



UTILITIES COMMISSION

Friday, October 17, 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. Highlights from/Questions about the monthly utility reliability report and the Water/Sewer Fund Capital Improvement Project Summaries
- 6. UNFINISHED BUSINESS**
 - a. Energy Menu 3.0
 - 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: November 21, 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

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 osmosis 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
9/1/25 to 9/30/25

Basement Backups - Private

Number - 12

Date	Address	Rainfall	Cause
09/02/25	232 Callan Ave	0.00"	Private
09/03/25	961 Mulford St	0.00"	Private
09/08/25	1827 Dobson St	0.00"	Private
09/08/25	1722 Brown Ave	0.00"	Private
09/15/25	823 Brummel St	0.00"	Private
09/15/25	1522 Greenleaf St	0.00"	Private
09/18/25	1803 Lemar Ave	0.00"	Private
09/18/25	114 Clyde Ave (in alley)	0.00"	Private
09/23/25	2035 Brown Ave	0.00"	Private
09/24/25	2129 Church St	0.00"	Private
09/25/25	1108 Darrow Ave	0.00"	Private
09/29/25	1725 McDaniel Ave (A & B)	0.00"	Private

Basement Backup - City

Number - 0

Date	Address	Rainfall	Cause
NA			

Basement Flooding - Private

Number - 0

Date	Address	Rainfall	Cause
NA			

Water Main Breaks - Repair - Blow Out

Number - 3

Date	Address	Installed	Diameter	# Breaks	Down Time	# Affected
9/3/25	833 Grey Ave	1/1/1925	6"	0	2.00 hrs	42
9/8/25	2329 Brown	1/1/1910	6"	1	2.00 hrs	24
9/17/25	1622 Forest	1/1/1980	12"	0	2.00 hrs	5

Water Main Breaks - Repair - Shear Break

Number - 1

Date	Address	Installed	Diameter	# Breaks	Down Time	# Affected
09/08/25	Greenwood & Florence	1/1/1907	6"	0	2.00 hrs	8

Sewer Service Repair Permits Obtained

Number - 34

Date	Address	Work Description
9/4/2025	1115 Oakton St	Cleanout and sewer repair
9/4/2025	1049 Fowler Ave	Cleanout and sewer repair
9/4/2025	2329 Ridgeway Ave	Sewer repair
9/4/2025	1019 Oakton St	Cleanout and sewer repair

9/10/2025	1715 Church St	Sewer repair
9/15/2025	2126 Dobson St	Cleanout and sewer repair
9/15/2025	1419 Lake St	Sewer repair
9/15/2025	905 Colfax St	Cleanout and sewer repair
9/15/2025	2836 Park Pl	Cleanout and sewer repair
9/16/2025	922 Asbury Ave	Sewer repair
9/16/2025	2730 Payne St	Cleanout and sewer repair
9/18/2025	1908 Asbury Ave	Cleanout and sewer repair
9/18/2025	334 Florence Ave	Cleanout and sewer repair
9/19/2025	1914 Keeney St	Cleanout and sewer repair
9/19/2025	818 Clinton Pl	Sewer repair
9/22/2025	2714 Noyes St	Sewer repair
9/22/2025	1327 Lake St	Sewer repair
9/22/2025	814 Mulford St	Install cleanout
9/23/2025	2204 Forestview Rd	Sewer repair
9/23/2025	2424 Davis St	Sewer repair
9/24/2025	1142 Hinman Ave	Sewer repair
9/24/2025	1128 Ridge Ave	Sewer repair
9/24/2025	1320 Lyons St	Sewer repair
9/24/2025	1104 Brummel St	Sewer repair
9/24/2025	314 Dewey Ave	Sewer repair
9/24/2025	2221 Oakton St	Sewer repair
9/24/2025	616 Central St	Install cleanout
9/26/2025	2609 Ridge Ave	Sewer repair
9/26/2025	1045 Florence Ave	Install cleanout
9/26/2025	1219 Pitner Ave	Sewer repair
9/29/2025	2709 Princeton Ave	Sewer repair
9/29/2025	315 Davis St	Sewer repair
9/30/2025	3321 Colfax St	Cleanout and sewer repair
9/30/2025	2508 Central Park Ave	Sewer repair

YEARLY COMPARISON

ITEM/YEAR	2025	2024	2023	2022	2021	5 Year Average	2025
	Thru Sep						% of Average
Basement Backups - City	2	3	3	2	5	3.00	66.67%
Basement Backups - Private	77	88	98	132	118	102.60	75.05%
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	23	25	23	24	22	23.40	98.29%
Water Main - Damage	0	0	0	1	3	0.80	0.00%
Water Main - Shear Break	12	6	10	14	12	10.80	111.11%
Total Water Main Breaks	35	31	33	39	37	35.00	100.00%
Sewer Repair Permits	220	208	202	202	206	207.60	105.97%
WSRP Permits (Disconnects/Demo)	2	7	13	13	4	7.80	25.64%
LSLR	218	291	148	194	NA	212.75	102.47%

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	\$ 1,352,881		\$ 26,002		\$ 228,849			
	Public LSLR Cost					\$ 42,759			
	Private LSLR Cost	\$ 8,492		\$ 11,407	\$ 281,847	\$ 44,421			
	Total Cost	\$ 1,361,374	\$ 5,218,213		\$ 281,847	\$ 316,030	\$ 144,312		
Average Cost Across All Programs									\$9,649
Total Target		153		280	22	49	25	30	559
Counts	Full LSLR	113		50		21			
	Public LSLR	19				8			
	Private LSLR	1		230		8			
	LSLRs Completed	133		0	21	37	27	20	218
Funding	Cost 2025	\$ 1,361,374			\$ 281,847	\$ 316,030	\$ 144,312		\$ 2,103,563
	Funding 2025	\$ 1,361,374		\$ 5,000,000	\$ 281,847	\$ 298,000	\$ 144,312		
	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

4,666

9,990

14,657

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

490

277

158

22

947

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.

Status of Water & Sewer Funds 2025 Capital Improvement Projects

October 3, 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: 585 remote readout devices and 17 meters with remote readout devices have been replaced, for a total of 602 replacements out of 5529 accounts that are in the South section. Overall work is 11% complete.

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 complete for all six project locations. Street resurfacing for Woodbine Avenue and Park Place are scheduled for the week of October 6. Final restoration for all streets is expected to be completed by the end of 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: Water main installation is complete on Hartrey. The contractor has started service line replacement on both Hartrey and Brown. Outreach continues with a 80% 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: City Council approved award of the contract to National Power Rodding on September 29th. Work is expected to begin in October.

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 and sewer installation in the alley North of Grant, east of Hartrey is expected to be complete the week of October 6. Sewer installation in the alley North of Lincoln, east of Hartrey will follow.

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: City Council approved award of the contract to Hey and Associates on September 8th. A kickoff meeting was held on October 1st. Inspection is expected to begin in October or November depending on the vegetation overgrowth around the outlets along the Northshore Channel and weather.

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: Work continues with testing/acceptance of the marine pipeline, installation of the intake cone array, installation of the power cables and chlorine feed lines and startup/commissioning. On the land side, installation of ancillary systems remains.

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: A kickoff meeting was held on September 22nd. Contractor submittals have begun. The contractor is expected to mobilize on site in January with work scheduled for completion in November 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: A kickoff meeting was held on September 3rd. The contractor is scheduled to mobilize on site on October 14th. Work is scheduled for completion by the end of the year, depending on weather.

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: A meeting lead by the consultant to review recommendations for each site was held on September 5th with a follow up meeting with staff on September 29th. Staff is preparing final comments to send back to the consultant.

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 for October 10th.

Fire Sprinkler System Study – \$75,000

Evaluation of the current fire sprinkler system throughout the water plant campus.

Update: Staff is reviewing the one proposal that was received and opened 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.