



ENVIRONMENTAL REGISTER

January 16, 2026 – Number 776

A PUBLICATION OF THE ILLINOIS POLLUTION CONTROL BOARD

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

BOARD MEMBERS

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

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

INSIDE THIS ISSUE

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CHAIR'S UPDATE

In this issue of the *Environmental Register*, I highlight amendments to the Environmental Protection Act (415 ILCS 5) that took effect on January 1 of this year. To view the text of the amendments themselves, I include links to the six corresponding Public Acts from the 104th General Assembly.

- ❖ First, [Public Act 104-291](#) amended the Environmental Protection Act's provisions on the deductible that applies when seeking payment from the Underground Storage Tank (UST) Fund and the timing within which the Illinois Environmental Protection Agency must make determinations on payments from the UST Fund.
- ❖ Second, [Public Act 104-223](#) amended the Environmental Protection Act to provide that when a local government conducts a hearing to consider the siting of a proposed pollution control facility, the local government must conduct the hearing in a manner that is accessible to the public, including "individuals with disabilities and individuals who are not native speakers of English."
- ❖ Third, [Public Act 104-119](#) added to the Environmental Protection Act's provisions concerning carbon capture and sequestration a definition of "sole source aquifer", along with a prohibition on specified carbon sequestration activity.
- ❖ Fourth, [Public Act 104-215](#) amended the Environmental Protection Act to require that the Illinois Environmental Protection Agency adopt rules—to take effect by January 1, 2030—requiring any information that must be submitted to the Illinois Environmental Protection Agency be submitted electronically.
- ❖ Fifth, [Public Act 104-219](#) amended the Environmental Protection Act to allow the reuse of treated municipal wastewater for industrial purposes under specified conditions.
- ❖ Sixth and lastly, [Public Act 104-277](#) amended the Environmental Protection Act to specify that the design review and permitting of water mains and fire hydrants "is the sole responsibility of the [Illinois Environmental Protection] Agency," and that water mains and fire hydrants must be installed in compliance the Illinois Environmental Protection Agency's permit.

For more information on the work of the General Assembly, please consult the [Illinois General Assembly's website](#).

Sincerely,



Barbara Flynn Currie
Chair



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

Lakeshore Recycling Systems, LLC v. Pollution Control Board, American Disposal Services, Inc., d/b/a Republic Services of Bloomington, McLean County, Illinois and McLean County Board

2025 IL App (4th) 241422-U

Board docket PCB 24-65

Lakeshore Recycling Systems, LLC (LRS), a waste management company, appealed the decision of the Illinois Pollution Control Board (IPCB) vacating the siting approval granted by the McLean County Board to LRS for its proposed waste transfer station. LRS argued to the Fourth District Appellate Court that the IPCB erred in finding LRS failed to comply with prefiling notice requirements of Section 39.2(b) of the Environmental Protection Act (Act) (415 ILCS 5/39.2(b) (2024)). The Fourth District issued a unanimous order on October 21, 2025, affirming the IPCB. 2025 IL App (4th) 241422-U, ¶¶ 3, 34, 35.

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

No later than 14 days before the date on which the county board or governing body of the municipality receives a request for site approval, the applicant shall cause written notice of such request to be served either in person or by registered mail, return receipt requested, on . . . the owners of all property within 250 feet in each direction of the lot line of the subject property, said owners being such persons or entities which appear from the authentic tax records of the County in which such facility is to be located. 415 ILCS 5/39.2(b) (2024).

The dispute over compliance with Section 39.2(b) centered on the meaning of “the lot line of the subject property.” 2025 IL App (4th) 241422-U, ¶ 18.

On August 18, 2023, the McLean County Board received LRS’ application for siting approval of its proposed transfer station, which would be located on a 3.09-acre site within the 42-acre Henson Recycling Campus (Campus). 2025 IL App (4th) 241422-U, ¶ 5. A legal description of the 3.09-acre site was included in the siting application. *Id.* The prior month, on July 25, 2023, LRS had sent—to owners of property within 250 feet of the 3.09-acre site—notice of its intent to submit the siting application to the County Board. *Id.* at ¶ 11. On February 14, 2024, the County Board granted siting approval for LRS’ transfer station. *Id.* at ¶ 8.

Another waste management company, American Disposal Company, Inc., doing business as “Republic Services of Bloomington” (Republic), appealed the County Board’s decision to the IPCB. Republic claimed that the relevant lot line for service of notice was the lot line of the 42-acre Campus, and further that LRS failed to comply with Section 39.2(b) of the Act by not serving notice on all owners of property within 250 feet of that lot line. 2025 IL App (4th) 241422-U, ¶¶ 7, 9.

The IPCB found that the 3.09-acre site did not exist as a separate lot in McLean County’s authentic tax records until *after* LRS sent its notice to neighboring property owners. 2025 IL App (4th) 241422-U, ¶¶ 11, 18. When



LRS sent its notice, McLean County's authentic tax records showed the entire Campus as one property. *Id.* at ¶ 18. Accordingly, for Section 39.2(b) notice, the IPCB found that the relevant lot line to measure the 250 feet was the lot line of the Campus. *Id.* And it was uncontested that LRS did not serve notice on the owners of a manufactured home community located within 250 feet of the Campus' lot line. *Id.* at ¶¶ 11, 16. The IPCB held that because LRS did not comply with Section 39.2(b), the County Board lacked jurisdiction over LRS' application. ¶¶ at 10, 12. Therefore, the IPCB vacated the County Board's siting approval. *Id.* at ¶ 10.

Before the Fourth District Appellate Court, LRS argued that Section 39.2(b) requires looking to the county's authentic tax records only to determine the *owners* of the neighboring properties, and it is the siting applicant who defines the "subject property." 2025 IL App (4th) 241422-U, ¶ 19. The Appellate Court found the relevant text of Section 39.2(b) to be "ambiguous": although the text "does not state explicitly that the tax records determine the boundaries of the subject property," it also "does not explicitly support LRS's contention that each applicant defines the boundaries of the subject property." *Id.* at ¶ 22.

The Appellate Court observed that when the statutory text "does not conclusively resolve" the issue in either side's favor, "courts afford some deference to an agency's interpretations of the statutes it administers." 2025 IL App (4th) 241422-U, ¶ 23. The Fourth District determined that Section 39.2(b) "does not invoke the applicant's definition of the site at all," but its reference to authentic tax records does provide "useful context for defining the 'lot lines.'" *Id.* at ¶ 24. Further, the Appellate Court found "compelling" the reasoning of Environmental Control Systems, Inc. v. Long, 301 Ill. App. 3d 612, 623 (5th Dist. 1998), which it described as follows:

if each applicant could define the boundaries of the subject property without reference to the authentic tax records, an applicant could avoid the notification requirement if the proposed facility was located within a lot that surrounded it by at least 250 feet on all sides. The PCB reasonably did not read section 39.2 in this way. 2025 IL App (4th) 241422-U, ¶ 29 (citation omitted).

Here is a link to the Fourth District Appellate Court's [order](#). On November 25, 2025, Henson Disposal, LLC, which was substituted for LRS as petitioner, filed a petition with the Illinois Supreme Court for leave to appeal the Appellate Court's order.



BOARD ACTIONS

November 6, 2025 Regular Meeting By videoconference in Chicago and Springfield

RULEMAKING

[R25-1](#)

SDWA Update, USEPA Regulations (January 1, 2024 through June 30, 2024)

[R25-9](#)

SDWA Update, USEPA Regulations (July 1, 2024 through December 31,

[Consol.](#)

2024) (Public Water Supply) – The Board granted the United States Environmental Protection Agency motion to extend the public comment period for 30 days until January 8, 2026.

ADJUDICATORY CASES

[PCB 23-134](#)

People of the State of Illinois v. Robert Wietholder and Desmond Jarvis (Land, Air – Enforcement) – The Board granted the People’s motion to deem facts admitted and for summary judgment as to R. Wietholder but denied the motion as to D. Jarvis. The Board therefore found that R. Wietholder violated Sections 9(a), 9(c), 21(a), 21(d)(1), 21(e), 21(p)(1), and 21(p)(3) of the Environmental Protection Act (415 ILCS 5/9(a), 9(c), 21(a), 21(d)(1), 21(e), 21(p)(1), 21(p)(3) (2024)), as alleged in the People’s complaint. The Board also ordered R. Wietholder to pay a \$7,500 civil penalty, as the People’s motion requested. Finally, because record did not show that D. Jarvis had been served with the People’s motion, the Board denied the motion as to him.

[PCB 25-5](#)

R.W. Sheridan Oil Co., Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted R.W. Sheridan’s motion to voluntarily dismiss this appeal and closed the docket.

[PCB 25-64](#)

People of the State of Illinois v. 380 South Elgin, LLC (Air – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning 380 South Elgin’s Kane County gas station, the Board directed the Clerk to provide the required newspaper notice.

[PCB 26-1](#)

BP Products North America Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted BP Products North America’s motion to voluntarily dismiss this appeal and closed the docket.



- PCB 26-3** People of the State of Illinois v. Franklin Discount Tires, Inc. (Land – Enforcement) – The Board granted the People’s unopposed motion to deem facts admitted and for summary judgment. The Board therefore found that Franklin Discount Tires violated Sections 55(a)(3), 55(c), 55(e), 55(k)(1), 55(k)(2), 55(k)(3), 55.8(a)(1), 55.8(a)(1.5), 55.9, and 55.10 of the Environmental Protection Act (415 ILCS 5/55(a)(3), 55(c), 55(e), 55(k)(1), 55(k)(2), 55(k)(3), 55.8(a)(1), 55.8(a)(1.5), 55.9, 55.10 (2024)) and Section 848.607(a) of the Board’s used and waste tire management rules (35 Ill. Adm. Code 848.607(a)), as alleged in the People’s complaint. The Board also ordered Franklin Discount Tires to pay a \$20,000 civil penalty, as the People’s motion requested.
- PCB 26-4** Heartland Recycling LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – Because Heartland Recycling failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.
- PCB 26-17** People of the State of Illinois v. Saluki Homes, LLC (Water, NPDES – Enforcement) – In this enforcement action concerning a Jackson County wastewater treatment plant, the Board granted relief from the hearing requirement of Section 31(c)(1) of the Environmental Protection Act (415 ILCS 5/31(c)(1) (2024)), accepted a stipulation and proposed settlement, and ordered Saluki Homes to pay a \$20,000 civil penalty and to cease and desist from further violations.
- PCB 26-26** Andy Anderson v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Anderson’s livestock waste management structures in Bureau County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-27** Spangler Farms v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Spangler Farms’ livestock waste management structures in Fulton County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-28** People of the State of Illinois v. M&A Precision Truck and Auto Repair, Inc. (Water, Land – Enforcement) – The Board accepted for hearing the People’s complaint concerning M&A’s diesel truck maintenance and repair facility in McHenry County.



- PCB 26-29** Frieders Grain to Bacon v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that Frieders’ livestock waste management structures in DeKalb County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-30** BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board accepted for hearing this permit appeal involving a Lake County landfill.
- PCB 26-31** Modern Plating Corporation v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to February 9, 2026.
- PCB 26-32** Guraya, Inc. d/b/a Orion Mart v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend this appeal period to January 26, 2026.
- PCB 26-33** People of the State of Illinois v. Paragon Pork, Inc. and Kintzle Construction, Inc. (Water, NPDES – Enforcement) – The Board accepted for hearing the People’s complaint concerning an Ogle County farrow-to-wean swine operation owned and operated by Paragon Pork and the land application of Paragon Pork’s livestock waste by Kintzle Construction onto Paragon Pork’s fields bordering the farrow-to-wean swine operation.

November 20, 2025 Regular Meeting
By videoconference in Chicago and Springfield

ADJUDICATORY CASES

- PCB 21-26** People of the State of Illinois v. Birch Creek Timber, LLC and Leon Stutzman (Air, Land – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning two sites in Greene County, the Board directed the Clerk to provide the required newspaper notice.
- PCB 24-43** Illinois Power Generating Company v. Illinois Environmental Protection Agency (Land, CCR – Appeal) – The Board denied IPGC’s and IEPA’s cross-motions for summary judgment.



- PCB 24-67** People of the State of Illinois v. Titan Industries, Inc. d/b/a Mackinaw Valley Powder Coating; and MR Real Properties, LLC (Air, Land, RCRA – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning a powder coating facility in Tazewell County, the Board directed the Clerk to provide the required newspaper notice.
- PCB 26-34** DKT Farms Ltd. – Fulton v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that DKT Farms’ livestock waste management structures in Whiteside County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-35** Six M Corporation, Inc. v. Illinois Environmental Protection Agency (UST Appeal) – The Board accepted for hearing this leaking underground storage tank (UST) appeal involving a DeWitt County gas station.
- PCB 26-36** England Farms, Inc. v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that England Farms’ livestock waste management structures in Knox County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-37** Lance DeDecker – Cambridge v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that DeDecker’s livestock waste management structures in Henry County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).
- PCB 26-38** Lance DeDecker – Cambridge v. Illinois Environmental Protection Agency (Water – Tax Certification) – The Board found and certified that DeDecker’s livestock waste management structures in Henry County are pollution control facilities for preferential tax treatment under the Property Tax Code (35 ILCS 200/11-10 (2024)).



December 4, 2025 Regular Meeting
By videoconference in Chicago and Springfield

RULEMAKING

- [**R25-15**](#) National Ambient Air Quality Standards (NAAQS), USEPA Amendments (July 1, 2024 through December 31, 2024)
- [**R26-7**](#) National Ambient Air Quality Standards (NAAQS), USEPA Amendments (January 1, 2025 through June 30, 2025)
- [**R26-15**](#) National Ambient Air Quality Standards (NAAQS), USEPA Amendments (July 1, 2025 through December 31, 2025) (Air) – The Board adopted an order consolidating these three “identical-in-substance” dockets, and extending the due date for final action until December 23, 2026.

ADMINISTRATIVE CITATIONS

- [**AC 26-3**](#) Illinois Environmental Protection Agency v. Randy W. Johnson (Land) – The Board accepted the Johnson’s petition as timely filed but directed him to file, by January 20, 2026, an amended petition correcting identified deficiencies.

ADJUDICATORY CASES

- [**PCB 24-29**](#) BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board denied IEPA’s motion to consolidate this appeal with the PCB 25-12 appeal and the PCB 25-44 appeal. The Board therefore also directed the hearing officer to hold a separate hearing in each appeal.
- [**PCB 24-81**](#) Marine Bank Springfield Trust #53-0051 v. Illinois Environmental Protection Agency (UST Appeal) – Upon granting Marine Bank’s unopposed motion for summary judgment, the Board reversed IEPA’s \$8,884.41 deduction from Marine Bank’s corrective action plan budget. The Board therefore also directed the parties to address Marine Bank’s request for Underground Storage Tank Fund reimbursement of its legal fees.
- [**PCB 25-8**](#) People of the State of Illinois v. Motor City Chevrolet GMC, Inc. (Land, RCRA, Water – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning Motor City Chevrolet GMC’s automobile dealership in Henry County, the Board directed the Clerk to provide the required newspaper notice.
- [**PCB 25-12**](#) BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board denied IEPA’s motion to consolidate this appeal with the PCB 24-29 appeal and the PCB 25-44 appeal. The Board therefore also directed the hearing officer to hold a separate hearing in each appeal.



- PCB 25-44** BFI Waste Systems of North America, LLC v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board denied IEPA’s motion to consolidate this appeal with the PCB 24-29 appeal and the PCB 25-12 appeal. The Board therefore also directed the hearing officer to hold a separate hearing in each appeal.
- PCB 26-25** People of the State of Illinois v. Aurelio Zapata, d/b/a Chi-Town Customs Incorporated (Land – Enforcement) – Upon receiving a stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning Zapata’s retail tire business in Cook County, the Board directed the Clerk to provide the required newspaper notice.
- PCB 26-39** Waste Management of Illinois, Inc., d/b/a CID Recycling & Disposal Facility v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – The Board granted the parties’ request to extend the appeal period to March 9, 2026.

December 18, 2025 Regular Meeting
By videoconference in Chicago and Springfield

ADJUDICATORY CASES

- PCB 25-64** People of the State of Illinois v. 380 South Elgin, LLC (Air – Enforcement) – In this enforcement action concerning a Kane 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) (2024)), accepted a stipulation and proposed settlement, and ordered 380 South Elgin to pay a \$5,000 civil penalty and to cease and desist from further violations.
- PCB 26-16** Illinois International Port District and Clean Harbors Services, Inc. v. Illinois Environmental Protection Agency (Land, RCRA – Permit Appeal) – Because Illinois International Port District and Clean Harbors Services failed to file a petition during the extended appeal period, the Board dismissed the case and closed the docket.
- PCB 26-40** Singh Inc. of Illinois v. Illinois Environmental Protection Agency (UST Appeal) – The Board granted the parties’ request to extend the appeal period to March 17, 2026
- PCB 26-41** People of the State of Illinois v. City of La Harpe (Land – Enforcement) – Upon receiving a complaint, stipulation, proposed settlement, and motion for relief from the hearing requirement in this enforcement action concerning the City of La Harpe’s former water treatment plant in Hancock County, the Board accepted the complaint and directed the Clerk to provide the required newspaper notice of the settlement-related filings.



CALENDAR

Thursday, January 22, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, February 5, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, February 19, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, March 5, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, March 5, 2026 (11:10 AM)

Hearing by videoconference: National Ambient Air Quality Standards (NAAQS), USEPA Amendments (July 1, 2024 through December 31, 2025), dockets R25-15, R26-7, and R26-15 (consol.)

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, March 19, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield

Thursday, April 2, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508, Springfield



Thursday, April 16, 2026 (11:00 AM)

Board meeting by videoconference

555 W. Monroe St., Illinois Room, Ground Floor, Chicago and 2520 West Iles Avenue, Conf. Room 1.508,
Springfield

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



GROUNDWATER MANAGEMENT ZONES



Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield, Illinois • 62794-9276 • 217-782-3397

JB Pritzker, Governor

James Jennings, Acting Director

Groundwater Management Zones As of January 1, 2026

Illinois EPA ID No. (W indicates Bureau of Water Facilities. Bureau of Land Facilities are numerals only.)	Facility Name	Closest Municipality	County
0018010001	Quincy Municipal 4	Quincy	Adams
0050050001	D & L Landfill	Greenville	Bond
0070050002	MIG/DeWane Landfill	Belvidere	Boone
0070050006	Belvidere Municipal 2	Belvidere	Boone
0110850001	Princeton Municipal	Princeton	Bureau
W0198130001	Peoples Gas	Mahomet	Champaign
0218160007	CIPS Taylorville	Taylorville	Christian
W0278080006	Monterey Mine #2	Albers	Clinton
0310390001	CID Recycling & Disposal Facility	Calumet City	Cook
0310630001	Des Plaines Landfill	Des Plaines	Cook
0311860003	Trex Corporation	Melrose Park	Cook
0316000037	Honeywell (Cicero)	Cicero	Cook
W0330100003	Hutsonville Station	Hutsonville	Crawford
0378020001	Dekalb County Landfill	DeKalb	DeKalb
0418080002	Equistar Chemicals	Tuscola	Douglas
0438020002	Argonne National Lab	Lemont	DuPage
0450305008	*R.L. Magers, Inc.	Paris	Edgar
0570255197	Duck Creek Ash LF	Canton	Fulton
W0578010001	Duck Creek Ash Ponds 1 and 2	Canton	Fulton
W0598040004	Eagle 2 Mine	Junction	Gallatin
0678150001	Carthage Muni	Carthage	Hancock
0770200002	Southern Illinois Regional Landfill	Desoto	Jackson
W0770400003	Grand Tower Generating	Grand Tower	Jackson

2125 S. First Street, Champaign, IL 61820 • 217-278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 • 618-346-5120
595 S. State Street, Elgin, IL 60123 • 847-608-3131
412 SW Washington Street, Suite D, Peoria, IL 61602 • 309-671-3022



115 S. LaSalle Street, Suite 2203, Chicago, IL 60603
9511 Harrison Street, Des Plaines, IL 60016 • 847-294-4000
2309 W. Main Street, Suite 116, Marion, IL 62959 • 618-993-7200
4302 N. Main Street, Rockford, IL 61103 • 815-987-7760

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Illinois EPA ID No. (W indicates Bureau of Water Facilities. Bureau of Land Facilities are numerals only.)	Facility Name	Closest Municipality	County
0798080002	Newton Power Station LF Phase 1	Newton	Jasper
0838000001	Principia College	Elsah	Jersey
0958160002	Knox County Landfill Combined Phase I/II	Oneida	Knox
0971900047	Outboard Marine (OMC) OU2 - North Shore Gas (NSG) MGP/Waukegan Gas and Coke Plant	Waukegan	Lake
1038010002	Dixon/Grop Landfill	Dixon	Lee
1158040008	Advanced Disposal Valley View Landfill	Decatur	Macon
1171200001	Wilsonville Earthline	Wilsonville	Macoupin
W1174100012	Springfield Coal, Crown II	Virden	Macoupin
W1178030006	Macoupin Energy Shay #1	Carlinville	Macoupin
W1178990018	Springfield Coal, Crown III	Farmersville	Macoupin
1190400006	Vertellus Trust	Granite City	Madison
1190505061	KMPH Wood River Terminal	Hartford	Madison
1190650001	Greenfield Multistate Trust	Madison	Madison
1190900002	Roxana Landfill	Edwardsville	Madison
1191150001	BP Products/Main Plant	Wood River	Madison
1191150002	Equilon dba Shell Oil Products US	Roxana	Madison
1191155009	BP Products/Riverfront	Wood River	Madison
W1190200004	Wood River Station	East Alton	Madison
1098100003	Envirofil of IL Landfill, Inc	Macomb	McDonough
1110950001	Woodstock Municipal Landfill	Woodstock	McHenry
W1370300005	Meredosia Station	Meredosia	Morgan
1418030020	Rochelle Municipal #2	Rochelle	Ogle
1430050001	Liberty Steel & Wire (Keystone)	Peoria	Peoria
W1490650005	Prairie Power Pearl Ash Pond	Pearl	Pike
W1550100002	Hennepin West 1 & 3	Hennepin	Putnam
W1550100002	Hennepin East 2 and 4	Hennepin	Putnam
W1578510001	Baldwin Fly Ash Complex	Baldwin	Randolph



Illinois EPA ID No. (W indicates Bureau of Water Facilities. Bureau of Land Facilities are numerals only.)	Facility Name	Closest Municipality	County
1618100004	East Moline Municipal	East Moline	Rock Island
1678220037	Sangamon Valley Landfill	Springfield	Sangamon
1630450001	Milam RDF	East St. Louis	St. Clair
1638140001	Belleville Landfill Inc	Belleville	St. Clair
W1191050002	Venice Station	Brooklyn	St. Clair
W1638000005	Chemtrade Logistics	Fairmont	St. Clair
1770200002	Freeport Municipal 2 & 3	Freeport	Stephenson
1770200010	Modern Plating Corporation	Freeport	Stephenson
W1798010008	Powerton Generating Station	Pekin	Tazewell
W1838030004	Riola Mine	Georgetown	Vermilion
1830450009	Illinois Landfill	Hoopeston	Vermilion
W1898080005	Prairie State Generating	Oakdale	Washington
1958140003	Whiteside County Landfill #2	Morrison	Whiteside
1970450002	Laraway Recycling & Disposal	Joliet	Will
1970450027	Joliet Army Ammunition Plant	Wilmington	Will
1970500012	Chevron Environmental Services	Lockport	Will
1978030004	Citgo	Lemont	Will
W1970450047	Joliet 29	Joliet	Will
W1978100011	Will County Station	Romeoville	Will
W1998600002	SIPC Emery Pond	Goreville	Williamson
2010300018	Interstate Pollution Control	Rockford	Winnebago
2010300034	Pierce Biotechnology Inc.	Rockford	Winnebago
2010300074	South East Rockford - Area 7	Rockford	Winnebago
2010300074	South East Rockford Area 9/10	Rockford	Winnebago
2018000002	Clean Harbors/Pecatonica	Pecatonica	Winnebago
2018080001	Winnebago (Northern/Southern Unit)	Rockford	Winnebago
<p>*Ill. Adm. Code 620.450(a)(5) List of concentrations of constituents above applicable GWQS per Section 620.450(a)(4)(B) [as of 1/1/26]:</p> <p>Class II GWQS: tetrachloroethylene 1.1 mg/L, trichloroethylene 0.42 mg/L, dichloroethylene 0.57 mg/L, vinyl chloride 0.145 mg/L</p>			



RESTRICTED STATUS / CRITICAL REVIEW LISTS

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY Division of Public Water Supplies



Illinois Environmental Protection Agency Division of Public Water Supplies Restricted Status List – Community Water Supplies January 2026

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
ALBION	IL0470050	7	MANGANESE MCL VIOLATION	2839	1/19/2022
ALTO PASS WATER DISTRICT	IL1815150	7	INADEQUATE SOURCE CAPACITY	1015	6/30/2021
ANDOVER	IL0730100	1	ONLY ONE WELL	565	3/24/2016
AQUA ILLINOIS - OAK RUN	IL0955200	5	NSF/ANSI STANDARD 60 VIOLATION	1800	1/27/2023
ATLANTA	IL1070050	5	MINIMUM CHLORINE RESIDUAL VIOLATION	1692	3/23/2022
AVANTARA LONG GROVE	IL0971110	2	INADEQUATE PRESSURE TANK	200	12/1/2003
BARBERRY ACRES MHP	IL0915145	2	INADEQUATE PRESSURE TANK	50	10/4/1983
BATCHTOWN	IL0130050	6	INADEQUATE STORAGE CAPACITY	290	11/14/2023
BAYLES LAKE LOT OWNERS ASSOCIATION	IL0755110	4	NO ELEVATED OR GROUND STORAGE	645	12/13/2023
BILL-MAR HEIGHTS MHP	IL2015345	1	INADEQUATE PRESSURE TANK	240	3/18/1983
BONNIE	IL0810150	7	NO ELEVATED OR GROUND STORAGE	437	7/20/2018
BROADVIEW ESTATES EAST PEORIA	IL1795365	5	INADEQUATE PUMPING CAPACITY	89	3/18/1983
BUCKINGHAM	IL0910250	2	INADEQUATE PRESSURE TANK	300	12/15/2023
BUFFALO HOLLOW FARMS WATER ASSOCIATION	IL1430080	5	INADEQUATE PRESSURE TANK	45	6/16/2008
BUSY BEE MHP #1	IL1975195	2	INADEQUATE PRESSURE TANK	25	7/15/2022
CAMARGO	IL0410100	4	TOTAL TRICHALOMETHANES MCL VIOLATION	750	3/21/2025
CAPRON MHP	IL0075105	1	INADEQUATE PRESSURE TANK	90	3/18/1983



SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
CARBON CLIFF	IL1610100	1	COMBINED RADIUM MCL VIOLATION	2134	2/13/2025
CENTRAL MACOUPIN RURAL WATER DISTRICT	IL1170040	5	MINIMUM CHLORINE RESIDUAL VIOLATION	1883	8/29/2018
CENTURY PINES APARTMENTS	IL0150020	1	INADEQUATE PRESSURE TANK	25	12/14/1990
CHAIN-O-LAKES MHP	IL0975165	2	INADEQUATE PRESSURE TANK	84	12/15/1989
CHESTERFIELD	IL1170200	5	MINIMUM CHLORINE RESIDUAL VIOLATION	170	8/29/2018
CLARKS MHP	IL2015425	1	INADEQUATE PRESSURE TANK	90	12/16/1991
COBDEN	IL1810150	7	INADEQUATE SOURCE CAPACITY	1267	6/30/2021
COLONIAL MEADOWS	IL1135100	6	MINIMUM CHLORINE RESIDUAL VIOLATION INADEQUATE SOURCE CAPACITY AND	190	9/19/2018
COOKS MILLS WATER ASSOCIATION	IL0295200	4	INADEQUATE TREATMENT CAPACITY	720	12/29/2021
COUNTRY ESTATES SUBDIVISION	IL0735050	1	INADEQUATE SOURCE CAPACITY TO MEET THE NITRATE MCL	188	8/8/2025
CRISWELL COURT MHP	IL1975105	2	INADEQUATE PRESSURE TANK	94	12/15/1989
DAYSPRING BIBLE COLLEGE (north area)	IL0977189	2	INADEQUATE PRESSURE TANK INADEQUATE SOURCE CAPACITY; NO	52	6/15/1988
DES PLAINES MHP	IL0317775	2	GROUND OR ELEVATED STORAGE; AND A GROSS ALPHA MCL VIOLATION	405	3/16/1984 & 8/26/2022
DIXMOOR	IL0310660	2	NO ELEVATED OR PRESSURE STORAGE	2973	2/24/2023
EAST END WATER ASSOCIATION	IL1610140	1	INADEQUATE PRESSURE TANK	40	3/15/2002
EAST MORELAND WATER ASSOCIATION	IL1975600	2	NO ELEVATED OR GROUND STORAGE	1320	9/9/2016
EDELSTEIN WATER COOPERATIVE	IL1435150	5	INADEQUATE GROUND STORAGE TOTAL	113	1/1/2015
EDINBURG	IL0210150	5	TRICHALOMETHANES MCL VIOLATION	1068	12/16/2022
EHLERS MHP	IL0195645	4	INADEQUATE PRESSURE TANK	112	12/17/1982
EJ WATER - DEWEY	IL0195200	4	ONLY ONE WELL LOW SYSTEM	200	7/11/2025
ELIZABETH (upper elevation area)	IL0850150	1	PRESSURE TOTAL	802	6/15/1999
EXETER - MERRITT WATER COOP	IL1710010	5	TRICHALOMETHANES MCL VIOLATION AND INADEQUATE STORAGE CAPACITY	820	10/1/2013 & 9/4/2024



FALCON FARMS	IL1617635	1	NO ELEVATED OR GROUND STORAGE	350	10/31/2019
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
FAYETTE WATER COMPANY	IL0510010	6	TOTAL HALOACETIC ACID MCL VIOLATION	5608	1/16/2026
FORD HEIGHTS	IL0310720	2	MINIMUM CHLORINE RESIDUAL VIOLATION	1813	12/9/2022
FOUR STAR CAMPGROUND	IL0990060	1	INADEQUATE PRESSURE TANK	250	6/15/1999
GOLCONDA	IL1510100	7	TOTAL TRIHALOMETHANES MCL VIOLATION	630	7/11/2025
HETTICK	IL1170500	5	MINIMUM CHLORINE RESIDUAL VIOLATION	174	6/30/2021
HIGHLAND SUBDIVISON	IL0895530	2	INADEQUATE PRESSURE TANK	40	9/16/1983
HILLCREST	IL1410250	1	INADEQUATE SOURCE CAPACITY	1224	2/13/2018
HILLSDALE ESTATES, LLC	IL1615530	1	INADEQUATE PRESSURE TANK	163	3/18/1983
HILLSDALE PROPERTIES	IL1615728	1	INADEQUATE PRESSURE TANK	66	1/14/1982
HOLLY HOCK HILL MHP	IL0975245	2	INADEQUATE PRESSURE TANK	47	12/16/1983
HONEYCUTT HILL MHP LLC	IL1955225	1	INADEQUATE PRESSURE TANK	75	9/17/1982
IL AMERICAN - ANDALUSIA (upper elevation area)	IL1610050	1	LOW SYSTEM PRESSURE	1184	10/1/2003
INGALLS PARK SUBDIVISION	IL1975880	2	NO ELEVATED OR GROUND STORAGE	744	9/16/1983
LAKE BLUFF ESTATES MHP	IL0975585	2	INADEQUATE PRESSURE TANK	165	12/16/1983
LAND AND WATER ASSOCIATION	IL0995050	1	COMBINED RADIUM MCL VIOLATION	83	8/26/2022
LE ROY	IL1130750	4	MINIMUM CHLORINE RESIDUAL VIOLATION & TOTAL HALOACETIC ACID MCL VIOLATION MANGANESE MCL VIOLATION	3498	2/16/2024 & 8/21/2025
LEWISTOWN	IL0570600	5	INADEQUATE GROUND STORAGE CAPACITY	2400	12/29/2021
LIBERTY PARK HOMEOWNERS' ASSOCIATION	IL0435600	2	NO ELEVATED OR GROUND STORAGE	950	9/17/1992
LINWAY ESTATES MHP	IL0315935	2	GROUND STORAGE CAPACITY	380	2/28/2017
LISBON NORTH, INC.	IL0631000	2	INADEQUATE PRESSURE TANK	25	9/14/1990
LONDON MILLS	IL0574620	5	INADEQUATE SOURCE CAPACITY	400	7/13/2022
LONGVIEW	IL0190350	4	TOTAL HALOACETIC ACID MCL VIOLATION	146	8/21/2025



LYNNWOOD WATER CORPORATION	IL0995336	1	INADEQUATE PRESSURE TANK	100	3/18/1983
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
MALTA	IL0370350	1	NO AUTO-START GENERATOR & INADEQUATE HIGH SERVICE PUMP CAPACITY	1143	6/15/2012
MANTENO MHP	IL0915385	2	INADEQUATE PRESSURE TANK	144	12/14/1990
MARENGO	IL1110650	2	INADEQUATE SOURCE WATER TREATMENT	7572	8/19/2022
MILLSTONE PWD	IL1515050	7	TOTAL TRICHALOMETHANES MCL VIOLATION	5565	8/21/2025
NEW HAVEN	IL0590150	7	ONLY ONE WELL	424	11/27/2024
OAK RIDGE SANITARY DISTRICT	IL2035300	1	INADEQUATE PRESSURE TANK	300	3/20/1981
OSCO MUTUAL WATER SUPPLY COMPANY, INC.	IL0735200	1	INADEQUATE HIGH SERVICE PUMP CAPACITY AND ONLY ONE WELL	80	12/15/1989 & 5/2/2025
OTTAWA ESTATES MHP	IL0995225	1	INADEQUATE PRESSURE TANK	70	3/18/1983
PAULS MHP	IL0975485	2	INADEQUATE PRESSURE TANK	38	12/16/1983
PEORIA HEIGHTS	IL1434750	5	MANGANESE MCL VIOLATION	5908	12/29/2021
POLO DR AND SADDLE RD SUBDIVISION	IL0437000	2	INADEQUATE CHLORINE RESIDUAL AND NO EMERGENCY POWER	93	1/26/2024
PORT BYRON	IL1610550	1	MANGANESE MCL VIOLATION	1668	1/19/2022
PORTS SULLIVAN LAKE OWNERS' ASSOCIATION	IL0971160	2	INADEQUATE PRESSURE TANK	293	6/15/1999
PRAIRIE PATH WATER - BAHL WATER COMPANY	IL0855200	1	NO ELEVATED OR GROUND STORAGE	700	12/15/1993
PRAIRIE PATH WATER - WALK-UP WOODS WATER COMPANY	IL1115800	2	NO ELEVATED OR GROUND STORAGE	775	12/17/1982
PRAIRIE ROAD PUMP ASSOCIATION	IL2015100	1	INADEQUATE PRESSURE TANK	150	1/1/2006
RAINBOW LANE MHP	IL2015645	1	INADEQUATE PRESSURE TANK	83	6/17/1983
RAMSEY	IL0510200	6	TOTAL HALOACETIC ACID MCL VIOLATION	966	1/16/2026
RIO	IL0950450	5	NSF/ANSI STANDARD 60 VIOLATION	265	11/3/2023
ROYAL OAKS MHP	IL1115145	2	INADEQUATE PRESSURE TANK	170	6/17/1983
SCALES MOUND	IL0850400	1	LOW SYSTEM PRESSURE (at elev. above 990 ft. MSL)	436	9/15/1997
SECOR	IL2030600	1	ARSENIC MCL VIOLATION	351	11/8/2023



SENECA MOBILE HOMES LLC	IL0995425	1	INADEQUATE PRESSURE TANK; COMBINED RADIUM AND GROSS ALPHA MCL VIOLATIONS	10	9/17/1982, 1/23/2025 & 10/9/2025
SHANGRI-LA MHP	IL1415285	1	INADEQUATE PRESSURE TANK	475	9/16/1983
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
SILVIS HEIGHTS WATER CORP	IL1615750	1	NO EMERGENCY GENERATOR	1450	12/1/2003
SIX OAKS MHP	IL2015685	1	INADEQUATE PRESSURE TANK	48	6/18/1982
SOUTH JACKSONVILLE	IL1370400	5	INADEQUATE SOURCE CAPACITY	3508	8/19/2022
SOUTH PEKIN	IL1790650	5	MANGANESE MCL VIOLATION	1146	1/19/2022
SPIN LAKE HOMEOWNERS' ASSOCIATION	IL1135140	4	NITRITE MCL VIOLATION	200	10/1/2021
SPRING VALLEY	IL0111000	1	ONLY ONE WELL	5582	11/1/2024
STEELEVILLE	IL1570650	6	COMBINED RADIUM MCL VIOLATION	1930	10/23/2024
STONETOWN EDGEWOOD TERRACE LLC	IL1795345	5	INADEQUATE CHLORINE RESIDUAL	248	10/28/2022
STRONGHURST	IL0710400	5	INADEQUATE SOURCE CAPACITY	950	5/1/2025
SUNNY HILLS ESTATES SUBDIVISION	IL0735300	1	INADEQUATE PRESSURE TANK OR NOT MEETING ALL REQUIREMENTS OF COMBINATION PRESSURE TANK / GROUND STORAGE	375	6/15/2000
SUNNYLAND SUBDIVISION	IL1977730	2	INADEQUATE SOURCE CAPACITY	300	6/12/2018
SWEDONA WATER ASSOCIATION	IL1315200	1	INADEQUATE PRESSURE TANK	109	6/15/1990
SYLVAN LAKE 1ST SUBDIVISION	IL0977100	2	INADEQUATE PRESSURE TANK	210	6/14/1991
TIMBER RIDGE MOBILE ESTATES	IL1775255	1	INADEQUATE PRESSURE TANK	150	6/17/1996
TOWNERS SUBDIVISION	IL0977250	2	INADEQUATE PRESSURE TANK TOTAL	206	1/14/1982
VERMONT	IL0570950	5	TRICHALOMETHANE MCL VIOLATION & HALOACETIC ACID MCL VIOLATION	738	5/27/2020
WALTONVILLE	IL0810400	7	LOW SYSTEM PRESSURE AND NOT MEETING STORAGE, PUMPING, AND EMERGENCY GENERATOR REQUIREMENTS	1901	5/25/2022
WESTFIELD	IL0230200	4	NO OPTIMAL CORROSION CONTROL TREATMENT	678	2/16/2022



WILLOWAY TERRACE MHP	IL0317595	2	NO ELEVATED OR GROUND STORAGE & INADEQUATE SOURCE CAPACITY	900	6/15/1984
WOOD DALE ESTATES	IL0437245	2	INADEQUATE PRESSURE TANK	145	6/17/1983
WOODLAND	IL0751000	4	INADEQUATE SOURCE CAPACITY	319	7/15/2022



Illinois Environmental Protection Agency
Division of Public Water Supplies
Critical Review List – Community Water Supplies
January 2026

SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
AIR VIEW MHP	IL1615185	1	ONLY ONE WELL	200	8/7/2020
ALEXIS	IL1874000	5	INADEQUATE SOURCE CAPACITY	836	10/16/2024
ANCHOR	IL1130050	4	ONLY ONE WELL	155	8/28/2020
AQUA ILLINOIS - HIGHLAND ESTATES	IL0915220	2	ONLY ONE WELL	171	1/13/2021
AQUA ILLINOIS - INDIANOLA	IL1830500	4	ONLY ONE WELL	224	12/11/2020
AQUA ILLINOIS - SKYLINE	IL0915450	2	ONLY ONE WELL	249	1/8/2021
AQUA ILLINOIS - SUN RIVER TERRACE	IL0910720	2	ONLY ONE WELL	498	1/13/2021
BEAVER CREEK VILLAGE MHP	IL0755125	4	ONLY ONE WELL	13	1/6/2021
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	146	6/24/2020
CANTON	IL0570250	5	INADEQUATE TREATMENT CAPACITY	16748	3/15/2007
CAPRON MHP	IL0075105	1	ONLY ONE WELL	90	1/27/2021
CARBON HILL	IL0630100	2	INADEQUATE TREATMENT CAPACITY	345	12/14/2016
CARROLL HEIGHTS UTILITIES COMPANY	IL0155200	1	ONLY ONE WELL	80	1/27/2021
CARTHAGE	IL0670250	5	ONLY ONE WELL	2605	4/11/2023
CEDAR BROOK ESTATES SUBDIVISION	IL1615170	1	ONLY ONE WELL	250	8/7/2020
CEDAR POINT WATER COMPANY	IL0995040	1	ONLY ONE WELL	266	8/26/2020
CENTURY PINES APARTMENTS	IL0150020	1	ONLY ONE WELL	25	1/27/2021
CHAIN-O-LAKES MHP	IL0975165	2	ONLY ONE WELL	84	8/28/2020
CHERRYDALE SUBDIVISION	IL1615120	1	ONLY ONE WELL	63	8/5/2020
CHIGAKWA PARK ESTATES	IL1615140	1	ONLY ONE WELL	53	8/7/2020
CLARKS MHP	IL2015425	1	ONLY ONE WELL	90	12/4/2020
COAL CITY	IL0630200	2	INADEQUATE TREATMENT CAPACITY	5749	12/14/2016
COLONIAL MEADOWS	IL1135100	6	ONLY ONE WELL	190	9/26/2020
COUNTRY LANE MHP	IL1135385	4	ONLY ONE WELL	50	6/24/2020
COUNTRY VIEW ESTATES MHP	IL0195625	4	ONLY ONE WELL	97	1/27/2021
COUNTRY VIEW ESTATES SUBDIVISION	IL1415220	1	ONLY ONE WELL	125	7/15/2020
DE WITT	IL0390100	4	ONLY ONE WELL	175	1/27/2021
DIXIE ESTATES SUBDIVISION	IL1975520	2	ONLY ONE WELL	180	12/9/2020
DONNY BROOK ESTATES	IL0375150	1	ONLY ONE WELL	30	1/27/2021
EAST END WATER ASSOCIATION	IL1610140	1	ONLY ONE WELL	40	7/31/2020
EAST LAWN WATER ASSOCIATION	IL1615100	1	ONLY ONE WELL	160	8/5/2020



EAST LYNN COMMUNITY WATER SYSTEM	IL1835200	4	ONLY ONE WELL	100	12/11/2020
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
EAST SIDE MHP	IL0195825	4	ONLY ONE WELL	79	1/27/2021
EBERTS 3RD ADDITION	IL1615330	1	ONLY ONE WELL	99	8/12/2020
EDELSTEIN WATER COOPERATIVE	IL1435150	5	ONLY ONE WELL	113	7/24/2020
ELM OAK MUTUAL WATER SYSTEM	IL0975736	2	ONLY ONE WELL	50	8/28/2020
EVERGREEN VILLAGE SUBDIVISION	IL1615310	1	ONLY ONE WELL	56	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	250	8/26/2020
FOX CREEK FARMS WATER COMPANY	IL1435750	5	ONLY ONE WELL	221	7/29/2020
FOX LAWN HOMEOWNERS WATER ASSOCIATION	IL0935150	2	ONLY ONE WELL	167	1/13/2021
FRENTRESS LAKE	IL0850010	1	ONLY ONE WELL	233	1/8/2021
GARDEN STREET IMPROVEMENT ASSOCIATION	IL1975376	2	ONLY ONE WELL	54	12/9/2020
GENESEO HICKORY HILLS HOA	IL0730080	1	ONLY ONE WELL	83	8/12/2020
GREEN ACRES MHP	IL1035165	1	ONLY ONE WELL	170	8/26/2020
HARMON	IL1030300	1	ONLY ONE WELL	111	8/26/2020
HAZELWOOD 4TH ADDITION	IL0735350	1	ONLY ONE WELL	132	1/6/2021
HAZELWOOD WEST SUBDIVISION	IL0735250	1	ONLY ONE WELL	70	1/6/2021
HEATHERFIELD SUBDIVISION	IL0635150	2	ONLY ONE WELL	90	1/29/2021
HICKORY HILLS 2ND ADDITION	IL1615450	1	ONLY ONE WELL	42	7/28/2023
HIGHLAND SUBDIVISION	IL0895530	2	ONLY ONE WELL	40	1/8/2021
HILLCREST	IL1410250	1	INADEQUATE STORAGE CAPACITY	1224	11/2/2017
HILLCREST COURT 2ND ADDITION	IL1615490	1	ONLY ONE WELL	66	2/13/2024
HILLSDALE ESTATES, LLC	IL1615530	1	ONLY ONE WELL	163	8/14/2020
HILLSDALE PROPERTIES	IL1615728	1	ONLY ONE WELL	66	6/24/2020
HOLLANDS GROVE COURT SUBDIVISION	IL1795300	5	ONLY ONE WELL	40	12/2/2020
HOLLY HOCK HILL MHP	IL0975245	2	ONLY ONE WELL	47	8/28/2020
HOPEWELL	IL1235150	1	ONLY ONE WELL	420	7/1/2020
IL AMERICAN - LEONORE	IL0990400	1	ONLY ONE WELL	111	8/26/2020
IL AMERICAN - MIDWEST PALOS	IL0317050	2	ONLY ONE WELL	132	1/27/2021
IL AMERICAN - NETTLE CREEK	IL0630040	2	ONLY ONE WELL	317	1/29/2021
IL AMERICAN - RIDGECREST	IL0635100	2	ONLY ONE WELL	203	1/29/2021
IL PRAIRIE ESTATE SBDV WATER ASSN	IL0995300	1	ONLY ONE WELL	78	8/26/2020
INDIAN BLUFFS SUBDIVISION	IL1615520	1	ONLY ONE WELL	138	8/14/2020
INDIAN CREEK HOMEOWNERS AND WATER ASSN	IL1135250	4	ONLY ONE WELL	210	6/17/2020
IROQUOIS MOBILE ESTATES, INC.	IL0755185	4	ONLY ONE WELL	105	1/8/2021
JOHNSBURG 1	IL1110040	2	ONLY ONE WELL	174	8/28/2020
KENNEY	IL0390200	4	ONLY ONE WELL	374	1/29/2021



KNOLLS EDGE SUBDIVISION	IL1415250	1	ONLY ONE WELL	100	7/17/2020
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
LAFAYETTE	IL1750100	1	ONLY ONE WELL	250	12/2/2020
LAKE LYNWOOD WATER SYSTEM	IL0735330	1	ONLY ONE WELL	75	1/6/2021
LAKE WILDWIND LLC	IL2035125	1	ONLY ONE WELL	200	12/4/2020
LAND AND WATER ASSOCIATION	IL0995050	1	ONLY ONE WELL	83	8/26/2020
LASALLE	IL0990300	1	INADEQUATE TREATMENT CAPACITY	9700	11/1/2004
LINDENWOOD WATER ASSOCIATION	IL1415300	1	ONLY ONE WELL	38	7/22/2020
LISBON NORTH, INC.	IL0631000	2	ONLY ONE WELL	25	1/29/2021
LITTLE SWAN LAKE SD	IL1875050	5	INADEQUATE SOURCE CAPACITY	438	7/11/2025
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	340	5/21/2024
MAQUON	IL0950350	5	ONLY ONE WELL	218	1/13/2021
MARSEILLES SOUTH	IL0990110	1	ONLY ONE WELL	100	8/26/2020
MASON CITY	IL1250350	5	INADEQUATE STORAGE CAPACITY	2558	1/1/2006
MAYFAIR SUBDIVISION	IL1795750	5	ONLY ONE WELL	90	12/11/2020
MAZON	IL0630500	2	NEAR A MANGANESE MCL VIOLATION	994	7/8/2022
MILL POINT MHP	IL2035165	1	ONLY ONE WELL	200	12/4/2020
MOUND CITY	IL1530100	7	ONLY ONE WELL	526	6/5/2020
MOUNT MORRIS ESTATES MHP	IL1415185	1	ONLY ONE WELL	395	7/15/2020
MOUNT VERNON ASSOCIATION INC.	IL0855100	1	ONLY ONE WELL	438	1/8/2021
NORTH HENDERSON	IL1310300	1	ONLY ONE WELL	172	7/2/2020
OAK GROVE MHP - ROCK ISLAND COUNTY	IL1617785	1	ONLY ONE WELL	138	12/2/2020
OAK VIEW ESTATES	IL0730120	1	ONLY ONE WELL	115	1/29/2021
OAKWOOD WEST SUBDIVISION	IL0730070	1	ONLY ONE WELL	57	1/29/2021
OPHIEM PWS	IL0735150	1	ONLY ONE WELL	110	1/8/2021
OTTAWA ESTATES MHP	IL0995225	1	ONLY ONE WELL	70	8/26/2020
PARADISE MANOR MHP	IL1617665	1	ONLY ONE WELL	200	11/20/2020
PARK MEADOWLAND WEST MHP	IL0075235	1	ONLY ONE WELL	100	1/27/2021
PAULS MHP	IL0975485	2	ONLY ONE WELL	38	8/28/2020
PHIL-AIRE ESTATES MHP	IL2015625	1	ONLY ONE WELL	80	12/4/2020
POLO DR AND SADDLE RD SUBDIVISION	IL0437000	2	ONLY ONE WELL	93	1/29/2021
POWERS WATER CO., INC	IL0895550	2	ONLY ONE WELL	216	1/8/2021
PRAIRIE OAKS ESTATES HOMEOWNERS' ASSOCIATION	IL0630060	2	ONLY ONE WELL	107	1/29/2021



PRAIRIE PATH WATER - CAMELOT	IL1975200	2	ONLY ONE WELL	777	12/9/2020
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
PRAIRIE PATH WATER - CEDAR WATER	IL0955150	5	ONLY ONE WELL	172	1/13/2021
PRAIRIE PATH WATER - CHERRY HILL WATER COMPANY	IL1975280	2	ONLY ONE WELL	833	12/9/2020
PRAIRIE PATH WATER - PORT BARRINGTON SHORES	IL0971120	2	ONLY ONE WELL	67	8/26/2020
PRAIRIE PATH WATER - ROCKVALE	IL1415350	1	ONLY ONE WELL PER DISTRIBUTION SYSTEM	298	10/10/2024
RAINBOW LANE MHP	IL2015645	1	ONLY ONE WELL	83	12/4/2020
RAINBOW RIDGE	IL1615580	1	ONLY ONE WELL	45	8/14/2020
REDDICK	IL0914780	2	ONLY ONE WELL	196	1/8/2021
RIDGEWOOD LEDGES WATER ASSOCIATION	IL1615670	1	ONLY ONE WELL	300	6/24/2020
ROLLING GREEN ESTATES MHP	IL1415245	1	ONLY ONE WELL	191	7/17/2020
ROLLING MEADOWS MHC	IL1415265	1	ONLY ONE WELL	447	3/19/2024
RUSTIC ACRES WATER ASSOCIATION	IL0735500	1	ONLY ONE WELL	260	1/6/2021
SEATON	IL1310350	1	ONLY ONE WELL	214	7/2/2020
SENECA MOBILE HOMES LLC	IL0995425	1	ONLY ONE WELL	10	8/26/2020
SHERIDAN CORRECTIONAL CENTER	IL0995840	1	INADEQATE TREATMENT CAPACITY	1800	1/27/2023
SIX OAKS MHP	IL2015685	1	ONLY ONE WELL	48	12/4/2020
SPIN LAKE HOMEOWNERS' ASSOCIATION	IL1135140	4	ONLY ONE WELL	200	6/16/2020
STELLE COMMUNITY ASSOCIATION	IL0535100	4	ONLY ONE WELL	100	1/29/2021
STORYBOOK HIGHLANDS	IL0935250	2	ONLY ONE WELL	100	1/13/2021
STRATFORD WEST APARTMENTS	IL1095200	5	ONLY ONE WELL	44	8/26/2020
STRAWN	IL1050700	4	ONLY ONE WELL	104	8/26/2020
SUBURBAN APARTMENTS (DE KALB UNIV DVL)	IL0375148	1	INADEQUATE PRESSURE TANK	1050	12/16/1992
SUBURBAN HEIGHTS SUBDIVISION	IL1615800	1	ONLY ONE WELL	60	11/20/2020
TENNANTS SHADY OAKS SUBDIVISION	IL1615540	1	ONLY ONE WELL	44	8/14/2020
TIMBER RIDGE SUBDIVISION	IL0735470	1	ONLY ONE WELL	90	1/6/2021
TISKILWA	IL0111050	1	INADEQUATE STORAGE CAPACITY	740	9/20/2017
TOWER RIDGE SUBDIVISION	IL1615780	1	ONLY ONE WELL	77	11/20/2020
VALLEY VIEW MANOR	IL0195865	4	ONLY ONE WELL	120	1/27/2021
VALMEYER	IL1330250	6	INADEQUATE SOURCE CAPACITY AND INADEQUATE TREATMENT CAPACITY	1263	5/21/2024
VAN ORIN WATER COMPANY	IL0115000	1	ONLY ONE WELL	100	1/27/2021
VICTORIA	IL0950550	5	ONLY ONE WELL	268	1/13/2021
WATER WERKS	IL1615130	1	ONLY ONE WELL	43	8/5/2020
WATERMAN	IL0370600	1	ONLY ONE WELL	1506	1/27/2021
WHITE HALL	IL0610400	6	INADEQUATE STORAGE CAPACITY	2313	10/1/2012
WINDCREST SUBDIVISION	IL0730040	1	ONLY ONE WELL	49	1/29/2021



WINDING CREEK ESTATES	IL1615850	1	ONLY ONE WELL	120	11/20/2020
SYSTEM NAME	SYSTEM ID	EPA REGION	NATURE OF PROBLEM	POPULATION SERVED	LISTING DATE
WINSLOW	IL1770550	1	ONLY ONE WELL	350	12/2/2020
YATES CITY	IL0950700	5	ONLY ONE WELL	828	1/13/2021
YOUNGS HILLCREST MHP	IL0190040	4	ONLY ONE WELL	34	1/27/2021



WATER SYSTEMS REMOVED FROM PREVIOUS LIST

Cooksville
Country Acres Estates MHP
Dwight
Wenona
EJ Water - Witt
Macomb

***WATER SYSTEMS ADDED**

Fayette Water Company
Ramsey



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



Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield, Illinois • 62794-9276 • 217-782-3397

JB Pritzker, Governor

James Jennings, Acting Director

**HEALTH ADVISORY
FOR
6:2 FLUOROTELOMER SULFONIC ACID (6:2 FTS)
CHEMICAL ABSTRACT SERVICES REGISTRY NUMBER (CASRN)
27619-97-2**

Prepared by:
Office of Toxicity Assessment
Illinois Environmental Protection Agency
November 6, 2025

REASON FOR ACTION

As a result of Per- and Polyfluoroalkyl Substances (PFAS) sampling in community water supplies (CWS) within the state, 6:2 Fluorotelomer sulfonic acid (6:2 FTS) 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 6:2 FTS. Section 620.605(a)

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1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 • 618-346-5120
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412 SW Washington Street, Suite D, Peoria, IL 61602 • 309-671-3022



115 S. LaSalle Street, Suite 2203, Chicago, IL 60603
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directs the Illinois EPA to issue a health advisory for a chemical substance if all of the following conditions are met:

- 1) A community water supply well is sampled, and a substance is detected and confirmed by resampling;
- 2) There is no standard under Section 620.410 for such chemical substance; and
- 3) The chemical substance is toxic or harmful to human health according to the procedures of Appendix A, B, or C.

The health advisory guidance level for 6:2 FTS is 0.00077 milligrams per liter (mg/L), or 770 nanograms per liter (ng/L) or parts per trillion (ppt).

The health advisory will be published in the *Environmental Register* (publication of the Illinois Pollution Control Board), and placed at the website:

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

The health advisory will also be placed on Illinois EPA's website at:

<https://epa.illinois.gov/topics/water-quality/pfas/pfas-healthadvisory.html>

PURPOSE OF A HEALTH ADVISORY

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

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



HEALTH ADVISORY GUIDANCE LEVEL FOR 6:2 FTS

Through issuance of this Health Advisory, Illinois EPA is providing public notice of its guidance level for 6:2 FTS in drinking water. For non-carcinogenic health effects, the guidance level is 0.00077 milligrams per liter (mg/L), or 770 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. 6:2 FTS 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 6:2 FTS; therefore, Illinois EPA used the Appendix A procedures to calculate an HTTAC for 6:2 FTS.

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

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



- 3) PPRTV “Appendix” Values.
- 4) Health Effects Assessment Summary Table (HEAST).

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

In December 2024, ORD, under the Health and Environmental Risk Assessment (HERA) National Research Program published a peer-reviewed toxicological assessment titled, “ORD Human Health Toxicity Value for 6:2 Fluorotelomer Sulfonic Acid (CASRN 27619-97-2 | DTXSID6067331).” ORD’s toxicological assessment recommends a chronic oral reference dose (RfD) equal to 0.0002 mg/kg-day. The value is based on a critical effect of decreased immune response in adult male mice from a study by Bohannon et al. titled, “Next-generation PFAS 6:2 Fluorotelomer Sulfonate Reduces Plaque Formation in Exposed White-Footed Mice,” published in 2023. Benchmark dose modeling was used to find the point of departure (POD) for 6:2 FTS of 1.51 mg/kg-day. The human equivalent dose was calculated using a dosimetric adjustment factor (DAF) to derive the point of departure human equivalent dose (POD_{HED}) of 0.200 mg/kg-day.

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

The overall RfD for 6:2 FTS was calculated by dividing the POD_{HED} by the composite uncertainty factor.

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

$$RfD = \frac{0.200 \text{ mg/kg-day}}{1,000}$$



$$RfD = 0.0002 \text{ mg/kg-day}$$

Using the RfD of 0.0002 (2E-4) mg/kg-day, and the procedures outlined in Section 620.Appendix A, the recommended guidance level for drinking water is 0.00077 milligrams per liter (mg/L), or 770 nanograms per liter (ng/L) or parts per trillion (ppt).

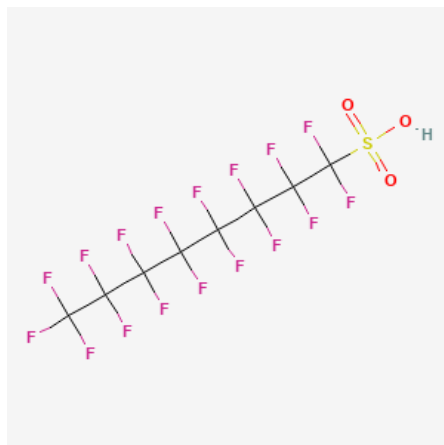
CHEMICAL CHARACTERISTICS **AND** **POTENTIAL ADVERSE HEALTH EFFECTS**

General Description of 6:2 FTS

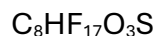
6:2 Fluorotelomer sulfonic acid, also known as 1H,1H, 2H, 2H-Perfluorooctane sulfonic acid or 6:2 FTS, is a synthetic chemical which is part of a larger class of chemicals referred to as per- and polyfluoroalkyl substances. PFAS have been manufactured since the middle 20th Century and are known for their chemical and physical properties that impart oil and water repellency, temperature resistance, and friction reduction to a wide range of products, including, but not limited to, textile coatings, paper products, food wrappers, cosmetic and personal care products, non-stick cookware and fire-fighting foams. PFAS are also used in the semiconductor, aerospace, oil production and mining, and metal plating industries, to name a few. PFAS enter the environment through industrial manufacturing and the use and disposal of PFAS-containing products. The chemical and physical properties of 6:2 FTS make it mobile, persistent, and bioaccumulative, meaning fish and other animals may accumulate 6:2 FTS in animal tissue when their food sources are contaminated with 6:2 FTS. 6:2 FTS is known to be persistent in the environment. Manufacturers designed 6:2 FTS as a replacement product for perfluorooctanesulfonic acid (PFOS) in fire-fighting foam and other uses.



Structural Identifier



Chemical Identifier



Potential Adverse Health Effects of 6:2 FTS

Epidemiological studies on human health effects from exposure to 6:2 FTS are limited in their ability to draw conclusions on the associations between health effects and exposure.

Information regarding health effects of 6:2 FTS are primarily derived from animal studies, via the ingestion, or oral exposure, route. Laboratory studies observed the following effects in animals exposed to 6:2 FTS:

- Increased liver weight
- Reduced body weight
- Decreased immune response

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. 6:2 FTS is not classified as a carcinogen by any of the above sources.



**ATTACHMENT TO HEALTH ADVISORY
FOR
6:2 FLUOROTELOMER SULFONIC ACID (6:2 FTS)
CASRN 27619-97-2**

OVERVIEW OF KEY STUDIES

For information regarding the studies used by U.S. EPA's ORD for the derivation of its 6:2 FTS RfD, refer to "ORD Human Health Toxicity Value for 6:2 Fluorotelomer Sulfonic Acid," located at: <https://assessments.epa.gov/risk/document/&deid%3D363720>.

DERIVATION OF THE HEALTH ADVISORY GUIDANCE LEVEL FOR 6:2 FTS

The first step in the derivation of a health advisory guidance level is to determine whether the chemical substance presents a carcinogenic risk to humans. 6:2 FTS does not meet the definition of a carcinogen as specified in Part 620. Therefore, the guidance level will be based on noncarcinogenic effects of this chemical.

In deriving a guidance level to protect against a health effect for which there is a threshold dose below which no damage occurs (i.e., noncarcinogen effects), Section 620.605 specifies that U.S. EPA's MCLG, if available, is the guidance level. U.S. EPA has not published a MCLG for 6:2 FTS; 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 for a child (0-6 years of age), equal to 0.78 liters per day (L/d).

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

Illinois EPA selected the U.S. EPA ORD recommended RfD of 0.0002 (2E-4) mg/kg-day, as the verified RfD for use in calculating the ADE. The ADE equals the product of multiplying the toxicity value by 15 kilograms (kg), which is the assumed average body weight of a child 0-6 years of age per Section 620:

$$ADE = 0.0002 \text{ mg/kg-day} \cdot 15 \text{ kg} = 0.003 \text{ mg/day}$$

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 6:2 FTS through a variety of media, including, but not limited to air emissions, ingestion of fish or other animals exposed to 6:2 FTS, dermal exposure and incidental exposure from 6:2 FTS-containing consumer products, much of which varies on a site-specific basis. Due to this lack of consensus, Illinois EPA elected to use the conservative default value of 20% (0.20) for its HTTAC calculation.

The HTTAC is calculated by the product of the RSC and the ADE, divided by the per capita daily water ingestion rate, specified in Appendix A as equal to 0.78 L/day:

$$HTTAC \text{ (mg/L)} = \frac{0.20 \cdot 0.003 \text{ mg/day}}{0.78 \text{ L/day}}$$



$$HTTAC \text{ (mg/L)} = \frac{0.0006 \text{ mg/day}}{0.78 \text{ L/day}}$$

$$HTTAC = 0.00077 \text{ mg/L}$$

or:

770 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 533 for analyses of PFAS drinking water samples shows the 6:2 FTS MRL is 5 ng/L, which is below the calculated guidance level of 770 ng/L. Therefore, the guidance level is appropriate.

REFERENCES

Bohannon, ME; Narizzano, AM; Guigni, BA; East, AG; Quinn, MJ. (2023). Next-generation PFAS 6:2 fluorotelomer sulfonate reduces plaque formation in exposed white-footed mice. *Toxicol Sci* 192: 97-105. <http://dx.doi.org/10.1093/toxsci/kfad006>.

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

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



HEALTH ADVISORY SUMMARY LIST



HEALTH ADVISORY SUMMARY LIST

Prepared by:
Office of Toxicity Assessment
Illinois Environmental Protection Agency
November 6, 2025

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

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

CASRN ¹	Chemical	Statewide Health Advisory Guidance Level (ng/L)	Health Advisory Issuance Date
307-24-4	Perfluorohexanoic acid (PFHxA)	1,900 ²	April 11, 2025
375-22-4	Perfluorobutanoic acid (PFBA)	3,800 ³	April 11, 2025
27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	770	November 6, 2025

¹ CASRN = Chemical Abstract Services Registry Number



- ² On January 28, 2021, Illinois EPA issued a PFHxA Health Advisory Guidance Level of 560,000 ng/L. On April 26, 2023, Illinois EPA updated the Guidance Level to 3,500 ng/L due to the availability of updated toxicity data. On April 11, 2025, Illinois EPA updated the Guidance Level to 1,900 ng/L due to final amendments to Part 620.
- ³ On September 16, 2024, Illinois EPA issued a PFBA Health Advisory Guidance Level of 7,000 ng/L. On April 11, 2025, Illinois EPA updated the Guidance Level to 3,800 ng/L due to final amendments to Part 620.

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>

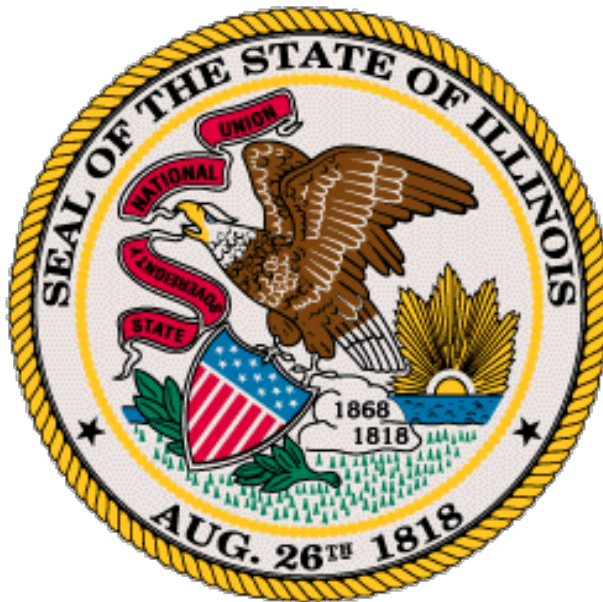
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