha Inc.’s Lake County gas station, 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 Jay Shri Ganesha Inc. to pay a \$5,000 civil penalty and to cease and desist from further violations.
- PCB 24-66** RCH Newco II, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted for hearing this permit appeal involving a hazardous waste landfill in Will County.



[PCB 24-76](#) People of the State of Illinois v. Village of Bedford Park (Public Water Supply – Enforcement) – In this enforcement action concerning the Village of Bedford Park’s public water supply in Cook County, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered Village of Bedford Park to pay a \$3,240 civil penalty and to cease and desist from further violations.

[PCB 24-78](#) PIA AvCenter LLC d/b/a Byerly Aviation v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Peoria County site.

[PCB 25-2](#) Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land – Permit Appeal) – The Board accepted for hearing this permit appeal involving a leachate evaporator at a Waste Management landfill in Whiteside County.

[PCB 25-3](#) Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to November 5, 2024.

[PCB 25-4](#) Midwest Generation, LLC v. Illinois Environmental Protection Agency (Land, CCR – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to November 5, 2024.

**August 22, 2024 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 (Sub-Docket A) (Land) – The Board adopted an order proposing amendments to the Part 845 rules on coal combustion residuals (CCR) for first-notice publication. The amendments concern temporary storage piles and fugitive dust. The Board also directed the Illinois Environmental Protection Agency to file a new rulemaking proposal by May 5, 2025, that incorporates new federal rules involving the disposal of historic, unconsolidated CCR. Finally, the Board opened a rulemaking docket to consider adopting an environmental justice procedural rule.

[R23-18\(A\)](#) Amendments to 35 Ill. Adm. Code Parts 201, 202, and 212 (Air) – The Board adopted final amendments to its air pollution rules that establish alternative emission limits for periods of startup, shutdown, breakdown, and malfunction.



## ADJUDICATORY CASES

- [PCB 06-58](#)** Midwest Generation, LLC – Joliet Generating Station v. Illinois Environmental Protection Agency (Air, CAAPP – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 06-60](#)** Midwest Generation, LLC – Will County Generating Station v. Illinois Environmental Protection Agency (Air, CAAPP – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 06-156](#)** Midwest Generation, LLC – Will County Generating Station v. Illinois Environmental Protection Agency (Air – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 08-9](#)** Midwest Generation, LLC – Will County Generating Station v. Illinois Environmental Protection Agency (Air – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 08-22](#)** Midwest Generation, LLC – Will County Generating Station v. Illinois Environmental Protection Agency (Air – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 10-98](#)** Midwest Generation, LLC – Will County Generating Station v. Illinois Environmental Protection Agency (Air – Permit Appeal) – The Board granted Midwest Generation’s motion for voluntary dismissal.
- [PCB 13-72](#)** People of the State of Illinois v. Petco Petroleum Corporation (Water – Enforcement) – The Board denied Petco’s motion to dismiss counts 62 through 73 of the People’s first amended complaint. The Board also struck, with prejudice, the remaining portion of Petco’s affirmative defense pertaining to the statute of limitations.
- [PCB 24-25](#)** People of the State of Illinois v. Khalid Siddiqui and 55th Food Mart Inc. (Air – Enforcement) – Upon receiving a stipulation, proposed settlement, and request for relief from the hearing requirement in this enforcement action concerning a Cook County gas station, the Board directed the Clerk to provide the required newspaper notice.
- [PCB 24-32](#)** 1441 Kingshighway, LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted 1441 Kingshighway’s request to authorize payment of legal fees and directed IEPA to reimburse 1441 Kingshighway \$19,729 in legal fees from the Underground Storage Tank (UST) Fund.



- [PCB 24-66](#) RCH Newco II, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board denied IEPA’s motion for extension of time to respond and granted RCH Newco II’s request for stay until the Board takes final action or orders otherwise.
- [PCB 24-71](#) Speed Lube XIV v. Illinois Environmental Protection Agency (UST Appeal) – Because Speed Lube XIV failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.
- [PCB 24-72](#) East-West Properties, LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Cook County site.
- [PCB 24-77](#) United States Steel Corporation v. Illinois Environmental Protection Agency (Air, PSD – Permit Appeal) – The Board granted American Bottom Conservancy’s motion to intervene in this proceeding, subject to specified limitations.
- [PCB 24-79](#) People of the State of Illinois v. Vantage Specialties, Inc. (Air – Enforcement) – In this enforcement action concerning a Lake County chemical production facility, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered Vantage Specialties to pay a \$60,000 civil penalty and to cease and desist from further violations.
- [PCB 24-80](#) People of the State of Illinois v. PetDine, LLC, f/k/a Pedigree Ovens, LLC (Air – Enforcement) – In this enforcement action concerning a McHenry County pet treat manufacturing facility, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered PetDine to pay a \$91,000 civil penalty and to cease and desist from further violations.
- [PCB 25-5](#) R.W. Sheridan Oil Co., Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a DeWitt County site.
- [PCB 25-6](#) Archer Daniels Midland Company v. Illinois Environmental Protection Agency (Water, NPDES – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to October 9, 2024.
- [PCB 25-7](#) Green Oil Company v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a Knox County site.



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

**RULEMAKING**

[R25-6](#) Wastewater Pretreatment Update, USEPA Amendments (January 1, 2024 through June 30, 2024) (Water) – The Board adopted a proposal for public comment in this “identical-in-substance” rulemaking to amend the Board’s wastewater pretreatment regulations.

[R25-7](#) National Ambient Air Quality Standards (NAAQS), USEPA Regulations (January 1, 2024 through June 30, 2024) (Air) – The Board adopted a proposal for public comment in this “identical-in-substance” rulemaking to amend the Board’s ambient air quality standards.

[R25-19](#) Amendments to the Board’s Administrative Rules 2 Ill. Adm. Code 2175 (Administrative) – The Board adopted an order amending its Title 2 administrative rules to reflect, among other things, a recent change to the Open Meetings Act.

**ADMINISTRATIVE CITATIONS**

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

**ADJUDICATORY CASES**

[PCB 24-74](#) Beeline Properties, LLC v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a gas station in Sangamon County.

[PCB 25-8](#) People of the State of Illinois v. Motor City Chevrolet GMC, Inc. (Land, RCRA, Water – Enforcement) – The Board accepted for hearing the People’s complaint concerning an automobile dealership service department in Henry County.

[PCB 25-9](#) Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to December 4, 2024.

[PCB 25-10](#) Waste Management of Illinois, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to December 4, 2024.





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

**ADJUDICATORY CASES**

**[PCB 22-69](#)** Sierra Club and Prairie Rivers Network v. Illinois Environmental Protection Agency and Williamson Energy LLC (Water, NPDES – Third-Party Permit Appeal) – The Board granted Petitioner’s motion to dismiss with prejudice and dismissed the case.

**[PCB 23-112](#)** People of the State of Illinois v. Inland-Frycek, Inc. (Land, Water – Enforcement) – In this enforcement action, Inland-Frycek is an environmental remediation consultant and practitioner that assisted in remediation of residual petroleum contamination at a former gas station located in Cook County, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2022)), accepted a stipulation and proposed settlement, and ordered Inland-Frycek to pay a \$8,800 civil penalty and to cease and desist from further violations.

**[PCB 24-25](#)** People of the State of Illinois v. Khalid Siddiqui and 55th Food Mart Inc. (Air – Enforcement) – In this enforcement action concerning a Cook County gas station, 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 Khalid Siddiqui and 55th Food Mart to pay a \$5,000 civil penalty and to cease and desist from further violations.

**[PCB 25-11](#)** Prairie State Generating Company, LLC v. Illinois Environmental Protection Agency (Air, CAAPP – Permit Appeal) – The Board accepted for hearing this appeal of IEPA’s alleged failure to act on Prairie State’s Clean Air Act Permit Program concerning Prairie State’s coal-fired power generation facility in Washington County.

**[PCB 25-12](#)** BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to December 4, 2024.



# CALENDAR

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**Tuesday, October 29, 2024 (9:30 AM)**

**Hearing: Prairie State Generating Company, LLC v. Illinois Environmental Protection Agency, PCB 25-11**

Washington County Board Room, 101 E. St. Louis St., second floor, Nashville, Illinois

**Wednesday, November 6, 2024 (10:00 AM)**

**Hearing: Doug and Geri Boyer v. MRB Development, LLC d/b/a Copper Fire; Renae Eichholz; and Mark Eichholz, PCB 22-9**

1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

**Thursday, November 7, 2024 (9:00 AM)**

**Hearing: Amendments to 35 Ill. Adm. Code Subtitle B (Air Pollution), R18-21**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago

**Thursday, November 7, 2024 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

**Thursday, November 7, 2024 (11:20 AM)**

**Hearing by videoconference: National Ambient Air Quality Standards (NAAQS), USEPA Amendments (January 1, 2024, through June 30, 2024), R25-7**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

**Thursday, November 21, 2024 (10:00 AM)**

**Hearing by videoconference: Amendments to 35 Ill. Adm. Code 217, Nitrogen Oxides Emissions, R25-17**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

**Thursday, November 21, 2024 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room C-500, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield



**Monday, December 2, 2024 (10:00 AM)**

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

Michael A. Bilandic Building, 160 N. LaSalle St., Room C-500, Chicago and Illinois  
Department of Transportation Hanley Building, Auditorium, 2300 S. Dirksen Parkway,  
Springfield

**Tuesday, December 3, 2024 (10:00 AM)**

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

Michael A. Bilandic Building, 160 N. LaSalle St., Room C-500, Chicago and Illinois  
Department of Transportation Hanley Building, Auditorium, 2300 S. Dirksen Parkway,  
Springfield

**Thursday, December 5, 2024 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room N-505, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

**Thursday, December 19, 2024 (11:00 AM)**

**Board meeting by videoconference**

Michael A. Bilandic Building, 160 N. LaSalle St., Room C-500, Chicago and  
1021 North Grand Avenue East (North Entrance), Room 1244 N (First Floor), Springfield

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



# RESTRICTED STATUS / CRITICAL REVIEW LISTS

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



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

October 2024

| SYSTEM NAME                        | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE |
|------------------------------------|-----------|------------|---|-------------------|--------------|
| ALBION                             | IL0470050 | 7          | MANGANESE MCL VIOLATION                                       | 2938              | 1/19/2022    |
| ALEXANDER WATER DISTRICT*          | IL1370020 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                           | 140               | 6/21/2024    |
| ALTO PASS WATER DISTRICT           | IL1815150 | 7          | INADEQUATE SOURCE CAPACITY                                    | 1054              | 6/30/2021    |
| ANDOVER                            | IL0730100 | 1          | NO BACKUP SOURCE  | 644               | 3/24/2016    |
| ANNA                               | IL1810050 | 7          | TOTAL TRIHALOMETHANES MCL VIOLATION                           | 5027              | 9/27/2023    |
| APPLE CREEK WATER COOP             | IL1370040 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                           | 949               | 9/27/2023    |
| AQUA ILLINOIS - NUNDA              | IL1115600 | 2          | INADEQUATE PRESSURE TANK                                      | 570               | 4/1/2015     |
| AQUA ILLINOIS - OAK RUN            | IL0955200 | 5          | NSF/ANSI STANDARD 60 VIOLATION                                | 1800              | 1/27/2023    |
| ARCADIA CARE                       | IL0755389 | 4          | NO OPTIMAL CORROSION CONTROL TREATMENT                        | 55                | 5/21/2021    |
| 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          | NO CHLORINE FEED SYSTEM; INADEQUATE PRESSURE TANK             | 61                | 10/31/2018   |
| BARDOLPH                           | IL1090050 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                           | 315               | 1/27/2023    |
| 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   |
| BECKWITH COMMUNITY ASSOCIATION     | IL1975170 | 2          | NO BACKUP SOURCE  | 75                | 6/13/2023    |
| BEECHER CITY                       | IL0490100 | 4          | TOTAL TRIHALOMETHANES MCL AND HALOACETIC ACIDS MCL VIOLATIONS | 500               | 4/11/2023    |
| BELLMONT                           | IL1850100 | 7          | NO EMERGENCY GENERATOR  | 297               | 10/27/2023   |
| BILL-MAR HEIGHTS MHP               | IL2015345 | 1          | INADEQUATE PRESSURE TANK                                      | 160               | 3/18/1983    |
| BISHOP HILL                        | IL0730250 | 1          | NO BACKUP SOURCE  | 137               | 11/14/2017   |
| BLACKHAWK ESTATES LLC*             | IL0317765 | 2          | COMBINED RADIUM MCL VIOLATION                                 | 1238              | 5/24/2024    |
| BONNIE                             | IL0810150 | 7          | INADEQUATE ELEVATED STORAGE CAPACITY                          | 527               | 7/20/2018    |
| BROADVIEW ESTATES EAST PEORIA      | IL1795365 | 5          | INADEQUATE PRESSURE TANK                                      | 300               | 3/18/1983    |



| SYSTEM NAME                            | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|---|-------------------|--------------|
| BROWNSTOWN                             | IL0510100 | 6          | TOTAL TRIHALOMETHANES MCL VIOLATION   | 755               | 3/10/2023    |
| BUCKINGHAM                             | IL0910250 | 2          | INADEQUATE PRESSURE TANK  | 300               | 12/15/2023   |
| BUFFALO HOLLOW FARMS WATER ASSOCIATION | IL1430080 | 5          | INADEQUATE PRESSURE TANK  | 45                | 6/16/2008    |
| BUSY BEE MHP #1                        | IL1975195 | 2          | INADEQUATE PRESSURE TANK  | 25                | 7/15/2022    |
| CAPRON MHP                             | IL0075105 | 1          | INADEQUATE PRESSURE TANK  | 98                | 3/18/1983    |
| CARBONDALE*                            | IL0770150 | 7          | TOTAL ORGANIC CARBON REMOVAL VIOLATION  | 22107             | 9/5/2024     |
| CENTRAL MACOUPIN RURAL WATER DISTRICT  | IL1170040 | 5          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 1825              | 8/29/2018    |
| CENTURY PINES APARTMENTS               | IL0150020 | 1          | INADEQUATE PRESSURE TANK  | 25                | 12/14/1990   |
| CHAIN-O-LAKES MHP                      | IL0975165 | 2          | INADEQUATE PRESSURE TANK  | 81                | 12/15/1989   |
| CHENOA                                 | IL1130300 | 4          | TOTAL TRIHALOMETHANE MCL VIOLATION  | 1785              | 1/27/2023    |
| CHESTERFIELD                           | IL1170200 | 5          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 180               | 8/29/2018    |
| CLARKS MHP                             | IL2015425 | 1          | INADEQUATE PRESSURE TANK  | 80                | 12/16/1991   |
| COBDEN                                 | IL1810150 | 7          | INADEQUATE SOURCE CAPACITY  | 1343              | 6/30/2021    |
| COLONIAL MEADOWS                       | IL1135100 | 6          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 190               | 9/19/2018    |
| COMPTON                                | IL1030150 | 1          | TOTAL TRIHALOMETHANE MCL VIOLATION & HALOACETIC ACID MCL VIOLATION                  | 300               | 4/9/2021     |
| COOKS MILLS WATER ASSOCIATION          | IL0295200 | 4          | INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY                        | 600               | 12/29/2021   |
| COUNTRY ACRES MHP (LA SALLE COUNTY)    | IL0995365 | 1          | COMBINED RADIUM AND GROSS ALPHA MCL VIOLATIONS                                      | 192               | 5/26/2021    |
| COUNTRY VIEW ESTATES SUBDIVISION       | IL1415220 | 1          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 120               | 12/12/2018   |
| COYNE CENTER COOP                      | IL1615150 | 1          | INADEQUATE PRESSURE TANK  | 150               | 12/15/1997   |
| CRISWELL COURT MHP                     | IL1975105 | 2          | INADEQUATE PRESSURE TANK  | 136               | 12/15/1989   |
| DANVERS                                | IL1130450 | 4          | MANGANESE MCL VIOLATION   | 1183              | 1/18/2022    |
| DAYSPRING BIBLE COLLEGE                | IL0977189 | 2          | INADEQUATE PRESSURE TANK  | 60                | 6/15/1988    |
| DES PLAINES MHP                        | IL0317775 | 2          | INADEQUATE SOURCE CAPACITY, INADEQUATE PRESSURE TANK, AND GROSS ALPHA MCL VIOLATION | 581               | 3/16/1984    |
| DIXMOOR                                | IL0310660 | 2          | NO ELEVATED OR PRESSURE STORAGE   | 2973              | 2/24/2023    |
| DONOVAN                                | IL0750400 | 4          | NO CORROSION CONTROL TREATMENT  | 306               | 7/23/2021    |
| DWIGHT                                 | IL1050250 | 4          | ARSENIC MCL VIOLATION   | 4260              | 9/27/2023    |
| EAGARVILLE                             | IL1170300 | 5          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 127               | 2/23/2024    |
| EAST END WATER ASSOCIATION             | IL1610140 | 1          | INADEQUATE PRESSURE TANK  | 40                | 3/15/2002    |
| EAST MORELAND WATER ASSOCIATION        | IL1975600 | 2          | NO ELEVATED OR GROUND STORAGE   | 1055              | 9/9/2016     |



| SYSTEM NAME                                    | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE         |
|--|-----------|------------|---|-------------------|----------------------|
| EDELSTEIN WATER COOPERATIVE                    | IL1435150 | 5          | INADEQUATE GROUND STORAGE   | 125               | 1/1/2015             |
| EDINBURG                                       | IL0210150 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION   | 1068              | 12/16/2022           |
| EHLERS MHP                                     | IL0195645 | 4          | INADEQUATE PRESSURE TANK  | 112               | 12/17/1982           |
| EJ WATER - SANGCHRIS SERVICE AREA              | IL1670230 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION   | 886               | 1/2/2024             |
| ELIZABETH (upper elevation area)               | IL0850150 | 1          | LOW SYSTEM PRESSURE   | 675               | 6/15/1999            |
| EXETER - MERRITT WATER COOP**                  | IL1710010 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION AND INADEQUATE STORAGE CAPACITY                 | 820               | 10/1/2013 & 9/4/2024 |
| FALCON FARMS                                   | IL1617635 | 1          | NO ELEVATED OR GROUND STORAGE   | 475               | 10/31/2019           |
| FORD HEIGHTS                                   | IL0310720 | 2          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 1813              | 12/9/2022            |
| FOUR STAR CAMPGROUND                           | IL0990060 | 1          | INADEQUATE PRESSURE TANK  | 150               | 6/15/1999            |
| GERMANTOWN                                     | IL0270350 | 6          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 1481              | 6/30/2021            |
| GOLCONDA                                       | IL1510100 | 7          | INADEQUATE SOURCE CAPACITY  | 672               | 9/14/2022            |
| GREEN MEADOWS ESTATES OF ROCKFORD LLC          | IL2015495 | 1          | COMBINED RADIUM MCL VIOLATION; INADEQUATE GROUND STORAGE & INADEQUATE PRESSURE TANK | 970               | 6/15/2012            |
| HARVEST ESTATES                                | IL0915165 | 2          | INADEQUATE PRESSURE TANK  | 54                | 4/18/2019            |
| HETTICK  | IL1170500 | 5          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 182               | 6/30/2021            |
| HIGHLAND SUBDIVISON                            | IL0895530 | 2          | INADEQUATE PRESSURE TANK  | 40                | 9/16/1983            |
| HILLCREST                                      | IL1410250 | 1          | INADEQUATE SOURCE CAPACITY  | 1400              | 2/13/2018            |
| HILLSDALE ESTATES, LLC                         | IL1615530 | 1          | INADEQUATE PRESSURE TANK  | 63                | 3/18/1983            |
| HILLSDALE PROPERTIES                           | IL1615728 | 1          | INADEQUATE PRESSURE TANK  | 60                | 1/14/1982            |
| HOLLY HOCK HILL MHP                            | IL0975245 | 2          | INADEQUATE PRESSURE TANK  | 52                | 12/16/1983           |
| HONEYCUTT HILL MHP LLC                         | IL1955225 | 1          | INADEQUATE PRESSURE TANK  | 75                | 9/17/1982            |
| IL AMERICAN - ANDALUSIA (upper elevation area) | IL1610050 | 1          | LOW SYSTEM PRESSURE   | 1050              | 10/1/2003            |
| INGALLS PARK SUBDIVISION                       | IL1975880 | 2          | NO ELEVATED OR GROUND STORAGE   | 744               | 9/16/1983            |
| JASPER WATERWORKS CORP                         | IL1910020 | 7          | MINIMUM CHLORINE RESIDUAL VIOLATION AND TOTAL TRIHALOMETHANES MCL VIOLATION         | 1483              | 10/28/2022           |
| KINGSTON                                       | IL0370250 | 1          | NO OPTIMAL CORROSION CONTROL TREATMENT  | 1160              | 2/16/2022            |
| LAKE OF EGYPT PWD*                             | IL1995200 | 7          | TOTAL ORGANIC CARBON REMOVAL VIOLATION  | 11,368            | 9/5/2024             |
| LAKE SHANNON                                   | IL0910020 | 2          | TOTAL TRIHALOMETHANES MCL VIOLATION   | 500               | 3/12/2024            |
| LAND AND WATER ASSOCIATION                     | IL0995050 | 1          | COMBINED RADIUM MCL VIOLATION   | 100               | 8/26/2022            |
| LE ROY   | IL1130750 | 4          | MINIMUM CHLORINE RESIDUAL VIOLATION   | 3800              | 2/16/2024            |



| SYSTEM NAME   | SYSTEM ID | EPA REGION | NATURE OF PROBLEM  | POPULATION SERVED | LISTING DATE |
|---|-----------|------------|--|-------------------|--------------|
| LEWISTOWN   | IL0570600 | 5          | MANGANESE MCL VIOLATION  | 2400              | 12/29/2021   |
| LIBERTY PARK HOMEOWNERS' ASSOCIATION                              | IL0435600 | 2          | INADEQUATE GROUND STORAGE CAPACITY                                 | 837               | 9/17/1992    |
| LICK CREEK PWD (area served by Anna - Jonesboro Water Commission) | IL1815100 | 7          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 2191              | 5/3/2024     |
| LICK CREEK PWD (area served by Lake of Egypt PWD)                 | IL1815100 | 7          | INADEQUATE CHLORINE RESIDUAL                                       | 2191              | 12/8/2023    |
| LINWAY ESTATES MHP  | IL0315935 | 2          | NO ELEVATED OR GROUND STORAGE                                      | 460               | 2/28/2017    |
| LISBON NORTH, INC.  | IL0631000 | 2          | INADEQUATE PRESSURE TANK   | 25                | 9/14/1990    |
| LONDON MILLS  | IL0574620 | 5          | INADEQUATE SOURCE CAPACITY   | 400               | 7/13/2022    |
| LYNNWOOD WATER CORPORATION  | IL0995336 | 1          | INADEQUATE PRESSURE TANK   | 100               | 3/18/1983    |
| MACOMB  | IL1090350 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 15052             | 2/23/2024    |
| MALTA   | IL0370350 | 1          | NO AUTO-START GENERATOR & INADEQUATE HIGH SERVICE PUMP CAPACITY    | 1175              | 6/15/2012    |
| MANCUSO VILLAGE PARK MHP  | IL2015545 | 1          | INADEQUATE PRESSURE TANK   | 500               | 6/18/1982    |
| MANTENO MHP   | IL0915385 | 2          | INADEQUATE PRESSURE TANK   | 144               | 12/14/1990   |
| MAPLE ACRES MHP   | IL0115135 | 1          | ARSENIC MCL VIOLATION  | 250               | 2/23/2024    |
| MAPLETON  | IL1430500 | 5          | NO OPTIMAL CORROSION CONTROL TREATMENT                             | 250               | 5/13/2022    |
| MARENGO   | IL1110650 | 2          | INADEQUATE SOURCE WATER TREATMENT                                  | 7439              | 8/19/2022    |
| MARK  | IL1550250 | 1          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 555               | 6/24/2022    |
| MEADOWBROOK MH COMMUNITY  | IL1635060 | 6          | TOTAL TRIHALOMETHANES AND HALOACETIC ACIDS MCL VIOLATIONS          | 228               | 4/12/2024    |
| MEADOWS MENNONITE HOME*   | IL1135689 | 4          | HALOACETIC ACIDS MCL VIOLATION                                     | 140               | 6/21/2024    |
| MOUNT AUBURN  | IL0210350 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 480               | 2/23/2024    |
| MOUNT ERIE**  | IL1910350 | 7          | INADEQUATE SOURCE CAPACITY AND TOTAL TRIHALOMETHANES MCL VIOLATION | 116               | 5/21/2021    |
| MOUNT ZION  | IL1150350 | 4          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 5833              | 1/19/2022    |
| NASON   | IL0810350 | 7          | NO STORAGE   | 243               | 5/25/2022    |
| NEPONSET  | IL0110700 | 1          | MINIMUM CHLORINE RESIDUAL VIOLATION                                | 374               | 4/17/2019    |
| NEW HOPE WATERWORKS CORP.*  | IL1915100 | 7          | TOTAL TRIHALOMETHANES MCL VIOLATION                                | 1187              | 5/24/2024    |
| OAK RIDGE SD  | IL2035300 | 1          | INADEQUATE PRESSURE TANK   | 240               | 3/20/1981    |
| OSCO MUTUAL WATER SUPPLY COMPANY, INC.                            | IL0735200 | 1          | INADEQUATE PUMP CAPACITY   | 115               | 12/15/1989   |
| OTTAWA ESTATES MHP  | IL0995225 | 1          | INADEQUATE PRESSURE TANK   | 115               | 3/18/1983    |
| PAULS MHP   | IL0975485 | 2          | INADEQUATE PRESSURE TANK   | 38                | 12/16/1983   |
| PEORIA HEIGHTS  | IL1434750 | 5          | MANGANESE MCL VIOLATION  | 6156              | 12/29/2021   |





| SYSTEM NAME                                      | SYSTEM ID | EPA REGION | NATURE OF PROBLEM   | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|---|-------------------|--------------|
| POLO DR AND SADDLE RD SUBDIVISION                | IL0437000 | 1          | INADEQUATE CHLORINE RESIDUAL AND NO EMERGENCY POWER       | 93                | 1/26/2024    |
| PORT BYRON                                       | IL1610550 | 1          | MANGANESE MCL VIOLATION                                   | 1678              | 1/19/2022    |
| PORTS SULLIVAN LAKE OWNERS' ASSOCIATION          | IL0971160 | 2          | INADEQUATE PRESSURE TANK                                  | 293               | 6/15/1999    |
| PRAIRIE PATH WATER - BAHL WATER COMPANY**        | IL0855200 | 1          | NO ELEVATED OR GROUND STORAGE                             | 700               | 12/15/1993   |
| PRAIRIE PATH WATER - WALK-UP WOODS WATER COMPANY | IL1115800 | 2          | NO ELEVATED OR GROUND STORAGE                             | 781               | 12/17/1982   |
| PRAIRIE ROAD PUMP ASSOCIATION                    | IL2015100 | 1          | INADEQUATE PRESSURE TANK                                  | 150               | 1/1/2006     |
| QUAIL RUN MHP                                    | IL1190270 | 6          | MINIMUM CHLORINE RESIDUAL VIOLATION                       | 168               | 2/9/2024     |
| RAINBOW LANE MHP                                 | IL2015645 | 1          | INADEQUATE PRESSURE TANK                                  | 83                | 6/17/1983    |
| REDDICK  | IL0914780 | 2          | COMBINED RADIUM MCL VIOLATION                             | 196               | 2/23/2024    |
| RIO  | IL0950450 | 5          | NSF/ANSI STANDARD 60 VIOLATION                            | 265               | 11/3/2023    |
| ROCKLAND MHP                                     | IL0975585 | 2          | INADEQUATE PRESSURE TANK                                  | 165               | 12/16/1983   |
| ROYAL OAKS MHP                                   | IL1115145 | 2          | INADEQUATE PRESSURE TANK                                  | 131               | 6/17/1983    |
| SCALES MOUND                                     | IL0850400 | 1          | LOW SYSTEM PRESSURE (at elev. above 990 ft. MSL)          | 376               | 9/15/1997    |
| SECOR  | IL2030600 | 1          | ARSENIC MCL VIOLATION                                     | 400               | 11/8/2023    |
| SENECA MOBILE HOMES LLC                          | IL0995425 | 1          | INADEQUATE PRESSURE TANK                                  | 10                | 9/17/1982    |
| SHANGRI-LA MHP                                   | IL1415285 | 1          | INADEQUATE PRESSURE TANK                                  | 450               | 9/16/1983    |
| SILVIS HEIGHTS WATER CORP                        | IL1615750 | 1          | NO EMERGENCY GENERATOR                                    | 1460              | 12/1/2003    |
| SIX OAKS MHP                                     | IL2015685 | 1          | INADEQUATE PRESSURE TANK                                  | 48                | 6/18/1982    |
| SOUTH JACKSONVILLE                               | IL1370400 | 5          | INADEQUATE SOURCE CAPACITY                                | 3508              | 8/19/2022    |
| SOUTH PEKIN                                      | IL1790650 | 5          | MANGANESE MCL VIOLATION                                   | 1146              | 1/19/2022    |
| SPIN LAKE HOMEOWNERS' ASSOCIATION                | IL1135140 | 4          | NITRITE MCL VIOLATION                                     | 200               | 10/1/2021    |
| STEPHENSON MOBILE ESTATES                        | IL1775235 | 1          | INADEQUATE PRESSURE TANK AND INADEQUATE CHLORINE RESIDUAL | 223               | 6/17/1983    |
| STONEWOOD EDGEWOOD TERRACE LLC                   | IL1795345 | 5          | INADEQUATE CHLORINE RESIDUAL                              | 250               | 10/28/2022   |
| SUBURBAN APARTMENTS (DE KALB UNIV DVL)           | IL0375148 | 1          | INADEQUATE PRESSURE TANK                                  | 1050              | 12/16/1992   |
| SUNNY HILLS ESTATES SUBDIVISION                  | IL0735300 | 1          | INADEQUATE PRESSURE TANK                                  | 525               | 6/15/2000    |
| SUNNYLAND SUBDIVISION                            | IL1977730 | 2          | INADEQUATE SOURCE CAPACITY & INADEQUATE PRESSURE TANK     | 300               | 6/12/2018    |
| SWEDONA WATER ASSOCIATION                        | IL1315200 | 1          | INADEQUATE PRESSURE TANK                                  | 157               | 6/15/1990    |
| SYLVAN LAKE 1ST SUBDIVISION                      | IL0977100 | 2          | INADEQUATE PRESSURE TANK                                  | 210               | 6/14/1991    |
| TABLE GROVE                                      | IL0570900 | 5          | TOTAL TRIHALOMETHANES MCL VIOLATION                       | 416               | 9/4/2020     |
| TIMBER RIDGE MOBILE ESTATES                      | IL1775255 | 1          | INADEQUATE PRESSURE TANK                                  | 150               | 6/17/1996    |
| TOWNERS SUBDIVISION                              | IL0977250 | 2          | INADEQUATE PRESSURE TANK                                  | 204               | 1/14/1982    |



| <b>SYSTEM NAME</b>     | <b>SYSTEM ID</b> | <b>EPA REGION</b> | <b>NATURE OF PROBLEM</b>   | <b>POPULATION SERVED</b> | <b>LISTING DATE</b> |
|------------------------|------------------|-------------------|--|--------------------------|---------------------|
| VALLEY VIEW MANOR      | IL0195865        | 4                 | ARSENIC MCL VIOLATION  | 120                      | 3/12/2024           |
| VANDALIA*              | IL0510350        | 6                 | HALOACETIC ACIDS MCL VIOLATION   | 7458                     | 9/5/2024            |
| VERMONT                | IL0570950        | 5                 | TOTAL TRIHALOMETHANE MCL VIOLATION & HALOACETIC ACID MCL VIOLATION                         | 660                      | 5/27/2020           |
| VILLAGE GREEN MHP      | IL1195350        | 6                 | TOTAL TRIHALOMETHANES MCL VIOLATION  | 220                      | 7/6/2022            |
| WALTONVILLE            | IL0810400        | 7                 | LOW SYSTEM PRESSURE AND NOT MEETING STORAGE, PUMPING, AND EMERGENCY GENERATOR REQUIREMENTS | 1933                     | 5/25/2022           |
| WEATHERSTONE LAKES MHP | IL0312800        | 2                 | INADEQUATE CHLORINE RESIDUAL   | 221                      | 1/19/2024           |
| WESTFIELD              | IL0230200        | 4                 | NO OPTIMAL CORROSION CONTROL TREATMENT   | 678                      | 2/16/2022           |
| WILLOWAY TERRACE MHP   | IL0317595        | 2                 | NO ELEVATED OR GROUND STORAGE & INADEQUATE SOURCE CAPACITY                                 | 900                      | 6/15/1984           |
| WINDSOR                | IL1730550        | 4                 | NO OPTIMAL CORROSION CONTROL TREATMENT   | 1200                     | 3/23/2022           |
| WOOD DALE ESTATES      | IL0437245        | 2                 | INADEQUATE PRESSURE TANK   | 145                      | 6/17/1983           |
| WOODLAND               | IL0751000        | 4                 | INADEQUATE SOURCE CAPACITY   | 319                      | 7/15/2022           |



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

October 2024

| SYSTEM NAME                            | SYSTEM ID | EPA REGION | NATURE OF PROBLEM             | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|-------------------------------|-------------------|--------------|
| AIR VIEW MHP                           | IL1615185 | 1          | NO BACKUP SOURCE              | 164               | 8/7/2020     |
| 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                 | 208               | 1/8/2021     |
| AQUA ILLINOIS - SUN RIVER TERRACE      | IL0910720 | 2          | ONLY ONE WELL                 | 495               | 1/13/2021    |
| BEAVER CREEK VILLAGE MHP               | IL0755125 | 4          | ONLY ONE WELL                 | 48                | 1/6/2021     |
| BROWNING                               | IL1690050 | 5          | ONLY ONE WELL                 | 175               | 12/2/2020    |
| BUFFALO HOLLOW FARMS WATER ASSOCIATION | IL1430080 | 5          | ONLY ONE WELL                 | 45                | 7/22/2020    |
| BUSY BEE MHP #1                        | IL1975195 | 2          | ONLY ONE WELL                 | 25                | 12/4/2020    |
| CAMP GROVE                             | IL1235100 | 1          | ONLY ONE WELL                 | 75                | 6/24/2020    |
| CANTON                                 | IL0570250 | 5          | INADEQUATE TREATMENT CAPACITY | 13932             | 3/15/2007    |
| CAPRON MHP                             | IL0075105 | 1          | ONLY ONE WELL                 | 98                | 1/27/2021    |
| CARBON HILL                            | IL0630100 | 2          | INADEQUATE TREATMENT CAPACITY | 392               | 12/14/2016   |
| CARROLL HEIGHTS UTILITIES COMPANY      | IL0155200 | 1          | ONLY ONE WELL                 | 80                | 1/27/2021    |
| CARTHAGE                               | IL0670250 | 5          | ONLY ONE WELL                 | 2605              | 4/11/2023    |
| CEDAR BROOK ESTATES SUBDIVISION        | IL1615170 | 1          | ONLY ONE WELL                 | 200               | 8/7/2020     |
| CEDAR POINT WATER COMPANY              | IL0995040 | 1          | ONLY ONE WELL                 | 300               | 8/26/2020    |
| CEDAR WATER COMPANY, INC.              | IL0955150 | 5          | ONLY ONE WELL                 | 160               | 1/13/2021    |
| CENTURY PINES APARTMENTS               | IL0150020 | 1          | ONLY ONE WELL                 | 25                | 1/27/2021    |
| CHAIN-O-LAKES MHP                      | IL0975165 | 2          | ONLY ONE WELL                 | 81                | 8/28/2020    |
| CHERRYDALE SUBDIVISION                 | IL1615120 | 1          | ONLY ONE WELL                 | 80                | 8/5/2020     |
| CHIGAKWA PARK ESTATES                  | IL1615140 | 1          | ONLY ONE WELL                 | 53                | 8/7/2020     |
| CLARKS MHP                             | IL2015425 | 1          | ONLY ONE WELL                 | 80                | 12/4/2020    |
| COAL CITY                              | IL0630200 | 2          | INADEQUATE TREATMENT CAPACITY | 5587              | 12/14/2016   |
| COLONIAL MEADOWS                       | IL1135100 | 6          | ONLY ONE WELL                 | 190               | 9/26/2020    |
| COUNTRY LANE MHP                       | IL1135385 | 4          | ONLY ONE WELL                 | 35                | 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                 | 120               | 7/15/2020    |
| DE WITT                                | IL0390100 | 4          | ONLY ONE WELL                 | 200               | 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    |
| DONOVAN                                | IL0750400 | 4          | ONLY ONE WELL                 | 306               | 1/6/2021     |
| EAST END WATER ASSOCIATION             | IL1610140 | 1          | ONLY ONE WELL                 | 40                | 7/31/2020    |
| EAST LAWN WATER ASSOCIATION            | IL1615100 | 1          | ONLY ONE WELL                 | 160               | 8/5/2020     |
| EAST LYNN COMMUNITY WATER SYSTEM       | IL1835200 | 4          | ONLY ONE WELL                 | 112               | 12/11/2020   |
| EAST SIDE MHP                          | IL0195825 | 4          | ONLY ONE WELL                 | 95                | 1/27/2021    |
| EBERTS 3RD ADDITION                    | IL1615330 | 1          | ONLY ONE WELL                 | 99                | 8/12/2020    |



| SYSTEM NAME                            | SYSTEM ID | EPA REGION | NATURE OF PROBLEM  | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|--|-------------------|--------------|
| EDELSTEIN WATER COOPERATIVE            | IL1435150 | 5          | ONLY ONE WELL  | 125               | 7/24/2020    |
| EJ WATER - WITT                        | IL1350850 | 5          | INADEQUATE TREATMENT CAPACITY                              | 991               | 3/17/2008    |
| ELM OAK MUTUAL WATER SYSTEM            | IL0975736 | 2          | ONLY ONE WELL  | 50                | 8/28/2020    |
| ESQUIRE ESTATES MHP                    | IL1435245 | 5          | ONLY ONE WELL  | 28                | 7/29/2020    |
| EVERGREEN VILLAGE SUBDIVISION          | IL1615310 | 1          | ONLY ONE WELL  | 130               | 8/12/2020    |
| FOUNTAIN WATER DISTRICT*               | IL1330020 | 6          | INADEQUATE SOURCE CAPACITY & INADEQUATE TREATMENT CAPACITY | 3650              | 5/21/2024    |
| FOUR STAR CAMPGROUND                   | IL0990060 | 1          | ONLY ONE WELL  | 150               | 8/26/2020    |
| FOX CREEK FARMS WATER COMPANY          | IL1435750 | 5          | ONLY ONE WELL  | 221               | 7/29/2020    |
| FOX LAWN HOMEOWNERS WATER ASSOCIATION  | IL0935150 | 2          | ONLY ONE WELL  | 167               | 1/13/2021    |
| FRENTRESS LAKE                         | IL0850010 | 1          | ONLY ONE WELL  | 150               | 1/8/2021     |
| GARDEN STREET IMPROVEMENT ASSOCIATION  | IL1975376 | 2          | ONLY ONE WELL  | 54                | 12/9/2020    |
| GENESEO HICKORY HILLS HOA**            | IL0730080 | 1          | ONLY ONE WELL  | 93                | 8/12/2020    |
| GREEN ACRES MHP                        | IL1035165 | 1          | ONLY ONE WELL  | 200               | 8/26/2020    |
| HARMON                                 | IL1030300 | 1          | ONLY ONE WELL  | 149               | 8/26/2020    |
| HAZELWOOD 4TH ADDITION                 | IL0735350 | 1          | ONLY ONE WELL  | 135               | 1/6/2021     |
| HAZELWOOD WEST SUBDIVISION             | IL0735250 | 1          | ONLY ONE WELL  | 70                | 1/6/2021     |
| HEATHERFIELD SUBDIVISION               | IL0635150 | 2          | ONLY ONE WELL  | 90                | 1/29/2021    |
| HICKORY HILLS 2ND ADDITION             | IL1615450 | 1          | ONLY ONE WELL  | 42                | 7/28/2023    |
| HIGHLAND LAKE WATER COMPANY            | IL0970255 | 2          | ONLY ONE WELL  | 36                | 8/26/2020    |
| HIGHLAND SUBDIVISION                   | IL0895530 | 2          | ONLY ONE WELL  | 40                | 1/8/2021     |
| HILLCREST                              | IL1410250 | 1          | INADEQUATE STORAGE CAPACITY                                | 1400              | 11/2/2017    |
| HILLCREST COURT 2ND ADDITION           | IL1615490 | 1          | ONLY ONE WELL  | 66                | 2/13/2024    |
| HILLSDALE ESTATES, LLC                 | IL1615530 | 1          | ONLY ONE WELL  | 63                | 8/14/2020    |
| HILLSDALE PROPERTIES                   | IL1615728 | 1          | ONLY ONE WELL  | 60                | 6/24/2020    |
| HOLLANDS GROVE COURT SUBDIVISION       | IL1795300 | 5          | ONLY ONE WELL  | 40                | 12/2/2020    |
| HOLLY HOCK HILL MHP                    | IL0975245 | 2          | ONLY ONE WELL  | 52                | 8/28/2020    |
| HOPEWELL                               | IL1235150 | 1          | ONLY ONE WELL  | 420               | 7/1/2020     |
| IL AMERICAN - LEONORE                  | IL0990400 | 1          | ONLY ONE WELL  | 111               | 8/26/2020    |
| IL AMERICAN - MIDWEST PALOS            | IL0317050 | 2          | ONLY ONE WELL  | 132               | 1/27/2021    |
| IL AMERICAN - NETTLE CREEK             | IL0630040 | 2          | ONLY ONE WELL  | 317               | 1/29/2021    |
| IL AMERICAN - RIDGECREST               | IL0635100 | 2          | ONLY ONE WELL  | 203               | 1/29/2021    |
| IL PRAIRIE ESTATE SBDV WATER ASSN      | IL0995300 | 1          | ONLY ONE WELL  | 112               | 8/26/2020    |
| INDIAN BLUFFS SUBDIVISION              | IL1615520 | 1          | ONLY ONE WELL  | 150               | 8/14/2020    |
| INDIAN CREEK HOMEOWNERS AND WATER ASSN | IL1135250 | 4          | ONLY ONE WELL  | 240               | 6/17/2020    |
| IROQUOIS MOBILE ESTATES, INC.          | IL0755185 | 4          | ONLY ONE WELL  | 105               | 1/8/2021     |
| JOHNSBURG 1                            | IL1110040 | 2          | ONLY ONE WELL  | 174               | 8/28/2020    |
| KENNEY                                 | IL0390200 | 4          | ONLY ONE WELL  | 374               | 1/29/2021    |
| KNOLLS EDGE SUBDIVISION                | IL1415250 | 1          | ONLY ONE WELL  | 100               | 7/17/2020    |
| LAFAYETTE                              | IL1750100 | 1          | ONLY ONE WELL  | 250               | 12/2/2020    |
| LAKE LYNWOOD WATER SYSTEM              | IL0735330 | 1          | ONLY ONE WELL  | 75                | 1/6/2021     |
| LAKE SHANNON                           | IL0910020 | 2          | ONLY ONE WELL  | 500               | 1/13/2021    |
| LAKE WILDWIND LLC                      | IL2035125 | 1          | ONLY ONE WELL  | 200               | 12/4/2020    |



| SYSTEM NAME                                    | SYSTEM ID | EPA REGION | NATURE OF PROBLEM  | POPULATION SERVED | LISTING DATE |
|--|-----------|------------|--|-------------------|--------------|
| LAND AND WATER ASSOCIATION                     | IL0995050 | 1          | ONLY ONE WELL  | 100               | 8/26/2020    |
| LASALLE  | IL0990300 | 1          | INADEQUATE SOURCE CAPACITY & INADEQUATE TREATMENT CAPACITY   | 9700              | 11/1/2004    |
| LINDENWOOD WATER ASSOCIATION                   | IL1415300 | 1          | ONLY ONE WELL  | 35                | 7/22/2020    |
| LISBON NORTH, INC.                             | IL0631000 | 2          | ONLY ONE WELL  | 25                | 1/29/2021    |
| LYNN WATER ASSOCIATION                         | IL0735100 | 1          | ONLY ONE WELL  | 100               | 1/8/2021     |
| LYNNWOOD WATER CORPORATION                     | IL0995336 | 1          | ONLY ONE WELL  | 100               | 8/26/2020    |
| LYNWOOD 3RD ADDITION                           | IL0735280 | 1          | ONLY ONE WELL  | 100               | 1/6/2021     |
| M C L W SYSTEM, INC.                           | IL1315150 | 1          | ONLY ONE WELL  | 98                | 7/10/2020    |
| MACOMB   | IL1090350 | 5          | INADEQUATE CLARIFIER CAPACITY                                | 15052             | 12/14/2016   |
| MAEYSTOWN*                                     | IL1330200 | 6          | INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY | 325               | 5/21/2024    |
| MAQUON   | IL0950350 | 5          | ONLY ONE WELL  | 284               | 1/13/2021    |
| MARSEILLES SOUTH                               | IL0990110 | 1          | ONLY ONE WELL  | 100               | 8/26/2020    |
| MASON CITY                                     | IL1250350 | 5          | INADEQUATE STORAGE CAPACITY                                  | 2558              | 1/1/2006     |
| MAYFAIR SUBDIVISION                            | IL1795750 | 5          | ONLY ONE WELL  | 90                | 12/11/2020   |
| MAZON  | IL0630500 | 2          | NEAR A MANGANESE MCL VIOLATION                               | 987               | 7/8/2022     |
| MC NABB  | IL1550150 | 1          | ONLY ONE WELL  | 310               | 6/11/2020    |
| MILL POINT MHP                                 | IL2035165 | 1          | ONLY ONE WELL  | 160               | 12/4/2020    |
| MOUND CITY                                     | IL1530100 | 7          | ONLY ONE WELL  | 588               | 6/5/2020     |
| MOUND PWD                                      | IL1635050 | 6          | INADEQUATE PLANT CAPACITY                                    | 2200              | 6/17/1996    |
| MOUNT MORRIS ESTATES MHP                       | IL1415185 | 1          | ONLY ONE WELL  | 395               | 7/15/2020    |
| MOUNT VERNON ASSOCIATION INC.                  | IL0855100 | 1          | ONLY ONE WELL  | 490               | 1/8/2021     |
| NORTH HAZELWOOD SUBDIVISION                    | IL0735850 | 1          | ONLY ONE WELL  | 100               | 1/8/2021     |
| NORTH HENDERSON                                | IL1310300 | 1          | ONLY ONE WELL  | 187               | 7/2/2020     |
| OAK GROVE MHP - ROCK ISLAND COUNTY             | IL1617785 | 1          | ONLY ONE WELL  | 100               | 12/2/2020    |
| OAK VIEW ESTATES                               | IL0730120 | 1          | ONLY ONE WELL  | 95                | 1/29/2021    |
| OAKWOOD WEST SUBDIVISION                       | IL0730070 | 1          | ONLY ONE WELL  | 45                | 1/29/2021    |
| OPHIEM PWS                                     | IL0735150 | 1          | ONLY ONE WELL  | 100               | 1/8/2021     |
| OTTAWA ESTATES MHP                             | IL0995225 | 1          | ONLY ONE WELL  | 115               | 8/26/2020    |
| PARADISE MANOR MHP                             | IL1617665 | 1          | ONLY ONE WELL  | 200               | 11/20/2020   |
| PARK MEADOWLAND WEST MHP                       | IL0075235 | 1          | ONLY ONE WELL  | 100               | 1/27/2021    |
| PAULS MHP                                      | IL0975485 | 2          | ONLY ONE WELL  | 38                | 8/28/2020    |
| PHIL-AIRE ESTATES MHP                          | IL2015625 | 1          | ONLY ONE WELL  | 80                | 12/4/2020    |
| POLO DR AND SADDLE RD SUBDIVISION              | IL0437000 | 1          | ONLY ONE WELL  | 93                | 1/29/2021    |
| PORT BARRINGTON SHORES SUBDIVISION             | IL0971120 | 2          | ONLY ONE WELL  | 67                | 8/26/2020    |
| POWERS WATER CO., INC                          | IL0895550 | 2          | ONLY ONE WELL  | 214               | 1/8/2021     |
| PRAIRIE OAKS ESTATES HOMEOWNERS' ASSOCIATION   | IL0630060 | 2          | ONLY ONE WELL  | 107               | 1/29/2021    |
| PRAIRIE PATH WATER - CAMELOT                   | IL1975200 | 2          | ONLY ONE WELL  | 575               | 12/9/2020    |
| PRAIRIE PATH WATER - CHERRY HILL WATER COMPANY | IL1975280 | 2          | ONLY ONE WELL  | 624               | 12/9/2020    |



| SYSTEM NAME                        | SYSTEM ID | EPA REGION | NATURE OF PROBLEM  | POPULATION SERVED | LISTING DATE |
|------------------------------------|-----------|------------|--|-------------------|--------------|
| QUINCY                             | IL0010650 | 5          | INADEQUATE CLARIFIER CAPACITY                                | 45000             | 8/3/2016     |
| RAINBOW LANE MHP                   | IL2015645 | 1          | ONLY ONE WELL  | 83                | 12/4/2020    |
| RAINBOW RIDGE                      | IL1615580 | 1          | ONLY ONE WELL  | 46                | 8/14/2020    |
| REDDICK                            | IL0914780 | 2          | ONLY ONE WELL  | 196               | 1/8/2021     |
| RIDGEWOOD LEDGES WATER ASSOCIATION | IL1615670 | 1          | ONLY ONE WELL  | 300               | 6/24/2020    |
| ROLLING GREEN ESTATES MHP          | IL1415245 | 1          | ONLY ONE WELL  | 191               | 7/17/2020    |
| ROLLING MEADOWS MHC                | IL1415265 | 1          | ONLY ONE WELL  | 447               | 3/19/2024    |
| RUSTIC ACRES WATER ASSOCIATION     | IL0735500 | 1          | ONLY ONE WELL  | 260               | 1/6/2021     |
| SANTA FE ESTATES WATER ASSOCIATION | IL1435490 | 5          | ONLY ONE WELL  | 84                | 7/29/2020    |
| SEATON                             | IL1310350 | 1          | ONLY ONE WELL  | 200               | 7/2/2020     |
| SENECA MOBILE HOMES LLC            | IL0995425 | 1          | ONLY ONE WELL  | 10                | 8/26/2020    |
| SHERIDAN CORRECTIONAL CENTER       | IL0995840 | 1          | 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 HEIGHTS SUBDIVISION       | IL1615800 | 1          | ONLY ONE WELL  | 57                | 11/20/2020   |
| TENNANTS SHADY OAKS SUBDIVISION    | IL1615540 | 1          | ONLY ONE WELL  | 44                | 8/14/2020    |
| TIMBER BROOK ESTATES               | IL0735450 | 1          | ONLY ONE WELL  | 120               | 1/6/2021     |
| TIMBER RIDGE SUBDIVISION           | IL0735470 | 1          | ONLY ONE WELL  | 120               | 1/6/2021     |
| TISKILWA                           | IL0111050 | 1          | INADEQUATE STORAGE CAPACITY                                  | 830               | 9/20/2017    |
| TOWER RIDGE SUBDIVISION            | IL1615780 | 1          | ONLY ONE WELL  | 70                | 11/20/2020   |
| VALLEY VIEW MANOR                  | IL0195865 | 4          | ONLY ONE WELL  | 120               | 1/27/2021    |
| VALMEYER*                          | IL1330250 | 6          | INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY | 1263              | 5/21/2024    |
| VAN ORIN WATER COMPANY             | IL0115000 | 1          | ONLY ONE WELL  | 100               | 1/27/2021    |
| VICTORIA                           | IL0950550 | 5          | ONLY ONE WELL  | 316               | 1/13/2021    |
| WATER WERKS                        | IL1615130 | 1          | ONLY ONE WELL  | 90                | 8/5/2020     |
| WATERMAN                           | IL0370600 | 1          | ONLY ONE WELL  | 1506              | 1/27/2021    |
| WHITE HALL                         | IL0610400 | 6          | INADEQUATE STORAGE CAPACITY                                  | 2900              | 10/1/2012    |
| WINDCREST SUBDIVISION              | IL0730040 | 1          | ONLY ONE WELL  | 40                | 1/29/2021    |
| WINDING CREEK ESTATES              | IL1615850 | 1          | ONLY ONE WELL  | 160               | 11/20/2020   |
| WINSLOW                            | IL1770550 | 1          | ONLY ONE WELL  | 350               | 12/2/2020    |
| YATES CITY                         | IL0950700 | 5          | ONLY ONE WELL  | 750               | 1/13/2021    |
| YOUNGS HILLCREST MHP               | IL0190040 | 4          | ONLY ONE WELL  | 34                | 1/27/2021    |



**WATER SYSTEMS REMOVED FROM PREVIOUS LIST**

EHLERS MHP (from critical review only)  
NORTH CHICAGO  
PHIL-AIRE ESTATES MHP (from restricted status only)  
PRAIRIE VIEW WATER ASSOCIATION  
RAMSEY  
SHAWNITA TRC WATER ASSOCIATION  
VALLEY VIEW SUBDIVISION (Woodford County)

**\*WATER SYSTEMS ADDED**

ALEXANDER WATER DISTRICT  
BLACKHAWK ESTATES LLC  
CARBONDALE  
FOUNTAIN WATER DISTRICT  
LAKE OF EGYPT PWD  
MAEYSTOWN  
MEADOWS MENNONITE HOME  
NEW HOPE WATERWORKS CORP.  
VALMEYER  
VANDALIA

**\*\*WATER SYSTEM UPDATES**

EXETER - MERRITT WATER COOP  
GENESEO HICKORY HILLS HOA (formerly Hickory Hills 2nd Addition  
Water Assn)  
MOUNT ERIE  
PRAIRIE PATH WATER - BAHL WATER COMPANY





## 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 UPDATE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
Office of Toxicity Assessment



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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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 26, 2023

#### REASON FOR ACTION

On January 28, 2021, Illinois Environmental Protection Agency (Illinois EPA) issued a health advisory for Perfluorohexanoic Acid (PFHxA) as a result of a Per- and Polyfluoroalkyl Substances (PFAS) sampling initiative of community water supplies (CWS) undertaken by the Illinois Environmental Protection Agency (Illinois EPA), PFHxA has been confirmed in a well at a CWS. In accordance with 35 Illinois Administrative Code 620.605(a), the Illinois EPA is issuing a health advisory for PFHxA. Section 620.605(a) directs the Illinois EPA to issue a health advisory for a chemical substance if all of the following conditions are met:

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

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- 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 January 28, 2021, health advisory for PFHxA was 0.56 milligrams per liter (mg/L), or 560,000 nanograms per liter (ng/L) or parts per trillion (ppt). The health advisory guidance level was based on the State of Michigan Science Advisory Workgroup, published 2019.

On April 10, 2023, U.S. EPA, Integrated Risk Information System (IRIS) published its final toxicity assessment for PFHxA, resulting in Illinois EPA's issuance of an updated PFHxA health advisory guidance level of 0.0035 milligrams per liter (mg/L), or 3,500 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 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 0.0035 milligrams per liter (mg/L), or 3,500 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 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 IRIS is listed as a Tier 1 toxicity value source. The IRIS toxicological profile recommends a chronic oral reference dose (RfD) equal to 0.0005 (5E-04) mg/kg-day. The value is based on a critical effect of decreased offspring body weight in neonatal rats from exposure through gestation and lactation from a study by Loveless et. al., titled, “*Toxicological evaluation of sodium perfluorohexanoate,*” published in 2009. A benchmark dose 95% lower confidence limit at the 5% relative deviation response level (BMDL<sub>5RD</sub>) of 10.62 mg/kg-day was identified



and used as the point of departure (POD). A human equivalent dose POD ( $POD_{HED}$ ) 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 0.0035 milligrams per liter (mg/L), or 3,500 nanograms per liter (ng/L) or parts per trillion (ppt).

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

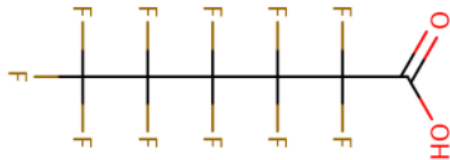
### General Description of PFHxA

Perfluorohexanoic Acid (PFHxA) (CASRN 307-24-4), also known as undecafluorohexanoic acid or PFHxA, is a synthetic chemical which is part of a larger class of chemicals referred to as per- and polyfluoroalkyl substances. PFAS have been manufactured since the middle 20<sup>th</sup> Century and are known for their chemical and physical properties that impart oil and water repellency, temperature resistance, and friction reduction to a wide range of products, including, but not limited to, textile coatings, paper products, food wrappers, cosmetic and personal care products, non-stick cookware and fire-fighting foams. PFAS are also used in the semiconductor, aerospace, oil production and mining, and metal plating industries, to name a few. PFAS enter the environment through industrial manufacturing and the use and disposal of PFAS-containing products. The chemical and physical properties of PFHxA make it mobile, persistent and bioaccumulative, meaning fish and other animals may accumulate PFHxA in animal tissue when



their food sources are contaminated with PFHxA. PFHxA is known to be persistent in the environment.

### Structural Identifier



### Chemical Identifier



### Potential Adverse Health Effects of PFHxA

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

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

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

### Carcinogenic Potential

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



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

**OVERVIEW OF KEY STUDIES**

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

**DERIVATION OF THE HEALTH ADVISORY FOR PFHxA**

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

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

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

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

Where:

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

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





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

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

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

Illinois EPA selected an 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 70 kilograms (kg), which is the assumed average body weight of an adult human per Section 620:

$$ADE = 0.0005 \text{ mg/kg-day} \cdot 70 \text{ kg} = 0.035 \text{ mg/day}$$

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, specified in Appendix A as equal to 2 L/day:

$$HTTAC \text{ (mg/L)} = \frac{0.20 \cdot 0.035 \text{ mg/day}}{2 \text{ L/day}}$$

$$HTTAC \text{ (mg/L)} = \frac{0.007 \text{ mg/day}}{2 \text{ L/day}}$$

$$HTTAC = 0.0035 \text{ mg/L}$$

or:

$$3,500 \text{ ng/L or ppt}$$



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 states the PFHxA MRL is 2 ng/L, which is below the calculated guidance level of 3,500 ng/L. Therefore, the guidance level is appropriate.

## REFERENCES

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

Loveless, SE; Slezak, B; Serex, T; Lewis, J; Mukerji, P; O'Connor, JC; Donner, EM; Frame, SR; Korzeniowski, SH; Buck, RC. 2009. Toxicological evaluation of sodium perfluorohexanoate. *Toxicology* 264: 32-44.

PCB (Pollution Control Board). Title 35: Environmental Protection: Subtitle F: Public Water Supplies: Chapter I: Pollution Control Board. Part 620: Groundwater Quality. Available at: <https://pcb.illinois.gov/SLR/IPCBandIEPAEnvironmentalRegulationsTitle35>

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

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# HEALTH ADVISORY SUMMARY LIST

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
Office of Toxicity Assessment



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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### HEALTH ADVISORY SUMMARY LIST

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

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

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

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

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

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

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



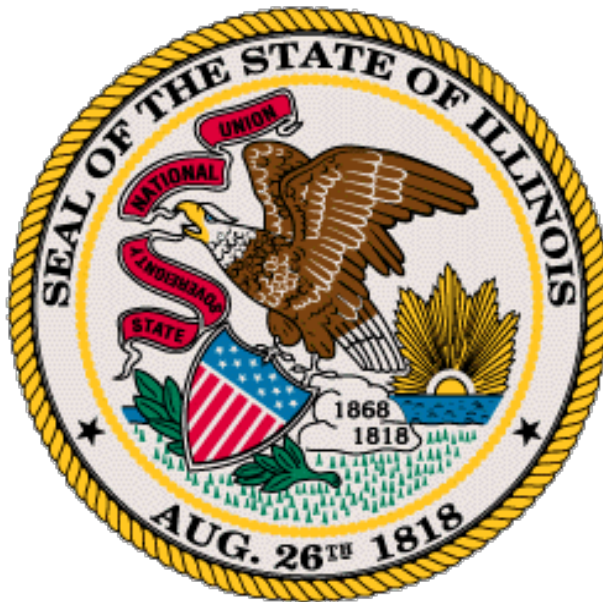
For more information regarding Illinois EPA Health Advisories, please refer to the following link:  
<https://epa.illinois.gov/topics/water-quality/pfas/pfas-healthadvisory.html>

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