

**MINUTES OF A COMMITTEE OF THE WHOLE MEETING
OSWEGO VILLAGE PRESIDENT AND BOARD OF TRUSTEES
OSWEGO VILLAGE HALL
100 PARKERS MILL, OSWEGO, ILLINOIS
October 5, 2021**

CALL TO ORDER

President Troy Parlier called the meeting to order at 6:02 p.m.

ROLL CALL

Board Members Physically Present: President Troy Parlier; Trustees Tom Guist, Kit Kuhrt, James Marter II, Terry Olson, Jennifer Jones Sinnott, and Brian Thomas.

Staff Physically Present: Dan Di Santo, Village Administrator; Christina Burns, Asst. Village Administrator; Tina Touchette, Village Clerk; Jeff Burgner, Police Chief; Jennifer Hughes, Public Works Director; Rod Zenner, Community Development Director; Joe Renzetti, IG/GIS Director; Billie Robinson, Asst. Finance Director; Susan Quasney, Engineer; Tim Zasada, Asst. Public Works Director Utilities; Julie Hoffman, Community Engagement Coordinator, Special Events; Karl Ottosen, Village Attorney; and Douglas Dorando, Village Attorney.

PUBLIC FORUM

Public Forum was opened at 6:02 p.m. There was no one who requested to speak. The public forum was closed at 6:02 p.m.

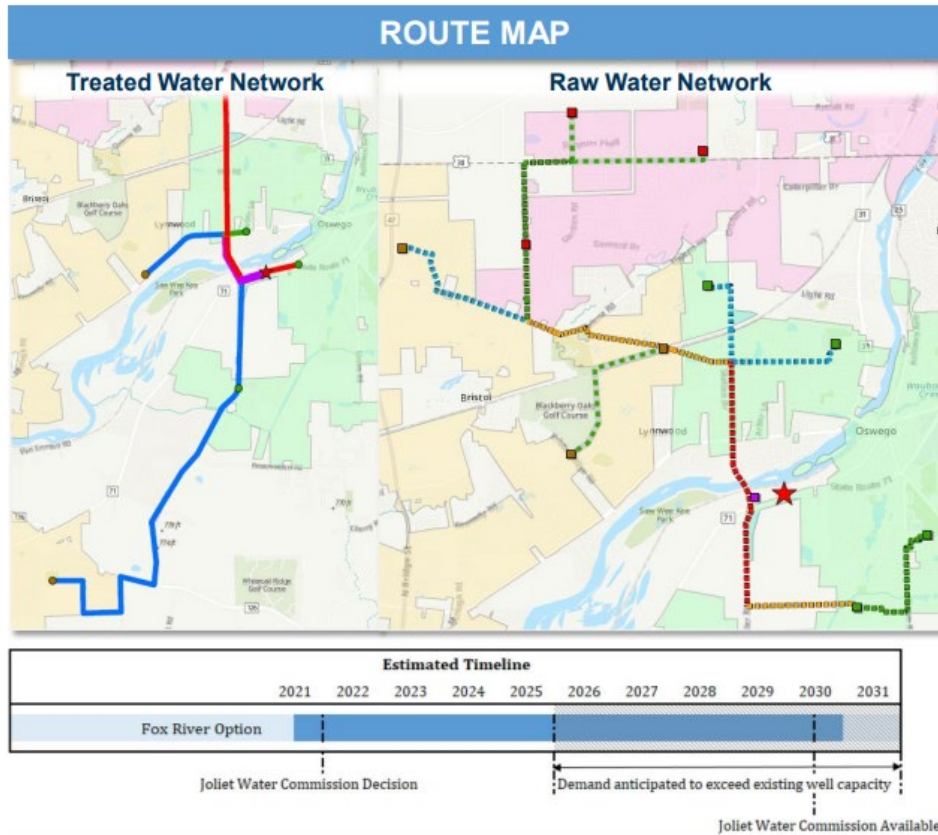
OLD BUSINESS

F.1 Update on the Alternative Water Source Evaluation – Part 5: Cost Analysis

Director Hughes addressed the Board regarding the cost analysis. Baxter & Woodman representatives, Carolyn Grieves and Lauren Schuld attended in person and presented the following:

Cost Estimate Approach	
Study Assumptions	
Costs updated to 2021	30% Construction Contingency
20% Engineering & Legal Costs	
Classification	Description
Low Density	Rural roadways, outside of pavement. Minimal utility coordination and minimal traffic control needs. Backfill with excavated materials and restoration along roadway ditches.
Medium Density	Suburban arterial roadway. Includes moderate utility coordination/relocation and moderate traffic control. Granular backfill and restoration of HMA pavement.
High Density	Urban residential and major arterials (including county/state routes). Significant utility coordination and traffic control needs. Granular backfill and restoration of HMA/PCC pavement.
Trenchless Crossing	Streams/rivers/wetlands and major roadway crossings. Auger/jack and bore in casing.
Trenchless Crossing (Railroad)	Railroad crossings. Auger/jack and bore in casing.
Utility Corridor	Open cut in utility ROW with minimal utility relocation and traffic protection needs. Backfill with excavated materials and seeding restoration along ROW.

Fox River Option



SUSTAINABILITY OF WATER SOURCE

- Fox River Water
- Low Flow/Seasonal Water quality restriction
- Network wells required for backup

WATER QUALITY & PERMITTING

- Lime Softening Water Plant with Ultrafiltration (Class A)
- Seasonal changes in water quality
- 3 miles downstream of Fox Metro Water Reclamation Facility

GOVERNANCE & OPERATIONAL RESPONSIBILITY

- Intergovernmental agreement needed between Montgomery, Oswego, and Yorkville
- Shared ownership and control of source, treatment, and distribution

INTERNAL SYSTEM IMPROVEMENTS

- Transmission mains
- New wells
- New storage
- New Oswego well likely needed

TIMELINE

- Estimated 9-11 years

Treated Water Network 12.7 miles	Raw Water Network 13.5 miles
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- Two connection points
- Does not have a connection to the high zone

SUSTAINABILITY OF WATER SOURCE

- Lake Michigan water
- No seasonal restrictions/ MDD:ADD 1.7
- Wells kept for emergency
- Looped water mains in DWC

WATER QUALITY & PERMITTING

- Chicago treats water
- Chlorine disinfection of treated water (Class C)
- Seasonally consistent water quality

GOVERNANCE & OPERATIONAL RESPONSIBILITY

- No direct ownership or control of source water
- Indirect control of the transmission infrastructure

INTERNAL SYSTEM IMPROVEMENTS

- Transmission mains
- New storage
- Receiving station/pumping stations

TIMELINE

- Estimated 4-5 years

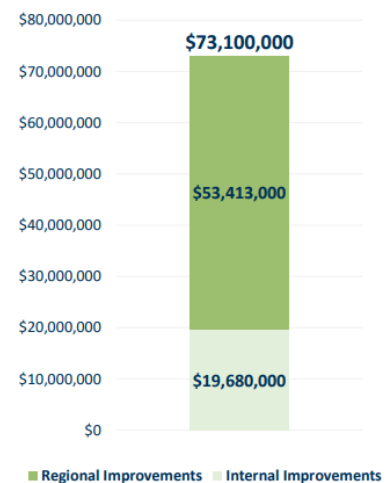
Treated Water Network
29.1 miles



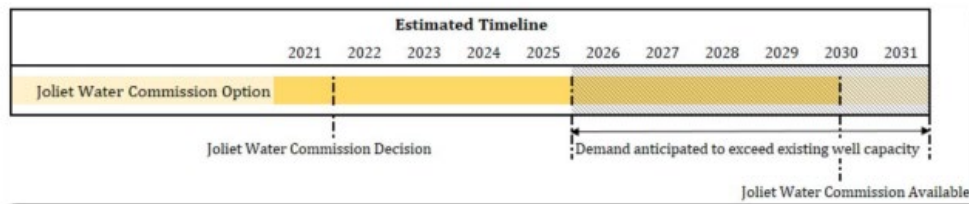
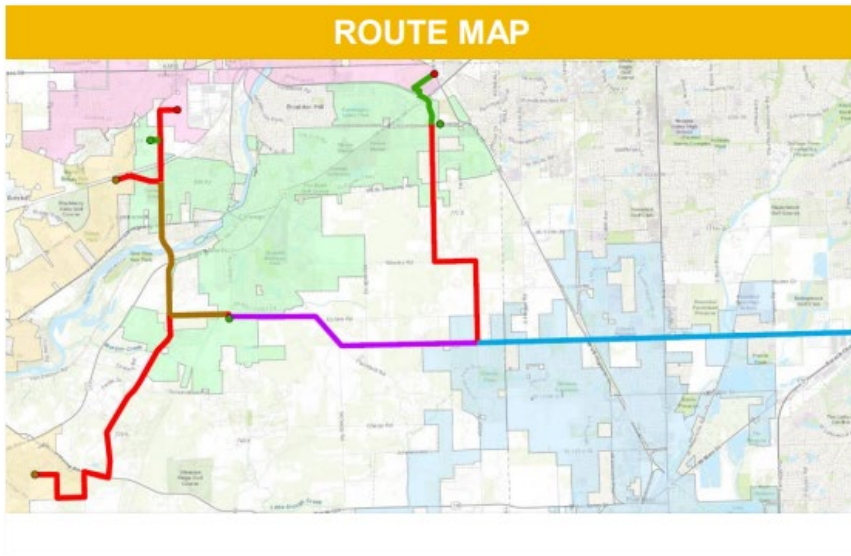
- 95th Street right-of-ways already there
- Current connection in Naperville
- Three connection points (high, middle, and low)
- Will not require a new well due to the 4–5-year timeline

DuPage Water Commission Option – Oswego Capital Cost Estimate

Description	DuPage Water Commission Option	
	Total	Oswego
Sub-Regional Well SR-1		
Raw Water Transmission Mains		
25 MGD Intake Pump Station		
25 MGD Lime Softening WTP		
Treated Water Transmission Mains	\$ 161,780,000	\$ 43,040,000
Buy-in Costs	\$ 27,720,000	\$ 10,373,000
Regional Improvements Subtotal	\$ 189,500,000	\$ 53,413,000
Receiving Stations	\$ 12,600,000	\$ 6,840,000
Intermediate Oswego Well & Treatment		
Internal Storage & Pumping	\$ 15,755,300	\$ 6,700,000
Internal Distribution Improvements	\$ 10,957,940	\$ 6,140,000
Internal System Improvements Subtotal	\$ 39,313,240	\$ 19,680,000
Total	\$ 228,830,000	\$ 73,100,000



Joliet Water Commission Option



SUSTAINABILITY OF WATER SOURCE

- Lake Michigan water
- No seasonal restrictions/ MDD:ADD 1.7
- Wells kept for emergency
- Single supply/not looped main

WATER QUALITY & PERMITTING

- Chicago treats water
- Chlorine disinfection of treated water (Class C)
- Seasonally consistent water quality

GOVERNANCE & OPERATIONAL RESPONSIBILITY

- Joliet Water Commission still being formed
- No direct ownership or control of source water
- Indirect control of transmission infrastructure

INTERNAL SYSTEM IMPROVEMENTS

- Transmission mains
- New storage
- Receiving station/pumping stations
- New Oswego well likely needed

TIMELINE

- No earlier than 2030

Treated Water Network
TBD



- Commission currently under formation and optimizing routes
- Connection points remain the same (high, middle, and low)

SUSTAINABILITY OF WATER SOURCE

- Lake Michigan water
- No seasonal restrictions/ MDD:ADD 1.7
- Wells kept for emergency
- Unlooped supply mains

WATER QUALITY & PERMITTING

- Chicago treats water
- Chlorine disinfection of treated water (Class C)
- Seasonally consistent water quality

GOVERNANCE & OPERATIONAL RESPONSIBILITY

- Illinois American Water is a private utility
- No direct ownership or control of source water
- No direct control of the transmission infrastructure

INTERNAL SYSTEM IMPROVEMENTS

- Transmission mains
- New storage
- Receiving station/pumping stations

TIMELINE

- Timeline still to be determined, estimated 4-5 years

Treated Water Network
26.1 miles



- No costs were available to be provided
- Private company; they currently deliver water to Plainfield
- Offer two models:
 - Communities would operate and maintain
 - Illinois American Water would operate and maintain
- Will need a new well due to the timeframe

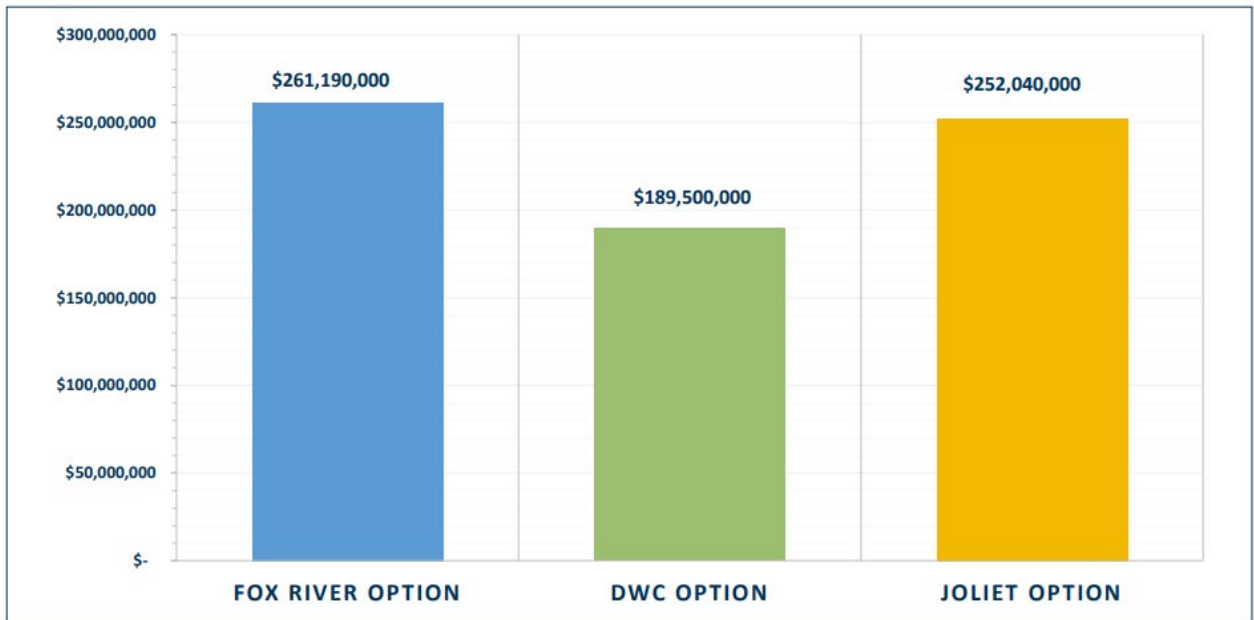
Summary

Oswego Capital Cost Estimate Summary						
Description	Fox River Option		DuPage Water Commission Option		Joliet Water Commission Option	
	Total	Oswego	Total	Oswego	Total	Oswego
Sub-Regional Well SR-1	\$ 3,110,000	\$ 2,190,000				
Raw Water Transmission Mains	\$ 54,920,000	\$ 18,430,000				
25 MGD Intake Pump Station	\$ 8,570,000	\$ 3,240,000				
25 MGD Lime Softening WTP	\$ 121,880,000	\$ 46,070,000				
Treated Water Transmission Mains	\$ 72,710,000	\$ 12,720,000	\$ 161,780,000	\$ 43,040,000	\$ 8,910,000	\$ 947,000
Buy-in Costs			\$ 27,720,000	\$ 10,373,000	\$ 243,130,000	\$ 82,690,000
Regional Improvements Subtotal	\$ 261,190,000	\$ 82,650,000	\$ 189,500,000	\$ 53,413,000	\$ 252,040,000	\$ 83,637,000
Receiving Stations	\$ 6,660,000	\$ 3,330,000	\$ 12,600,000	\$ 6,840,000	\$ 31,920,000	\$ 17,820,000
Intermediate Oswego Well & Treatment	\$ 6,410,000	\$ 6,410,000			\$ 6,410,000	\$ 6,410,000
Internal Storage & Pumping	\$ 12,620,000	\$ 12,620,000	\$ 15,755,300	\$ 6,700,000		
Internal Distribution Improvements	\$ 10,891,700	\$ 8,600,000	\$ 10,957,940	\$ 6,140,000	\$ 10,957,940	\$ 6,140,000
Internal System Improvements Subtotal	\$ 36,581,700	\$ 30,960,000	\$ 39,313,240	\$ 19,680,000	\$ 58,343,240	\$ 30,370,000
Total	\$ 297,780,000	\$ 113,610,000	\$ 228,830,000	\$ 73,100,000	\$ 310,390,000	\$ 114,010,000

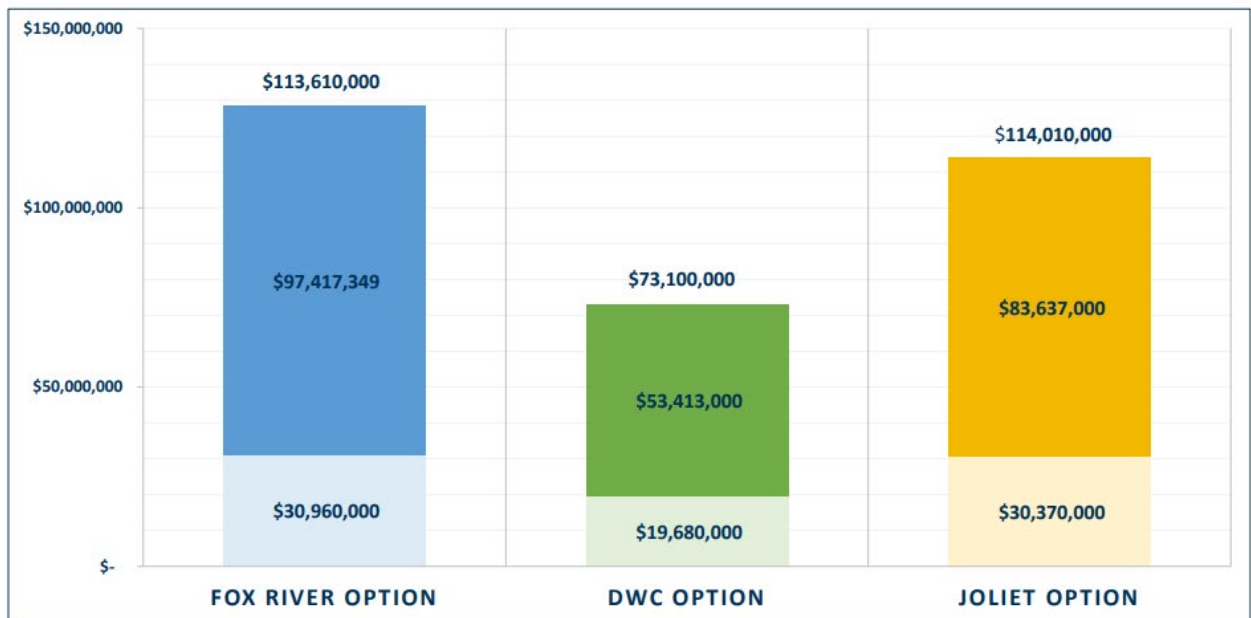
- Numbers will change when Montgomery's numbers come in

- Oswego's numbers will not change

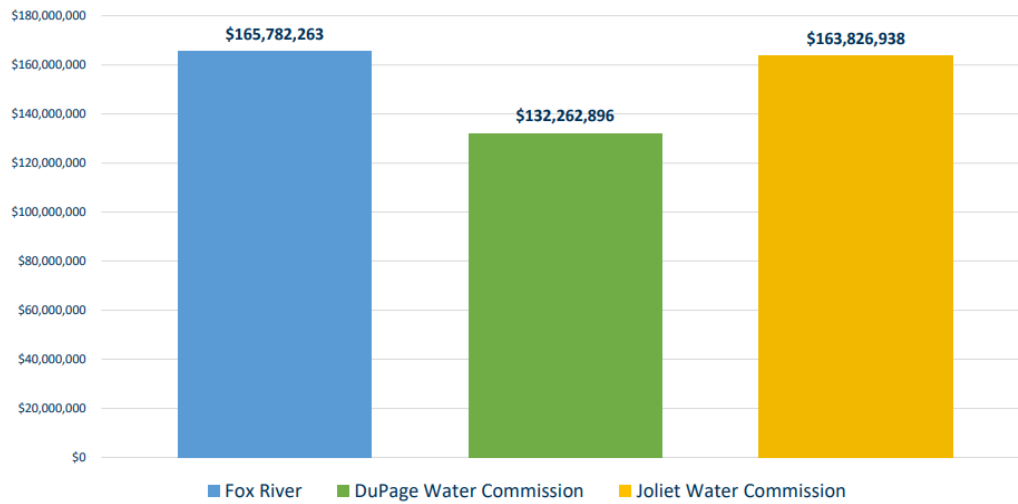
Regional Improvements Capital Cost Estimate Summary



Oswego Capital Cost Estimate Summary



Oswego 30 Year Cost of Water



Costs Include...

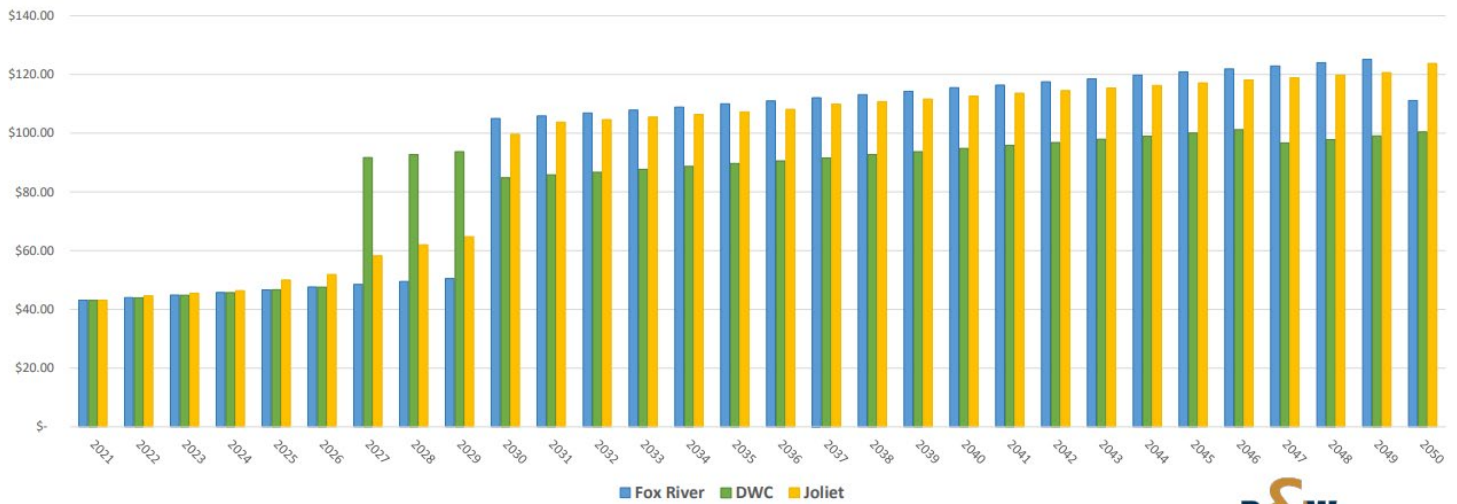
- ✓ Capital/Debt Service
- ✓ Water Supply (Purchase or Production)
- ✓ O&M



Oswego Rate Impact



Sample Monthly Water Bill
5,500 gallons monthly

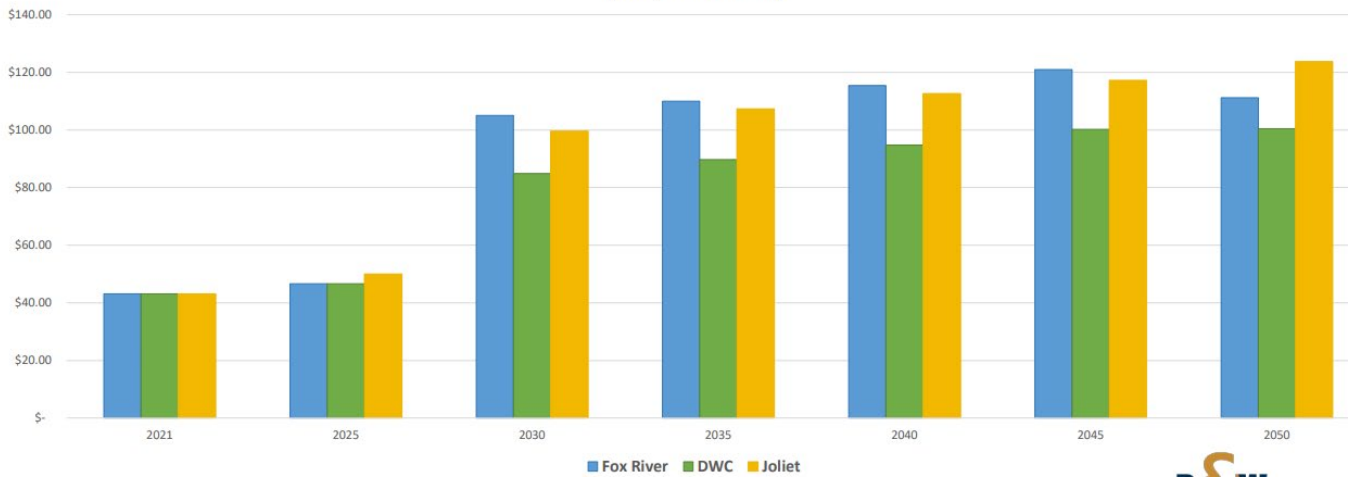


- Rates cover treatment, distribution, hydrant painting, salaries, and equipment
- DWC spikes earlier because it's in earlier
- Removed the treatment rates and added operation and maintenance rates
- Joliet's numbers start going up in year 2025
- DWC is negotiating water rates with Chicago

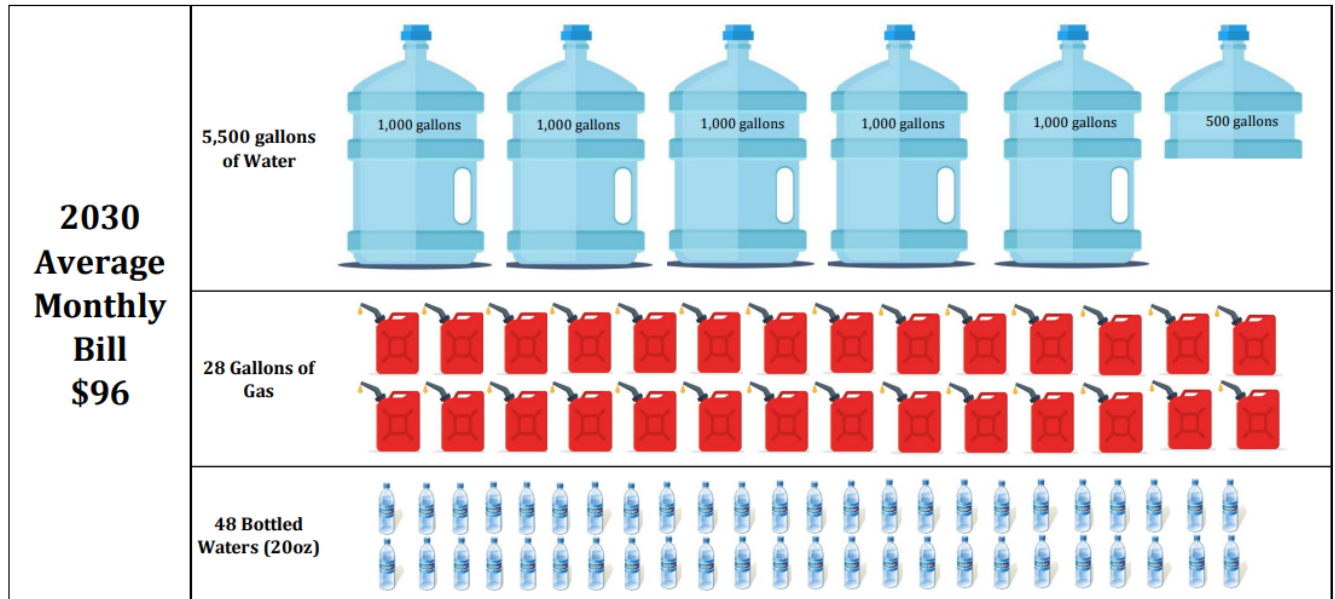
Oswego Rate Impact



Sample Monthly Water Bill
5,500 gallons monthly

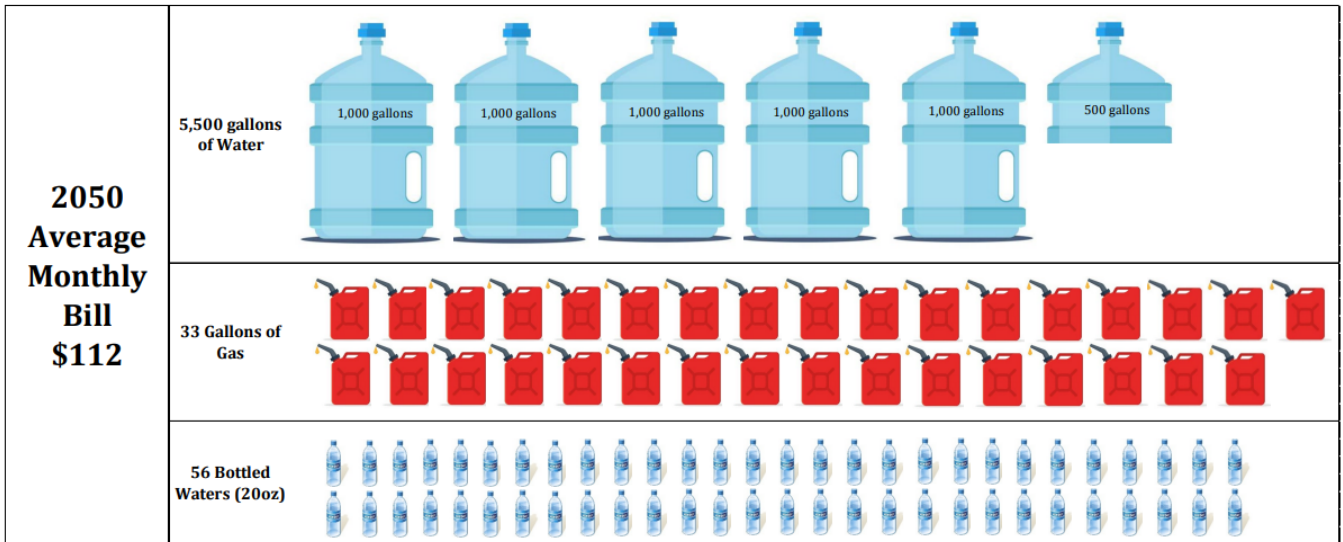


Oswego 2030 Average Monthly Bill Comparison



- Inflation included in the water numbers

Oswego 2050 Average Monthly Bill Comparison



Board, staff, and Baxter & Woodman representatives discussion focused on how the splitting of costs is determined; depends on components and demands; different percentages assigned; route chosen for existing right-of-ways and utilities; 30 year costs start 2020-2050; Oswego's portion may change after Montgomery makes a decision; there will be an impact if Yorkville or Montgomery don't join; buy-in costs; Yorkville has not made a choice yet, but seem to be leaning towards Lake Michigan; staff, Administrators, Mayors and Public Works Directors for Oswego, Yorkville and Montgomery will be scheduling meetings to discuss options; proposed method to pay the costs and cost estimates are provided in the report from Baxter & Woodman; low interest loans; bonds; grants; DWC willing to help with loans; Federal lobbyist is looking into funding resources; will have a future conversation regarding financing; not needing to put a well in is a key factor; new well is needed in 2-3 years and would cost \$3-\$5 million; still working on cost estimates; Illinois American Water is a private company; they've had a year to get the cost information to us; how government bonds work; when costs will kick in; water main projects are included in CIP; typical customer uses 5,500 gallons of water per month; staff will do a rate study and address usage early next year after the water source is determined; DWC working on negotiating rates with Chicago; provision in the contract that DWC will always get the lowest rate; they don't want to lose customers to Indiana; will be able to tighten up the 30% contingency when under design; watching material and costs; costs depend on when each option is built; cost details will be posted on the Village's website next week; leak detection program; changing of water meters; conservation practices; being more efficient in the future; funding suggestions; this is the final presentation before discussions with Yorkville and Montgomery; if choosing Joliet, we will need to sign an agreement in January; not putting in another well is an influential part; amortization table needed; no one can have a lower rate than DWC; need to move on this; frequency of contracts; can extend for 40 years; selecting a preferred option in the next couple meetings; will have many months and years to talk about the details; governance models; DWC has been around for 40 years; impressed with Joliet's staff and team; Oswego would be a part of the DWC or Joliet commission; most autonomy would be with choosing the Fox River option. There was no further discussion

NEW BUSINESS

There was no new business.

CLOSED SESSION

There was no closed session.

ADJOURNMENT

The meeting adjourned at 7:01 p.m.

Tina Touchette
Village Clerk