

MINUTES OF THE REGULAR MEETING OF THE CITY COUNCIL
OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS,
HELD IN THE CITY COUNCIL CHAMBERS,
800 GAME FARM ROAD ON
TUESDAY, OCTOBER 27, 2020

Mayor Purcell called the meeting to order at 7:01 p.m. and led the Council in the Pledge of Allegiance.

ROLL CALL

City Clerk Pickering called the roll.

Ward I	Koch	Present
	Transier	Present
Ward II	Milschewski	Present
	Plocher	Present
Ward III	Funkhouser	Present
	Frieders	Present
Ward IV	Tarulis	Present
	Peterson	Present

Staff in attendance at city hall: City Administrator Olson, City Clerk Pickering, Chief of Police Jensen, Deputy Chief Pfizenmaier, Public Works Director Dhuse, and Attorney Orr.

Staff in attendance electronically: Community Development Director Barksdale-Noble, Finance Director Fredrickson, Parks and Recreation Director Evans, Assistant City Administrator Willrett, and EEI Engineer Sanderson.

Clerk's Note: Due to COVID-19, in accordance with Public Act 101-0640 and Gubernatorial Disaster Proclamation issued by Governor Pritzker pursuant to the powers vested in the Governor under the Illinois Emergency Management Act, the United City of Yorkville encouraged social distancing by allowing remote attendance to the City Council meeting.

Members of the public were able to attend this meeting in person while practicing social distancing as well as being able to access the meeting remotely via Zoom which allowed for video, audio and telephonic participation.

A meeting notice was posted on the city's website on the agenda, minutes and packets webpage with instructions regarding remote meeting access and a link was included for the public to participate in the meeting remotely: <https://us02web.zoom.us/j/86121981677?pwd=dmgxek1hQWNpTGhYYnV6WnQ0NVl4Zz09>. The Zoom meeting ID was 861 2198 1677.

QUORUM

A quorum was established.

AMENDMENTS TO THE AGENDA

None.

PRESENTATIONS

Fiscal Year 2020 Audit Report

Brad Porter from Lauterbach & Amen, LLP was in attendance electronically and he gave an overview of the city's fiscal year 2020 financial statement audit. He said there were a few items that he wanted to go over. The first item is known as the SAS 114 letter. This statement on auditing standards 114 document requires the auditor to communicate any disagreements or difficulties that the auditor has encountered over the course of their audit testing. Mr. Porter was happy to report that there were not any difficulties or disagreements.

The second item he mentioned was that the City was once again awarded a Certificate of Achievement for Excellence in Financial Reporting, issued by the Government Finance Officers Association. This award represents the highest form of financial reporting excellence that is issued across the industry.

In the Independent Auditor's Report, Mr. Porter stated that the auditor has issued an unmodified opinion for fiscal year 2020. This opinion represents that the auditor feels that the financial statements are free from any material misstatement and that there are sound internal controls over the financial reporting function.

Within the Comprehensive Annual Financial Report (CAFR) document, under the section titled "Management's Discussion and Analysis", Mr. Porter pointed out that the city's general fund had a

positive operating income of \$3.2 million dollars this year. He also mentioned the water and sewer fund income statements which showed 8%, and 4% increases respectively. Additionally, Mr. Porter mentioned a significant decrease in the IMRF net pension liability for calendar year 2019 of approximately \$1.1 million dollars. Regarding the police pension fund, the city experienced in an increase in net pension liability of approximately \$1 million dollars.

Mr. Porter also mentioned the Management Letter. The primary purpose of this letter is for the auditor to convey any internal control recommendations or best practices that they see across the industry. He reported that there were not any new recommendations as a result of their fiscal year 2020 audit procedures.

City Administrator Olson gave a brief overview of the fiscal year 2020 audit (*see attached*).

PUBLIC HEARINGS

None.

CITIZEN COMMENTS ON AGENDA ITEMS

None.

CONSENT AGENDA

1. Minutes of the Regular City Council – October 13, 2020
2. Bill Payments for Approval
 - \$ 754,830.76 (vendors)
 - \$ 312,643.74 (payroll period ending 10/16/20)
 - \$ 1,067,474.50 (total)
3. Treasurer’s Report for September 2020 (ADM 2020-59)
4. **Resolution 2020-71** Authorizing the Closure of the Illinois Funds Motor Fuel Tax Account – *authorize the Mayor and City Clerk to execute* (ADM 2020-63)

Mayor Purcell entertained a motion to approve the consent agenda. So moved by Alderman Peterson; seconded by Alderman Milschewski.

Motion approved by a roll call vote. Ayes-8 Nays-0
Koch-aye, Milschewski-aye, Funkhouser-aye, Tarulis-aye,
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye

REPORTS

MAYOR’S REPORT

Halloween

Mayor Purcell reminded everyone that Trick or Treating will be held on Halloween from 3:00 p.m. until 7:00 p.m.

CURES Funding

Mayor Purcell mentioned that the city was approved to receive \$784,000 in CURES funding through the state of Illinois. This funding reimburses the city for COVID related expenses.

**Poppy Days Proclamation
(CC 2020-79)**

Mayor Purcell proclaimed November 4 – 11, 2020 as “Poppy Awareness Days” in the United City of Yorkville (*see attached*).

**Appointments of Freedom of Information Officer – Nicole Collum
(CC 2020-80)**

Mayor Purcell entertained a motion to approve the appointment of Nicole Collum as a Freedom of Information officer. So moved by Alderman Milschewski; seconded by Alderman Koch.

Motion unanimously approved by a viva voce vote.

**ITEP Applications
(PW 2020-63)**

Administrator Olson explained that the council had previously authorized staff to submit an ITEP application for the Fox Road project. There are two options presented to council in the packet for the terminus of the path on the east end. Assistant Administrator Willrett explained that Option A will take the path from Hoover Forest Preserve east all the way to Route 47. Option B will take the path from

Hoover Forest Preserve east to Morgan Street and then on-road bike path signage would be used from Morgan Street to Route 126 to the crossing at Route 126 and Route 47. The application is due on Monday, November 2nd.

Discussion centered around the difference in cost between Option A and Option B. The local share for Option A is estimated at a little over \$1 million dollars. The local share for Option B is estimated at \$850,000. It was mentioned that it was unknown if the county would be participating. Discussion also took place that it would be nice to have the multi-use trail extend the entire way to Route 47, instead of having to use an on-street option from Morgan to the intersection of 47/126. It was asked how long the project would take. Engineer Sanderson explained that this project will involve federal funds, which means the project could take 4-6 years before it is completed.

Mayor Purcell entertained a motion to authorize staff to proceed with the Fox Road Multi-Use Trail application with Option A. So moved by Alderman Frieders; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-7 Nays-1
Funkhouser-nay, Tarulis-aye, Transier-aye, Plocher-aye,
Frieders-aye, Peterson-aye, Koch-aye, Milschewski-aye

651 Prairie Pointe Acquisition

**Ordinance 2020-47 Authorizing the Second Amendment to the Annual Budget for the
Fiscal Year Commencing on May 1, 2020
and Ending on April 30, 2021**

**Ordinance 2020-48 Approving a Contract for the Purchase and Sale of Real Estate
(651 Prairie Pointe Drive)
(CC 2020-83)**

Mayor Purcell entertained a motion to approve an Ordinance Authorizing the Second Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2020 and Ending on April 30, 2021 and to approve an Ordinance Approving a Contract for the Purchase and Sale of Real Estate (651 Prairie Pointe Drive). So moved by Alderman Tarulis; seconded by Alderman Transier.

Mayor Purcell explained that the plan is to buy the building and pay for it out of the general fund. The city would then finance the purchase through a bank or the sale of bonds which would allow for the building to be paid for over a period of twenty years. He said that the building will also require renovations which would be financed along with the building purchase. It is estimated that bond payments would be approximately \$350,000 per year for twenty years.

It was discussed that council members felt that the building is suited to be used for a city hall and police station. It was further discussed that the building is large enough that it will serve the citizens for many years at an affordable cost. A concern that was mentioned was that the cost of the renovations was unknown. With the proposed closing date in December, there will not be time to find out how much the renovations will cost prior to the purchase being completed.

Motion approved by a roll call vote. Ayes-7 Nays-1
Tarulis-aye, Transier-aye, Plocher-aye, Frieders-aye,
Peterson-aye, Koch-aye, Milschewski-aye, Funkhouser-nay

PUBLIC WORKS COMMITTEE REPORT

**Resolution 2020-72 Authorizing the Purchase of Two Vehicles from Bob Ridings Ford,
Taylorville, Illinois in the Amount Not to Exceed \$102,568.
(PW 2020-58)**

Alderman Plocher made a motion to approve a Resolution Authorizing the Purchase of Two Vehicles from Bob Ridings Ford, Taylorville, Illinois in the amount not to exceed \$102,568 and authorize the Mayor and City Clerk to execute; seconded by Alderman Frieders.

Motion approved by a roll call vote. Ayes-8 Nays-0
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye,
Koch-aye, Milschewski-aye, Funkhouser-aye, Tarulis-aye

**Gas-N-Wash Public Improvement Acceptance
(PW 2020-59)**

Alderman Plocher made a motion to accept the public improvements (sanitary sewer and sidewalk) as described in the Bill of Sale for ownership and maintenance by the City and authorize a reduction to the performance guarantee resulting in a performance guarantee in the amount of \$4,728.00 to cover the one-

year maintenance period, subject to verification that the developer has no outstanding debt owed to the City for this project and subject to receipt of a signed Bill of Sale; seconded by Alderman Milschewski.

Motion unanimously approved by a viva voce vote

Kendall Marketplace Single Family Residential Improvement Acceptance
(PW 2020-60)

Alderman Plocher made a motion to accept the public improvements (water main, sanitary sewer, storm sewer, paving, sidewalk, street lighting and parkway trees) as described in the Bill of Sale for ownership and maintenance by the City and authorize a reduction to the performance guarantee resulting in a performance guarantee in the amount of \$35,265.20 to cover the one-year maintenance period, subject to: verification that the developer has no outstanding debt owed to the City for this project; receipt of a signed Bill of Sale; and the developer posting a separate security at the expiration of the maintenance period for all incomplete sidewalks on vacant parcels which will remain in place until such time the sidewalks are installed; seconded by Alderman Milschewski.

Motion unanimously approved by a viva voce vote.

2021 Road to Better Roads Engineering Agreement
(PW 2020-61)

Alderman Plocher made a motion to approve the 2021 Road to Better Roads Program Professional Services Agreement for Design Engineering and authorize the Mayor and City Clerk to execute; seconded by Alderman Funkhouser.

Motion approved by a roll call vote. Ayes-8 Nays-0
Peterson-aye, Koch-aye, Milschewski-aye, Funkhouser-aye,
Tarulis-aye, Transier-aye, Plocher-aye, Frieders-aye

Fox Hill Roadway Improvements (Rebuild Illinois) Engineering Agreement
(PW 2020-62)

Alderman Plocher made a motion to approve the Fox Hill Roadway Improvements – Rebuild Illinois Professional Services Agreement for Design Engineering and authorize the Mayor and City Clerk to execute; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-8 Nays-0
Koch-aye, Milschewski-aye, Funkhouser-aye, Tarulis-aye,
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye

ECONOMIC DEVELOPMENT COMMITTEE REPORT

No report.

PUBLIC SAFETY COMMITTEE REPORT

No report.

ADMINISTRATION COMMITTEE REPORT

Tax Levy Estimate
(ADM 2020-56)

Alderman Funkhouser made a motion to approve a tax levy estimate for 2020, to be used for the purposes of conducting a public hearing on the tax levy in the amount of \$4,326,640; seconded by Alderman Transier.

Administrator Olson said that the motion that is on the table for the tax levy estimate includes new construction, plus a levy amount of \$30,000 additional. Per the discussion at the last meeting, staff came up with an amount above new construction. By including an amount over the new construction, the city can capture every new construction dollar and not leave anything on the table. Administrator Olson reiterated that all the tax levy estimate does is to set the ceiling on the amount the city is able to levy. In the past ten years, the highest amount that the city has left on the table regarding new construction dollars is approximately \$13,000.00. Staff felt that including an additional \$30,000.00 would allow the city to capture all the new construction once the city has the final dollar amount.

Motion approved by a roll call vote. Ayes-8 Nays-0
Milschewski-aye, Funkhouser-aye, Tarulis-aye, Transier-aye,
Plocher-aye, Frieders-aye, Peterson-aye, Koch-aye

**Annual Treasurer’s Report
(ADM 2020-61)**

Alderman Funkhouser made a motion to approve the annual Treasurer’s Report; seconded by Alderman Peterson.

Motion unanimously approved by a viva voce vote.

**City Liability Insurance and Workman’s
Comp Insurance Renewal
(ADM 2020-62)**

Alderman Funkhouser made a motion to authorize entering into a one year insurance agreement with the National Union of Pittsburgh PA (AIG) - (Glatfelter) for property/casualty insurance in an amount not to exceed \$192,389; to authorize entering into a one year insurance agreement with the Illinois Public Risk Fund for worker’s compensation insurance in an amount not to exceed \$184,125; and to authorize entering into a one year agreement with Alliant-Mesirow Insurance Services for brokerage services in an amount not to exceed \$19,000; seconded by Alderman Milschewski.

Motion approved by a roll call vote. Ayes-8 Nays-0
Tarulis-aye, Transier-aye, Plocher-aye, Frieders-aye,
Peterson-aye, Koch-aye, Milschewski-aye, Funkhouser-aye

PARK BOARD

No report.

PLANNING AND ZONING COMMISSION

No report.

CITY COUNCIL REPORT

**National Suicide Prevention + Action Month
Proclamation Project**

Alderman Frieders reported that he spoke last week at the Oswego Suicide Prevention Organization. He did a full presentation on the origin of the National Suicide Prevention + Action Month proclamation project, as well as the current and future status of the project.

CITY CLERK’S REPORT

No report.

COMMUNITY & LIAISON REPORT

No report.

STAFF REPORT

No report.

MAYOR’S REPORT (cont’d)

**FY 21 Budget Update
(CC 2020-81)**

Administrator Olson gave a brief presentation on the budget (*see attached*). He said that council has been given budget update memos at every council meeting during the past six months. He went over a timeline of events; i.e., revenues, cut lists, and COVID expenditures. He said that at the next meeting the council can review the goals that were set in October 2019 and can decide if they want to set new goals. He stated that the FY 21 budget was created from the goals that the council had set in October. The FY 21 budget was released at the beginning of March with the pandemic shutdown occurring in the middle of March. At that point, the city did not know what the revenue impacts of the shut down would be. At the end of April, staff created a list of budget cutbacks of approximately \$1.4 million dollars and everything has been monitored by staff since then. As staff monitored revenues each month, some items that were on the cut list were reinstated. Administrator Olson gave an overview of general fund revenues, including income and sales taxes.

It was asked what the city is going to do with the CURES funding that it is going to receive. Administrator Olson said that initially this money will go into the general fund as it is a reimbursement for money that the city has already spent.

PRESENTATION (cont’d)

**Water Study
Sustainable Water Supply Planning
(CC 2020-82)**

Jeffrey Freeman, from Engineering Enterprises, Inc., gave a presentation on sustainable water supply planning options for the city (*see attached*). He mentioned that while it could be a couple of decades before the city needs additional water sources, any change in long-term water sources will take approximately eight to ten years for the city to implement.

Options for water sources include Lake Michigan water via either the DuPage Water Commission or the City of Joliet or the Fox River. The city's existing wells will be used for a backup water supply. If Lake Michigan water is used, the city will need to store two days' worth of water. If the Fox River is used as a water source, then the city will most likely need to store one days' worth of water. Water quality was also discussed, and it was mentioned that all water sources will be similar to what the city currently has; however, there may be a difference in taste.

It also mentioned that a sustainable long-term water source will be very expensive. When it comes to the capital costs, if the Fox River is chosen, there would be some savings if the city were to form a partnership with Oswego and Montgomery to share some of the costs. It was asked how much residents could expect the cost of water to increase. Mr. Freeman said that while a full analysis has not been completed yet, it was thought that rates would increase 2-3 times over what residents are currently paying based on studies that Joliet has done.

ADDITIONAL BUSINESS

None.

CITIZEN COMMENTS

None.

EXECUTIVE SESSION

Mayor Purcell entertained a motion to go into executive session for the following:

- For litigation, when an action against, affecting, or on behalf of the particular public body has been filed and is pending before a court or administrative tribunal, or when the public body finds that an action is probable or imminent.

So moved by Alderman Transier; seconded by Alderman Peterson.

Motion approved by a roll call vote. Ayes-8 Nays-0
Koch-aye, Milschewski-aye, Funkhouser-aye, Tarulis-aye,
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye

Mayor Purcell announced that no action would be taken after executive session.

The City Council entered executive session at 10:04 p.m.

The City Council returned to regular session at 10:26 p.m.

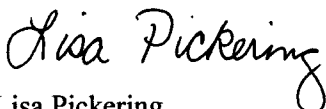
ADJOURNMENT

Mayor Purcell entertained a motion to adjourn the City Council meeting. So moved by Alderman Milschewski; seconded by Alderman Koch.

Motion unanimously approved by a viva voce vote.

Meeting adjourned at 10:26 p.m.

Minutes submitted by:



Lisa Pickering,
City Clerk, City of Yorkville, Illinois

UNITED CITY OF YORKVILLE

Proclamation

Whereas, America is the land of freedom, preserved and protected willingly and freely by citizen soldiers;

Whereas, millions who have answered the call to arms have died on the field of battle;

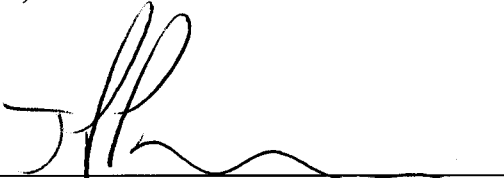
Whereas, a nation of peace must be reminded of the price of war and the debt owed to those who have died in war;

Whereas, the red poppy has been designated as a symbol of sacrifice of lives in all wars;

Whereas, the America Legion Post 489 and America Legion Auxiliary Unit 489 have pledged to remind America annually of this debt through the distribution of the memorial flower, so that November 4 - 11, 2020 may serve as "Poppy Awareness Days".

Therefore, I, John Purcell, Mayor of the United City of Yorkville, do hereby proclaim "Poppy Awareness Days" in the United City of Yorkville, and request all citizens to observe these days by wearing a Poppy and making contributions for this worthy cause.

Dated this 27th day of October, 2020, A.D.


John Purcell, Mayor



United City of Yorkville

Audit Overview – Fiscal Year 2020
City Council
October 27, 2020

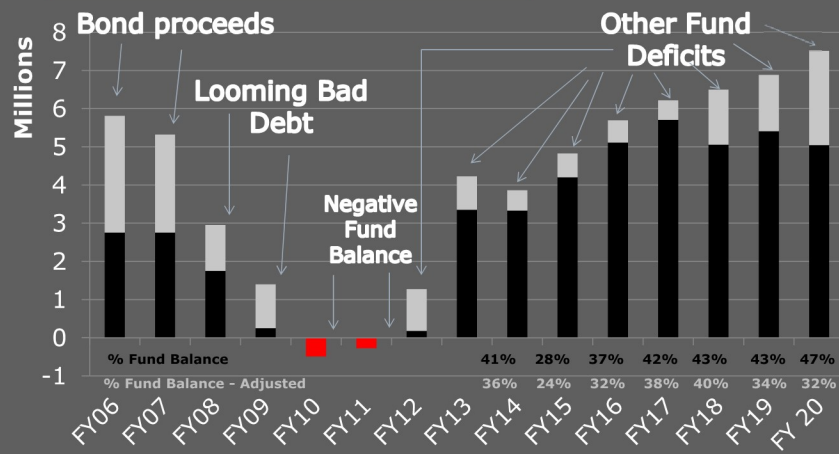
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Another award

9th time
Certificate of Achievement for
Excellence in Financial Reporting Award
by the Government Finance Officers Association
of the US and Canada in FY 19

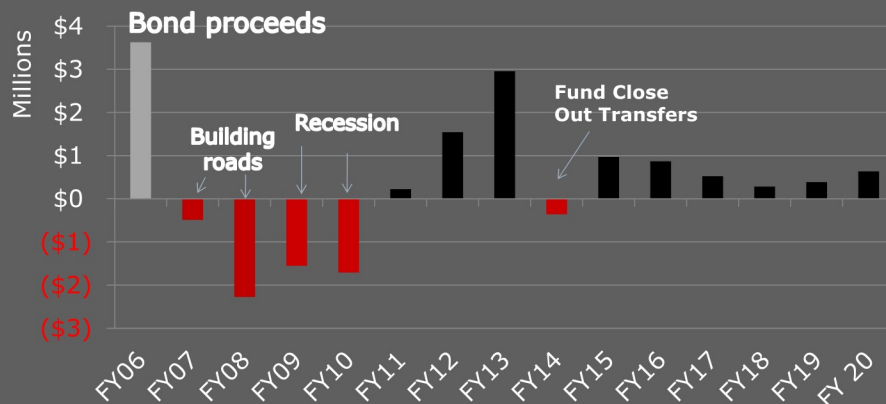
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General Fund Fund Balance History



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General Fund Budget Surplus(Deficit)



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Revenue performance

Page 100 of paper copy (page 116 of pdf copy)

Revenue Line-Item	Budgeted Amount	Actual Amount
Property Tax	\$3,225,250	\$3,231,926
Sales Tax (local)	\$3,151,800	\$3,222,256
Sales Tax (non-home rule)	\$2,432,700	\$2,413,689
Utility Tax	\$960,000	\$971,440
Income Tax	\$1,916,366	\$1,870,977
Use Tax	\$602,966	\$665,636
Hotel Tax	\$80,000	\$80,302
Video Gaming Tax	\$140,000	\$131,292
Excise (i.e. Telecom) Tax	\$321,965	\$271,550
Cable TV Franchise Tax	\$290,000	\$302,831

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Controlling costs

Pages 102 of paper copy (page 118 of pdf copy) - General Fund
 Page 110 (126 pdf) - Library / Pages 113-114 (129-130 pdf) - Parks & Rec
 Page 133 (155 pdf) for Sewer / Page 134 (156 pdf) for Water

Department	Budgeted Expenses	Actual Expenses
Administration	\$964,684	\$931,316
Finance	\$533,741	\$499,968
Police	\$5,935,224	\$5,813,774
Community Development	\$933,186	\$816,350
PW - Streets & Sanitation	\$2,320,194	\$2,216,434
Admin Services	\$3,516,220	\$3,161,179
Library Operations	\$897,132	\$834,724
Parks	\$1,151,262	\$1,092,527
Recreation	\$1,197,819	\$1,126,742
Sewer Operations	\$738,591	\$515,146
Water Operations	\$1,990,079	\$1,836,100

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General Fund Performance

	Budgeted	Actual	Variance
Revenues	16,422,058	16,605,706	183,648
Expenditures	(14,203,249)	(13,439,021)	(764,228)
Net Transfers	(2,533,220)	(2,534,448)	1,228
Surplus(Deficit)	(314,411)	632,237	946,648

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Items of Note

- ☐ Fund balance categories and amounts
 - Paper pages 69-70 (pdf pages 82-83)
 - Restricted amount of \$204k due to IMRF levy, will be zeroed out in ~1 year
- ☐ Pensions and OPEB(notes & add'l info)
 - Paper page 75-96 (pdf pages 88-110)

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Illinois Municipal Retirement Fund (IMRF) –pages 89/91-92 (pdf 103/105-106)

- ❑ Total Pension Liability
 - Increased by \$1.1M
 - From \$14.2M to \$15.3M
- ❑ Net Position
 - Increased by \$2.2M
 - From \$12.0M to \$14.2M
- ❑ Percent Funded
 - Dec 2017: 99.46%
 - Dec 2018: 84.59%
 - Dec 2019: 92.82%

Fiscal Year	Actuarial Determined Contribution	Actual Contribution	Excess (Deficit)	Covered Payroll	Contribution as % of Covered Payroll
2016	\$311,346	\$311,346	-	\$2,853,781	10.91%
2017	308,134	308,134	-	2,898,722	10.63%
2018	344,487	344,487	-	3,217,682	10.71%
2019	350,666	350,666	-	3,506,685	10.00%
2020	365,540	365,540	-	3,665,848	9.97%

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Police Pension Fund pages 90/93-94 (pdf 104/107-108)

- ❑ Total Pension Liability
 - Increased by \$1.4M
 - From \$22.1M to \$23.5M
- ❑ Net Position
 - Increased by \$0.5M
 - From \$10.4M to \$10.9M
- ❑ Percent Funded
 - Apr 2018: 45.55%
 - Apr 2019: 47.07%
 - Apr 2020: 46.17%

Fiscal Year	Actuarial Determined Contribution	Actual Contribution	Excess (Deficit)	Covered Payroll	Contribution as % of Covered Payroll
2015	\$571,437	\$624,168	\$52,731	\$2,220,146	28.11%
2016	722,940	722,940	-	2,294,948	31.50%
2017	825,413	825,413	-	2,320,642	35.57%
2018	966,211	966,211	-	2,543,266	37.99%
2019	963,361	963,361	-	2,449,210	39.33%
2020	1,111,484	1,111,484	-	2,631,165	42.24%

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Items of note

- ❑ Long term debt summary on paper pages 60-68 (pdf pages 73-81)
 - Debt service schedules on paper pages 138-150 (pdf pages 161-173)
 - ❑ Developer commitment narratives start on paper page 71 (pdf page 84)
-

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Other items of note

Statistical Section

- ❑ Pages 151 -184 (pdf pages 175-208)
 - ❑ Historical Trends covering:
 - City financial trends
 - Revenue & debt capacity
 - Demographic & economic information
 - Operating information
-

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Other items of note

Statistical Section

- ❑ Paper pages 178-179 (pdf pages 202-203)
employee counts
 - 83 full-time employees in 2020
 - 96 full-time employees in 2008
 - 73 full-time employees in 2005

 - ❑ Paper pages 180-184 (pdf pages 204-208)
miscellaneous service data
 - Traffic violations
 - Permits issued
 - Streets resurfaced, in miles
 - Street inventory
 - New housing starts per year
-

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Management Letter

Prior year - Recommendation #1

- ❑ Funds with deficit equity
 - Countryside & Downtown TIF's
 - ❑ Over time development in the TIF Districts should yield sufficient surpluses to eliminate negative equity position.

 - Sunflower Special Service Areas
 - ❑ Due to one-time expenditures and will be paid back with SSA property tax proceeds.
-

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Upcoming

- ☐ 2020 Tax Levy discussion
 - Tax levy estimate approval
 - ☐ September 16 Administration Committee
 - ☐ October 27 City Council meeting
 - Public Hearing
 - ☐ November 10 City Council meeting
 - Discussion and potential vote
 - ☐ November 24 or December 8
-

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Upcoming

- ☐ FY 22 Budget rollout
 - Oct-Nov 20 strategic planning discussions
 - Feb 21 budget finalized
 - Feb 21 City Council presentation
 - March 21 public hearing
 - Discussion and potential vote
 - ☐ March 23, 2021 City Council or
 - ☐ April 13, 2021 City Council or
 - ☐ April 27, 2021 City Council
-

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Financial review

United City of Yorkville
October 27, 2020 City Council meeting

1

Overview

- ◆ Timeline - Past
- ◆ Timeline - Current
- ◆ Timeline - Future
- ◆ Revenues
- ◆ Cut List
- ◆ COVID Expenditures and Programs
- ◆ Next presentation at City Council in November
 - ◆ City Council goals from October 2019
 - ◆ City Council goals for Fall 2020

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Timeline - Past

◆ Budget meetings and goal setting	October 2019
◆ Budget release date	March 5
◆ Pandemic shutdowns	March 15
◆ Lag of state revenue reporting	March consumer sales known in June
◆ Budget cut list created	April 23
◆ Finances monitored	March to October
◆ Some items taken off of cutlist	July

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Timeline - Current

- ◆ Review tonight
 - ◆ FY 20 CAFR Performance
 - ◆ Pandemic impacted revenues
 - ◆ Cut list
 - ◆ Pandemic expenses and grants

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Timeline - Future

- | | |
|--------------------------------|-----------------------------------|
| ◆ Review October 2019 goals | Nov 10 th City Council |
| ◆ Review FY 22 budget timeline | Nov 10 th City Council |
| ◆ Modify goal rankings | TBD |

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General Fund Revenues

[illegible]

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General Fund Revenues, sorted

Account Number	Description	FY 2020 Actual	FY 2021 Adopted
01-000-40-00-4030	MUNICIPAL SALES TAX	3,222,256	3,284,400
01-000-40-00-4035	NONHOME RULE SALES TAX	2,413,689	2,493,900
01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	2,123,744	2,107,099
01-000-41-00-4100	STATE INCOME TAX	1,870,977	1,897,310
01-000-44-00-4400	GARBAGE SURCHARGE	1,270,622	1,297,650
01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	1,108,182	1,230,604
01-000-40-00-4040	ELECTRIC UTILITY TAX	700,784	715,000
01-000-41-00-4105	LOCAL USE TAX	665,636	675,281
01-000-42-00-4210	BUILDING PERMITS	432,491	400,000
01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MKRT	345,185	365,160
01-000-40-00-4045	CABLE FRANCHISE FEES	302,831	300,000
01-000-40-00-4041	NATURAL GAS UTILITY TAX	270,656	265,000
01-000-40-00-4043	EXCISE TAX	263,210	246,075
01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	204,836	213,896
01-000-40-00-4060	AMUSEMENT TAX	196,786	205,000
01-000-44-00-4405	UB COLLECTION FEES	168,662	165,000
01-000-40-00-4065	ADMISSIONS TAX	146,143	145,000
01-000-40-00-4055	VIDEO GAMING TAX	131,292	140,000
01-000-41-00-4110	ROAD & BRIDGE TAX	131,199	130,000
01-000-45-00-4500	INVESTMENT EARNINGS	107,884	89,878
01-000-40-00-4050	HOTEL TAX	80,302	80,000
01-000-42-00-4200	LIQUOR LICENSES	48,671	65,000
01-000-43-00-4325	POLICE TOWS	15,500	45,000
01-000-43-00-4310	CIRCUIT COURT FINES	34,975	40,000
01-000-46-00-4605	REIMB - CABLE CONSORTIUM	11,647	36,000
01-000-49-00-4916	TRANSFERS FROM CW MUNICIPAL BUILDING	32,092	35,000
01-000-40-00-4071	BUSINESS DISTRICT TAX - DOWNTOWN	33,641	30,000
01-000-43-00-4320	ADMINISTRATIVE ADJUDICATION	23,142	27,500
01-000-44-00-4407	LATE PENALTIES - GARBAGE	20,958	25,000
01-000-46-00-4604	REIMB - ENGINEERING EXPENSES	13,568	25,000
01-000-41-00-4168	STATE GRANTS - TRAFFIC SIGNAL MAINTENANCE	18,553	20,000
01-000-41-00-4120	PERSONAL PROPERTY TAX	17,683	16,500
01-000-40-00-4075	AUTO RENTAL TAX	16,881	15,250
01-000-41-00-4106	CANNABIS EXCISE TAX	4,009	15,218
01-000-46-00-4600	REIMB - LIABILITY INSURANCE	10,112	15,000
01-000-41-00-4160	FEDERAL GRANTS	20,334	14,925
01-000-48-00-4850	MISCELLANEOUS INCOME	18,525	13,000
01-000-46-00-4600	REIMB - MISCELLANEOUS	41,596	12,000
01-000-40-00-4072	BUSINESS DISTRICT TAX - COUNTRYSIDE	14,516	10,000
01-000-42-00-4205	OTHER LICENSES & PERMITS	9,797	9,500
01-000-40-00-4044	TELEPHONE UTILITY TAX	8,340	8,340
01-000-48-00-4820	RENTAL INCOME	6,370	7,000
01-000-41-00-4182	MISC INTERGOVERNMENTAL	1,861	1,000
01-000-43-00-4323	OFFENDER REGISTRATION FEES	255	500
01-000-44-00-4474	POLICE SPECIAL DETAIL	5,615	500
01-000-41-00-4170	STATE GRANTS	11,639	-
01-000-45-00-4550	GAIN ON INVESTMENT	39,952	-
Revenues		16,637,799	16,933,486

7

General Fund Revenues, sorted, top 20

Account Number	Description	FY 2020 Actual	FY 2021 Adopted
1 01-000-40-00-4030	MUNICIPAL SALES TAX	3,222,256	3,284,400
2 01-000-40-00-4035	NON-HOME RULE SALES TAX	2,413,689	2,493,900
3 01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	2,123,744	2,107,099
4 01-000-41-00-4100	STATE INCOME TAX	1,870,977	1,897,310
5 01-000-44-00-4400	GARBAGE SURCHARGE	1,270,622	1,297,650
6 01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	1,108,182	1,230,604
7 01-000-40-00-4040	ELECTRIC UTILITY TAX	700,784	715,000
8 01-000-41-00-4105	LOCAL USE TAX	665,636	675,281
9 01-000-42-00-4210	BUILDING PERMITS	432,491	400,000
10 01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MKRT	345,185	365,160
11 01-000-40-00-4045	CABLE FRANCHISE FEES	302,831	300,000
12 01-000-40-00-4041	NATURAL GAS UTILITY TAX	270,656	265,000
13 01-000-40-00-4043	EXCISE TAX	263,210	246,075
14 01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	204,836	213,896
15 01-000-40-00-4060	AMUSEMENT TAX	196,786	205,000
16 01-000-44-00-4405	UB COLLECTION FEES	168,662	165,000
17 01-000-40-00-4065	ADMISSIONS TAX	146,143	145,000
18 01-000-40-00-4055	VIDEO GAMING TAX	131,292	140,000
19 01-000-41-00-4110	ROAD & BRIDGE TAX	131,199	130,000
20 01-000-45-00-4500	INVESTMENT EARNINGS	107,884	89,878

8

General Fund Revenues, sorted, top 20

Account Number	Description	FY 2020 Actual	FY 2021 Adopted
1 01-000-40-00-4030	MUNICIPAL SALES TAX	3,222,256	3,284,400
2 01-000-40-00-4035	NON-HOME RULE SALES TAX	2,413,689	2,493,900
3 01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	2,123,744	2,107,099
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5 01-000-44-00-4400	GARBAGE SURCHARGE	1,270,622	1,297,650
6 01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	1,108,182	1,230,604
7 01-000-40-00-4040	ELECTRIC UTILITY TAX	700,784	715,000
8 01-000-41-00-4105	LOCAL USE TAX	665,636	675,281
9 01-000-42-00-4210	BUILDING PERMITS	432,491	400,000
10 01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MRKT	345,185	365,160
11 01-000-40-00-4045	CABLE FRANCHISE FEES	302,831	300,000
12 01-000-40-00-4041	NATURAL GAS UTILITY TAX	270,656	265,000
13 01-000-40-00-4043	EXCISE TAX	263,210	246,075
14 01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	204,836	213,896
15 01-000-40-00-4060	AMUSEMENT TAX	196,786	205,000
16 01-000-44-00-4405	UB COLLECTION FEES	168,662	165,000
17 01-000-40-00-4065	ADMISSIONS TAX	146,143	145,000
18 01-000-40-00-4055	VIDEO GAMING TAX	131,292	140,000
19 01-000-41-00-4110	ROAD & BRIDGE TAX	131,199	130,000
20 01-000-45-00-4500	INVESTMENT EARNINGS	107,884	89,878

9

General Fund Revenues, sorted, top 20

Account Number	Description	FY 2020 Actual	FY 2021 Adopted
1 01-000-40-00-4030	MUNICIPAL SALES TAX	3,222,256	3,284,400
2 01-000-40-00-4035	NON-HOME RULE SALES TAX	2,413,689	2,493,900
3 01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	2,123,744	2,107,099
4 01-000-41-00-4100	STATE INCOME TAX	1,870,977	1,897,310
5 01-000-44-00-4400	GARBAGE SURCHARGE	1,270,622	1,297,650
6 01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	1,108,182	1,230,604
7 01-000-40-00-4040	ELECTRIC UTILITY TAX	700,784	715,000
8 01-000-41-00-4105	LOCAL USE TAX	665,636	675,281
9 01-000-42-00-4210	BUILDING PERMITS	432,491	400,000
10 01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MRKT	345,185	365,160
11 01-000-40-00-4045	CABLE FRANCHISE FEES	302,831	300,000
12 01-000-40-00-4041	NATURAL GAS UTILITY TAX	270,656	265,000
13 01-000-40-00-4043	EXCISE TAX	263,210	246,075
14 01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	204,836	213,896
15 01-000-40-00-4060	AMUSEMENT TAX	196,786	205,000
16 01-000-44-00-4405	UB COLLECTION FEES	168,662	165,000
17 01-000-40-00-4065	ADMISSIONS TAX	146,143	145,000
18 01-000-40-00-4055	VIDEO GAMING TAX	131,292	140,000
19 01-000-41-00-4110	ROAD & BRIDGE TAX	131,199	130,000
20 01-000-45-00-4500	INVESTMENT EARNINGS	107,884	89,878

10

General Fund Revenues, sorted, top 20

Account Number	Description	FY 2020 Actual	FY 2021 Adopted
1 01-000-40-00-4030	MUNICIPAL SALES TAX	3,222,256	3,284,400
2 01-000-40-00-4035	NON-HOME RULE SALES TAX	2,413,689	2,493,900
3 01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	2,123,744	2,107,099
4 01-000-41-00-4100	STATE INCOME TAX	1,870,977	1,897,310
5 01-000-44-00-4400	GARBAGE SURCHARGE	1,270,622	1,297,650
6 01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	1,108,182	1,230,604
7 01-000-40-00-4040	ELECTRIC UTILITY TAX	700,784	715,000
8 01-000-41-00-4105	LOCAL USE TAX	665,636	675,281
9 01-000-42-00-4210	BUILDING PERMITS	432,491	400,000
10 01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MRKT	345,185	365,160
11 01-000-40-00-4045	CABLE FRANCHISE FEES	302,831	300,000
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14 01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	204,836	213,896
15 01-000-40-00-4060	AMUSEMENT TAX	196,786	205,000
16 01-000-44-00-4405	UB COLLECTION FEES	168,662	165,000
17 01-000-40-00-4065	ADMISSIONS TAX	146,143	145,000
18 01-000-40-00-4055	VIDEO GAMING TAX	131,292	140,000
19 01-000-41-00-4110	ROAD & BRIDGE TAX	131,199	130,000
20 01-000-45-00-4500	INVESTMENT EARNINGS	107,884	89,878

11

Highest Concern

Municipal Sales Taxes

Fiscal Year	Amount	% Change
2010	2,446,099	-2.2%
2011	2,569,233	5.0%
2012	2,552,483	-0.7%
2013	2,490,503	-2.4%
2014	2,586,460	3.9%
2015	2,704,651	4.6%
2016	2,778,116	2.7%
2017	2,940,976	5.9%
2018	3,002,133	2.1%
2019	3,070,663	2.3%
2020	3,222,256	4.9%
2021 Adpt	3,284,400	1.9%

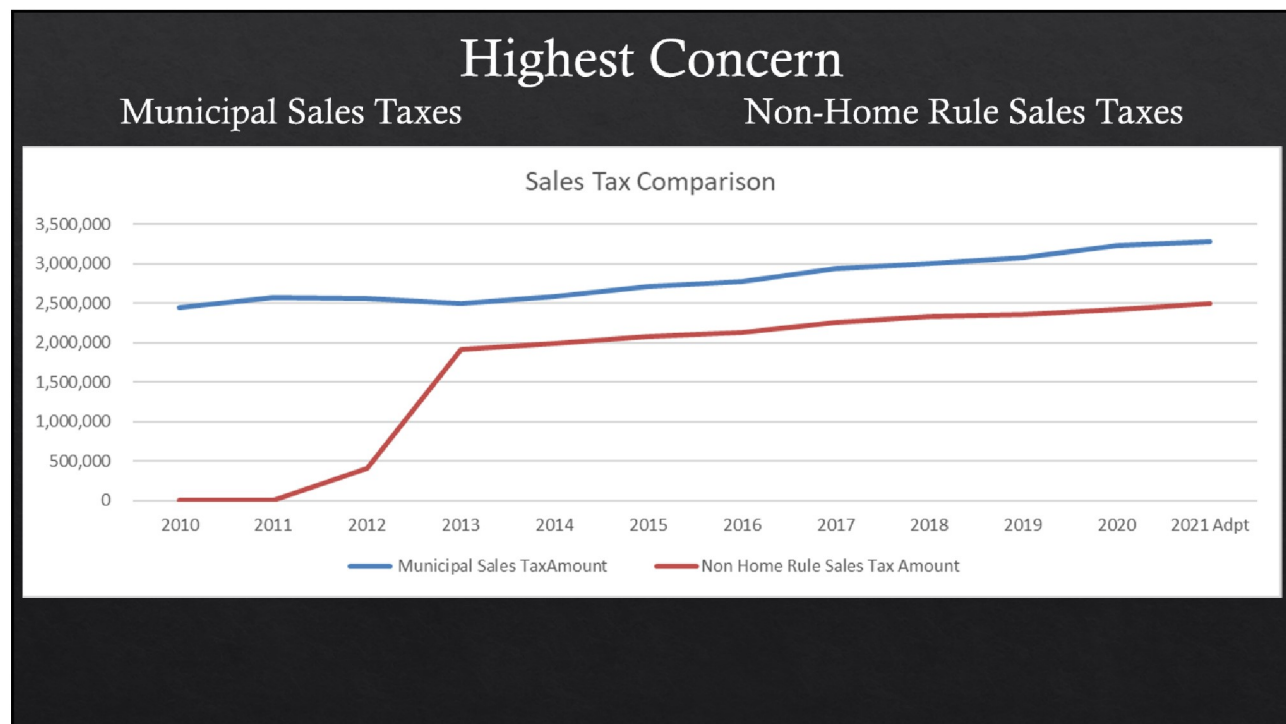
Non Home Rule
as % of Municipal
Sales Tax

77%
77%
77%
77%
77%
77%
77%
75%
76%

Non-Home Rule Sales Taxes

Fiscal Year	Amount	% Change
2010	0	-
2011	0	-
2012	410,327	-
2013	1,919,423	367.8%
2014	1,986,566	3.5%
2015	2,078,061	4.6%
2016	2,126,851	2.3%
2017	2,259,787	6.3%
2018	2,325,623	2.9%
2019	2,358,568	1.4%
2020	2,413,689	2.3%
2021 Adpt	2,493,900	3.3%

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Highest Concern

Municipal Sales Taxes
Non-Home Rule Sales Taxes

	FY 20 Budget	FY 20 Actual	FY 21 Budget
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900

14

Highest Concern

Municipal Sales Taxes

Non-Home Rule Sales Taxes

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, April 23</u>
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400	2,684,400
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900	2,093,900

15

Highest Concern

Municipal Sales Taxes

Non-Home Rule Sales Taxes

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, April 23</u>	<u>FY 21 Projection, June 10</u>
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400	2,684,400	3,284,400
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900	2,093,900	2,493,900

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Highest Concern

Municipal Sales Taxes

Non-Home Rule Sales Taxes

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, April 2</u>	<u>FY 21 Projection, June 1</u>	<u>FY 21 Projection, August 6</u>
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400	2,684,400	3,284,400	3,284,400
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900	2,093,900	2,493,900	2,244,510

17

Highest Concern

Municipal Sales Taxes

Non-Home Rule Sales Taxes

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, April 2</u>	<u>FY 21 Projection, June 1</u>	<u>FY 21 Projection, August 6</u>	<u>FY 21 Projection, October 8</u>
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400	2,684,400	3,284,400	3,284,400	3,300,000
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900	2,093,900	2,493,900	2,244,510	2,400,000

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Highest Concern

Municipal Sales Taxes

Non-Home Rule Sales Taxes

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, October 8</u>
Municipal Sales Taxes	3,151,800	3,222,256	3,284,400	3,300,000
Non Home Rule Sales Taxes	2,432,700	2,413,689	2,493,900	2,400,000

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Higher Concern

State Income Tax

Fiscal Year	Amount	% Change
2010	1,277,889	27.2%
2011	1,315,321	2.9%
2012	1,444,426	9.8%
2013	1,587,324	9.9%
2014	1,613,102	1.6%
2015	1,735,422	7.6%
2016	1,715,155	-1.2%
2017	1,602,410	-6.6%
2018	1,640,291	2.4%
2019	1,966,699	19.9%
2020	1,870,977	-4.9%
2021 Adpt	1,897,310	1.4%

Local Use Tax

Fiscal Year	Amount	% Change
2010	201,681	22.2%
2011	240,047	19.0%
2012	246,963	2.9%
2013	268,285	8.6%
2014	296,298	10.4%
2015	341,880	15.4%
2016	390,605	14.3%
2017	417,212	6.8%
2018	474,797	13.8%
2019	578,328	21.8%
2020	665,636	15.1%
2021 Adpt	675,821	1.5%

20

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>
State Income Tax	1,916,366	1,870,977	1,897,310
Local Use Tax	602,966	665,636	675,281

21

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, April 23</u>
State Income Tax	1,916,366	1,870,977	1,897,310	1,612,714
Local Use Tax	602,966	665,636	675,281	588,281

22

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, June 10</u>	<u>FY 21 Projection, June 10</u>
State Income Tax	1,916,366	1,870,977	1,897,310	1,612,714	1,870,977
Local Use Tax	602,966	665,636	675,281	588,281	665,636

23

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, June 10</u>	<u>FY 21 Projection, June 10</u>	<u>FY 21 Projection, October guess</u>
State Income Tax	1,916,366	1,870,977	1,897,310	1,612,714	1,870,977	1,764,156
Local Use Tax	602,966	665,636	675,281	588,281	665,636	713,325

24

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, June 3</u>	<u>FY 21 Projection, June 10</u>	<u>FY 21 Projection, October 1</u>
State Income Tax	1,916,366	1,870,977	1,897,310	1,612,714	1,870,977	1,870,977
Local Use Tax	602,966	665,636	675,281	588,281	675,281	713,325

25

Higher Concern

State Income Tax

Local Use Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, Modified</u>
State Income Tax	1,916,366	1,870,977	1,897,310	1,870,977
Local Use Tax	602,966	665,636	675,281	713,325

26

High Concern

Building Permits

Fiscal Year	Amount	% Change
2010	190,579	-40.8%
2011	126,829	-33.5%
2012	153,393	20.9%
2013	137,260	-10.5%
2014	116,182	-15.4%
2015	123,702	6.5%
2016	163,107	31.9%
2017	291,580	78.8%
2018	438,320	50.3%
2019	477,701	9.0%
2020	435,021	-8.9%
2021 Adpt	400,000	-8.1%

Investment Earnings

Fiscal Year	Amount	% Change
2010	2,403	
2011	1,747	-27.3%
2012	5,102	192.1%
2013	7,287	42.8%
2014	8,792	20.7%
2015	8,909	1.3%
2016	6,395	-28.2%
2017	21,197	231.5%
2018	49,018	131.2%
2019	90,321	84.3%
2020	147,835	63.7%
2021 Adpt	89,878	-39.2%

High Concern

Amusement Tax

Fiscal Year	Amount	% Change
2010	0	
2011	319	
2012	127,737	19916.7%
2013	140,886	10.3%
2014	144,118	2.3%
2015	172,461	19.7%
2016	201,216	16.7%
2017	200,284	-0.5%
2018	192,924	-3.7%
2019	208,315	7.9%
2020	196,786	-5.5%
2021 Adpt	205,000	4.2%

Video Gaming Tax

Fiscal Year	Amount	% Change
2010	0	
2011	0	
2012	0	
2013	2,500	
2014	26,047	1002.4%
2015	50,855	95.2%
2016	74,734	47.0%
2017	100,457	34.4%
2018	119,733	19.2%
2019	145,754	21.7%
2020	131,292	-9.9%
2021 Adpt	140,000	6.6%

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High Concern

Building Permits, Investment Earnings, Amusement Tax, Video Gaming Tax

	<u>FY 20 Budget</u>	<u>FY 20 Actual</u>	<u>FY 21 Budget</u>	<u>FY 21 Projection, October guess</u>
Building Permits	350,000	432,491	400,000	450,000
Investment Earnings	80,000	107,884	89,878	15,000
Amusement Tax	205,000	196,786	205,000	80,000
Video Gaming Tax	140,000	131,292	140,000	93,800

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Regional Sales Tax Performance

	April consumer sales		
	May state receipts		
	Known in July		
	2019	2020	Year-over-year
Aurora Home Rule	1,622,955	\$ 967,268	-40.4%
Aurora Municipal	1,924,553	\$ 1,292,698	-32.8%
Chicago HMR	21,729,700	\$ 10,978,288	-49.5%
Chicago Muni	24,525,211	\$ 15,630,640	-36.3%
Naperville HMR	1,146,143	\$ 658,405	-42.6%
Naperville Muni	2,895,087	\$ 1,793,477	-38.1%
North Aurora Muni	377,896	\$ 367,341	-2.8%
North Aurora NHMR	78,773	\$ 62,516	-20.6%
Oswego Home Rule	429,302	\$ 328,084	-23.6%
Oswego Municipal	527,780	\$ 466,457	-11.6%
Plano	154,632	\$ 134,787	-12.8%
Sugar Grove Muni	84,320	\$ 86,397	2.5%
Sugar Grove NHMR	56,148	\$ 47,428	-15.5%
Yorkville Municipal	\$ 259,358	\$ 257,366	-0.8%
Yorkville NHMR	\$ 194,412	\$ 168,881	-13.1%

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Cut List

- ◆ Originally proposed late April 2020
- ◆ Millions of dollars in cuts of varying amounts and difficulty to implement
- ◆ Worst case revenue loss estimated at that point was \$1.4m, so initial implementation cut list was pegged at that \$1.4m

30

Cut List

- ◆ \$1.4m initial cut list
 - ◆ Delay a PW new hire, delay a FY 22 PD new hire, hiring freeze, reduce the sidewalk program, reduce the striping program, space needs analyses for PW and PD buildings, e-ticketing software, office chairs, reduce number of new police vehicles, ERP, cable consortium, staff raises, delay Greenbriar Rd paving, staff training, Parks mowers, sewer crawler camera, hot water unit for vacor truck, PW mowers, Elizabeth St watermain, PW and Parks part-time hour reductions, UDO

31

Cut List

- ◆ \$1.4m initial cut list
 - ◆ Reinstated since April:
 - ◆ Hiring freeze waived for Police Records Clerk position
 - ◆ E-ticketing software proposal will be on November PS agenda
 - ◆ Staff raises were negotiated at 2% COLA with all unions
 - ◆ Greenbriar Road tentatively planned for Summer 2021
 - ◆ One large, new Parks mower purchased
 - ◆ One medium, new PW mower purchased

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Cut List

- ◆ \$1.4m initial cut list
 - ◆ Based on financial review, 651 Prairie Pointe building purchase, and priorities of the City Council, proposals for various other items on the cut list will be discussed at future meetings

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CURES Act Funding

- ◆ Local CURE Support Program from Illinois via the Federal CARES Act, allocated funding for municipalities in Kendall County, to offset pandemic related costs
 - ◆ Yorkville's allocation is \$784,715 in funding
 - ◆ City expects to receive full funding via check THIS WEEK to offset bulk police payroll during the pandemic

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COVID Expenditures

- ◆ Cleaning supplies, increased frequency of office cleaning, PPE, physical improvements to implement social distancing, hand sanitizer and stations, first aid kits, thermometers, etc.
 - ◆ Upwards of \$40,000 spent since March
- ◆ Plans for other major improvements, in various stages
 - ◆ Touchless plumbing fixtures and soap dispensers
 - ◆ In-room air purifiers
 - ◆ UV systems for HVAC, vehicles, classrooms
 - ◆ Crowd control and dining barriers

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COVID Expenditures

- ◆ Items on prior page might be eligible for reimbursement through FEMA
- ◆ Debate and planning over reimbursement of the same items via CURES funding is moot, due to bulk police payroll costs

36

COVID Expenditures

- ◆ Items on prior page might be eligible for reimbursement through FEMA
- ◆ Debate and planning over reimbursement of the same items via CURES funding is moot, due to bulk police payroll costs

37

Next discussions

- | | |
|--------------------------------|-----------------------------------|
| ◆ Review October 2019 goals | Nov 10 th City Council |
| ◆ Review FY 22 budget timeline | Nov 10 th City Council |
| ◆ Modify goal rankings | TBD |

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Sustainable Water Supply Planning Overview

United City of Yorkville, Kendall Co., IL

Presented By:

Jeffrey W. Freeman, P.E., CFM, LEED AP

Bradley P. Sanderson, P.E.

Engineering Enterprises, Inc.

CITY COUNCIL MEETING

October 27, 2020



Presentation Overview



Existing Water Works System Overview



Northeastern IL Water Sources



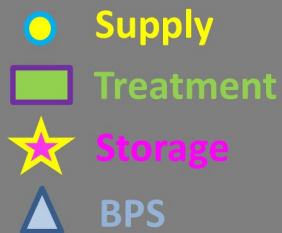
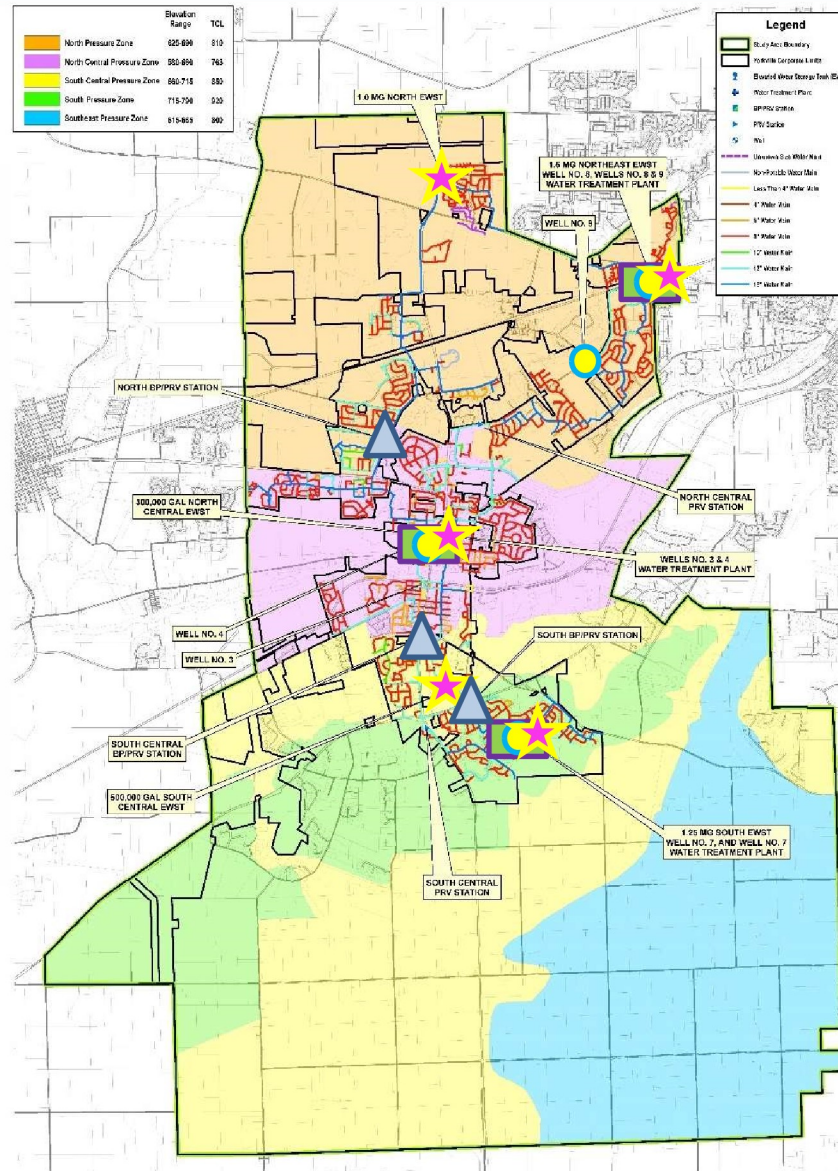
United City of Yorkville Water Supply Options



Potential Next Steps



Questions & Answers

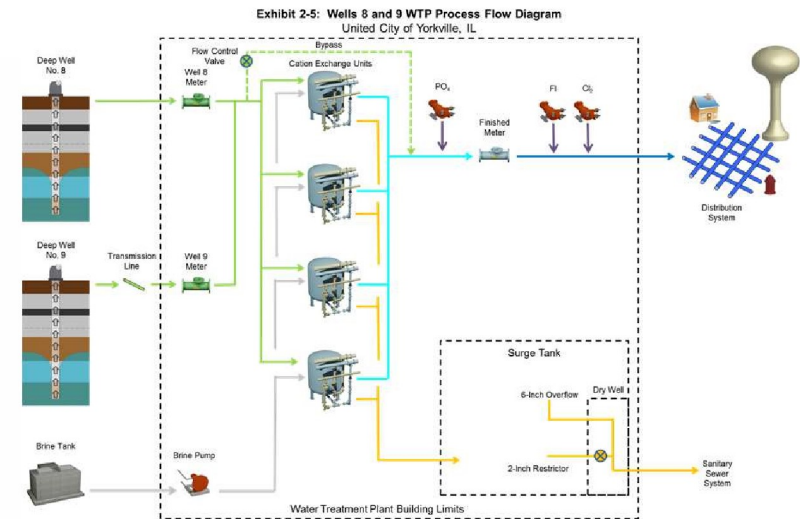




Existing Water Works System



- **Supply:** Four (4) Active Deep Sandstone Water Wells [Nos. 4, 7, 8 & 9]
 - ➔ Three (3) Ironton Galesville & Two (2) St. Peter (Ansell) & Ironton Galesville
 - ➔ Flowrate: 600 – 1,200 gpm
 - ➔ Exceed Radium Standard
- **Treatment:** Three (3) WTPs
 - ➔ All Plants Institute Cation Exchange Treatment





Existing Water Works System



💧 Storage:

- ➔ Five (5) Elevated Water Storage Tanks (EWST) [300,000 gallon – 1,500,000 gallon]



💧 Distribution:

- ➔ 4" – 16" Water Main
- ➔ Four (4) Pressure Zones
- ➔ Three (3) Distribution System Booster Pump Stations
- ➔ Two (2) Pressure Reducing Valve Vaults



💧 Controls: SCADA System

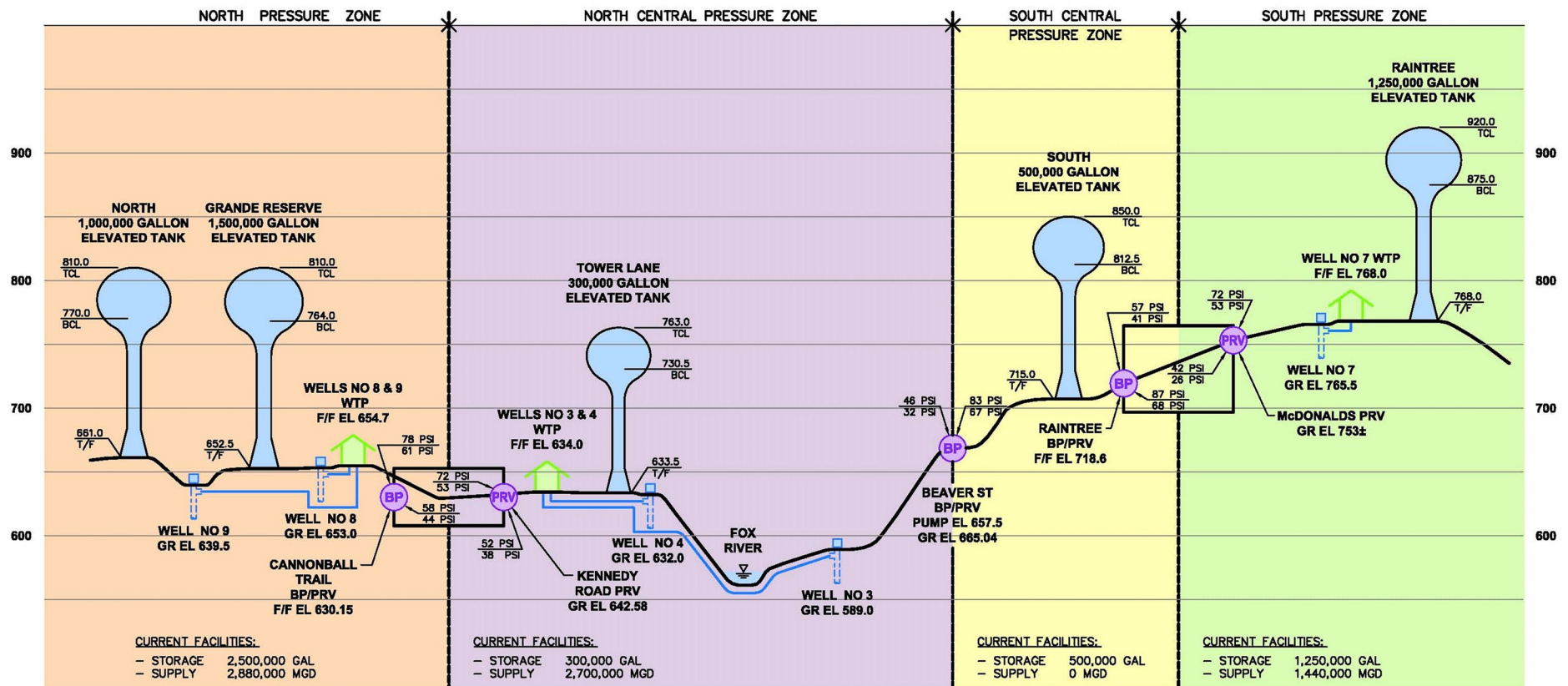




Existing Water Works System

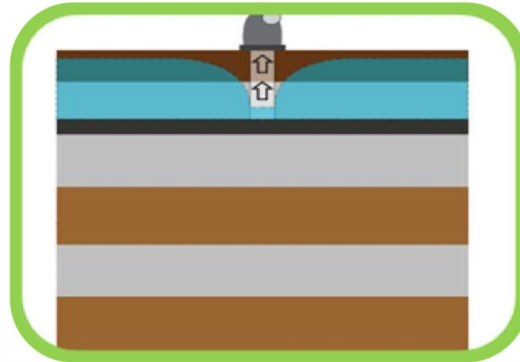


EXHIBIT 2-2: EXISTING WATER WORKS SYSTEM HYDRAULIC PROFILE UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS

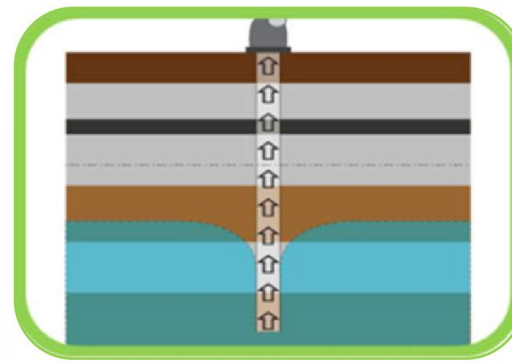




Northeastern IL Water Sources



Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



Lake Michigan



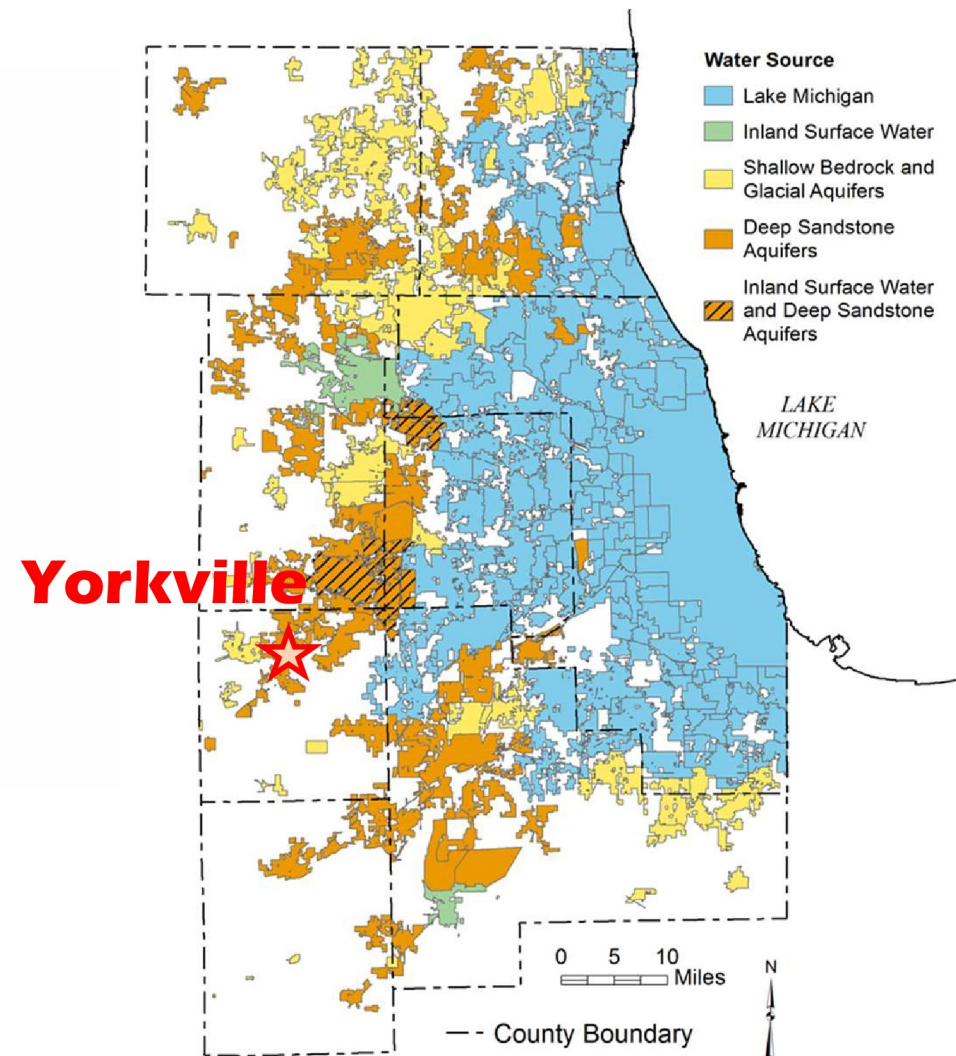
Fox River



Northeastern IL Water Sources



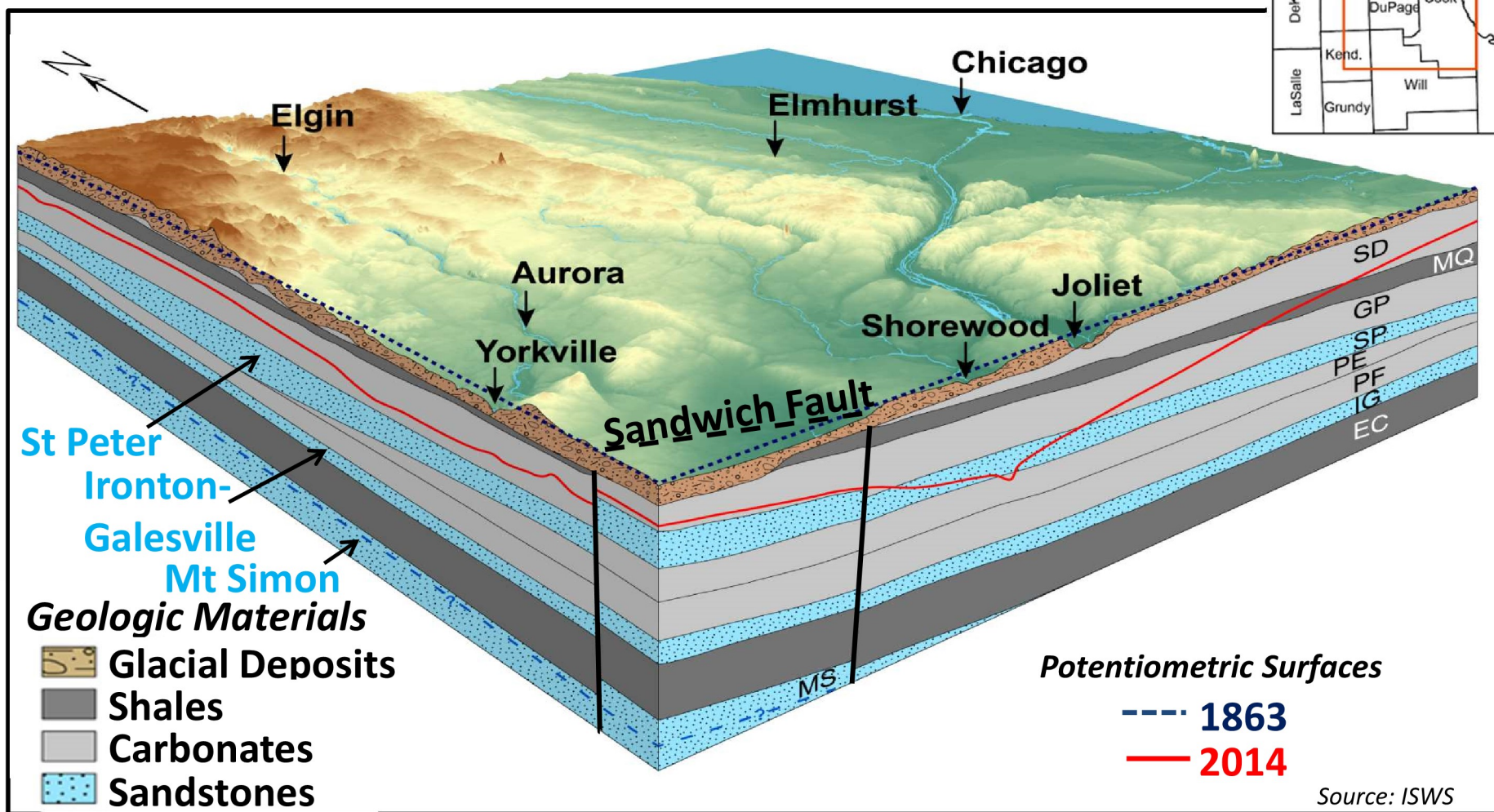
- 💧 2015 Sources of Water in Chicago Region
 - ➔ Most Outer Suburbs Rely on Groundwater
 - ➔ About 90 MGD Being Withdrawn From the Deep Sandstone Aquifers, Which Is At Least 2X the Amount ISWS Estimates Is Sustainable
 - ➔ Communities Switching to LM Water In Last Five Years: Bartlett, Wauconda, Volo, Lake Villa, Lindenhurst, Fox Lake Hills (unincorporated), Grandwood Park (unincorporated)



Source: ISWS

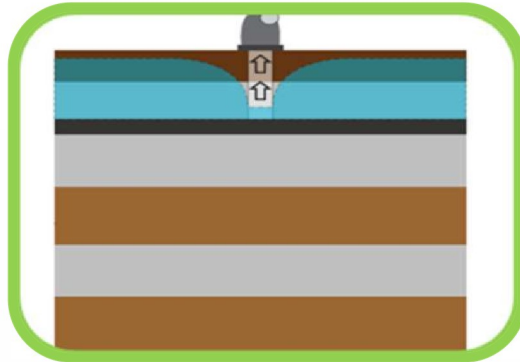


Northeastern IL Water Sources

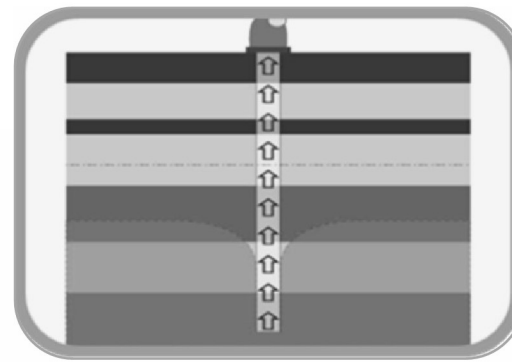




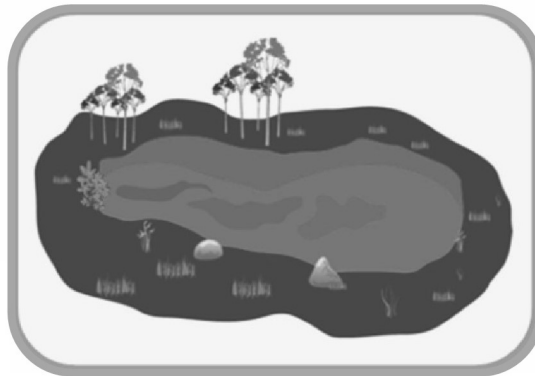
Northeastern IL Water Sources



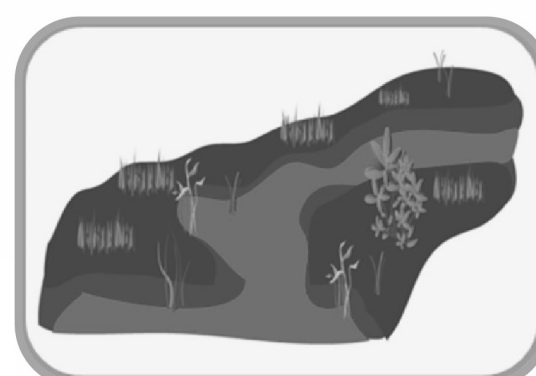
Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



Lake Michigan



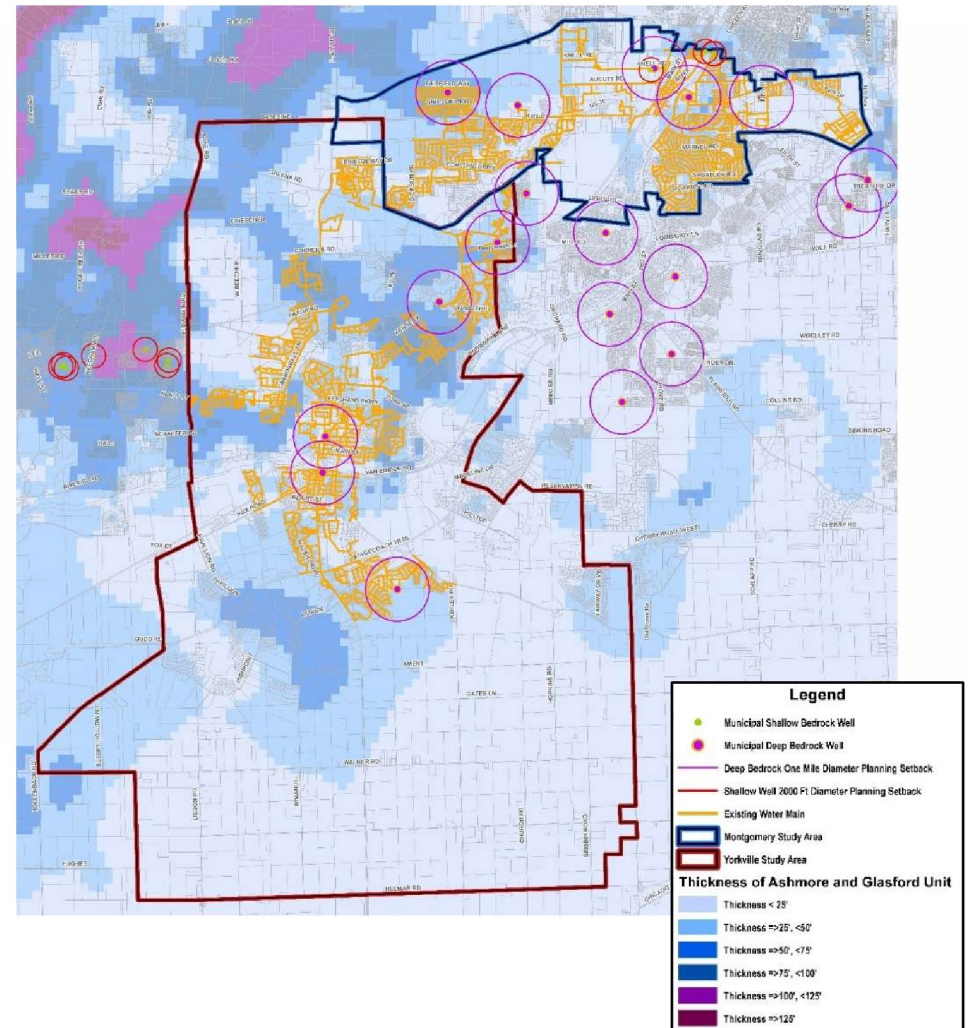
Fox River



Northeastern IL Water Sources

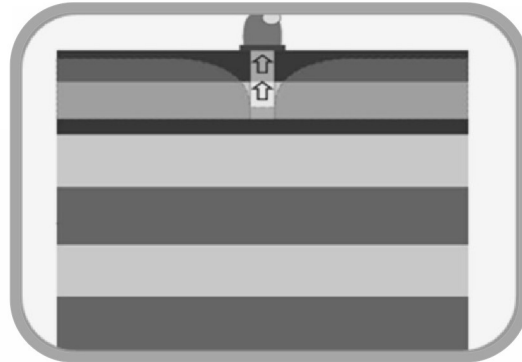


- Major Kane County Bedrock Valleys
 - ➔ St. Charles
 - ➔ Elburn
 - ➔ Aurora
- Insufficient Sand & Gravel Deposits Within Yorkville Planning Area

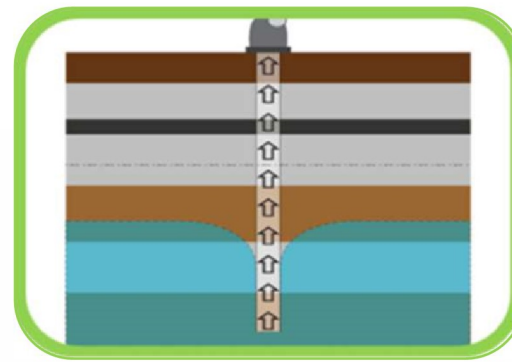




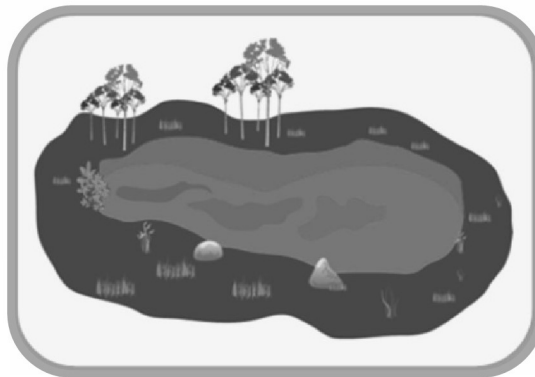
Northeastern IL Water Sources



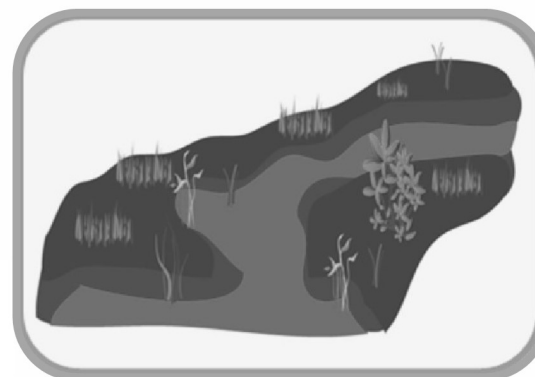
Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



Lake Michigan



Fox River




Northeastern IL Water Sources




Figure 20. The Cambrian-Ordovician aquifer system, which consists of predominantly sandstone aquifers separated by poorly permeable confining units, extends over a large part of the north-central United States.

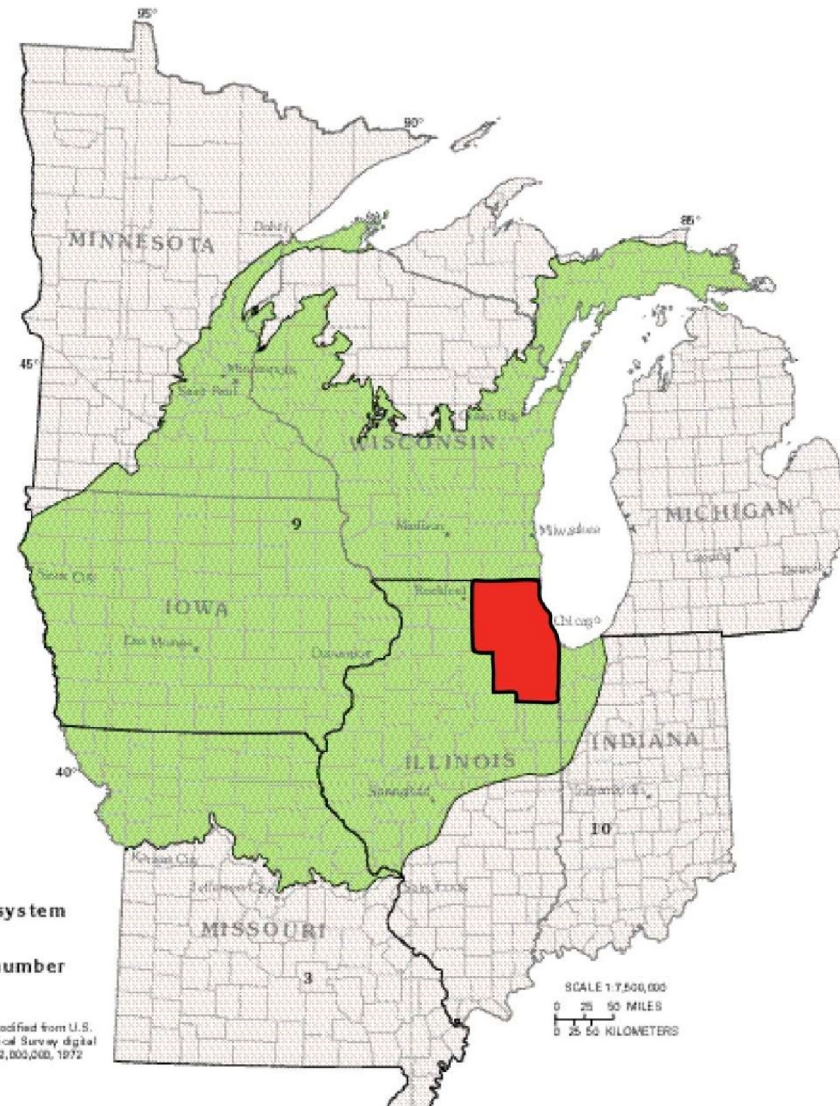
Modified from Young, H.L., 1992b, Hydrogeology of the Cambrian-Ordovician aquifer system in the northern midwest, United States, with a section on Ground-water quality by D.L. Siegel: U.S. Geological Survey Professional Paper 1405-B, 99 p.

EXPLANATION

 Cambrian-Ordovician aquifer system

 9 Atlas segment boundary and number

Base modified from U.S. Geological Survey digital data, 1:2,000,000, 1972



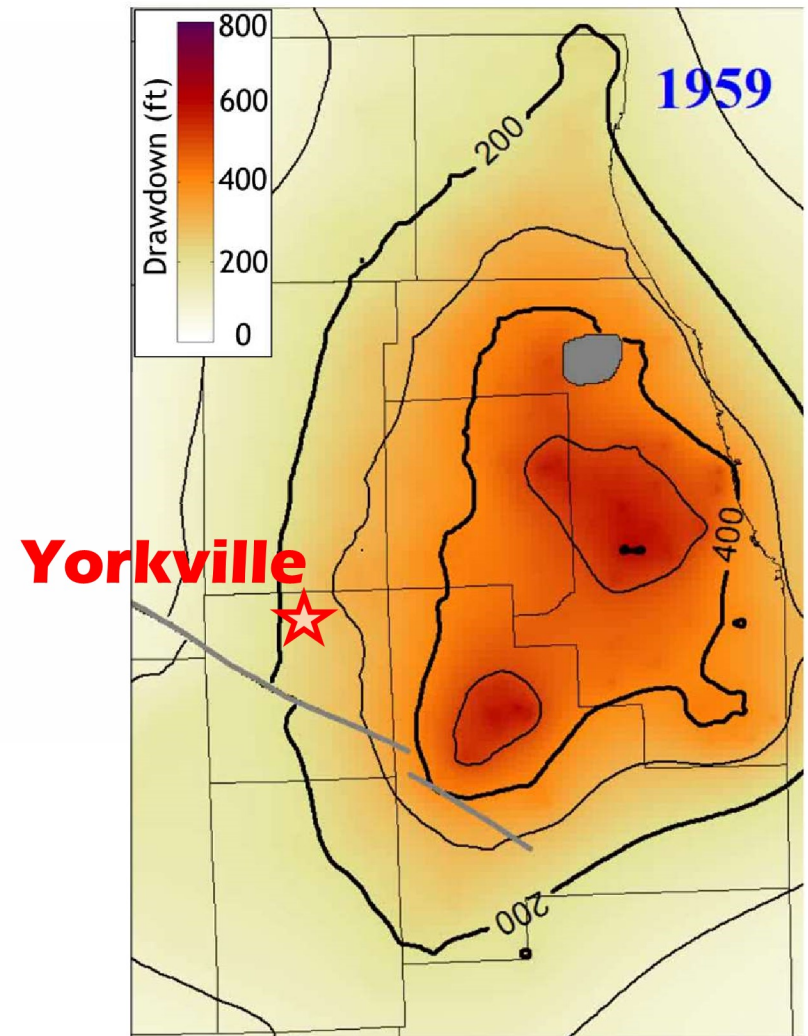


Northeastern IL Water Sources



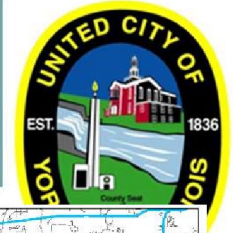
● Historical Deep Sandstone Withdrawals In NE IL

- ➔ Sandstone Aquifers Tapped For Almost 150 Years
- ➔ Major Cone of Depression Centered Around Elmhurst By 1970s
- ➔ Cook & DuPage Municipalities Convert To Lake Michigan Water In 1980s & 1990s
- ➔ Partial Recovery Of Sandstone Aquifers Into Early 2000s
- ➔ Continued Pumping In Southern/Western Suburbs Causing Expansion of Cone of Depression





Northeastern IL Water Sources



Risk Zones

 Risk of declining well performance

 Risk of well inoperability

 Interstates

 Municipal Boundaries

 Major Rivers

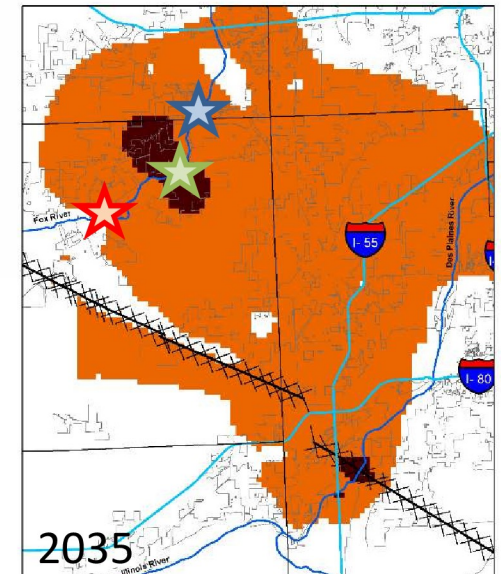
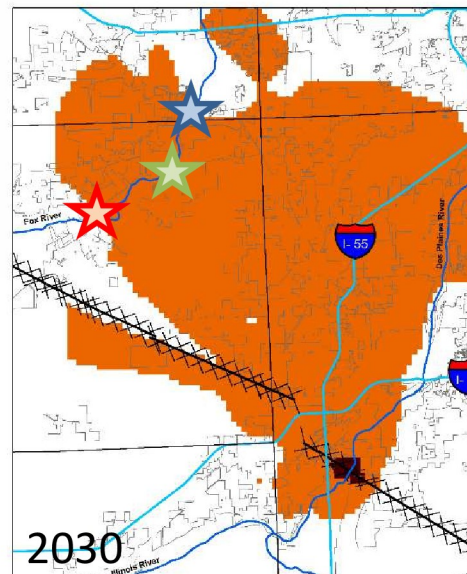
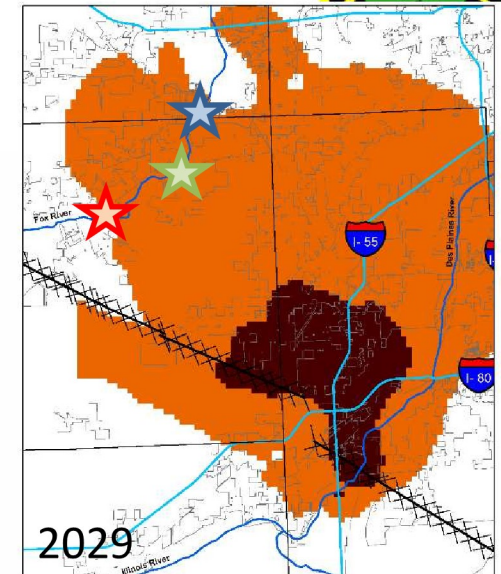
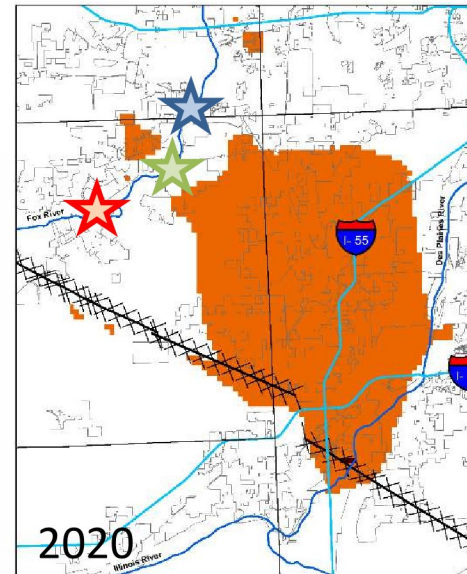
 Sandwich Fault Zone

Source: ISWS

 Village of Montgomery

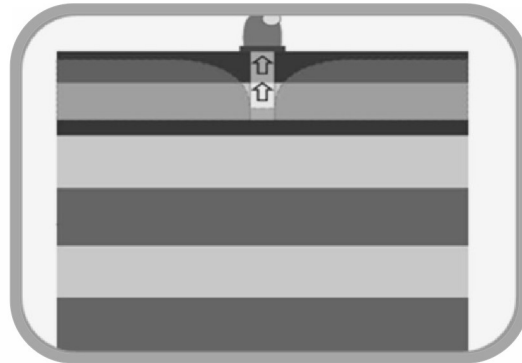
 Village of Oswego

 United City of Yorkville

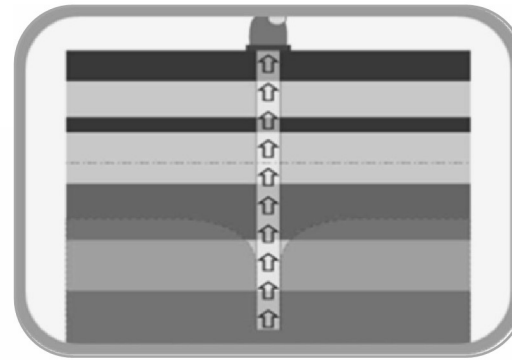




Northeastern IL Water Sources



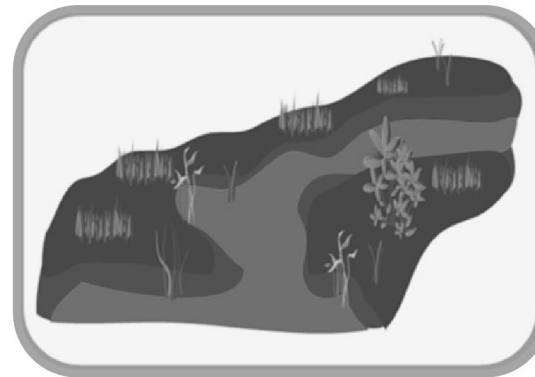
Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



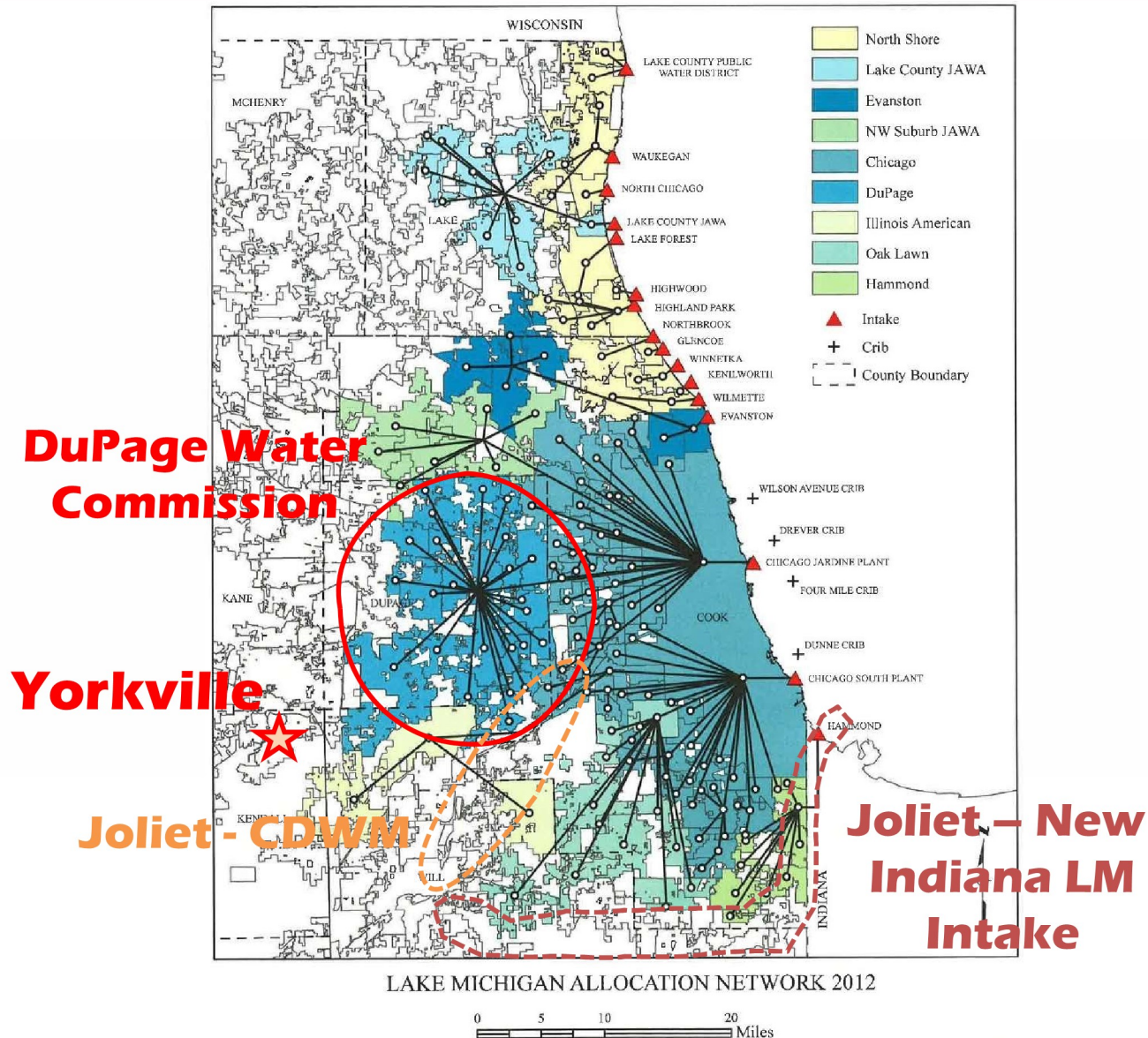
Lake Michigan



Fox River

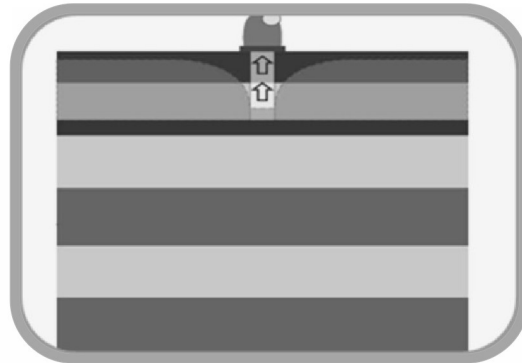


Northeastern IL Water Sources

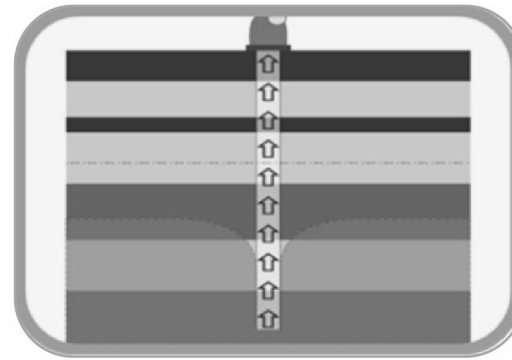




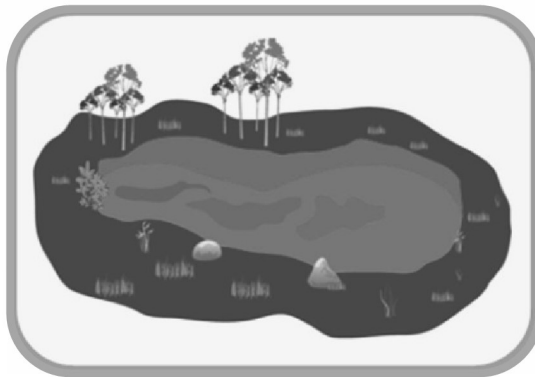
Northeastern IL Water Sources



Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



Lake Michigan



Fox River

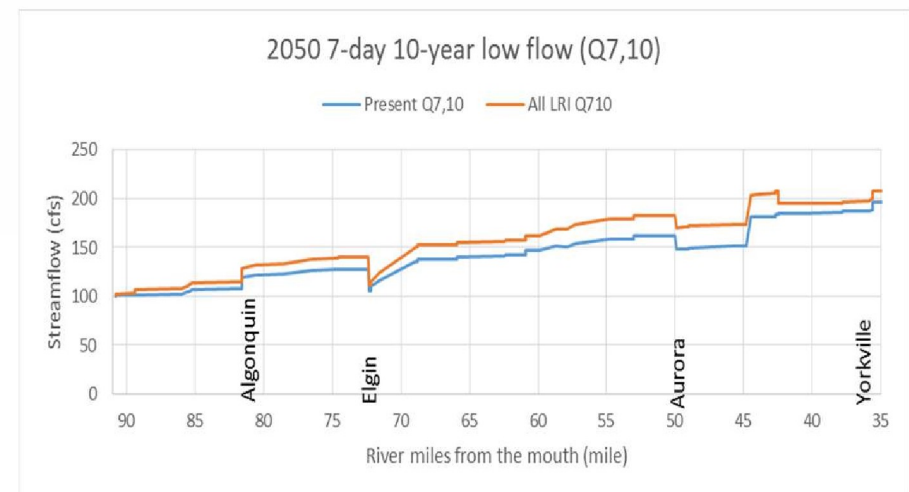
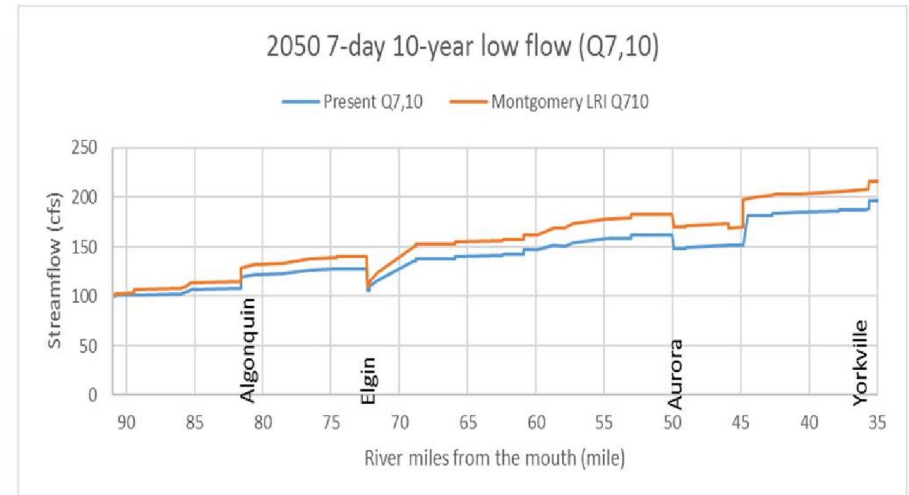


Northeastern IL Water Sources



💧 Fox River

- ➔ ISWS Ran ILSAM Model To Develop 2050 Fox River Flow Projections
- ➔ Model Includes Natural & Man-Made Inputs & Withdrawals
- ➔ Q7,10 Is The State's Protected Low Flow
- ➔ Lowest Flows In Fox River Typically Occur In September
- ➔ River Baseflow Projected To Increase In the Future





Northeastern IL Water Sources



💧 Fox River

- ➔ Most Sustainable Supply Source Currently Within Sub-Region
- ➔ Back-Up Supply Source Still Needed
- ➔ Withdrawal Permitting Sooner Rather Than Later Likely Better

Projected Change In Monthly Risk Of River Flow Being Below Current Q7,10 Flow

Month	Current Conditions (%)	2050 Projected Conditions (%)
May	0.4	<0.1
June	0.3	<0.1
July	1.7	<0.1
August	3.6	0.5
September	4.7	0.9
October	2.4	0.7
November	0.4	0.2

Historical & Projected Q7,10 Deficit Days In Four Worst Drought Years

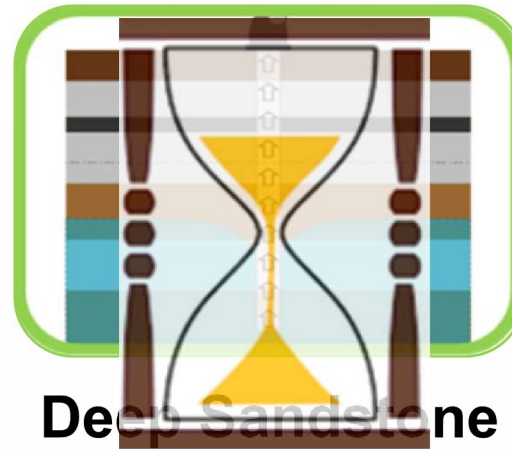
Year	Total # Of Actual Deficit Days	2050 Projected # Of Deficit Days
1934	98	1
2005	50	22
1956	43	24
1946	38	15



COY Water Supply Options



Shallow Sand & Gravel Aquifer



Deep Sandstone Aquifer



Or

JOLIET



Lake Michigan



Fox River



Or

Village of **Montgomery**



Village of **Oswego**

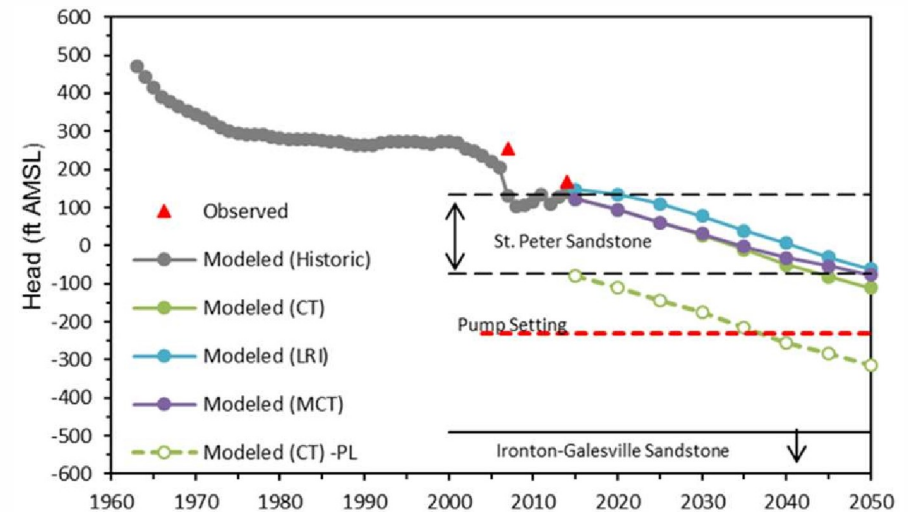


COY Water Supply Options



💧 Deep Wells

- ➔ Existing Deep Wells Could Remain Productive For 20 – 30+ More Years
- ➔ NE IL Region Withdrawing From Deep Sandstone Aquifer Well Beyond Its Sustainable Yield
- ➔ Kane County Withdraws Well Beyond Countywide Sustainable Yield
- ➔ Joliet's Switch Off of the Aquifer Could Extend Timeframes, But Not By Too Much
- ➔ Updated Modeling Required To Better Identify Timeframes





COY Water Supply Options



💧 Fox River

- ➔ Options
- ➔ Village of Montgomery Fox River Withdrawal, Treatment and Transmission System
- ➔ Sub-Regional Fox River Withdrawal, Treatment and Transmission System
- ➔ Considerations
 - ⊞ Cost
 - ⊞ Control
 - ⊞ Risk
 - ⊞ Wells For Back-Up Supply

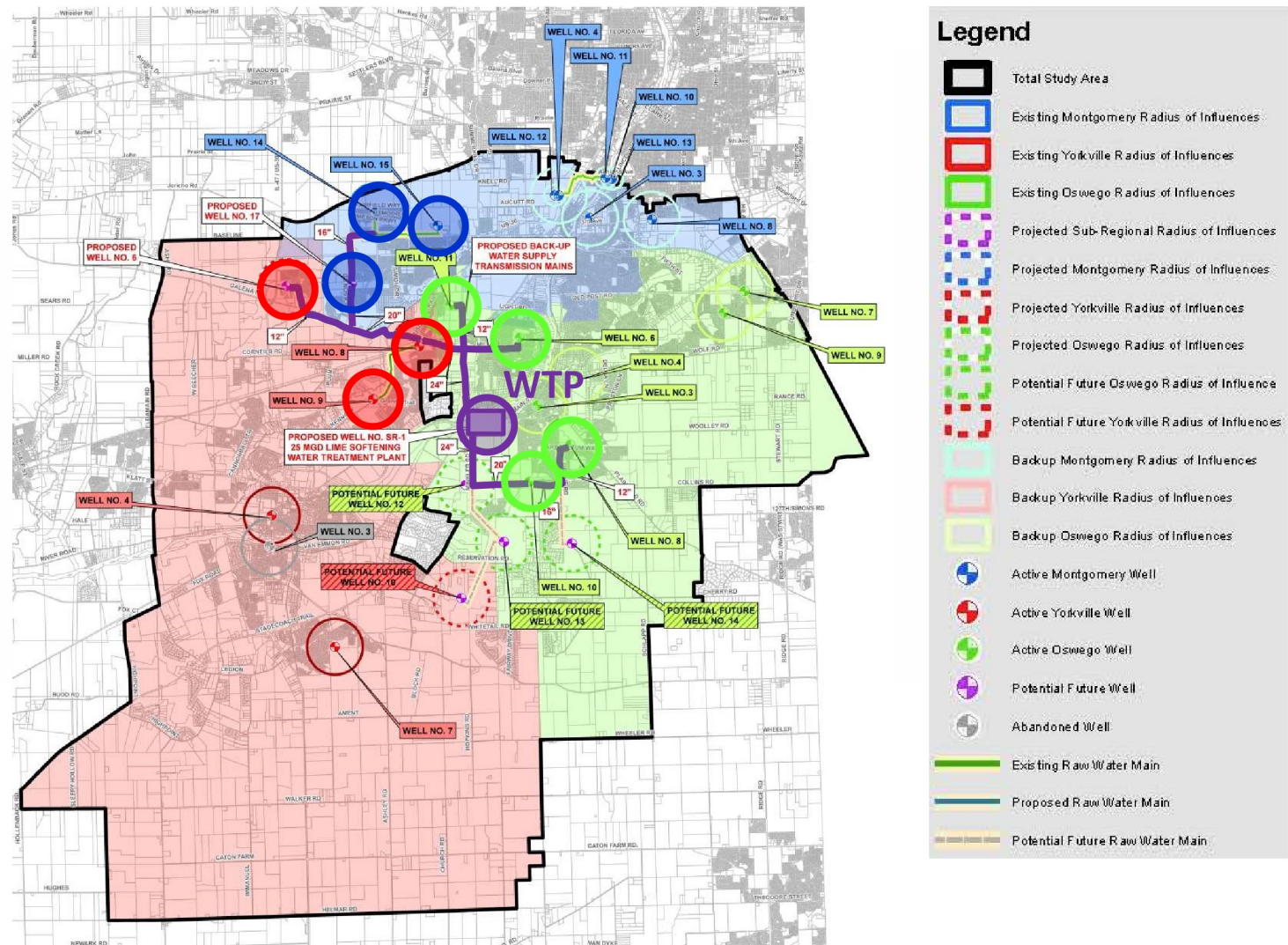




COY Water Supply Options



Sub-Regional Fox River System Back-Up Well Water Supply Plan - LRI

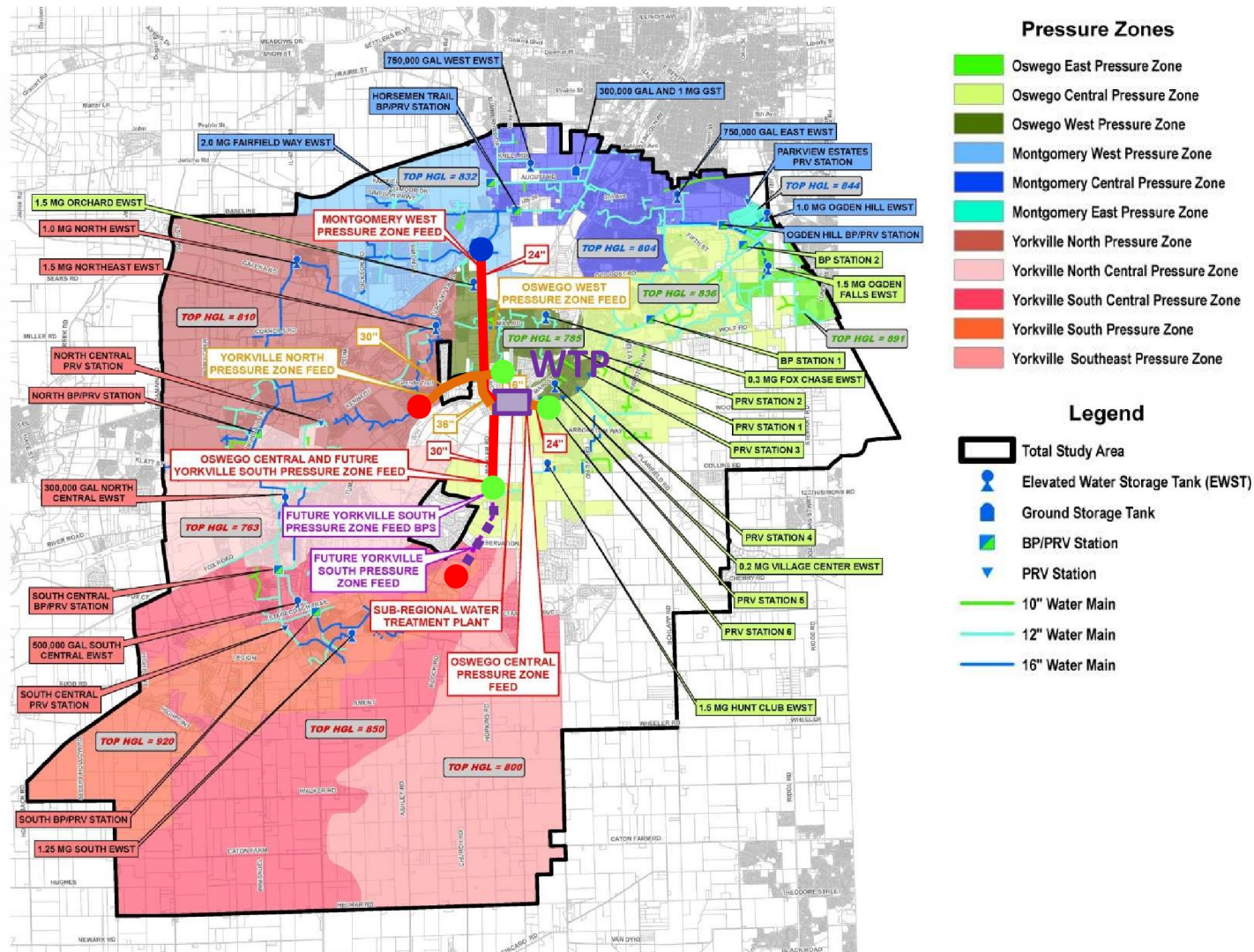




COY Water Supply Options



Sub-Regional Fox River System Treated Water Distribution Plan





COY Water Supply Options



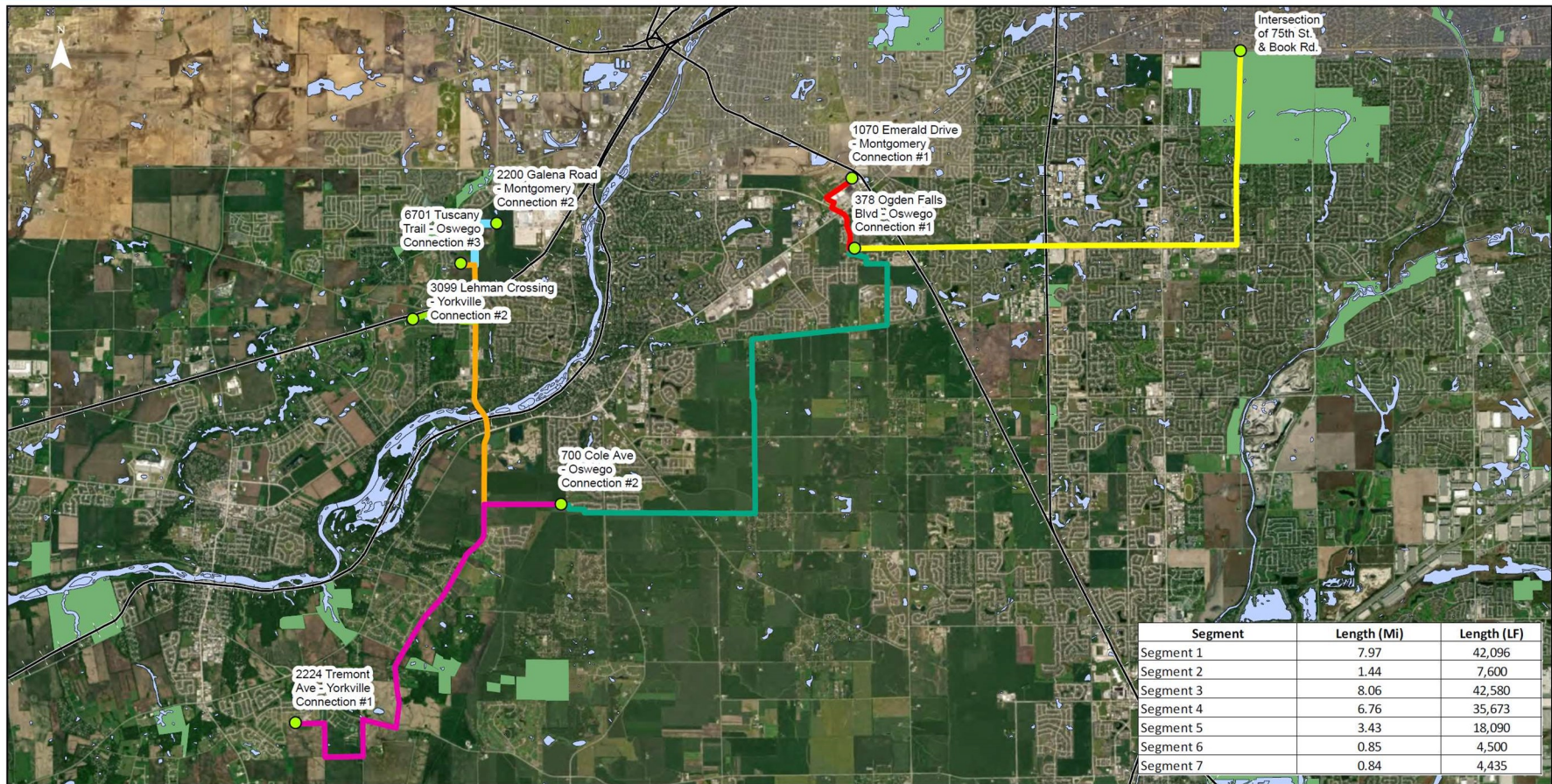
💧 **Lake Michigan – DuPage Water Commission**

- ➔ Second Largest Water System In Illinois – Serve 800,000 People
- ➔ Main Pump Station Capacity = 185 MGD
- ➔ 23 Charter Communities & Six (6) Subsequent Communities
- ➔ 40 Year Water Supply Contracts With City of Chicago & All Commission Members Expires In 2024
- ➔ Water Commission Board
 - ⊕ Six (6) Commissioners Elected By Mayors of Municipalities
 - ⊕ Six (6) Appointed By County Board Chairman
 - ⊕ Chairman Appointed By County Board Chairman
 - ⊕ Six (6) Year Terms





COY Water Supply Options



Legend

- Segment 1
- Segment 2
- Segment 3
- Segment 4
- Segment 5
- Segment 6
- Segment 7
- Rail Lines
- Wetlands
- Parks, Preserves, Conservation Areas

0 0.5 1 2 Miles

ROUTE MAP WITH KEY FEATURES

September 2018

Figure 5

VILLAGE OF OSWEGO, VILLAGE OF MONTGOMERY, AND UNITED CITY OF YORKVILLE FEASIBILITY STUDY TO RECEIVE LAKE MICHIGAN WATER VIA THE DUPAGE WATER COMMISSION

AECOM



COY Water Supply Options



💧 Lake Michigan – City of Joliet

➔ Water Supply Options

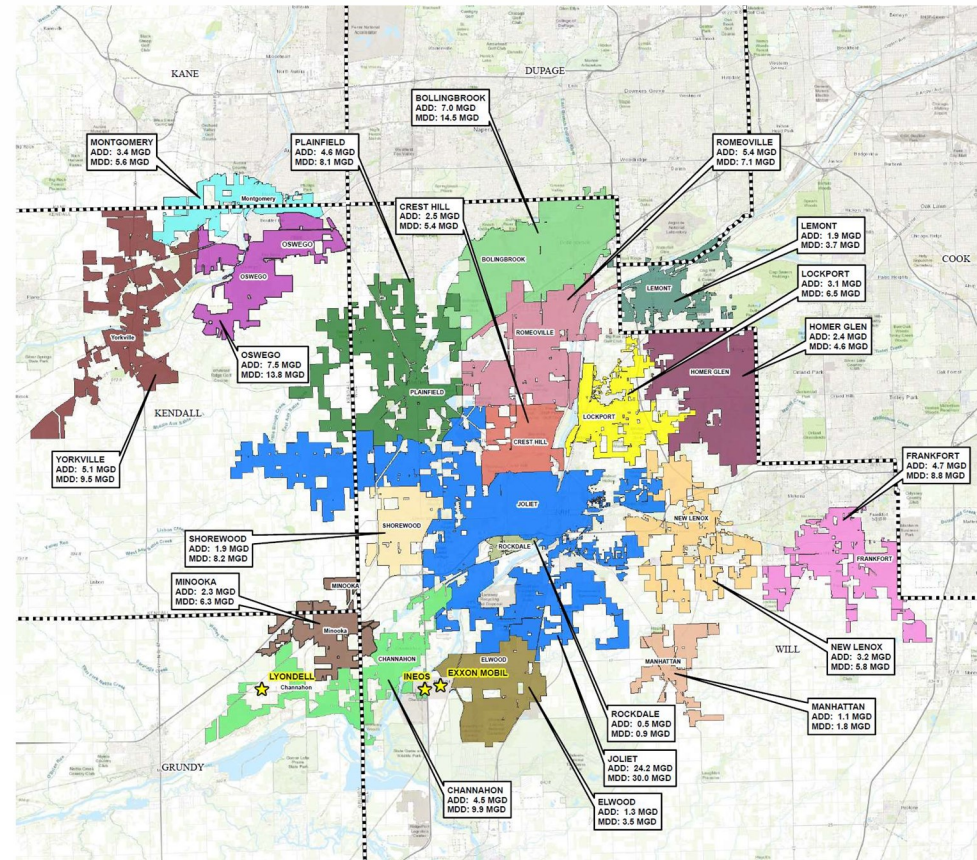
⊞ City of Chicago Department of Water Management (CDWM)

⊞ New Indiana Intake

➔ Proposed Governance Form: Water Commission

➔ Potential Regional Partners: Up To 18 Communities Contacted

➔ Sub-Region With the Village of Oswego and United City of Yorkville



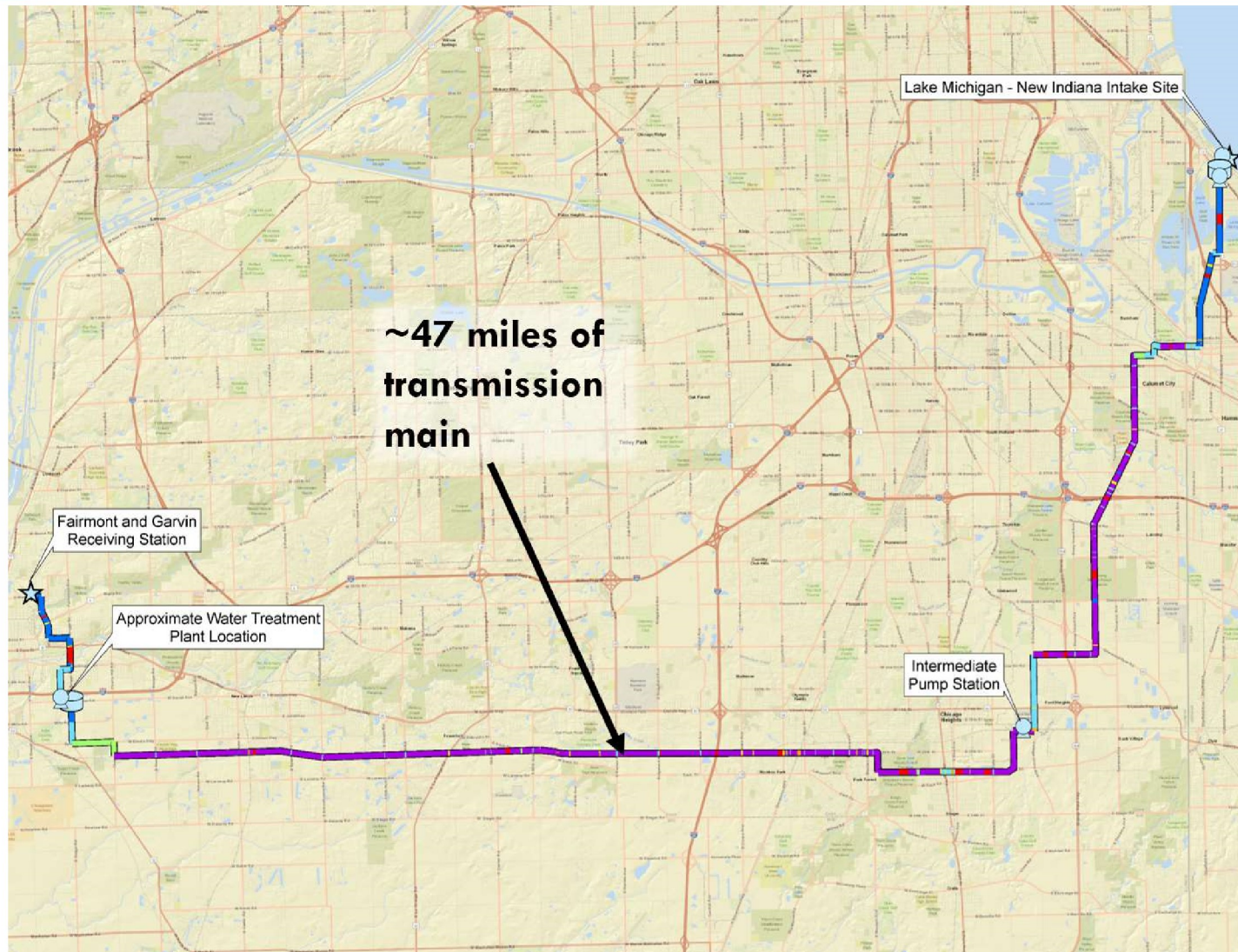
Original 2050 Demands



COY Water Supply Options



City of Joliet Lake Michigan New Indiana Intake Alternative

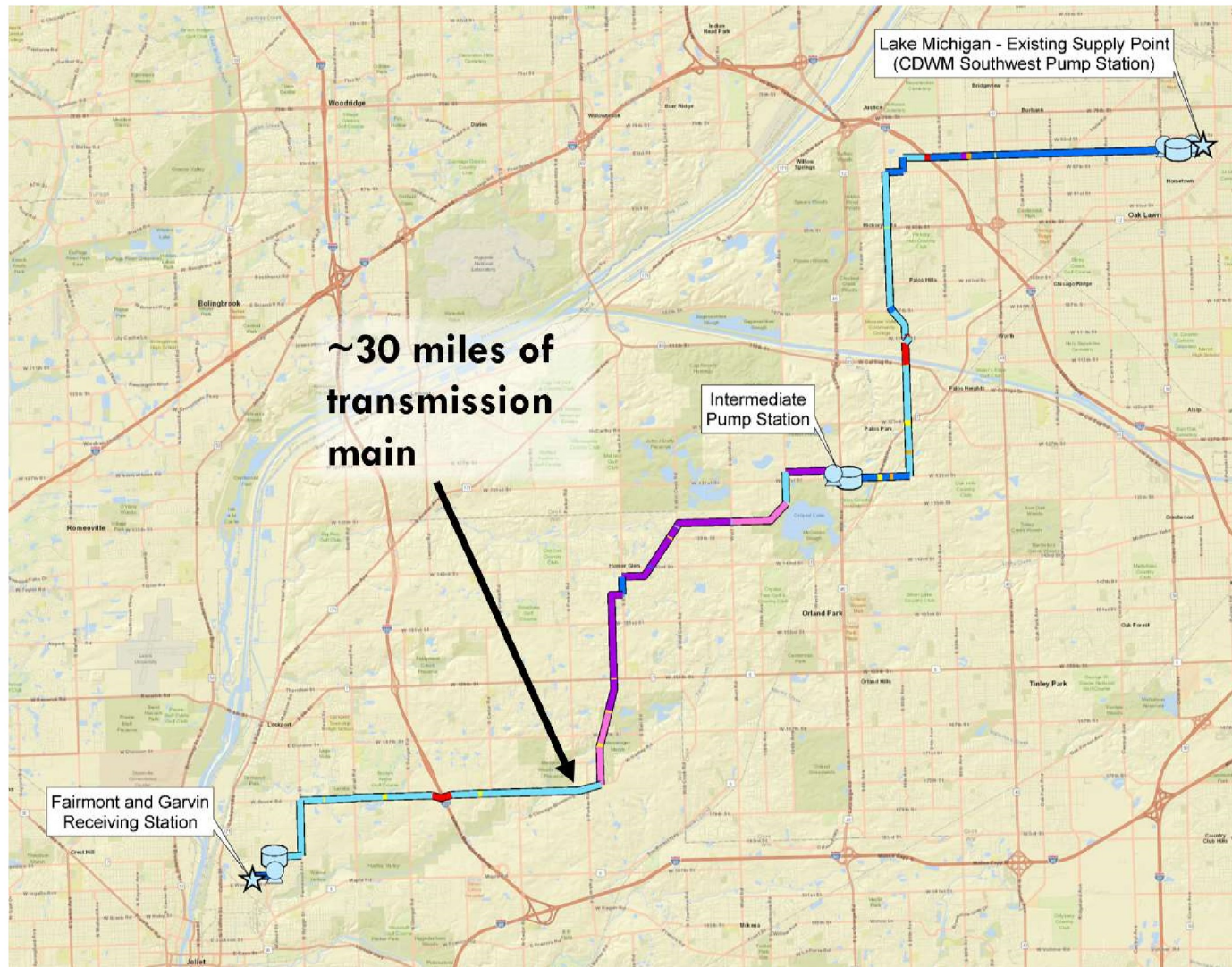




COY Water Supply Options



City of Joliet Lake Michigan CDWM Alternative





COY Water Supply Options



Lake Michigan – City of Joliet Timeline

2020

Alternative Evaluation and Final Selection

NOVEMBER 2020

City Council Workshop to present
Prospectus for each alternative

DECEMBER 2020

Public Forum & City Council decision on
alternative water source

2021

Preliminary Design

DECEMBER 2021

Finalize participants in regional
water system

2022-2024

Final Design

2025-2030

Construction



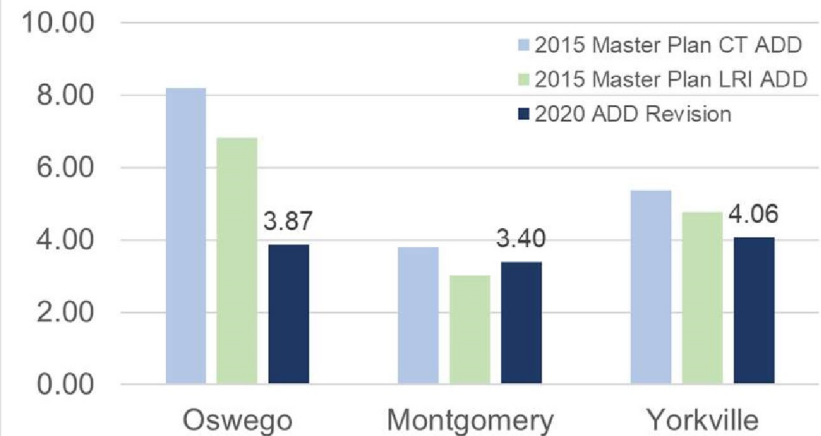
Potential Next Steps



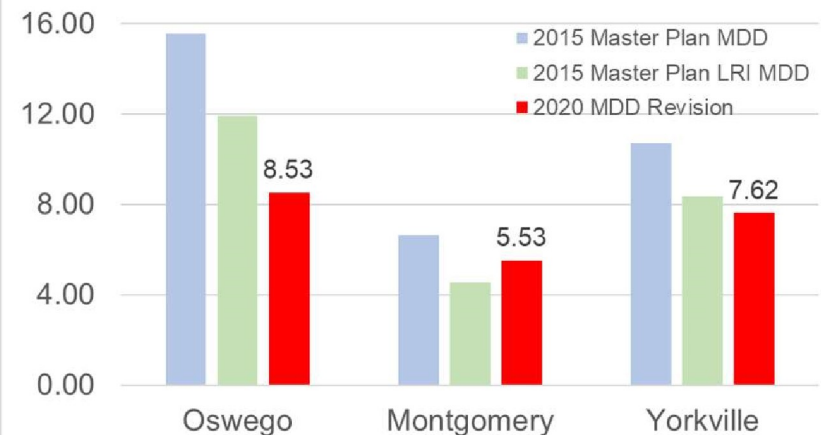
💧 Updated Water Demand Projections

- ➔ Original Projections Estimated 2050 Population Based On Growth Rate To 2040
- ➔ CMAP Developed 2050 Population Projections Shortly After the Last Master Plan Was Completed
- ➔ Demands Are Key For System Sizing and Cost Distribution

2050 Average Day Demand (ADD) Evolution



2050 Maximum Day Demand (MDD) Evolution



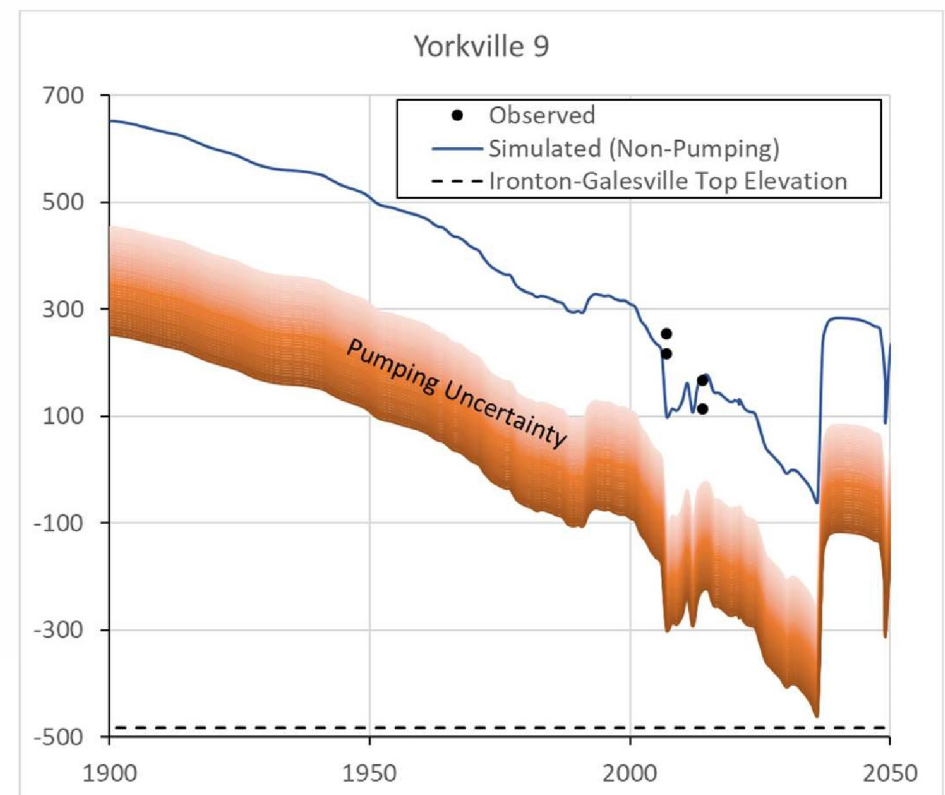


Potential Next Steps



💧 Updated Deep Sandstone Water Level Projections Within Sub-Region

- ➔ Multistate Deep Sandstone Aquifer Is a Complex System
- ➔ Regional Sandstone Model Is Updated Based On Evolving Information
- ➔ Well Productivity Timeframes Likely Different





Potential Next Steps



💧 Apples To Apples Cost Comparison

- ➔ Capital Costs
- ➔ Present Value Costs
- ➔ 50-Year Total Cost of Water
- ➔ 2030 Estimated Typical Residential Water Bill





Potential Next Steps



💧 Decision Considerations

- ➔ Cost
- ➔ Sustainability/Water Quantity
- ➔ Water Quality
- ➔ Control/Governance
- ➔ Risk (Implementation & Long Term)





Q&A



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Bradley P. Sanderson, P.E.

Chief Operating Officer / President

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630-466-6720





Acronyms



ADD = Average Day Demand

BH = Boulder Hill

BPS = Booster Pump Station

CEWTP = Cation Exchange Water Treatment Plant

CT = Current Trends Water Use

EWST = Elevated Water Storage Tank

GPM = Gallons Per Minute

GPCD = Gallon Per Capita Per Day

ISWS = Illinois State Water Survey

LRI = Less Resource Intensive Water Use

LSWTP = Lime Softening Water Treatment Plant

ILSAM = Illinois Streamflow Assessment Model

JAWA = Joint Action Water Agency

LM = Lake Michigan

MDD = Maximum Day Demand

MG = Million Gallons

MGD = Million Gallons Per Day

MP = Master Plan

NE IL = Northeast Illinois

PRV = Pressure Reducing Valve

Q7,10 = Lowest 7 Day Period of Flow in 10 Years

S&G = Sand and Gravel

SQ Mi = Square Mile

WTP = Water Treatment Plant

WWS = Water Works System