UTILITIES COMMISSION
Friday, September 19, 2025, 7:15 A.M.
Evanston Water Treatment Plant, 555 Lincoln St.,
Large Conference Room

AGENDA

1. **CALL TO ORDER / DECLARATION OF QUORUM**

2. **APPROVAL OF MEETING MINUTES OF August 15, 2025**

3. **PUBLIC COMMENT**

4. **NEWS OF INTEREST & CITY COUNCIL ACTIONS RELEVANT TO UC**

5. **STAFF REPORTS**
   a. Electrical Supply 3.0
   b. Highlights from/Questions about the monthly utility reliability report and the Water/Sewer Fund Capital Improvement Project Summaries

6. **UNFINISHED BUSINESS**
   a. Renewable Heating and Cooling Opportunities: Outline for a feasibility study and open season for pilots
   b. Privately Initiated Lead Service Line Replacement Program – Council/APW endorsement?

7. **NEW BUSINESS**
   a. Referrals Committee Recommendation Requested by Councilmember Geracaris: Water Protection Ordinance – Referral to ensure Evanston's public water infrastructure will always be a city owned resource and prevent privatization
   b. Water Service Line Material Notification Feedback
   c. UC Prospective Membership

8. **ANNOUNCEMENTS/COMMUNICATIONS**

9. **ADJOURNMENT 8:45 a.m.**

Next Meeting: October 17, 2025, 7:15 A.M.

MEETING MINUTES

UTILITIES COMMISSION

Friday, August 15, 2025, 7:15 A.M.
Water Treatment Plant, 555 Lincoln St.
Large Conference Room

Members Present:	S. Blazey, J. Hargrove, S. McComb, S. Waters
Members Absent:	K. Lackey, M. Sutton
Guests Present:	J. Freeman, D. Lanyon
Staff Present:	D. King, C. Pratt, A. Price
Presiding Member:	S. McComb

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1. **CALL TO ORDER / DECLARATION OF QUORUM**
   A quorum being present, S. McComb called the meeting to order at 7:19 a.m.

2. **APPROVAL OF MEETING MINUTES OF July 18, 2025**
   S. Waters moved to approve the minutes, seconded by S. Blazey, all approved.

3. **PUBLIC COMMENT**
   J. Freeman said with the Healthy Buildings Ordinance there is a desire of some people to figure out how some of the older buildings can update their heating system in a way that is affordable. He was on a call with some representatives from Southern Company, a company of Nicor Gas and they are exploring the possibility of a pilot of a geothermal network concept. J. Freeman said he would provide C. Pratt with the name of one of the representatives he spoke with. S. McComb said that the Illinois Climate Bank just put out an RFI on geothermal getting more information around how they should design an incentive structure for geothermal pilots. J. Freeman said the next step is keeping on top of how these pilot programs progress and whether Southern Company would consider Evanston as a location for a pilot program.

4. **NEWS OF INTEREST & CITY COUNCIL ACTIONS RELEVANT TO THE UC**
   D. King said that he will be taking the following items to council on August 25th: Point of Use Pitchers and Filters which get distributed to residents for any project when a lead service line is touched, WaterSmart Program Renewal for three years, and SCADA hardware upgrades. It is budget season right now and he requested the Privately Initiated LSLR Pilot, but he needs either a referral from Councilmember Nieuwsma or direction from the City Manager to move forward.

5. STAFF REPORTS

a. Electrical Supply 3.0

C. Pratt reported that staff has not put out an RFP yet. She thought there was a good conversation about it at the last Commission meeting and wanted to have a short conversation about the appetite for RECs and whether the city should continue to pursue purchasing them through this contract. She said when staff gets proposals back, they use a system to rank the different proposals and makes a recommendation to council. After some discussion the Commission determined that RECs are a revenue stream to help do projects and decided the city should continue to pursue purchasing them. C. Pratt said hearing the Commission's thoughts is helpful and that the Environment Board had decided the same thing at their last meeting.

b. Highlights from/Questions about the monthly utility reliability report and the Water/Sewer Fund Capital Improvement Project Summaries

D. King reported the following:

Retail Water Meter Replacement Program
Letters went out last week. Appointments will start the week of August 18th in south Evanston (Section 1). This project has a webpage on the City's website. A video was shot yesterday of an installation that will be posted on the website. Staff will also be able to update service material surveys from being onsite.

LSLR Prioritized Replacements
Work will start on this project next week.

CSO Outlet Rehabilitation
Staff received eight or nine proposals and are going through now.

Medium Voltage Reliability and Generator
IEPA has issued a formal loan agreement for $21,813,900, covering engineering and all eligible construction costs. The loan is for an 18-year term with an interest rate of 1.87%. Staff is working with the contractor to execute the agreement and notice to proceed, with a kickoff meeting anticipated in August.

Security Fence
The consultant submitted a preliminary design report and has scheduled a review meeting on September 5th.

Chlorine to Hypochlorite Conversion
Staff reviewed proposals and CDM Smith was selected to conduct the study. Work is tentatively scheduled to start in August.

PFAS
The PFAS study water plant pilot showed that nanofiltration and reverse omosis membranes do not work here with our current treatment. Staff determined that the aluminum sulfate used to treat the water fouls up the membranes. Therefore, if that was an option the city ever wanted to pursue, we would have to look at other treatment coagulants at the head before any chemical addition is added.

On the litigation side of things back in 2022 the city joined litigation against the four large companies responsible for PFAS contamination 3M, DuPont, Tyco, and BASF. The court has settled on a dollar amount, but the dollar amount each municipality will receive varies. Evanston will receive $2.6 million from the 3M Phase One claim which in essence will pay for a PFAS study. The first disbursement of that payment is $526,000 however, less legal fees it is $392,000. The payments will continue annually through 2033 and is dedicated to the Water Fund.

6. **UNFINISHED BUSINESS**
   a. **Renewable Heating and Cooling Opportunities: Outline for a feasibility study and open season for pilots**
   C. Pratt said there is no interest for it in the budget, but she is cautiously optimistic that the Northwestern University Abrams Climate Academy students might take it on as their inaugural project and could start in about a month.

   b. **Privately initiated Lead Service Line Replacement Program – Council/APW endorsement?**
   S. McComb said he would follow up with Councilmember Nieuwsma on this item.

7. **NEW BUSINESS**
   a. **Referrals Committee Recommendation by Councilmember Geracaris: Water Protection Ordinance – Referral to ensure Evanston's public water infrastructure will always be a city owned resource and prevent privatization**
   S. McComb said a resident shared with Councilmember Geracaris that they would like to see a commitment from the city to not privatize the water utility and the Commission is being asked to support the draft ordinance provided in the meeting packet. D. Lanyon said that he has concerns about some of the language in the ordinance. S. McComb asked if the AWWA has metrics they use to determine whether privatization is needed. D. King said that North Chicago had a study done to determine whether they could afford to continue to run their utility, but their Council still had to decide, and they chose to continue because they did not want a publicly traded company coming in replacing staff and raising the rates. J. Freeman said there is a huge difference because a public company's goal is to make a profit and the city's

goal is to provide a service. S. Blazey said he would like to see the ordinance a little more defined. D. King said the ordinance looks like something Chicago did and someone saw it and wants to do it in Evanston. The Commission decided that the language in the ordinance needs to be cleaned up before they can decide whether they want to support it.

b. Water Service Line Material Notification Feedback
D. King reported that the city received some feedback, but it was much less than last year.

c. UC Prospective Membership
S. McComb reported that there are two candidates for the empty seat, but no action has been taken yet. D. King said that the mayor appoints Commission members. C. Pratt suggested that S. McComb email the mayor directly.

8. ANNOUNCEMENTS/COMMUNICATIONS

a. Forthcoming Public Works Agency activities relative to the Utilities Commission
No update provided.

9. ADJOURNMENT
The meeting was adjourned at 8:38 a.m.

STAFF REPORTS
8/1/25 to 8/31/25

Basement Backups - Private

Number - 11

Date	Address	Rainfall	Cause
08/07/25	1824 Dobson St	0.00"	Private
08/11/25	1727 Leland Ave	0.00"	Private
08/12/25	1715 Church St	1.20"	Private
08/12/25	319 Dodge Ave	1.20"	Private
08/13/25	1330 Dobson St	0.45"	Private
08/13/25	1225 Greenleaf St	0.45"	Private
08/13/25	1112 Dewey Ave	0.45"	Private
08/25/25	2519 Asbury Ave	0.00"	Private
08/26/25	2126 Central St	0.00"	Private
08/28/25	2518 Central St	0.00"	Private
08/29/25	2421 Church St	0.00"	Private

Basement Backup - City

Number - 0

Date	Address	Rainfall	Cause
NA			

Basement Flooding - Private

Number - 2

Date	Address	Rainfall	Cause
08/18/25	1812 Hovland Ct	0.51"	Private
08/20/25	3044 Harrison St	0.00"	Private

Water Main Breaks - Repair - Blow Out

Number - 5

Date	Address	Installed	Diameter	# Breaks	Down Time	# Affected
8/7/25	1619 Thelin Ct	1/1/1946	6"	6	3.00 hrs	12
8/11/25	3434 Central St	1/1/1951	6"	2	2.00 hrs	3
8/13/25	1929 Brown	1/1/1924	6"	1	2.00 hrs	16
8/13/25	Woodbine & Jenks	1/1/1903	6"	3	3.00 hrs	24
8/20/25	800 Hartrey Ave	1/1/1925	6"	5	0.50 hrs	10

Water Main Breaks - Repair - Shear Break

Number - 0

Date	Address	Installed	Diameter	# Breaks	Down Time	# Affected
NA						

Sewer Service Repair Permits Obtained

Number - 21

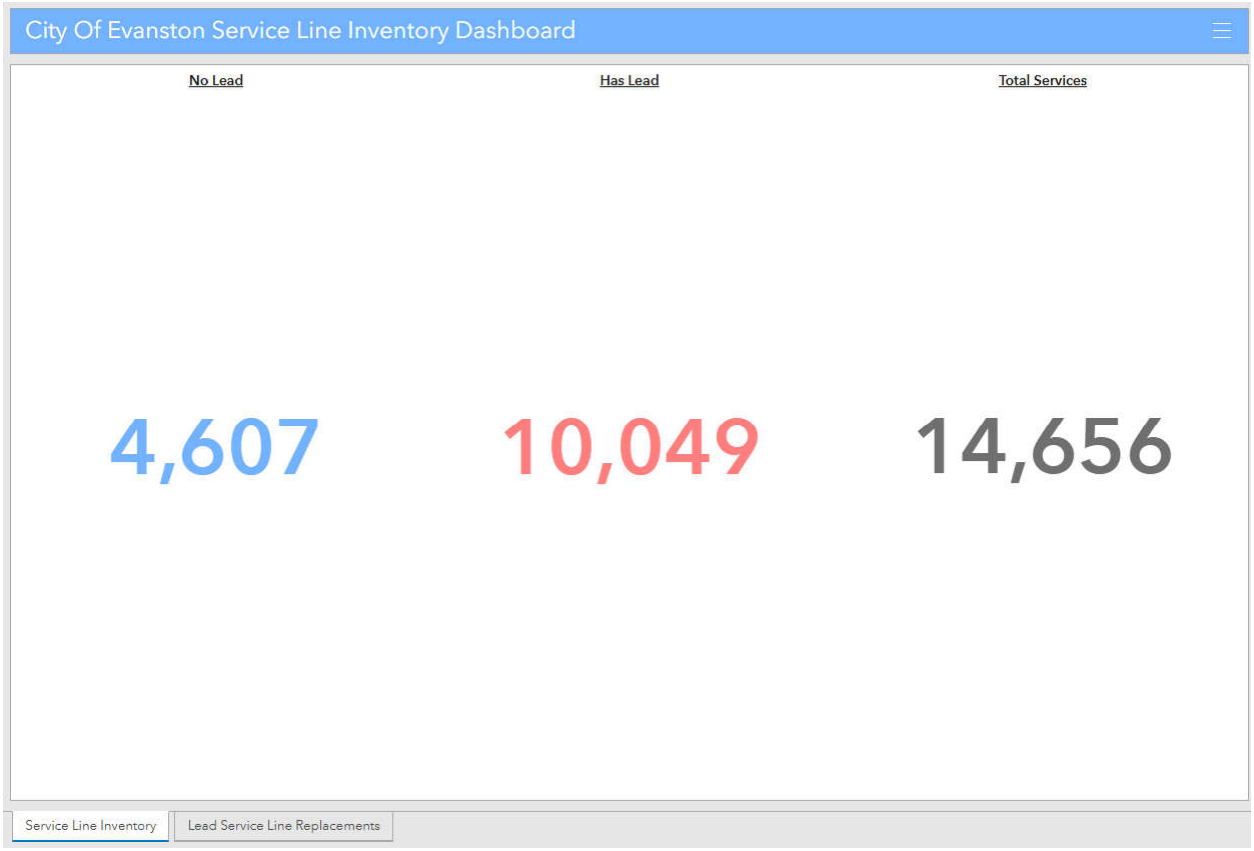
Date	Address	Work Description
8/1/2025	1322 Elmwood Ave 1	Install cleanout
8/4/2025	1210 Michigan Ave	Install cleanout

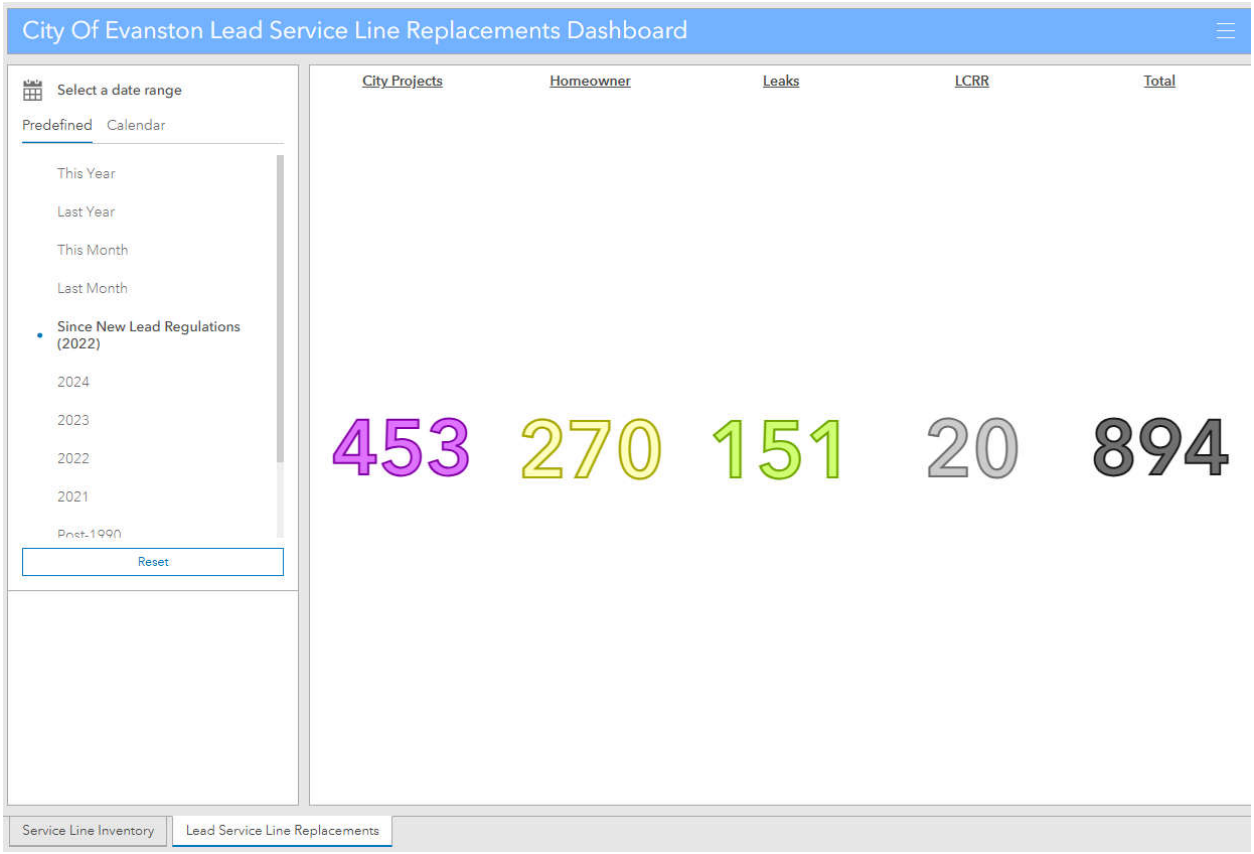
8/4/2025	2747 Ridge Ave	Cleanout and sewer repair
8/5/2025	1320 Noyes St	Cleanout and sewer repair
8/6/2025	249 Ridge Ave	Cleanout and sewer repair
8/6/2025	2717 Simpson St	Sewer repair
8/7/2025	1914 Keeney St	Cleanout and sewer repair
8/11/2025	1243 Forest Ave	Sewer repair
8/13/2025	2455 Prairie Ave 1B	Sewer repair
8/18/2025	1338 Main St	Sewer repair
8/20/2025	2427 Hastings Ave	Sewer repair
8/20/2025	2404 Bradley Pl	Sewer repair
8/20/2025	1006 Darrow Ave	Sewer repair
8/22/2025	2205 Lincolnwood Dr	Sewer repair
8/25/2025	2015 Brummel St	Cleanout and sewer repair
8/25/2025	1010 Harvard Terr	Sewer repair
8/26/2025	634 Sheridan Rd	Sewer repair
8/26/2025	1339 Fowler Ave	Sewer repair
8/28/2025	2612 Payne St	Sewer repair
8/29/2025	721 Washington St	Cleanout and sewer repair
8/29/2025	2043 Orrington Ave	Cleanout and sewer repair

YEARLY COMPARISON

ITEM/YEAR	2025 Thru Aug	2024	2023	2022	2021	5 Year Average	2025 % of Average
Basement Backups - City	2	3	3	2	5	3.00	66.67%
Basement Backups - Private	65	88	98	132	118	100.20	64.87%
Basement Flooding - City	1	0	1	1	2	1.00	100.00%
Basement Flooding - Private	6	10	10	14	21	12.20	49.18%
Water Main - Blow Out	20	25	23	24	22	22.80	87.72%
Water Main - Damage	0	0	0	1	3	0.80	0.00%
Water Main - Shear Break	11	6	10	14	12	10.60	103.77%
Total Water Main Breaks	31	31	33	39	37	34.20	90.64%
Sewer Repair Permits	186	208	202	202	206	200.80	92.63%
WSRP Permits (Disconnects/Demo)	2	7	13	13	4	7.80	25.64%
LSLR	172	291	148	194	NA	201.25	85.47%

As of June 2025		LSLR-Watermain	Watermain Only	Prioritized	Pilot	Leak	Homeowner Initiated	Water Service Upgrade	Totals
Eligibility		Main Replacement		Disadvantaged Area	Identified by City	Emergency	Self	Self	
Description		Full or Partial LSL		Full or Partial LSL	Private Side	Full or Partial LSL	Full or Partial LSL	Upgrade due to increased fixture count	
Work Execution	Public	City Contractor		City Contractor	n/a	City Crews	City Crews	City Crews/Tap Only	
	Private	City Contractor		City Contractor	City Contractor	City Contractor	Private Contractor		
Payment	Public	City		City	n/a	City	City	Homeowner	
	Private	City		City	City	City	Homeowner	Homeowner	
Cost per LSL	Public	$ 8,492			$ -	$ 5,345	$ 5,345		
	Private	$ 3,566			$ 13,421	$ 5,553			
	City Cost for Full/ea	$ 11,972				$ 10,898		$ -	
	Full LSLR Cost	$ 969,764		$ 26,002		$ 185,259			
	Public LSLR Cost					$ 37,414			
	Private LSLR Cost	$ 8,492		$ 11,407	$ 281,847	$ 33,316			
	Total Cost	$ 978,257	$ 5,218,213		$ 281,847	$ 255,989	$ 133,623		
	Average Cost Across All Programs								$9,591
	Total Target	153		280	22	49	25	30	559
Counts	Full LSLR	81		50		17			
	Public LSLR	14				7			
	Private LSLR	1		230		6			
	LSLRs Completed	96		0	21	30	25	18	172
Funding	Cost 2025	$ 978,257			$ 281,847	$ 255,989	$ 133,623		$ 1,649,716
	Funding 2025	$ 978,257		$ 5,000,000	$ 281,847	$ 298,000	$ 133,623		
	Funding Total	$ 1,593,000	$ 5,218,213	$ 5,000,000	$ 1,342,130	$ 298,000	$ 25,900		
	Water Fund Total	$ 1,593,000	$ 5,218,213		$ 140,820	$ 298,000	$ 25,900		
	ARPA Total				$ -	$ -			
	TIF Total				$ -				
	DCEO Total				$ 1,000,000				
Other Fees									
Notes		The total bid cost equals $1,593,000	The total bid cost equals $5,218,213	1. This cost includes costs that are ineligible for the IEPA loan (ineligible costs include many of the restoration costs that are outside of State standards - for example city allowable trench width is greater than State Standard trech width). Cost total: $ 3,923,773	Project is funded by a Department of Commerce and Economic Opportunity Grant ($1,000,000) & TIF	147 Target Total leaks represent 49 leaks x 3 years		This category includes new building demo and service upgrades paid for exclusively by the property owner.	The Total LSLRs completed does not include the Water Service Upgrade category (29). The City does not perform any part of these replacements. They are performed exclusively by the property owner.


City Of Evanston Service Line Inventory Dashboard
No Lead
Has Lead
Total Services
4,607
10,049
14,656
Service Line Inventory
Lead Service Line Replacements


City Of Evanston Lead Service Line Replacements Dashboard
Select a date range
Predefined
Calendar
This Year
Last Year
This Month
Last Month
Since New Lead Regulations (2022)
2024
2023
2022
2021
Post-1990
Reset
City Projects
Homeowner
Leaks
LCRR
Total
453
270
151
20
894
Service Line Inventory
Lead Service Line Replacements

Utilities Commission: 2025 Outreach Activities

Consumer Confidence Report

- Released in May
- Hyperlink included on May water bill
- Electronic copy available on the City website, distributed at community centers, advertised on social media and eNews, and directly mailed upon request
    - All above are approved methods of distribution by the IEPA.
- Beginning in 2026 a CCR availability mailer will be included in the City's annual newsletter.The City's annual newsletter is delivered to each postal address in Evanston and will include information about the CCR.

Lead Service Line

- Lead Service Line Inventory Notification: Distribute notices to impacted community members - Mailed April 28, 2025.
- **2025 Prioritized LSLR Project**
    - Outreach - Initial outreach began November 2024 and included:
        - Project Newsletter (bulk mailed by City)
        - Door-to-door canvassing/distribution of FAQs (performed by City's representative, CDM Smith)
        - Follow-up phone Calls/emails - performed by LSLR call center staff created by CDM Smith
        - Post Cards - mailed by CDM Smith
        - Yard Signs - signs installed on blocks participating in the 2025 LSLR Project (May 19, 2025).
        - 45-Day Notice (May 28-30)
        - 14-Day notice
        - 48-Hour notice
        - 24-hour notice
        - Post replacement notice distributed the day the water service is replaced.

    *Construction is currently underway, and outreach efforts continue to obtain the remaining Right-of-Entry forms.

- **2025 Annual Watermain Replacement LSLR Project**
    - Outreach - Initial outreach began November 2024 and included:
        - Project Newsletter (bulk mailed by City)
        - Door-to-door canvassing/distribution of FAQs (performed by City's representative, CDM Smith)
        - Follow-up phone Calls/emails - performed by LSLR call center staff created by CDM Smith
        - Post Cards - mailed by CDM Smith
        - Contractor Mobilization: May 12, 2025 (Outreach is also expected to be conducted by the Contractor).
        - 45-Day notice
        - 14-Day notice
        - 48-Hour notice
        - 24-Hour notice
        - Post replacement notice distributed the day the water service is replaced.

    *All services were completed as of 9/4, and official outreach for the project is now complete.

MS4 Activities

- Jan- Plant tour with City's Law Department
- Feb- Plant tour with Northwestern Engineering students
- March- Stormwater runoff info included on March water bill
- May- Plant tour with City's Public Works Department
- July- Plant tour with City's Engineering Department
- August- Public meeting held at City's Environment Board meeting for public comment on the Annual Facility Inspection Report
- Sept- Stormwater runoff info included on September water bill
- Planned collaborations with City's Communications Dept. for increased public outreach
- Provide information regarding effective pollution prevention as a press release through eNews system and on City's website.
- Develop a flyer with educational information on effective pollution prevention

Source Water Protection Plan

- Signage placement along Evanston's lakefronts (date to be determined)

Water Distribution

- Water Distribution hands out 45 Day notices to all affected homes for the water main replacement project.
- Water distribution hands out 45 day notices to all affected homes for the lead service replacement projects.
- All water services affected by a construction project of any kind receive a 14 day notice.
- We distribute a post service replacement notification as required by the IEPA.

Water Meter and MIU replacement Program

- Started in August of 2025, upgrade of the water metering/reading system.
- Letter notifications will be mailed out by contractor- Water Resources
- This is a 2 year contract and the City will be done in 3 sections
- All existing remote outside water meter interface units (MIU) will require replacement with a new meter interface unit (MIU)
- Some existing water meters may require replacement
- Customers can call for an appointment or NEW- self- service appointment scheduling is available.
- A basic inspection of service line material and cross connection survey will be performed.
- FAQ's and any other information will be on our website:
    - cityofevanston.org/watermeterreplacement for more information.

Hey and Associates, Inc.

Engineering, Ecology and Landscape Architecture

8755 W. Higgins Road, Suite 835
Chicago, Illinois 60631
Phone (773) 693-9200

MEMORANDUM

To: Bridget Nash, P.E.

From: Anna Culcasi, P.E., CFM
Jeff Wickenkamp, P.E., CFM, D. WRE.

Date: July 23, 2025

Re: Evanston Level Meter Monitoring

Project No. 23-0283

Purpose

This memorandum will outline recommendations for the City of Evanston to deploy level meters as part of the maintenance and monitoring of their sewer system. The City currently has two level meters available for monitoring.

By pairing rainfall data with the level meter data from significant storm events as they occur, the City can monitor how the system is performing. The rainfall data gathered from City rain gauges can be loaded into the model, the model can then be compared to the elevations at the level meters and reported flooding observations. The City can then determine if additional model adjustments are warranted. Monitoring the system and incorporating those results along with making updates for new project data are the main tasks of model maintenance.

Monitoring Locations

The City can deploy level meters as part of overall model maintenance, to investigate reported flooding, or as part of project development. When investigating reported flooding, a single level meter could be installed to corroborate the complaint. When the goal of level metering is to understand a large problem for a capital improvement project or special study area, it is recommended to install at least three meters: one at the location of interest, and one each upstream and downstream to provide context to the problem area.

In 2025, the area of interest to the City is along Church St. from McDaniel Ave. to Pitner Ave. where there is an upcoming watermain project. The 2025 Program Review for stormwater opportunities identified this location as having combined sewer surcharge risk and surface flooding risk, and listed a potential improvement as extending and increasing the storm sewer at the McDaniel Ave. intersection along Church St.

It is recommended that the City deploy their two level meters along Church St. to inform the upcoming watermain project and determine if it is possible to relieve surface flooding along Church St. There is a storm sewer system on the west side of the project area and the remainder of the project area is serviced by combined sewer and relief sewer. It would be valuable to verify the water level performance in both the storm sewer and the combined sewer in the area of interest during storm events.

It is recommended to place a level meter in structure S07_ID010 for the storm sewer with S07_ID005 as a backup option depending on the ease of installation. It is recommended to place the second level meter in structure B08_01158 for the combined sewer with B08_01188 as a backup option depending on the ease of installation.

The Stormwater Master Plan identified the southwest area of Evanston as prone to surface flooding. Pre-regulatory development along the North Shore Channel was built several feet above natural ground, which cuts off the overland flow paths from the residential area between Oakton St. and Main St. It is recommended that the City purchase an additional level meter to install in the southwest area to confirm and evaluate the existing sewer system. Structure S11-00478 on Hartey Ave. south of Keeney St. is recommended as a monitoring location due to the model indicating that it surcharges frequently.

Installation Procedure

Level meters work by reading pressure and temperature, which is then converted to water level. In addition to any level meters deployed in the field, an additional level meter should be kept above ground to monitor the ambient barometric pressure, preferably an indoor location without an HVAC system.

A stilling tube should be installed in the manholes of interest to provide an area free of turbulence in the manhole. The stilling tube could be a section of perforated vertical pipe with access provided at the surface. The stilling tube can be fastened to the manhole steps with strong zip ties or with pipe straps to keep it stable. For manholes without steps, the stilling tube can be attached to the inner wall of the manhole. More information on stilling well construction can be found at: www.onsetcomp.com/resources/tech-notes/how-to-build-stilling-well

The level meters can be suspended from the top of the stilling tube using an eyehook, carabiner, and no-stretch stainless steel wire or cable. The final depth of the level meter port from the structure rim should be measured and recorded (may require adding two or more measurements together). If the level meter is positioned too deep in the structure, the pressure port can become clogged. If clogging is observed when downloading meter readings, squirt the port holes with water to clear the mud. If clogging continues to occur, consider slightly raising the height of the meter deployment. It is recommended to install the level meter at a depth where the port is just above the crown of any connecting pipes to avoid additional turbulence. This will still allow for the level meter to measure any surcharge conditions. The depth of the level meter (measurement line) should then be subtracted from the rim of the structure to establish the depth of the meter. Figure 1 shows a water level meter.

Figure 1. Level Meter Data Logger

Data Collection

Every 30 days (or more if desired), after the monitoring time period is complete, or after significant rainfall events the data can be downloaded from the level meters and compared with rainfall data from local rain gauges. Depending on the goal of the monitoring, these data points can be compared with the model to determine if any adjustments are necessary, report on a flooding problem, or inform project development.

Status of Water & Sewer Funds 2025 Capital Improvement Projects

September 2, 2025

DISTRIBUTION

Retail Water Meter Replacement Program - $3,100,000 total / $2,000,000 2025-2027
The project will include city-wide replacement of 13,000 Meter Interface Units (MIU's). Approximately 1000 water meters with copper service lines will be replaced.
Update: Work began on August 19th, with 2.3% complete to date, representing 4 meter replacements and 129 MIU replacements.

Annual Water Main Replacement and LSLR - $8,931,000
Water main replacement projects as part of the City's annual Water Main and Street Resurfacing Project, including full replacement of lead service lines from the water main to the indoor private meter. Work this year includes the replacement of eight water main sections: Ashland from Lyons to Emerson, Church from McDaniel to Florence (pending utility permit issuance from IDOT), Darrow from Lee to Dempster, Dewey from Foster to Simpson, McDaniel from Church to Leland, Park from McDaniel to Walnut, Woodbine from Livingston to Isabella, and Girard from Isabella to North Limits. Up to 150 lead water service lines are expected to be replaced as part of this project. Water main on Girard Avenue from Isabella Street to the North City Limits was added to the 2024 contract and has been completed.
Update: Water main installation and water service connections are scheduled to be completed on all six streets by Thursday, September 4th. Street resurfacing is complete on Ashland Avenue, McDaniel Avenue, and Dewey Avenue. Concrete repairs are underway on Darrow Avenue and will follow on Woodbine Avenue and Park Place. Street resurfacing for the final three streets is planned for October.

LSLR Pilot Project – $1,830,000
Construction of the LSLR Pilot Project, including replacement of approximately 100 lead service lines in low- to moderate-income areas in the City primarily funded by a $1 million grant from DCEO. This project is complete.

LSLR Prioritized Replacements – $5,925,000
Design and construction for the replacement of lead service lines in Census Tract 8092 (in Ward 5) which has been identified as the most likely to receive IEPA SRF funding. IEPA has earmarked up to $3,027,000 for LSLR. The cost for associated water main replacement and restoration not covered by the IEPA is paid for out of the Water Fund. The project will include approximately 230 stand-alone LSLR, with an additional 50 associated with water main improvements on Hartrey from Church to Emerson and on Brown from Foster to Simpson.
Update: The Contractor mobilized and continues work on Hartrey south of Emerson. Outreach continues with a 65% response rate.

Green Bay Road, McCormick to Isabella / Water - $1,523,000
Funding for water main replacement included in the Green Bay Road Corridor Improvement Project. All associated water main work is complete.

Emergency Water Main Repair - $100,000
Emergency water main repairs to be used as necessary.

SEWER

Annual Sewer CIPP Rehabilitation – $795,000
Trenchless rehabilitation of sewer using cured-in-place pipe. Work includes rehabilitation of sewers needing repair as identified through the City's in-house sewer inspection program and is also coordinated with the City's annual water main and MFT street resurfacing projects. 11,353 feet of sewer lining is planned for this year.
Update: All work is complete. Staff is reviewing televising and material testing reports to process final payments.

Drainage Structure Lining – $200,000
Rehabilitation of sewer system drainage structures and manholes using cementitious and epoxy spray-on liners. This annual work is scheduled for the fall.
Update: Bids were opened on August 12th. Award has been delayed as staff evaluates compliance with the Responsible Bidder Ordinance.

Sewer Repairs on Street Improvements – $215,000
Sewer improvements that will be completed as part of the City's annual Water Main Project.

Green Bay Road, McCormick to Isabella / Sewer - $830,000
Funding for sewer improvements included in the Green Bay Road Corridor Improvement Project. Sewer repairs are complete, with drainage structures being completed as road work proceeds.

Emergency Sewer Work - $100,000
Emergency sewer repairs to be used as necessary.

STORMWATER

Stormwater Improvements – $400,000
Relief sewer extensions to be completed as part of the City's Alley Improvement Project. This project is complete.
Update: Installation of the storm sewer extension on Colfax Street between Hartrey Avenue and Brown Avenue began on Wednesday, September 3rd.

CSO Outlet Rehabilitation – $200,000
Inspection of 14 combined sewer overflow structures at 9 locations along the North Shore Channel, and design of needed improvements.
Update: Eight proposals received on August 5th were opened and evaluated. A recommendation for award is going to City Council on September 8th.

WATER PLANT

1909 Intake Replacement – $55,665,939 total / $16,694,585 2025
Replacement of the existing 36"/42" raw water intake structure and pipeline which were built in 1909.
Update: Marine pipeline installation is complete. Significant work remains with testing/acceptance of the pipeline, installation of the intake cone array, installation of the power cables and chlorine feed lines and startup/commissioning. On the land side, asphalt restoration is complete, and cleanup continues. Installation of ancillary systems continues.

Medium Voltage Reliability and Generator – $18,900,000 total / $3,300,000 2025
Electrical system improvements including two new 1000KW 4160 volt natural-gas generators, 4160 volt switchgear, 480 volt switchgear, building expansion, miscellaneous reliability improvements throughout the water plant, and the capability to incorporate electric vehicle chargers and solar power in the future. Construction is anticipated to take 39 months over a 4-year period, and the schedule provides almost a year for procurement of the new electrical equipment.
Update: Notice to Proceed for September 8th is going through approvals, and a kickoff meeting is scheduled for September 22nd. This 3-year project is scheduled for completion in November 21, 2028.

Standpipe Water Quality – $825,000
Improvements to the chlorination systems at each of the City's two standpipes to improve water quality and better meet the updated standards for chlorine residual requirements in the water distribution system. This project is complete.

Revetment Rehabilitation – $1,200,000
Shoreline improvements east of the wash water detention basin based on recommendations from a city-wide shoreline assessment.
Update: Bids were opened on August 4th, with City Council approving award of the contract on August 25th. A kickoff meeting is scheduled for September 3rd.

Corrosion Control Improvements – $1,2075,000 / 200,000 2025
Design of Corrosion Control Improvements based on recommendations from the study scheduled to be completed in 2025.

Filter Plant Reliability – $46,800,000 / $800,000 2025
Improvements to the east and west filter plants. Improvements are based on recommendations from an earlier water plant studies and evaluations, along with needs identified by staff. The initial study will focus on evaluating needed filtration capacity for reliability and appropriate redundancy, further definition of filter plant needs, and phasing of the multi-year project, before engineering design is initiated.
Update: Staff is developing the RFP for engineering services.

Security Fence – $3,300,000 / $200,000 2025
Evaluation of perimeter security for the water plant campus as well as the north and south standpipe sites. The evaluation will result in recommended improvements and design of security fence and access for each site.
Update: Consultant submitted a preliminary design report and has scheduled a review meeting on September 5th.

Chlorine to Hypochlorite Conversion – $2,815,000 / $100,000 2025
Evaluation and feasibility study for converting the gaseous chlorine disinfection systems at the water plant and standpipes to hypochlorite systems.
Update: A kickoff meeting is scheduled in September.

Fire Sprinkler System Study – $75,000
Evaluation of the current fire sprinkler system throughout the water plant campus.
Update: The RFP has been advertised and a pre-proposal meeting was held on August 25th. Proposals are due on September 9th.

Pump Station Dehumidification – $300,000
Replacement of the dehumidification unit that conditions the air in all the Pump Station basement pipe gallery areas. The project will be completed by April 15, 2025 due to the long lead time (50+ weeks) to procure the dehumidification system equipment. This project is complete.