



City of Lake Geneva, 626 Geneva St, Lake Geneva, WI 53147- 262.248.3673- www.cityoflakegeneva.gov

CITY OF LAKE GENEVA FINANCE, LICENSING, AND REGULATION COMMITTEE

TUESDAY, MARCH 7, 2023 - 4:30 PM

LAKE GENEVA CITY HALL; COUNCIL CHAMBERS (MAIN LEVEL)

Members:

Committee Members: Chairperson Ken Howell, Alderpersons: Joan Yunker, Mary Jo Fesenmaier, John Halverson, and Rich Hedlund

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Access Code: 9746153

AGENDA

1. Call to Order by Chairperson Howell
2. Roll Call
3. Comments from the public limited to 5 minutes, limited to items on this agenda
4. Approval of the February 7, 2023 Finance, Licensing, and Regulation Committee minutes as prepared and distributed
5. **Licenses & Permits**
 - a. Discussion/Recommendation regarding a Temporary Class "B"/"Class B" Retailer's License application filed by St Francis DeSales Parish for the event of St Patrick's Dinner to be held March 17, 2023 from 5:00 p.m. to 8:00 p.m., located at 148 W Main St
 - b. Discussion/Recommendation regarding a Temporary Operator License application filed by Robert McCormick for use at the St Francis De Sales Parish St Patrick's Dinner to be held on March 17, 2023
 - c. Discussion/Recommendation regarding a Tier I Event Permit Application filed by the Alzheimer's Association for the event of Walk to End Alzheimer's in Walworth County to be held on Saturday, September 16, 2023 from 6:30 a.m. to 2:00 p.m., located in Library Park (Applicant is requesting waiver of Parking Fees)
6. Discussion/Recommendation regarding the final draft of the City of Lake Geneva Impact Fee

Study

7. Discussion/Recommendation regarding Pay Request #3 filed by Wolf Paving Co, Inc for work completed on the 2022 Street Improvement Project in an amount not to exceed \$40,621.92
8. Discussion/Recommendation regarding the purchase of two (2) five-yard plow trucks
9. Discussion/Recommendation regarding the purchase of a Leaf Vac for the Department of Public Works
10. Discussion/Recommendation regarding placement of a handicap stall in front of 525 Broad St
11. Discussion regarding the January 2023 Treasurer's Report and Budget versus Actual Report

12. Presentation of Accounts

- a. Pre-paid Bills: \$105,115.44
- b. Regular Bills: \$135,588.05

13. Adjournment

Requests from persons with disabilities, who need assistance to participate in this meeting or hearing, should be made to the City Clerk's office in advance so the appropriate accommodations can be made.

CITY OF LAKE GENEVA FINANCE, LICENSING, AND REGULATION COMMITTEE MINUTES

TUESDAY, FEBRUARY 7, 2023 - 4:30 PM

LAKE GENEVA CITY HALL; COUNCIL CHAMBERS (MAIN LEVEL)

Members: Committee Members: Chairperson Ken Howell, Alderpersons: Joan Yunker, Mary Jo Fesenmaier, John Halverson, and Rich Hedlund

Call to Order by Chairperson Howell

Chairperson Howell called the meeting to order at 4:30 p.m.

Roll Call

Present: Howell, Fesenmaier, Halverson, Hedlund, and Yunker

Absent: None

Comments from the public limited to 5 minutes, limited to items on this agenda

Spyro Condos; 1760 Hillcrest Dr; Spoke in regards to the 2023 amended Downtown Business Improvement District budget.

Alex Banati; BID Executive Director: Spoke in regards to the 2023 amended Downtown Business Improvement District budget.

Nicki Maschicano; Geneva Lake Arts Foundation; Spoke in favor of the event permit for Art in the Park being approved.

Approval of the January 17, 2023 Finance, Licensing, and Regulation Committee minutes as prepared and distributed

Motion by Hedlund to approve, second by Halverson. No discussion. Motion carried 5-0.

Licenses & Permits

Discussion/Recommendation regarding a Tier I Event Permit Application filed by Geneva Lake Arts Foundation Inc, for the event of Art in the Park to take place on August 12 and August 13, 2023, with setup on August 11, 2023, located in Flat Iron Park; applicant is requesting the waiver of parking fees

Motion by Fesenmaier to approve, second by Howell. Hedlund stated that the waiving of parking fees has become an issue for the Council. He added that these groups should go before the Tourism Commission to ask for money for the parking fees. He explained that by doing this the fees would be paid for by room tax dollars collected from tourists versus property tax payers. Fesenmaier added that there needs to be a policy to identify what groups would be eligible for waived parking fees and would vote in favor of the waiver, for consistency. She also added that the Tourism Commission couldn't pay for the parking fees, as that money needs to be used for marketing. Hedlund explained that maybe the group could use their marketing budgets for the parking and then use the Tourism Commission grant money for the marketing.

Motion by Howell to allow Nikki Marsicano to speak, second by Halverson. Motion carried 5-0. Marsicano addressed the committee regarding the concerns about not waiving the parking fees for the event. She added that had they known, they could have charged more to their vendors to help cover those costs. Currently two-thirds of their vendors have already responded. Fesenmaier added that the waiver of parking fees, as a whole, needs a discussion and a policy, but that for now the committee should continue its past practice and waive the fees.

Motion by Halverson to amend to approve the permit application without a recommendation regarding the waiver of the parking fees, second by Hedlund. Motion to amend carried 4-1, with Fesenmaier voting no.

Original motion as amended carried 4-1, with Fesenmaier voting no.

Discussion/Recommendation regarding a Tier II Event Permit Application filed by the Lake Geneva Jaycees, for the event of Venetian Fest to take place August 14, 2023 through August 21, 2023, located in Flat Iron Park, Library Park, and Seminary Park; applicant is requesting waiver of parking fees

Motion by Hedlund to approve with the exception of the waiver of parking fees, second by Yunker. Fesenmaier reiterated the need for a parking fee waiver policy. Hedlund added that these groups should be approaching the Tourism Commission to help pay for these events. Motion carried 4-1, with Fesenmaier voting no.

Temporary Class "B"/"Class B" Retailer's License application filed by the Lake Geneva Jaycees for the event of Venetian Fest to be used August 14, 2023 through August 21, 2023, located in the Flat Iron Park parking lot, on Center Street; alcohol sales hours will be August 16, 2023 through August 18, 2023 from 5:00 p.m. to 12:00 a.m. and August 19, 2023 and August 20, 2023 from Noon to 12:00 a.m., with last call announced at 11:45 p.m. on all nights

Motion by Hedlund to approve, second by Yunker. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding a Fireworks Permit Application filed by the Lake Geneva Jaycees for a fireworks display to take place on August 20, 2023 at dusk

Motion by Hedlund to approve, second by Halverson. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding a "Class A" Intoxicating Liquor License Application filed by Edie INC d/b/a Marigold located at 725 W Main St, Angela Carlson, agent

Motion by Halverson to approve, second by Fesenmaier. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding a Class "C" Wine License Application filed by Cheese & Crafters LLC d/b/a Board & Brush located at 262 Center St, Chelsea Rudig, Agent

Motion by Fesenmaier to approve, second by Halverson. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding the amended 2023 Downtown Business Improvement District budget

Motion by Hedlund to approve, second by Yunker. Finance Director Pisarcik agreed that this amended budget is all in order. Motion carried 5-0.

Discussion/Recommendation regarding **Resolution 23-R06** a resolution amending the City of Lake Geneva Fee Schedule as it relates to the right-of-way permit fee

Motion by Howell to approve, second by Fesenmaier. No discussion. Motion carried 5-0.

Discussion/ Recommendation regarding awarding the 2023 Crack Cleaning and Sealing bid to Thunder Road LLC in an amount not to exceed \$35,000

Motion by Halverson to approve, second by Hedlund. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding awarding the bid for the 2023 Mariane Terrace and Pine Tree Lane Improvements to Asphalt Contracts, INC in an amount not to exceed \$1,012,080.34

Motion by Fesenmaier to approve, second by Hedlund. Hedlund stated that there will be a public meeting on this project on February 22, 2023. Motion carried 5-0.

Discussion/Recommendation regarding awarding the 2023 Street Improvement Project- Phase 3 Wrigley Drive ADA Improvements to All-Ways Contractors, INC in an amount not to exceed \$252,572.07

Motion by Hedlund to approve, second by Yunker. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding disallowance of claim filed by Vickie Richel for alleged vehicle damage as a result of sidewalk construction work at the library, pursuant to Wis. Stat. 893.80(1g)

Motion by Hedlund to disallow, second by Yunker. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding disallowance of claim filed by Frederick Babashka for alleged injuries and damages sustained as a result of a trip and fall at or near Main St, pursuant to Wis. Stat. 893.80(1g)

Motion by Hedlund to disallow, second by Yunker. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding eliminating parking fees within Lot I, located on Wells Street

Hedlund stated that this is an underutilized lot and was talked about being an employee permit lot.

Motion by Hedlund to continue, second by Halverson. Motion carried 5-0.

Discussion/Recommendation regarding an agreement with the Geneva Lakes YMCA for recreational services at Veteran's Park

Motion by Hedlund to approve, second by Fesenmaier. No discussion. Motion carried 5-0.

Discussion/Recommendation regarding an agreement with the Geneva Lakes YMCA for a two-year Veteran's Park Concessionaire

Motion by Fesenmaier to approve, second by Hedlund. Hedlund added that the concession stand has been open more frequently since the YMCA has taken over the contract. Motion carried 5-0.

Discussion regarding the October 2022 Treasurer's and Budget versus Actual Reports

No action taken.

Discussion regarding the November 2022 Treasurer's and Budget versus Actual Reports

No action taken.

Discussion regarding the December 2022 Treasurer's and Budget versus Actual Reports

Motion by Halverson to combine the October, November, and December Treasurer's and Budget versus Actual report for one presentation, second by Hedlund. Motion carried 5-0.

Finance Director Pisarcik gave a presentation regarding the three-month budget versus actual and treasurer's reports, as presented in the packet. No action taken.

Presentation of Accounts

Pre-paid Bills: \$86,200.68

Motion by Yunker to approve, second by Hedlund. No discussion. Motion carried 5-0.

Regular Bills: \$367,209.16

Motion by Yunker to approve, second by Fesenmaier. No discussion. Motion carried 5-0.

Adjournment

Motion by Hedlund to adjourn, second by Yunker. Motion carried 5-0. The meeting adjourned at 5:24 p.m.

**SUPPLEMENTAL APPLICATION FORM
TEMPORARY CLASS "B" / "CLASS B" RETAILER'S LICENSE
CITY OF LAKE GENEVA**

This form needs to be submitted as an attachment to the Application for Temporary Class "B" / "Class B" Retailer's License Form (Form AT-315) and returned to the City Clerk.

Applicant Organization: St Francis De Sales Parish

Name of Event: St Patrick's Dinner

Date of Event: March 17 2023

Time of Event: 5 PM 8 PM
(Beginning) (Ending)

Event Contact Person: Millie McCormick

Contact Phone:

Contact Email:

Will a Licensed Operator be serving or supervising the service of alcohol?
***This includes Temporary Operator's who have completed the Responsible Beverage Servers class.**

☒ Yes

☐ No

**PLEASE FILL ALL BLANKS COMPLETELY.
THIS INFORMATION IS NEEDED TO COMPLETELY PROCESS YOUR
TEMPORARY RETAILER'S LICENSE APPLICATION.**

For Office Use Only

Date Filed: Feb 21, 2023 Receipt No: 14.000546

Total Amount: \$10

Forwarded to Police Chief: Mar 1, 2023

Recommendation: _____ Approved Denied

Verification that not more than 2 temporary wine licenses have been issued to this applicant within the last 12 months: _____

FLR Approval: _____

Council Approval: _____

License Issued: _____

License Number: _____

License Expires: _____

MAILTO: Organization

Application for Temporary Class "B" / "Class B" Retailer's License

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ _____

Application Date: Feb 20 2023

☐ Town ☐ Village ☒ City of Lake Geneva

County of Walworth

The named organization applies for: (check appropriate box(es).)

☒ A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats. Beer only

☐ A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning _____ and ending _____ and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

1. Organization (check appropriate box) →

☐ Bona fide Club

☒ Church

☐ Lodge/Society

☐ Veteran's Organization

☐ Fair Association or Agricultural Society

☐ Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.

(a) Name St Francis De Sales Catholic Church

(b) Address 148 W. Main St., Lake Geneva
(Street) ☐ Town ☐ Village ☐ City

(c) Date organized 1848

(d) If corporation, give date of incorporation 8-15-1915

(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box: ☐

(f) Names and addresses of all officers:

President Archbishop Jerome Listek

Vice President Rev Raymond Guthrie

Secretary Martha Cucco

Treasurer MR FRAN Zappitelli

(g) Name and address of manager or person in charge of affair: _____

2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:

(a) Street number 148 W Main St. Lake Geneva

(b) Lot _____ Block _____

(c) Do premises occupy all or part of building? All

(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover: _____

3. Name of Event

(a) List name of the event St Patrick's Dinner

(b) Dates of event 3-17-2023

DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer

(Signature / Date)

St Francis De Sales Parish
(Name of Organization)

Date Filed with Clerk _____

Date Reported to Council or Board _____

Date Granted by Council _____

License No. _____

Copy 2022

City of Lake Geneva

Temporary Operator's License

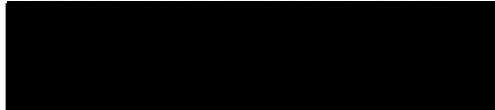
License no:

2022 27

Fee: **10.00**

WHEREAS, the local governing body of the City of Lake Geneva, County of Walworth, Wisconsin, has, upon application, duly made, granted and authorized the issuance of a "Temporary Operator's" License to:

Robert F. McCormick Jr.



AND WHEREAS, the said applicant has paid to the Treasurer the sum of \$10.00 as required by the Municipal Ordinances, and has complied with all requirements necessary for obtaining a license;

NOW THEREFORE, a "Temporary Operator's" License, pursuant to Sections 125.32 (2) and 125.68(2) of the Wisconsin Statutes, and local ordinances, is hereby issued to said applicant.

for the event of: **St. Francis De Sales
Fall Fest**

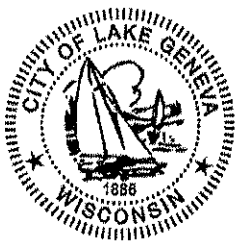
for the period from **9/25/2022 to 9/25/2022.**

Given under my hand and the Great Seal of the City of Lake Geneva,
County of Walworth, State of Wisconsin, this **11th day of August,**
2022.



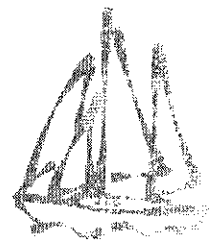
A handwritten signature in dark ink, reading "Lana C Kropf".

Lana C Kropf, City Clerk



CITY OF LAKE GENEVA

TEMPORARY OPERATOR LICENSE



PLEASE FILL IN ALL BLANKS COMPLETELY, AS INCOMPLETE APPLICATIONS WILL BE REJECTED. FEE OF \$10.00 IS PAYABLE TO CITY OF LAKE GENEVA AND DUE UPON APPLICATION.

NOTE: This license shall be issued to persons under the terms of Wisconsin State Statutes 125.17 (4). License shall be issued only to operators employed by or donating their services to non-profit corporations. A maximum of two temporary operator licenses will be issued to any individual per year. This license shall be valid only for the period of time specified on the license, which time period shall not exceed fourteen (14) days.

APPLICANT INFORMATION

Name: McCormick JR Robert F.
Last First Middle

Maiden Name: _____

Address (Physical) _____

Mailing Address (if different): _____

City, State, Zip: Lake Geneva WI, 53147

Is your Certificate of Completion of a Beverage Server Training Course Attached? ☒ YES ☐ NO

If No, will a Licensed Operator be serving or supervising the service of alcohol? ☐ YES ☐ NO

ORGANIZATION WHERE SERVICES OF LICENSEE WILL BE EMPLOYED

Organization Name: St Francis De Sales Parish

Address: 148 W main St Lake Geneva WI, 53147

Name of Event where licensee will work: St Patrick's Dinner

Date of Event: March 17 2023

APPLICANT SIGNATURE

Robert F. McCormick Jr. DATE: 2-20-2023

pd#10 - R#14.000546 2/21/2023

Temporary Operator License Application Page 1 of 2

Revision Date: 01/2016



CITY OF LAKE GENEVA EVENT PERMIT APPLICATION

Please fill in all blanks completely, as incomplete applications will be rejected.

Applications must be submitted

AT LEAST 4 WEEKS prior to the proposed event date for approval.

Section I- APPLICANT INFORMATION

Name of Applicant: Walk to End Alzheimer's in Walworth County

Name of Event Organizer/Producer: ~~Taylor Ruffing~~ & Amanda Gabert

Production Company/Organization: Alzheimer's Association FEIN #: 13-3039601

Street Address: 620 S 76th St, Suite 160

City: Milwaukee State: WI Zip code: 53214

Are you a ☐ For-Profit OR ☒ Non-Profit Organization 501(c) 3

EIN # (Tax Exempt Number): 13-3039601

*All non-profits must present a copy of their current Tax ID- EIN#

Section II- EVENT INFORMATION- Check the proper category

☐ **Public Assembly Permit- *Non-Profit: No Charge; Otherwise: \$60.00 per day Fee**

(Meet one or more criteria) Single day event use of City of Lake Geneva facilities with NO street, parking or intersection closures, attendance under 500, NO serving of alcohol in public space.

☐ **Block Parties or use of Gazebo for 1 Hour Photo Ops: * Non-profit: No Charge; Otherwise: \$75.00 Fee**

Small event limited to one street with 4 barricades in a neighborhood or gazebo in Flat Iron Park.

☒ **Tier 1 Events: *Non-Profit: No Charge; Otherwise: \$250.00 Fee for an event up to seven days; additional \$50.00 per day thereafter**

(Meet one or more criteria) Rolling closure of streets, public walkway, limited parking stalls or intersection closures that do not impact public use, attendance of 501 to 3,000, four (4) hours or less of alcohol sales or serving, majority use of a city park(s), or other municipal facility.

☐ **Tier 2 Events: *Non-Profit: No Charge; Otherwise: \$500.00 Fee for an event up to seven days; additional \$100.00 per day thereafter**

(Meets one or more criteria) Non-profit or not-for-profit organization offering multiple-day events, attendance of more than 3,000+, more than four (4) hours of alcohol sales or serving, and/or exclusive use of City park(s), street(s), limited parking stalls, or other municipal facility.

Note: Seminary (includes the use of the Shelter) and Flat Iron Park (includes the use of Brunk Pavilion) have 3 available picnic tables and 10 benches which you can select as part of your event permit. Any additional picnic tables, benches, or barricades needed should be directed to a rental company.

1. Title of Event: Walk to End Alzheimer's in Walworth Co.
2. Date(s) of Event: Saturday, Sept. 16, 2023
3. Location(s) of Event: Library Park, Lake Geneva
4. Hours: 6:30 am setup, done by 2:00 pm
Note: Start Time & End Time

5. Event Chair/Contact Person: Moni Ledtke Phone: [REDACTED]
6. Day of Event Contact Name: ~~Taylor Ruffing~~ Amanda Gabert Phone: [REDACTED]
7. Is the event open to the public? ☒ Yes ☐ No
8. Will you charge an admission fee? ☐ Yes ☒ No
9. Estimated Attendance Number: 600
10. Basis for estimate: 2022's attendance
11. Will you be setting up a tent? ☒ Yes ☐ No

If yes, list the location, size, Rental Company, and proof of completion of locates.

We bring our own 10x10 tents, if we need 10x15 tents, we will use Dunn Lumbar

12. Will there be any animals? ☒ Yes ☐ No
If yes, what type and how many: Some dogs on leashes; est 12

13. **Attach a detailed description of proposed event with map of the exact location of the event and/or route.**

14. Description of plan for handling refuse collection and after-event clean-up:

John's Disposal provides garbage/recycling for event. Walk committee & volunteers clean up post-event.

15. Description of plan for providing event security (if applicable):

LGPD and LG rescue squad are always there. We also have 2 security guards onsite.

16. Will there be fireworks or pyrotechnics at your event? **No**
If yes, please attach a fireworks display permit or application.

17. Will your event include the sale of beer and/or wine? **No**
If yes, please attach a completed Temporary Alcohol License & Temporary Operator License Application.

18. Will you or any other vendors be selling food or merchandise? **No**
If yes, please attach list of proposed vendors, including business name and type of food/merchandise sold.

19. Do you intend to use the available picnic tables and benches in the location? **Yes** ☒

Continue to next page...

Section III- STREET USE

☐ Check if this section does not apply

Required for any event using a public street. Per Sec. 62-243 of the municipal code, this application must include the following attachments:

- ☐ Certificate of Comprehensive General Liability Insurance with the City, its employees and agents as additional insured with coverage for contractual liability with minimum limits of \$500,000 per occurrence for bodily injury and property damage limits of \$250,000 per occurrence.
- ☐ Petition signed by more than half of the residential dwelling units and/or commercial units residing along that portion of the street designated for the proposed use or whose property is denied access by virtue of the granting of the permit.

1. Description of portion(s) of road(s) to be used:

Road closures must include rental of barricades; must be coordinated with the City of Lake Geneva Department of Public Works

2. Will any parking stalls be used or blocked during the event?

☒ Yes ☐ No

Parking Stall daily fees or bagging of Parking Stall fees are not included with the event permit fee; arrangements must be made with the City of Lake Geneva Parking Manager

Dates of Use: 9/16/2023

Total Number of Parking Stalls being Requested: 8-10

Parking Stall Number(s) and Location: Near library park

3. Description of Signage to be used during event:

Route signs and general stage signage. We will need 20 cattle fences to help with signage please.

**The use of City Street Banner poles will require a separate, complete Street Banner Display Application*

4. Anticipated Services

Please indicate below any additional services you are requesting for your event. Estimated Fees or Deposits for these services may be required prior to issuance of permit(s)

☐ **Electricity;** Explain: Plug in for sound system & for band

☐ **Water;** Explain: _____

☐ **Traffic Control;** Explain: _____

☐ **Police Services;** Explain: 9:30-11:30 am (est) Main St & Maxwell to assist walkers

☐ **Fire/EMS Services;** Explain: LG Rescure from 8-11:30am

☐ **Other;** Explain: _____

***Please note:** The City of Lake Geneva, the Police Department and/or Fire Department have the right to cancel an event due to inclement weather or any safety risk.

***All Parks and Public Spaces must be left the way they were originally found. A credit card is required to be placed on file with the City Clerk's office should the park or public space incur any damage or has not been cleaned up. Any charges will be communicated to the card holder prior to credit card processing.**



The applicant for her/himself and for other persons, organizations, firms and corporations, if any listed in this application, being of sound mind and body, do hereby freely, voluntarily and knowingly, now and for all times, fully save and hold harmless and defend, the CITY OF LAKE GENEVA, a Wisconsin Municipal Corporation located in the Walworth County, and each and every of its elected and appointed officials, employees, representatives, agents, heirs, and assigns, jointly and severally from and against any and all claims, causes of action, actions, liabilities, demands, losses, damages, and/or expenses of whatsoever kind and nature including counsel or attorneys' fees, which I have or may, at any time, incur or sustain arising from, resulting from, incurred in consequence of, or pertaining to, any and all intentional and negligent acts, omissions, incidents, activities and transactions, of whatever kind and nature, direct or indirect, of mine own and those of or by the CITY OF LAKE GENEVA, and each and every of its elected and appointed officials, employees, representatives, and agents, regardless of when or where, occurring or arising from this event.

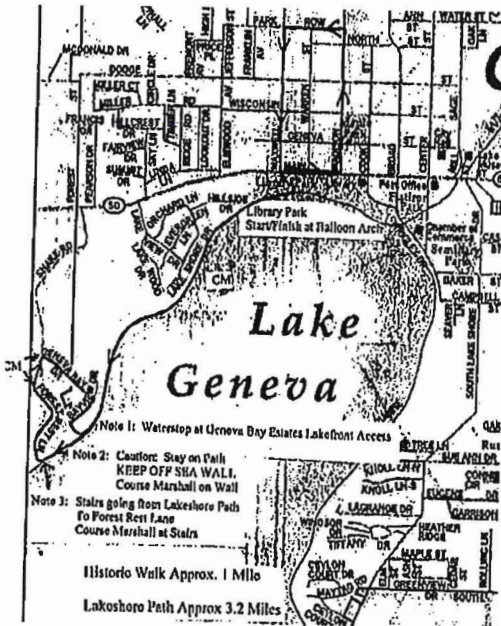
Applicant Signature: _____

Taylor Poffey

Date: 2/1/23

Detailed description of proposed event w/map of exact location/route:

The walk is to raise awareness about the disease and provide funds to the Alzheimer' Association. The walk is a 3-mile loop around the lake short path or 1 mile walk in historic Maple Park neighborhood.



Description of signage:

Signs along the walk route to guide walkers. Information banner signs at Library Park.

For Office Use Only

Date Filed with Clerk: 2/1/23 Payment Amount: \$ N/A

Receipt #: N/A

City Clerk/Administrator Signature: [Signature] Date: 2/10/2023

☒ Approve ☐ Denied Notes: _____

Police Chief Signature: E. [Signature] Date: 02/09/2023

☒ Approve ☐ Denied Notes: _____

Fire Chief Signature: [Signature] Date: 2/28/23

☒ Approve ☐ Denied Notes: _____

DPW Signature: [Signature] Date: 02/13/2023

☒ Approve ☐ Denied Notes: _____

Parking Signature: [Signature] Date: 02/13/23

☒ Approve ☐ Denied Notes: TAYLOR REQUESTED WAIVER OF PARKING FEES.

10 STALLS * \$40.00 = \$400.00

Harbormaster Signature: _____ Date: _____

☐ Approve ☐ Denied Notes: _____

Tier I & Tier II Events Only:

FLR Meeting Date: _____

Council Meeting Date: _____



LAKE GENEVA IMPACT FEE STUDY PRESENTATION

Basics of Impact Fees

- Fee for infrastructure to serve new growth
- Public capital projects
- What they don't cover
 - Operating costs
 - Vehicles
 - Existing deficiencies
 - Excess capacity
 - New growth outside municipality
 - Current law compliance
 - Infrastructure not listed in statutes
- Who you can charge



Requirements for Charging Impact Fees

- Must include the following in a study:
 - Service area
 - Forecast
 - Existing facilities inventory
 - Service standards
 - Future projects
 - Housing affordability
- Developer explanation
- Study available, Class 1 notice
- Public hearing



Requirements for Charging Impact Fees

■ IMPACT FEE =
$$\frac{\text{Portion of Project Costs}}{\text{Growth}}$$

- Portion of project costs
 - How much needed for new growth
- Growth
 - Forecast

Ongoing Requirements

- Annual reports of spending
- Separate accounting
- Refunds after certain time
- Appeals process
- Update study as needed (~5 years)



Other Points and Best Practices

- Impact fees rarely pay for entire project
- Plans are needed for how to pay for the rest
- Debt spreads out cost recovery beyond 8 years



Summary of Proposed Fees

Table 28 - Summary of Impact Fees		
Type of Impact Fee	Residential Dwelling Unit	Nonresidential Development (per 1,000 sq ft)
Proposed Fees		
Parks	\$1,407	N/A
DPW	\$2,393	\$442
Library	\$426	N/A
Sanitary Sewer (per REU)	\$4,103	\$4,103
<u>Water (per REU)</u>	<u>\$2,530</u>	<u>\$2,530</u>
Total of Proposed Fees	\$10,859	\$7,074
Existing Fees		
Water (per REU)	\$1,690	\$1,690
Sewer (per REU)	\$1,865	\$1,865
<u>Parks</u>	<u>\$230</u>	<u>N/A</u>
Total Existing Fees	\$3,785	\$3,555
Increase from Existing Fees	\$7,074	\$3,519
Increase from Existing Fees	187%	99%

Change in Fees

IMPACT FEE = $\frac{\text{Portion of Project Costs}}{\text{Growth}}$

2004 STUDY
WATER FEE = $\frac{\$39,336,596}{23,328} = \$1,690$

2023 STUDY
WATER FEE = $\frac{\$19,920,855}{7,874} = \$2,530$

Forecast

Table 2 - Residential Unit Forecast		
Year	Residences	Change Since 2020
2020	3,862	
2022	3,975	
2027	4,257	282
2032	4,496	521
2037	4,594	619
2042	4,622	647

Table 4: Forecast Incremental Building Floor Area				
Land Use	Development (Acres)	Development (sq ft)	Gross-Floor-Area-to-Total-Area Ratio	Forecast Incremental Building Floor Area (sq ft)
Nonresidential	106	4,617,360	0.25	1,154,340

Forecast

Table 3 - Growth Share

Type of Development	2021 Equalized Value	Share of Total
Residential	\$ 1,219,585,800	75.2%
Nonresidential *	\$ 401,599,200	24.8%
	\$ 1,621,185,000	100.0%

* Nonresidential = Commercial + Manufacturing

Parks

Table 9 - Parks Impact Fees

Residential Unit Growth *		647
Costs Eligible for Impact Fees **	\$	1,014,256
Less Existing Park Fund Balance ***		103,751
Costs to be Charged through Impact Fees	\$	910,504
Recommended Fee per Residential Unit	\$	1,407



DPW

Table 13 - DPW Impact Fees

Projects	Estimated Cost	New Growth	
		Share	New Growth Cost
Traffic Signal at Williams and George Streets	\$ 200,000	100.0%	\$ 200,000
Traffic Signal at Broad and Geneva Streets	200,000	100.0%	200,000
Traffic Signal at Center and Geneva Streets	200,000	100.0%	200,000
DPW Facility Expansion	2,716,875	39.5%	1,072,099
Salt Shed Expansion	300,000	10.3%	30,765
Purchases of Land Adjacent to Curent Facilities for Expansions	900,000	39.5%	355,147
Costs to be Charged through Impact Fees	\$ 4,516,875		\$ 2,058,010
Residential Forecast			
New Residential Units	647		
Recommended Fee per Residence	\$ 2,393		
Nonresidential Forecast			
Forecast Incremental Building Floor Area (sq ft)	Recommended Fee per 1,000 Sq Ft		
1,154,340	\$	442	
Total Forecast Fees	\$	2,058,010	

Library

Table 18 - Library Impact Fees

Residential Unit Growth		647
New Project Costs	\$	1,002,779
New Growth Share for City Only		27.5%
Costs Eligible for Impact Fees *	\$	275,791
Recommended Fee per Residential Unit	\$	426



Sewer

Table 21 - Sanitary Sewer Impact Fees

New REUs		7,874
Total Project Costs	\$	33,400,720
Less Existing Sanitary Sewer Impact Fee Fund Balance ***		1,092,393
	\$	32,308,327
Impact Fee per REU	\$	4,103

Sewer

	PROPOSED	CURRENT				
Meter Size	Equivalency	Equivalency	PROPOSED Fee	CURRENT Fee	Change	
5/8"	1.0	1	\$ 4,103	\$ 1,865	120%	
3/4"	1.0	1	\$ 4,103	\$ 1,865	120%	
1"	1.6	1.6	\$ 6,565	\$ 2,984	120%	
1.5"	5.7	2.8	\$ 23,387	\$ 5,222	348%	
2"	5.7	4.8	\$ 23,387	\$ 8,952	161%	
3"	14.3	14	\$ 58,673	\$ 26,110	125%	
4"	28.6	40	\$ 117,346	\$ 74,600	57%	
6"	57.1	80	\$ 234,281	\$ 149,200	57%	
8"	77.1	100	\$ 316,341	\$ 186,500	70%	
10"	114.3	152	\$ 468,973	\$ 283,480	65%	

Water

Table 25 - Water Impact Fees

New REUs		7,874
Total Project Costs	\$	20,396,000
Less Existing Water Impact Fee Fund Balance ***		475,145
	\$	19,920,855
Impact Fee per REU	\$	2,530

Water

Meter Size	PROPOSED	CURRENT	PROPOSED Fee	CURRENT Fee	Change
	Equivalency	Equivalency			
5/8"	1.0	1	\$ 2,530	\$ 1,690	50%
3/4"	1.0	1	\$ 2,530	\$ 1,690	50%
1"	1.6	1.6	\$ 4,048	\$ 2,704	50%
1.5"	5.7	2.8	\$ 14,421	\$ 4,732	205%
2"	5.7	4.8	\$ 14,421	\$ 8,112	78%
3"	14.3	14	\$ 36,179	\$ 23,660	53%
4"	28.6	40	\$ 72,358	\$ 67,600	7%
6"	57.1	80	\$ 144,463	\$ 135,200	7%
8"	77.1	100	\$ 195,063	\$ 169,000	15%
10"	114.3	152	\$ 289,179	\$ 256,880	13%

Next Steps

- Present to City Council
- Council directs public hearing to be held
- Class 1 notice published 20 or more days before hearing; study made available to public at same time
- Public hearing held
- City Council can adopt fees through revised ordinance



Questions?

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Public Facilities Needs Assessment and Impact Fee Study



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Lake Geneva, WI 53147

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Public Facilities Needs Assessment and Impact Fee Study

March 2, 2023



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PUBLIC FACILITIES NEEDS ASSESSMENT AND IMPACT FEE STUDY

PURPOSE AND BACKGROUND

Impact fees are designed to recover the costs of public facilities needed to serve new growth. The city of Lake Geneva (Lake Geneva) enacted impact fees in 2004, and since then, it has met some of the needs created by new growth.

This study by Ruekert & Mielke, Inc. (R/M) and Lake Geneva updates the existing fees for the parks and recreation facilities, the water system facilities, and the sanitary sewer system facilities. It proposes adding fees for department of public works facilities and library facilities.

This study is a public facility needs assessment under Wisconsin Statutes § 66.0617(4). This study develops and recommends impact fees that comply with the impact fee standards in Wis. Stat. § 66.0617(6).

State statutes grant much latitude to municipalities in how they spend impact fee funds. As the footnotes to Wis. Stat. § 66.0617 explain, the law “allows a municipality to impose impact fees for a general type of facility without committing itself to any particular proposal before charging the fees.”

Therefore, the level of detail provided in prior studies is not needed in this current study and may even give the impression that Lake Geneva does not have flexibility in its spending of impact fee funds. The footnotes to the statutes make explicit that a “municipality must be allowed flexibility to deal with the contingencies inherent in planning.” The project details in this study represent Lake Geneva’s best planning at this time, but Lake Geneva reserves its statutory right to alter its planning to best suit evolving needs after this study is finished.

As required by the Wisconsin statutes, each section contains an inventory of existing facilities, a list of future projects, the service standards, existing deficiencies, and the calculation of the impact fee. The study also contains the required analysis on the effect of the impact fees on housing affordability.

Before this impact fee study was created, a feasibility analysis was conducted to determine whether to conduct a full impact fee study for facilities that currently do not have impact fees. This analysis includes detailed explanations of impact fees, examples, and best practices. This analysis can be found in Appendix A.

GENERAL

The growth forecast and service area give a common framework for developing impact fees for specific facility types.

Growth Forecast

Lake Geneva’s comprehensive plan based its residential forecast on the Wisconsin Department of Administration’s (DOA) forecast. The table below starts with 2020 population because of the

reliability of US Census data, and then it applies the same annual growth rate as the DOA's 2020 to 2040 forecast for the period of 2022 to 2042. Since the 20-year growth remains the same, the net increase is also the same with 790 people in this forecast.

Table 1 - Population Forecast		
Year	Residential Population	Change Since 2022
2020	8,227	
2022	8,304	
2027	8,502	198
2032	8,699	395
2037	8,897	593
2042	9,094	790

The 2020 number of residential units below comes from US Census data divided by the average number of people per household per the US Census (2.13), rounded to the nearest whole number. To determine the total number of future housing units, the comprehensive plan included a forecast of seasonal residences. Since those units require infrastructure to serve them, they are included in the forecast numbers below. This forecast for 2022 to 2042 assumes the same net change in housing units as the comprehensive plan does for 2020 to 2040.

Table 2 - Residential Unit Forecast		
Year	Residences	Change Since 2020
2020	3,862	
2022	3,975	
2027	4,257	282
2032	4,496	521
2037	4,594	619
2042	4,622	647

This forecast assumes an annual growth rate for residential units of approximately 0.8 percent. If Lake Geneva grows at a significantly higher or lower rate, especially over the course of several years, Lake Geneva should update its impact fees to reflect this change.

The housing-unit forecast is used to calculate fees that are charged to residential development. To divide new-growth costs between residential and nonresidential development, equalized values have been used. The equalized values from the 2021 Statement of Changes in Equalized Values from the Wisconsin Department of Revenue determine the allocation of costs between residential and non-residential development.

Public Facilities Needs Assessment and Impact Fee Study

Table 3 - Growth Share		
Type of Development	2021 Equalized Value	Share of Total
Residential	\$ 1,219,585,800	75.2%
Nonresidential *	\$ 401,599,200	24.8%
	\$ 1,621,185,000	100.0%

* Nonresidential = Commercial + Manufacturing

Since residential development is approximately three-quarters of the equalized value, approximately three-quarters of the cost of new-growth projects are allocated to residential housing units, with the remainder allocated to nonresidential development. (This cost allocation between residential and nonresidential development pertains only to facilities that serve both kinds of development. This cost allocation would not apply to facilities that serve only residential development, such as libraries.)

To allocate certain costs among the industrial, institutional, and commercial developments, a forecast of incremental building space was created. Nonresidential development would be charged a cost per square foot of gross building area. First, total nonresidential development was taken from row F in Figure 5.7 of the City's comprehensive plan, which shows a net increase of 106 nonresidential acres from 2020 to 2040. The 106 acres is then converted to square footage by multiplying it by 43,560, which yields approximately 4.6 million square feet. To convert total square footage to gross floor area, the 4.6 million square feet is multiplied by the gross-floor-area-to-total-area ratio, which is 0.25. This ratio comes from the City's zoning ordinance and is called the Max Floor Surface Ratio there. Applying this ratio yields a total forecast of building floor area of approximately 1.15 million square feet for the next 20 years.

Table 4: Forecast Incremental Building Floor Area				
Land Use	Development (Acres)	Development (sq ft)	Gross-Floor-Area-to-Total-Area Ratio	Forecast Incremental Building Floor Area (sq ft)
Nonresidential	106	4,617,360	0.25	1,154,340

This square footage will be used in later sections to determine a cost per square foot for nonresidential development.

Service Area

Wis. Stat. § 66.0617(4)(a)2 requires Lake Geneva to base impact fees on an explicitly identified service area. The service area for this study is the entire city of Lake Geneva. This area includes any areas that Lake Geneva annexes within the forecast period.

PARKS AND RECREATION FACILITIES

Lake Geneva plans to continue to impose impact fees to fund parks and recreation facilities described in the 2004 impact fee study.

The inventory of city-owned parks in the table below comes from Section 2.7 of Lake Geneva's Comprehensive Outdoor Recreation Plan (CORP).

Table 5 - Parks Inventory			
Nature Preserves	Area (Acres)	Mini Parks	Area (Acres)
Fermano Park	6.4	Oak Hill Tot Lot	0.1
Dodge Water Tower Pond Park	2.7	Westgate Tot Lot	0.7
Donian Wetland Preserve	4.1	Subtotal	0.8
Edgewood Hills Park	3.2		
Mary Koutsky Four Season Nature Preserve	66.7	Special Use Parks	Area (Acres)
Hidden Woods	12.0	Lake Geneva Bocce Ball Park	0.5
Home Depot Park	4.4	Riviera Beach and Plaza	2.1
Mill Park	3.0	White River Park	39.7
Price-Fremont Park	4.6	Subtotal	42.3
Subtotal	107.1		
		Community Parks	Area (Acres)
		Dunn Field	14.1
Neighborhood Parks	Area (Acres)	Library/Elm Park	7.1
Cobb Park	4.9	Veterans Park	25.0
Flat Iron Park	1.8	Subtotal	46.2
Rushwood Park	3.3		
Seminary Park	3.0		
Subtotal	13.0	Grand Total (Acres)	209.4

Lake Geneva recently purchased the 190.4-acre Hillmoor Golf Course. It is also included in Lake Geneva's park inventory, although it is undeveloped; i.e., facilities will need to be added to develop it into parkland.

The CORP identifies two regional existing deficiencies in Section 5.2, which are features that need to be added to specific areas in Lake Geneva underserved by parks. One is identified as Site A, parcel ZSR 0169, a 43.4-acre forested site owned by Lake Geneva. The CORP recommends adding public access, a multi-use path, and perhaps mountain-biking trails or a pump track to Site A. Another area is identified as Site B, an area that is underserved by all the park types. The plan recommends adding a neighborhood park. Since they are existing deficiencies, neither of these can be funded with impact fees.

The CORP also identifies other specific areas where parkland is needed to meet the needs of future growth. One is referred to as Site C, an area where residential growth is expected to occur. The CORP recommends a community park being developed there, one that includes a cricket field. The CORP also recommends that Lake Geneva purchases more land "adjacent to existing parks" and that "could be used to expand recreational opportunities" as the population grows. However, the CORP recommends that Lake Geneva gains new land for parks through its parkland dedication policy (Section 66-97(a)(1) of Lake Geneva's subdivision ordinance) and through fees in lieu of land dedication.

The CORP does recommend funding the development of parkland facilities through impact fees, and this study incorporates that recommendation. Facilities for parks include the buildings, parking lots, contouring, landscaping, and structures such as playgrounds and sports fields needed to provide residents with amenities that are comparable to ones at the existing parks.

Developing parkland does include adding facilities at the recently purchased Hillmoor Golf Course. Section 6.1 of the CORP identifies a cost of \$1,437 per housing unit to meet the future parkland-development needs. Since this plan was created a year ago, this amount was adjusted based on the Consumer Price Index (CPI) to capture the effect of inflation, which has been significant recently, topping 9 percent per year. The adjusted cost per housing unit is approximately \$1,567. The adjusted cost per housing unit was multiplied by the number of forecast dwelling units from Table 2 to produce the cost below.

Table 7 - Future Parks Projects	
Project	Cost
Develop Parkland (approx. 20 acres)	\$ 1,014,256

Table 6.3 from the CORP includes costs for recommended park improvements. Most of these are to rectify existing deficiencies such as providing ADA-compliant facilities while others are identified as likely to be funded from other sources such as Knowles-Nelson Stewardship grants, so their costs are not included in the amount to be recovered through impact fees.

Section 4.1 of the CORP defines Lake Geneva's standard for parkland as the ratio of population to parkland. Using the current population of 8,304 and the current inventory of 209.4 acres produces a service standard of 25.2 acres per 1,000 residents. Applying that standard to the forecast population produces a Future Goal of 229.3 acres, which indicates a need for approximately 20 acres of new parkland. Since there are no existing deficiencies on a city-wide basis, and the projected future parkland purchases and development do not exceed the total forecast need, the entire cost of these projects can be attributed to new growth. The standard for developing parkland uses all the preceding assumptions in this paragraph.

Table 8 - Service Standards for New Parks Projects					
Category	Service Standard (acres per 1,000 Population)	Current Population	Current Goal (acres)	Future Population Estimate	Future Goal (acres)
Developed Parkland (acres)	25.2	8,304	209.4	9,094	229.3
Category	Current Inventory (acres)	Current Deficiency (acres)	Additions (acres)	New Growth Additions (acres)	Portion Eligible for Impact Fees
Developed Parkland (acres)	209.4	-	19.9	19.9	100.0%

The existing park impact fee fund balance of approximately \$100,000 must be subtracted from the costs eligible for impact fees because Lake Geneva has already collected funds to be spent on parks for new growth but not spent those dollars. The net cost of approximately \$900,000 can then be divided by the forecast number of residential unit growth to determine a fee per new residential unit. (The costs for parks can be recovered only from residential development because nonresidential development does not directly benefit from parks.) See table below.

Table 9 - Parks Impact Fees		
Residential Unit Growth *		647
Costs Eligible for Impact Fees **	\$	1,014,256
Less Existing Park Fund Balance ***		103,751
Costs to be Charged through Impact Fees	\$	910,504
Recommended Fee per Residential Unit	\$	1,407

* Source: Table 2

** Source: Table 7

*** Source: City staff

Despite reducing projected costs for new parks by approximately \$4 million from the 2004 study, the new fee would be a substantial increase over the current fee of \$230. That is because the forecast for residential equivalent units was set at over 23,000 in the prior study. In other words, while the net cost has declined substantially, it would be spread out among far fewer residential units. However, R/M believes the residential forecast in this study is more accurate given the development possibilities within Lake Geneva.

DEPARTMENT OF PUBLIC WORKS FACILITIES

Lake Geneva does not have impact fees for its Department of Public Works (DPW) facilities, but it has several needs for which it could impose impact fees to meet the needs of new growth. The table below provides the inventory for the DPW.

Table 10 - DPW Facilities Inventory

45 Miles of Roadways
Street Lighting
Traffic Signals located Downtown, Edwards Blvd, Hwy 12 ramps, and Interchange North
City Storm Sewer System
City Owned Sidewalks
City Bike Trail System
Riviera Ballroom
Riviera Beach
Boat Launch
Oak Hill Cemetery
Pioneer Cemetery
21 City Parks and Natural Areas
22 Public Restrooms
230+ Garbage Receptacles
Geneva Lake Lakefront
Approximately 7,000 trees
DPW Main Shop & Office Building Space (18,000 square feet)
DPW Repair Shop Building Space (5,000 square feet)
Building 3 -- off-season equipment storage, paint booth, & sign shop (17,000 square feet)
Salt Shed (1,575 square feet)

The DPW has several impending projects that will be used to meet the needs of new growth. These future projects are listed below, along with their estimated costs.

Table 11 - Proposed DPW Projects

Project	Size (square feet)	Cost Estimates
Traffic Signal at Williams and George Streets		\$ 200,000
Traffic Signal at Broad and Geneva Streets		200,000
Traffic Signal at Center and Geneva Streets		200,000
DPW Main Shop Expansion (10,000 square feet addition)	10,000	1,552,500
DPW Repair Shop Expansion (5,000 square feet addition)	5,000	776,250
DPW Office Expansion (1,500 square feet addition)	1,500	388,125
Salt Shed Expansion (2,500 square feet addition)	2,500	300,000
Purchases of Land Adjacent to Current Facilities for Expansions		900,000
Total		\$ 4,516,875

The cost estimates are based on industry sources and DPW experience.

The basis for the service standards depends on the type of project. For traffic signals, the standard is based on what is referred to as Warrant #1 in a manual produced by Wisconsin's Department of Transportation (WisDOT), the Wisconsin Manual on Uniform Traffic Control Devices. This warrant lays out minimum traffic volumes to determine whether a signal is needed. In the case of a main street, at least 600 vehicles per hour for at least 8 hours is the threshold, whereas for side streets, at least 200 vehicles per hour is the threshold. The warrant also provides criteria for a signal if high traffic volume on the major street does not allow enough gaps for side-street traffic. The minimum thresholds for at least 8 hours are 900 vehicles per hour for main streets and 100 vehicles per hour for side streets. According to the traffic counts

from WisDOT's Traffic Counts website, none of these thresholds has been met for any of the streets at the intersections where a traffic light is being proposed, but the DPW anticipates that development will increase traffic above these thresholds within the next 20 years at these three intersections. Therefore, this cost is eligible for impact fees.

The standards for both the DPW facility space and the salt shed are based on the expertise of Lake Geneva staff, expressed in a ratio of square feet of facility space to population. The DPW facility space for the main shop, the repair shop, and the office are grouped together into one standard. The analysis that uses these standards shows that there are no Existing Deficiencies with the current facilities, but only some of the proposed Additions can be attributed to new growth during the forecast period. The share of each project that can be recovered through impact fees is the New Growth Share percentage in the lower right of the table.

Table 12 - DPW and Salt Shed Facility Service Standards					
Category	Standard for per 1,000				
	Residences	Current Residences	Current Goal		
DPW Facility Space (sq ft)	10,063	3,975	40,000		
Salt Shed (sq ft)	396	3,975	1,575		
Facility	Inventory	Existing Deficiency	Additions	Additions to Meet	
				Future Needs *	New Growth Share
DPW Facility Space (sq ft)	40,000	-	16,500	6,511	39.5%
Salt Shed (sq ft)	1,575	-	2,500	256	10.3%

* Excludes portion of projects that exceeds standards

The next table provides the calculation of the impact fees. It draws the estimated costs from the table above on the proposed projects. The New Growth Share is one hundred percent for the traffic signals. The New Growth Share for the DPW facility and salt shed come from the table above. Since the land will be used for the DPW facility space, the same standard was applied to determine what percent of the land is eligible for impact fees, which is approximately 39.5 percent. The estimated cost is multiplied by the New Growth Share for each project to produce the New Growth Cost, which is then totaled for all the projects. This total is the cost to be recovered through impact fees. Unlike park and library fees, fees for the DPW can be recovered from nonresidential development, so the total recoverable cost is split between residential and nonresidential growth. This percentage split comes from Table 3. Then for residences, the total to be recovered from each residence is determined by dividing the residential share of costs by the forecast number of residential units, which comes from Table 2. For nonresidential development, the charge per 1,000 square feet of building floor area comes from dividing the nonresidential share of costs by the total forecast incremental building floor area, which comes from Table 4 above.

Public Facilities Needs Assessment and Impact Fee Study

Table 13 - DPW Impact Fees			
	Estimated Cost	New Growth Share	New Growth Cost
Traffic Signal at Williams and George Streets	\$ 200,000	100.0%	\$ 200,000
Traffic Signal at Broad and Geneva Streets	200,000	100.0%	200,000
Traffic Signal at Center and Geneva Streets	200,000	100.0%	200,000
DPW Facility Expansion	2,716,875	39.5%	1,072,099
Salt Shed Expansion	300,000	10.3%	30,765
Purchases of Land Adjacent to Current Facilities for Expansions	900,000	39.5%	355,147
Costs to be Charged through Impact Fees	\$ 4,516,875		\$ 2,058,010
Share of Costs	%	\$	
Residential	75.2%	\$ 1,548,200	
Nonresidential	24.8%	509,809	
Total	100.0%	\$ 2,058,010	
Residential Forecast			
New Residential Units	647		
Recommended Fee per Residence	\$ 2,393		
Subtotal Forecast Residential Fees	\$ 1,548,200		
Nonresidential Forecast			
	Recommended Fee per		
Forecast Incremental Building Floor Area (sq ft)	1,000 Sq Ft		
1,154,340	\$ 442		
Subtotal Forecast Nonresidential Fees	\$ 509,809		
Total Forecast Fees	\$ 2,058,010		

If Lake Geneva proceeds with these fees, it will need to fund part of the costs for the DPW facility expansion, salt shed expansion, and land acquisition from other sources.

LIBRARY FACILITIES

The library serves thousands of people inside Lake Geneva and thousands more outside the city. In fact, most registered borrowers live outside the city limits. The table below shows circulation for the library split by city versus non-city use. 2019 data was used due to the pandemic.

Table 14 - Library Use		
Circulation		
City resident circulation	72,233	51%
Non-city resident circulation	69,261	49%
Total circulation	141,494	100%

The 2004 report noted that the library may expand at some future date but did not provide further analysis. The table below provides an inventory of the library at present.

Table 15 - Library Facility Inventory	
	Area (Square Feet)
Library Facility Space	15,400

The standards that are explained later in this section were used to size the future facility, which is assumed to be a smaller, satellite location used to supplement the current facility. The cost is based on average industry costs per foot.

Table 16 - Library Facility Capital Projects		
Project: Library Satellite Location	Area (Square Feet)	Cost
Facility Space	4,616	\$ 984,844

The Wisconsin Department of Public Instruction's (DPI's) Public Library Space Needs document is typically used as the standard for library facility space. This document provides detailed information to determine how much space is needed based on the total need from books, periodicals, reader seating, staff workspace, general meeting room space, special-use space, and more.

The following table uses the DPI standards to determine the total facility space needed, both now and at the end of the forecast period. The total facility space needed is based on the total population served. The standards first look at how many holdings the facility should have, and then how much space is needed because of those holdings. Then the standards are used to determine how much general space, special-use space, and non-assignable space is needed. These subtotals are added together as Total Gross Area Needed. Then it is compared to the existing Inventory. Since more space is needed than what the facility currently has, there is an Existing Deficiency of approximately 2,376 square feet. The Existing Deficiency is subtracted from the Future Project to determine Future Need. The New Growth Share is the Future Need divided by Future Project. The City Share of New Growth is the New Growth Share multiplied by the percentage of the facility that will serve Lake Geneva's population (approximately 56 percent).

Public Facilities Needs Assessment and Impact Fee Study

Table 17 - Library Service Standards				
		City	Outside City	Total
Current Population Served		8,304	6,610	14,914
Future Population Served *		9,094	7,256	16,350
Type of Holding	Holding Standard **	Standard Unit	Recommended Current Holdings	Recommended Future Holdings
Book Volumes	3.5	per person	52,199	57,225
Periodicals	9.3	per 1,000 people	139	152
Audio Recordings	0.22	per person	3,281	3,597
Video Recordings	0.48	per person	7,159	7,848
Collection	Standard ***	Standard Unit	Recommended Current Space (sq ft)	Recommended Future Space (sq ft)
Books	0.1	sq ft / volume	5,220	5,723
Periodicals (display)	1	sq ft / title	139	152
Audio and Video	0.1	sq ft / item	328	360
Subtotal Collection Space			5,687	6,234
General Space				
Reader Seating	0.086	sq ft / seat (2.87 seats per 1,000 pop)	1,284	1,408
Staff Work Space	125	sq ft / workstation	1,000	1,500
General Meeting Room Space	0.086	sq ft / seat (2.87 seats per 1,000 pop)	1,284	1,408
Subtotal General Space			7,971	9,142
Special Use	0.17	1 sq ft / 6 sq ft of general space	1,328	1,524
Total Assignable Space			9,299	10,666
Subtotal Non-assignable Space	0.30	3 sq ft / 10 sq ft of assignable space	2,790	3,200
Total Gross Area Needed		sq ft	17,776	20,100
Inventory		sq ft	15,400	
Existing Deficiency		sq ft	2,376	
Future Project		sq ft	4,700	
Future Need		sq ft	2,324	
New Growth Share			49%	
City Share of New Growth			56%	
New Growth Share for City Only			27.5%	

* Future population outside of City grown at same rate as rate within City (appr. 10%)

** Based on Public Library Space Needs: A Planning Outline, Wisconsin Department of Public Instruction, 2009.

*** Based on Public Library Space Needs: A Planning Outline, Wisconsin Department of Public Instruction, 2018.

To create an impact fee, the portion of the new facility eligible for being charged to new growth within the city – approximately 28 percent of the total cost – is divided by the number of new residential units in the forecast period, which comes from Table 2.

Table 18 - Library Impact Fees		
Residential Unit Growth		647
New Project Costs	\$	1,002,779
New Growth Share for City Only		27.5%
Costs Eligible for Impact Fees *	\$	275,791
Recommended Fee per Residential Unit	\$	426

If Lake Geneva proceeds with these fees, it will need to fund the remaining 72 percent from other sources. If Lake Geneva were to proceed with a significantly different plan, then the fees should be updated to reflect those changes.

SANITARY SEWER SERVICE FACILITIES

Lake Geneva plans to continue to impose impact fees to fund facilities improvements for the sanitary sewer utility. It began charging these fees in 2004.

The inventory for the sanitary sewer utility includes the pumping stations and interceptors listed below. The interceptors range in size from 8 to 21 inches in diameter, and they are made of a variety of materials, including PVC, clay, reinforced concrete pipe, and vitrified clay pipe.

Table 19 - Sanitary Sewer Inventory	
Pumping Station	Firm Capacity (gallons/minute)
LaGrange Drive	100
Country Club Drive	143
Covenant Harbor	105
Edgewood Hills	150
Geneva Bay	108
Mariane Terrace	100
Maxwell Street	50
Bigfoot	325
Pioneer Estates	198
Location of Existing Interceptors	
Dodge Street	
East	
George Street	
Lake North Central	
Lake North	
Lake Shore Drive	
North	
Wastewater Treatment Facility	
Parameter	Design Capacity
Ave. Monthly Flow Rate (Million Gallons/Day)	2.5
Peak Hourly Flow Rate (Million Gallons/Day)	5.2
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400

The utility owns and operates all the collector mains throughout Lake Geneva that feed into the interceptor mains listed above. These collector mains are typically 8 inches in diameter. The utility owns and operates the wastewater treatment facility (WWTF) at the east end of Haskins Street. The WWTF contains influent screening, a grit removal system, influent submersible pumping, organic treatment in an oxidation ditch, two 65-foot diameter suction header type clarifiers, a 20-inch force main, and seepage cells in the far eastern section of Lake Geneva. Appendix B, the Utilities Impact Fee Technical Memorandum, provides more detail on the existing sanitary sewer system facilities.

The utility will have to undertake several projects to meet the needs of new growth due to increased flow and pollutants. These projects include numerous changes at the WWTF additional interceptor sewers and force mains, upgrades to existing pump stations, and the addition of 9 new pumping stations. Figure 6 in Appendix B shows the locations of the proposed projects. The list below comes from Table 25 of the technical memo. The design parameters for each of the

Public Facilities Needs Assessment and Impact Fee Study

items are used as the standards, and these parameters come from the text in Section 5 of the technical memo.

Number	Item	Standard	Unit	Quantity	Unit Price	Total
WWTF						
1	Screen Equipment Mechanical and Electrical	Peak Hourly Flow Rate	EA	1	\$325,000	\$325,000
2	Screenings Washer and Compactor Equipment Mechanical and Electrical	Peak Hourly Flow Rate	EA	1	\$130,000	\$130,000
3	Grit Removal Paddle, Motor, VFD and Controls	Peak Hourly Flow Rate	LS	1	\$35,000	\$35,000
4	Influent Pumping - Replace End Pumps With 25 Hp, 1,200 GPM Pumps at 51 Ft. TDH. Update	Peak Hourly Flow Rate	EA	2	\$65,000	\$130,000
5	Influent Pumping - Replace End Pump Discharge Piping From 6-Inch to 10-Inch	Peak Hourly Flow Rate	LS	1	\$13,000	\$13,000
6	Influent Pumping - Replace End Pump Discharge Piping Tees at Main Header	Peak Hourly Flow Rate	EA	2	\$5,000	\$10,000
7	Influent Pumping - Replace Middle Pump Impeller To Get 900 GPM Pumps at 51 Ft. TDH.	Peak Hourly Flow Rate	EA	1	\$6,000	\$6,000
8	Influent Pumping - Replace Middle Pump To Get 900 GPM Pumps at 51 Ft. TDH.	Peak Hourly Flow Rate	EA	1	\$38,000	\$38,000
9	FOG Tank - Excavation and Backfill	TSS Treatment Capacity	LS	1	\$18,000	\$18,000
10	FOG Tank - Concrete	TSS Treatment Capacity	CY	60	\$1,200	\$72,000
11	FOG Tank - Skimmer	TSS Treatment Capacity	LS	1	\$80,000	\$80,000
12	FOG Tank - Electrical and Controls	TSS Treatment Capacity	LS	1	\$40,000	\$40,000
13	FOG Tank - Mechanical Connections and Valves	TSS Treatment Capacity	LS	1	\$30,000	\$30,000
14	FOG Tank - Misc. Metals and Grating	TSS Treatment Capacity	LS	1	\$45,000	\$45,000
15	Oxidation Ditch - New Aerators	BOD Treatment Capacity	LS	1	\$405,000	\$405,000
16	Splitter Box Weir Replacement	Peak Hourly Flow Rate	EA	2	\$8,000	\$16,000
17	Final Clarifier - Stamford Baffles	TSS Treatment Capacity	EA	2	\$42,000	\$84,000
18	Final Clarifier - Baffle System at Feedwell	TSS Treatment Capacity	EA	2	\$62,000	\$124,000
19	Effluent Pumps - Replace Bowl Assembly to Increase Pump Output to 2,400 GPM. Increase Motor Size to 100 Hp. Add VFDs and Update Controls	Peak Hourly Flow Rate	LS	3	\$68,100	\$204,300
20	Biosolids Volute Press and Dryer - Demolition, Equipment, and Mechanical	BOD Treatment Capacity	LS	1	\$3,224,000	\$3,224,000
21	Biosolids Volute Press and Dryer - Electrical and Controls	BOD Treatment Capacity	LS	1	\$170,000	\$170,000
22	Biosolids Volute Press and Dryer - Building Updates (Internal Walls, Lighting, HVAC)	BOD Treatment Capacity	LS	1	\$130,000	\$130,000
SUBTOTAL						\$5,329,300
SUBTOTAL PRORATED						\$4,976,220
Interceptors Gravity Sewers						
23	Lake Shore Drive Interceptor Sewer - 12" Sewer Main	Peak Hourly Flow Rate	LF	2,800	\$275	\$770,000
24	East Interceptor Sewer - 24" Sewer Main	Peak Hourly Flow Rate	LF	11,200	\$400	\$4,480,000
25	East Interceptor Sewer - 30" Sewer Main	Peak Hourly Flow Rate	LF	6,700	\$450	\$3,015,000
26	Dodge St Interceptor Sewer - 12" Sewer Main	Peak Hourly Flow Rate	LF	8,300	\$275	\$2,282,500
SUBTOTAL						\$10,547,500
Pumping Stations and Force Mains						
27	S Lakeshore Dr Lift Station (468 gpm)	Peak Hourly Flow Rate	LS	1	\$730,000	\$730,000
28	S Lakeshore Dr - 6" Force Main	Peak Hourly Flow Rate	LF	3,400	\$130	\$442,000
29	Townline Rd Lift Station (268 gpm)	Peak Hourly Flow Rate	LS	1	\$630,000	\$630,000
30	Townline Rd - 6" Force Main	Peak Hourly Flow Rate	LF	1,300	\$130	\$169,000
31	McDonald Rd Lift Station (122 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
32	Grandview Dr Lift Station (108 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
33	Lake Forest Cir Lift Station (99 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
34	Sheridan Springs Rd Lift Station (67 gpm)	Peak Hourly Flow Rate	LS	1	\$500,000	\$500,000
35	North State Rd 120 - Lift Station (675 gpm)	Peak Hourly Flow Rate	LS	1	\$790,000	\$790,000
36	North State Rd 120 - 8" Force Main	Peak Hourly Flow Rate	LF	2,700	\$150	\$405,000
37	Park Dr Lift Station (152 gpm)	Peak Hourly Flow Rate	LS	1	\$560,000	\$560,000
38	South State Rd 120 - Lift Station (756 gpm)	Peak Hourly Flow Rate	LS	1	\$800,000	\$800,000
39	South State Rd 120 - 8" Force Main	Peak Hourly Flow Rate	LF	2,200	\$150	\$330,000
40	Bigfoot Lift Station Lift Station - Upgrade to 516 gpm	Peak Hourly Flow Rate	LS	1	\$730,000	\$730,000
41	Pioneer Estates Lift Station - Upgrade to 1,072 gpm	Peak Hourly Flow Rate	LS	1	\$920,000	\$920,000
42	Pioneer Estates Lift Station - 10" Force Main	Peak Hourly Flow Rate	LF	3,300	\$170	\$561,000
SUBTOTAL						\$9,217,000
ALL PROJECTS SUBTOTAL						\$24,740,720
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$8,660,000
TOTAL PROJECT COSTS						\$33,400,720
ALL PROJECTS SUBTOTAL PRORATED						\$24,387,640
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$8,660,000
TOTAL PROJECT COSTS PRORATED						\$33,047,640

The technical memo projects future flow and pollutant loadings based on Lake Geneva's comprehensive plan for land development. In Table 27 of the technical memo, 27 different areas are analyzed to develop a total forecast that was then used to develop the list of recommended projects. Section 2.6 of the technical memo analyzes the current capacity of the wastewater treatment system, and it identified one existing deficiency. Most of the capacity for a second identical screen in the treatment facility provides needed redundancy, so only approximately 22 percent of the cost for items 1 and 2 are included in the prorated subtotal. This prorated subtotal is used to calculate the total eligible cost that can be recovered through impact fees. The rest of

the proposed projects have been sized to accommodate the demand projected to occur during the forecast period, so the full amount of these project costs is eligible for impact fees.

To calculate the impact fee, the number of residential equivalent units (REUs) must be determined. Since sewer use generally parallels water use, and the average residential water demand is known due to metering, the water forecast is used to determine the number of sanitary-sewer REUs during the forecast period. The increase of over 800,000 gallons of water demand per day needs to be compared to current residential consumption. Dividing the annual residential demand by the number of customers and then by the number of days in the year yields the current average residential daily demand. Dividing the forecast incremental demand by the residential daily demand yields the number of new REUs. The impact fee can then be calculated by dividing the total eligible sanitary sewer project costs by the number of new REUs. The balance in the sanitary sewer impact fee fund must first be deducted from the project costs, however, because this amount is money Lake Geneva has collected but not yet spent on sanitary sewer projects to serve new growth.

Table 21 - Sanitary Sewer Impact Fees		
Residential Demand (gallons) *		159,873,000
Residential Customers *		4,150
Average Daily Demand (gallons)		106
Forecast Incremental Daily Increase (gallons) **		831,104
New REUs		7,874
Total Project Costs	\$	33,400,720
Less Existing Sanitary Sewer Impact Fee Fund Balance ***		1,092,393
	\$	32,308,327
Impact Fee per REU	\$	4,103

* Source: 2021 PSC Annual Report, Schedule W-2

** Source: Appendix B, Table 11

*** Source: City Staff

The proposed fee is a substantial increase over the current fee per REU of \$1,865, which was adopted in 2004. Although project costs for new growth are approximately \$10 million less than what they were estimated to be in 2004, the forecast for REUs has declined from approximately 23,000 to approximately 7,900 as shown in Table 21. R/M believes this new forecast is more accurate given the types and quantities of land development that are projected in Lake Geneva's comprehensive plan.

Lake Geneva has imposed sanitary sewer impact fees based on the size of the meter. The table below provides a breakdown of fees based on meter equivalencies calculated using the maximum operating range of the water meters within Lake Geneva's system. These

equivalencies resemble the ones calculated off actual average water use at each meter size. The proposed equivalencies are in some cases higher than the current equivalencies, but the proposed equivalencies are most reflective of both actual use and potential use for each meter size.

Table 22 - Sanitary Sewer Impact Fees by Meter Size		
Meter Size	Meter Equivalency	Impact Fee
5/8"	1.0	\$ 4,103
3/4"	1.0	\$ 4,103
1"	1.6	\$ 6,565
1.5"	5.7	\$ 23,387
2"	5.7	\$ 23,387
3"	14.3	\$ 58,672
4"	28.6	\$ 117,344
6"	57.1	\$ 234,277
8"	77.1	\$ 316,335
10"	114.3	\$ 468,964

WATER SUPPLY FACILITIES

Lake Geneva plans to continue to impose impact fees to fund facilities improvements for the water utility. It began charging these fees in 2004.

The inventory for the water utility includes the four wells, the booster pumps, the storage facilities, and treatment facilities listed below. The water distribution system has three pressure zones. Water from each well is treated through chlorination and pumped to one of three reservoirs at the treatment site. The water utility's inventory also includes approximately 330,000 feet of main varying in diameter size from 4 inches to 16 inches made of unlined cast iron, PVC, and other materials. Appendix B and the water utility's annual reports to the Public Service Commission both contain more detail on the system.

Public Facilities Needs Assessment and Impact Fee Study

Table 23 - Water Inventory				
Well and Booster Station Pump Capacity				
SUPPLY SOURCE	Supply Capacity		Booster Pump Capacity	
SUPPLY SOURCE	Gallons per minute (gpm)	Millions of gallons per day (MGD)	Gallons per minute (gpm)	Millions of gallons per day (MGD)
HOST PRESSURE ZONE				
Wells				
Well 2	1,000	1.44		
Well 3	1,180	1.70		
Well 4	1,350	1.94		
Well 5	1,400	2.02		
Booster Pumps				
Plant A 1-A			1,800	2.59
Plant A 2-A			1,125	1.62
Plant A 3-A			1,200	1.73
Plant B 1-B			1,000	1.44
Plant B 2-B			1,300	1.87
Total Pumping Supply Capacity	4,930	7.10	6,425	9.25
Less: Largest Supply Unit	1,400	2.02	1,800	2.59
Reliable Supply: Host Pressure Zone	3,530	5.08	4,625	6.66
DODGE PRESSURE ZONE				
Booster Pumps				
Dodge St. Booster Station #1			910	1.31
Dodge St. Booster Station #2			910	1.31
Total Pumping Supply Capacity			1,820	2.62
Less: Largest Supply Unit			910	1.31
Reliable Supply: Dodge Pressure Zone			910	1.31
CENTER PRESSURE ZONE				
Booster Pumps				
Fire Pump ¹			500	0.72
Booster Pump #1			120	0.17
Booster Pump #2			120	0.17
Total Pumping Supply Capacity			240	0.35
Less: Largest Supply Unit			120	0.17
Reliable Supply: Center Pressure Zone			120	0.17
¹ The fire pump is not considered as part of the reliable supply				
Water Storage Capacity				
Storage Facility Name	Description	Capacity (gal)	Year Constructed	Pressure Zone
Tower #1 – Dodge Tower	Elevated Storage Tank	200,000	1970	Dodge
Tower #2 – Host Tower	Elevated Storage Tank	1,500,000	1996	Host
Tower #3 – Center Tower	Elevated Storage Tank	200,000	2006	Center
Reservoir #1	Ground Reservoir	98,750	1917	-
Reservoir #2	Ground Reservoir	160,500	1917	-
Reservoir #3	Ground Reservoir	300,000	1970	-
Water Treatment Capacity				
Treatment Facility	Capacity (gpm)	Capacity (MGD)		
Treatment Plant A				
Filter #1-B	600	0.86		
Filter #2-B	600	0.86		
Filter #3-B	600	0.86		
Treatment Plant B				
Filter #1-A	1,000	1.44		
Total Treatment Capacity	2,800	4.03		
Less: Largest Filter Unit	1,000	1.44		
Reliable Treatment Capacity	1,800	2.59		
Existing Maximum Day Demand	1,660	2.39		
Reliable Treatment Capacity Excess or (Deficit)	140	0.20		

The design parameters, which are here used as service standards, are maximum day demand for supply facilities and treatment facilities while maximum hour demand is used for the distribution facilities that are proposed to meet new growth. The service standard for supply facilities is the total need for equalizing storage, fire storage, and reserve storage. The technical analysis in Appendix B indicates the water main for the Host Tower is undersized for current needs, so this main is an existing deficiency.

With average daily demand projected to increase by over 800,000 gallons, Lake Geneva will need to undertake several projects to meet the needs of new growth. With much growth anticipated in the south and northwest, Lake Geneva needs to create two new pressure zones, which will each require a new booster station. The northwest area will not need additional storage because hydropneumatic tanks could be used to sustain pressure on the system, but it will require pressure reducing vaults to avoid excessive pressures throughout the distribution system. The south area will need a storage tank of 240,000 gallons. New mains will also be required to accommodate the needs of new growth. Figure 5 in Appendix B shows the locations of the proposed projects. These projects have been sized to accommodate the demand projected to occur during the forecast period, so the full amount of the project costs is eligible for impact fees. The exception is the portion of the proposed water main at the Host Tower that is to remedy an existing deficiency; this cost is excluded from the prorated subtotals below. Since mains are sized and priced based on standard increments, the full cost for the Host Tower main is excluded. The cost for one of the pressure reducing vaults is also excluded, not because it is an existing deficiency but because it is assumed that it will be paid for by a developer who elects to develop that particular small region.

Public Facilities Needs Assessment and Impact Fee Study

Table 24 - Water Facility Capital Projects						
Number	Item	Unit	Quantity	Unit Price	Total	
Water Mains and Distribution						
1	10" Water Main - Northwest Area	LF	18,300	\$180	\$3,294,000	
2	14" Water Main - Northeast Area	LF	5,600	\$230	\$1,288,000	
3	10" Water Main - South Area	LF	16,600	\$180	\$2,988,000	
4	12" Water Main - South Area	LF	8,500	\$200	\$1,700,000	
5	14" Water Main - South Area	LF	6,500	\$250	\$1,625,000	
6	18" water mains from the Host Tower	LF	1,400	\$280	\$392,000	
7	12" water mains from the Dodge Booster Station	LF	2,100	\$200	\$420,000	
SUBTOTAL			SUBTOTAL		\$11,707,000	
SUBTOTAL PRORATED			SUBTOTAL PRORATED		\$11,315,000	
Booster Stations and Storage						
7	500 gpm Fire Pump - Dodge Booster Station	EA	1	\$40,000	\$40,000	
8	230,000 gal Elevated Storage Tank - South Pressure Zone	LS	1	\$1,830,000	\$1,830,000	
9	60 gpm Booster Station - South Pressure Zone	LS	1	\$600,000	\$600,000	
10	210 gpm Booster Station - Northwest Pressure Zone	LS	1	\$700,000	\$700,000	
11	Pressure Reducing Vaults - Northwest Area (PRV Zones)	LS	1	\$125,000	\$125,000	
			SUBTOTAL		\$3,295,000	
			SUBTOTAL PRORATED		\$3,170,000	
Treatment System						
12	Filters For Plant B (1,000 gpm)	LS	1	\$430,000	\$430,000	
13	Extra Installation Effort (Knock Out Wall)	LS	1	\$20,000	\$20,000	
14	Process Piping	LS	1	\$115,000	\$115,000	
15	BW Tank	LS	1	\$70,000	\$70,000	
16	BW Pump	LS	1	\$10,000	\$10,000	
17	Vertical Turbine Pumps	EA	2	\$96,000	\$192,000	
18	Suction Piping To Vertical Turbine Pumps	LS	1	\$165,000	\$165,000	
19	Electrical and MCC	LS	1	\$120,000	\$120,000	
20	Chemical Feed Equipment	LS	1	\$18,000	\$18,000	
			SUBTOTAL		\$1,140,000	
			SUBTOTAL PRORATED		\$1,140,000	
ALL PROJECTS SUBTOTAL						\$15,625,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$5,469,000
TOTAL PROJECT COSTS						\$ 21,094,000
ALL PROJECTS SUBTOTAL PRORATED						\$15,108,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$5,288,000
TOTAL PROJECT COSTS PRORATED						\$ 20,396,000

The forecast for demand and REUs is the same as in the sanitary sewer section. The total project cost comes from the table above.

Public Facilities Needs Assessment and Impact Fee Study

Table 25 - Water Impact Fees		
Residential Demand (gallons) *		159,873,000
Residential Customers *		4,150
Average Daily Demand (gallons)		106
Forecast Daily Increase (gallons) **		831,104
New REUs		7,874
Total Project Costs	\$	20,396,000
Less Existing Water Impact Fee Fund Balance ***		475,145
	\$	19,920,855
Impact Fee per REU	\$	2,530

* Source: 2021 PSC Annual Report, Schedule W-2

** Source: Appendix B, Table 11

*** Source: City Staff

The proposed fee is a substantial increase over the current fee of \$1,690, which was adopted in 2004. Although project costs are approximately \$20 million less than what they were estimated to be in 2004, the forecast for REUs has declined from approximately 23,000 to approximately 7,900.

The table below applies the same meter equivalencies as the sewer impact fees to develop impact fees at each meter size.

Table 26 - Water Impact Fees by Meter Size		
Meter Size	Meter Equivalency	Impact Fee
5/8"	1.0	\$ 2,530
3/4"	1.0	\$ 2,530
1"	1.6	\$ 4,048
1.5"	5.7	\$ 14,420
2"	5.7	\$ 14,420
3"	14.3	\$ 36,176
4"	28.6	\$ 72,352
6"	57.1	\$ 144,452
8"	77.1	\$ 195,048
10"	114.3	\$ 289,157

HOUSING AFFORDABILITY

Most households in Lake Geneva find housing affordable. Lake Geneva's median household income of \$59,162 falls below Wisconsin's median household income of \$67,080.

The information above provides context for evaluating the effect of impact fees on housing affordability. The table below shows the annual cost of a \$232,000 home, the estimated average value of a house in Lake Geneva.

Table 27 - Availability of Affordable Housing			
	Without Impact Fees		With Proposed Impact Fees
Home Price	\$	232,000	\$ 242,859
Principal and Interest *	\$	18,509	\$ 19,375
Taxes **	\$	3,967	\$ 4,153
Annual Housing Cost	\$	22,476	\$ 23,528
Annual Income Required ***	\$	74,919	\$ 78,426
Additional Annual Income Required			\$ 3,507
Required Percent Increase			4.7%

* Assumes a 30-year fixed mortgage at 6.9% annual interest

** Assumes the following tax rate: 1.71%

*** Assumes debt payments are no more than 30% of income

SUMMARY AND NEXT STEPS

To fund the facilities needed by growth soon, we recommend revising the City's impact fees. The table below summarizes the proposed fees.

Public Facilities Needs Assessment and Impact Fee Study

Table 28 - Summary of Impact Fees		
Type of Impact Fee	Residential Dwelling Unit	Nonresidential Development (per 1,000 sq ft)
Proposed Fees		
Parks	\$1,407	N/A
DPW	\$2,393	\$442
Library	\$426	N/A
Sanitary Sewer (per REU)	\$4,103	\$4,103
Water (per REU)	\$2,530	\$2,530
Total of Proposed Fees	\$10,859	\$7,074
Existing Fees		
Water (per REU)	\$1,690	\$1,690
Sewer (per REU)	\$1,865	\$1,865
Parks	\$230	N/A
Total Existing Fees	\$3,785	\$3,555
Increase from Existing Fees	\$7,074	\$3,519
Increase from Existing Fees	187%	99%

According to state statute, municipalities must now provide developers with explanations of how the impact fees being collected will be spent. R/M recommends that Lake Geneva provides a written or electronic copy of this study to satisfy this statutory requirement.

To move forward with new impact fees, the following steps need to take place:

- 1) This study is presented to Lake Geneva's City Council.
- 2) The City Council directs that a public hearing be held to hear public comment on this public facilities needs assessment and the proposed impact fees.
- 3) An ordinance is drafted to implement the recommended impact fees.
- 4) A Class 1 notice is published in the newspaper to provide the public 20 days' notice prior to the public hearing as required under Wisconsin Statutes 66.0617(4)(3)(b). The needs assessment must be available 20 days prior to the public hearing to allow the public sufficient time to review.
- 5) A public hearing is held to hear public comment on the needs assessment and the proposed ordinance to impose public facilities impact fees.
- 6) After the public hearing, the City Council may adopt the proposed ordinance as recommended or adopt the ordinance with amendments.

R/M encourages Lake Geneva to periodically update its impact fees to ensure they reflect the best growth forecasts, as well as the best capital cost and project estimates. Revisiting the fees every 3 to 5 years can help a community adjust its plans for new growth to provide the correct level of funding and avoid changing rates as drastically as would be the case if the community waited longer to update its fees.

APPENDIX A: IMPACT FEE FEASIBILITY ANALYSIS

August 30, 2022

To: Lake Geneva City Council
From: Ed Maxwell, M.B.A, and Bridgot Gysbers of Ruekert & Mielke, Inc.
Re: Impact Fee Feasibility Analysis

IMPACT FEES

The following sections explain impact fees, including their purpose, requirements and restrictions on them, a simplified example, and best practices.

Purpose of Impact Fees

Impact fees can provide a needed source of funding for infrastructure. These fees are designed to enact the adage “growth pays for growth.” Their purpose is to charge new development for the infrastructure needed to serve that development. State statutes dictate their use while best practices can help municipalities make the most of these fees and avoid common pitfalls.

Requirements and Restrictions

Requirements to impose impact fees in Wisconsin Statutes § 66.0617 include the following:

- Conduct a public needs assessment that
 - o Defines the service area
 - o Provides service standards to determine the infrastructure needs
 - o Includes an inventory of existing public facilities
 - o Identifies existing deficiencies (lack of facilities for the current population)
 - o Lists facilities needed to serve new growth, along with cost estimates
 - o Estimates the effect of the impact fees on the availability of affordable housing
- Make the public needs assessment available to the public for at least 20 days before the public hearing
- Issue a Class 1 notice about the new public needs assessment
- Hold a public hearing.

To keep imposing impact fees, Wis. Stat. § 66.0617 require the following:

- Explain to developers what the fees will be used for when the fees are collected
- Segregate the funds
- Spend the money only on the capital costs for which the fees were imposed
- Refund the money to the original payer if the money is not spent within 8 years (10 years for sewer infrastructure)
- Specify a procedure within the municipal ordinances for developers to contest the fees.

Impact fees cannot be used for

- Vehicles
- Operation and maintenance expenses
- Infrastructure to serve the needs of the current population (existing deficiencies)
- Infrastructure to serve needs beyond the forecast period
- Infrastructure to comply with current law (e.g. American with Disabilities Act)
- Infrastructure that will serve new growth outside of the municipality
- Facilities that are not listed in Wis. Stat. § 66.017(1)(f)1 such as cemeteries, community centers, and electric utilities.

Other Items of Note

- The cost for land can be included, as can legal, engineering, and design costs for the new public facilities.
- Fees must be reduced proportionate to new funding sources for the same projects. For instance, if the municipality wins a grant or levies a special assessment on a project for which impact fees are being charged, the impact fees should be reduced proportionate to the amount of this new funding.
- Fees must also bear a “rational relationship” to the need for the new public facilities required to serve new development.
- Municipalities can pay debt for new-growth projects with impact fees. That means that the fees can go toward debt payments for the life of the loan.

Example

To illustrate how impact fees are formed, let's look at a simple example. Happyville anticipates a lot of residential growth. To figure out how much developers might pay for parks to serve the new growth, Happyville puts together an impact fee study. Let's say the National Recreation and Park Association recommends 1 acre of parkland per 100 residents. Happyville has 700 residents. That means Happyville should have 7 acres. However, its current inventory for parks is 3 acres. This means Happyville has an existing deficiency of 4 acres.

The growth forecast shows that Happyville will add 300 more residents. Therefore, the future need for the community is a total of 10 acres. Happyville plans to buy 8 acres of land and develop it into parkland. After the land purchase, Happyville will have a total of 11 acres of parks, which is 1 more than what the standard says it needs. The 1 “excess” acre that will serve needs beyond the forecast period cannot be paid for with impact fees. Nor can the 4 acres that will meet an existing deficiency. That means of the 8 acres being purchased, only 3 are eligible to be paid for with impact fees. (8 acres minus 4 acres for an existing deficiency minus 1 “excess” acre = 3 acres.)

Of the total project cost, 37.5 percent is eligible to be paid for with impact fees (3 divided by 8 = 37.5 percent). Each acre is estimated to cost \$100,000 for a total of \$800,000, so \$300,000 can be collected in impact fees.

The impact fee for parks is the eligible project cost divided by the forecast number of new residential units. Happyville anticipates each new home will be occupied by 2 people each. Therefore, there will be 150 new homes in the forecast period. (300 new residents divided by 2 people/home = 150 new homes.) \$300,000 divided by 150 new homes equals an impact fee of \$2,000.

Takeaways and Best Practices

- Impact fees seldom pay for entire projects.
- Thus, municipalities should develop a plan for how to pay for the rest of the projects.
- Otherwise, they may end up not following through on the projects and refunding the money. Issuing refunds may prove very challenging.
- Municipalities should follow through on their plans for serving new growth.
- Debt provides a way for municipalities to spread out the cost recovery for new growth beyond 8 years.
- Certain kinds of impact fees (parks, library) can be charged only to residential development. The rest can be charged to all kinds of development.

FEASIBILITY ANALYSIS

Each section that follows looks at a particular service the City offers, estimates the potential for impact fees, recommends whether to perform a full impact fee study for this service, and explains the recommendation. A full impact fee study would calculate the exact fee that could be charged using a growth forecast, applicable service standard, precise current inventory, and project cost values. The feasibility analysis uses high-level estimates for each of the preceding items to provide an opinion on whether it may be appropriate to implement impact fees, and if so, why and for what facilities.

The last instance that impact fees were evaluated for City services was the January 26, 2004 Impact Fee Needs Assessment and Feasibility Report. The statutes governing impact fees have added numerous requirements since that report was completed.

LIBRARY

The library occupies approximately 14,000 square feet and serves thousands of people inside the City and thousands more outside the City. In fact, most registered borrowers live outside the City limits. The table below shows both circulation and borrowing for the library. 2019 data was used due to the pandemic.

Table 1 - Library Use		
Circulation		
City resident circulation	72,233	51%
Non-city resident circulation	69,261	49%
Total circulation	141,494	100%
Registered borrowers		
City residents	4,626	41%
Non-city residents	6,610	59%
Total borrowers	11,236	100%

The 2004 report noted that the library may expand at some unspecified future date but did not provide further analysis.

The library can offer little in terms of parking, given that it has only 5 30-minute stalls in front of the building. All other parking along Main and Wrigley Streets are paid parking spaces. During the summer, the issue is even worse – sometimes those going to the library cannot find open spaces near the building. For regular daily use, 50 parking spots would be closer to adequate, especially when the library offers programs that draw 100 or more people.

Parking stands out as a significant need. However, it is an existing deficiency. While future growth will likely generate more need, much of this need will not be eligible for impact fees since it will come from people outside the City. At best, a tiny fraction of the cost of parking stalls would be eligible for impact fees. Therefore, Ruekert & Mielke, Inc. (R/M) does not recommend the City explore impact fees for library parking. The City can consider other ways to provide more parking for the library.

Library space itself may merit further investigation. A smaller satellite location could allow the library to grow and offer service in a different part of the City. Another possibility is that the library could include its satellite location in a new public safety

building being considered by the fire and police departments. Such an arrangement may provide significant cost savings. The library is undertaking review and revision of its strategic plan this fall to further explore its facility needs.

The Wisconsin Department of Public Instruction's (DPI's) Public Library Space Needs document is typically used as the standard for library facility space. This document provides detailed information to determine how much space is needed based on the total need from books, periodicals, reader seating, staff workspace, general meeting room space, special-use space, and more. The table below shows some of the standards from the DPI's document and the holdings recommended based on these standards.

Table 2 - Select Library Service Standards and Recommended Holdings				
Type of Holding	Holdings Standard	Standard Unit	Recommended Current Holdings	Recommended Future Holdings
Book Volumes	4.2	per person	47,191	53,839
Periodicals	10.9	per 1,000 people	122	140
Audio Recordings	0.35	per person	3,933	4,487
Video Recordings	0.5	per person	5,618	6,409

Preliminary application of the DPI standards indicates the current facility comes close to matching the standards' recommendation for space. That means there are little if any existing deficiencies. This in turn means that a significant portion of any new facility would be to serve new growth. However, some of that new growth is outside the City, so that portion would not be eligible for impact fees. Depending on the assumptions made about growth outside the City, likely at least half of the facility would not be eligible.

If the City understands and accepts that half or more of a new satellite facility would probably need to be funded some other way, then R/M recommends that it moves ahead with a full impact fee study for that facility.

FIRE DEPARTMENT

The fire department serves the entire City, as well as approximately half of the Town of Geneva, or about 2,000 people outside the City throughout an area almost twice as large as the City. The department provides fire suppression, emergency medical services, public education, and various rescue services.

The 2004 report recommended implementing fees to pay for either expanding the current fire station or building a second satellite station, which was "anticipated to be necessary in either 2008 or 2009." These fees were implemented, but the building project was not undertaken within time limits established by the state statutes, so the money was refunded, and the fees were eliminated.

The current space of approximately 10,800 square feet was remodeled. Space used for meeting and training was reduced to about a quarter of its prior size to create a dorm bunk room to sleep 4 personnel and a dayroom approximately 455 square feet large. Offices were rearranged to create shared workspace for 3 personnel in 1 office and 2 in another. A records room, storage room, uniform room, and gym were constructed in the existing basement. A storage building approximately 2,400 square feet was constructed to house out-of-season and large apparatuses that do not fit elsewhere.

The fire department currently rents space at two other locations. Station 2, located in the water tower, houses a few vehicles. The annex building, which is shared with the police department, houses other vehicles and equipment. The table below lists the fire-department facilities and which equipment and vehicles are stored in each of them.

Table 3 - Fire Department Inventory	
Station 1 (730 Marshall St) ~ 10,800 square feet	Station 2 (Water Tower 1003 Host Dr) ~ 1,600 square feet
Inside garage:	1 engine
3 ambulances	1 pull behind rescue snow sled
2 engines	1 john boat
1 tower ladder	
1 ford explorer	Annex Building (1065 Carey St) ~ 2,800 square feet
1 boat	1 command vehicle
1 rehab vehicle	1 UTV
1 brush truck	Outside storage:
Outside storage:	1 30' trailer
2 staff vehicles	
1 utility pickup truck	
1 chief vehicle while on duty	

The most applicable standard for fire departments relates population to facility square footage. Like the library, the fire department serves a significant portion of the population outside the City limits. Any facility space to serve new growth for that population would be excluded from impact fees.

However, the department has expressed that it will need more facility space to serve new growth, and it is conducting a study on a public safety building with the police department. Impact fees would likely be able to pay for a portion of a new public safety building. If this building were to replace the existing facility, fees could not pay for the portion of the building that would replace the building. In other words, the fees could pay

only for the incremental size increase, and then only a portion of that cost, depending on the assumptions regarding growth outside the City limits and how large the overall building is.

If the City understands and accepts that a significant portion of a new facility would need to be funded some other way, then R/M recommends that it moves ahead with a full impact fee study for that facility.

POLICE

The police department serves the entire City, enforcing the law, as well as fostering safety awareness and civic responsibility. Additionally, the department's communications center dispatches fire and emergency medical services to the portion of the Town of Geneva served by the fire department.

The 2004 report does not mention the police department.

The current facilities include space in City Hall. This space is used for offices, locker rooms, cold storage, training, and more. The department has 3 places for storage and vehicles, including a garage at City Hall and 2 barns at 1065 Carey Street. The Carey Street space is rented and is shared with the fire department. See the table below.

Table 4 - Police Department Inventory	
Garage/Storage ~ 10,800 sq ft	PD Building (626 Geneva St) ~ 17,300 sq ft
Garage at main facility ~ 6,570 sq ft Old property barn ~ 2,400 sq ft New property barn ~ 1,840 sq ft	Includes locker rooms, cold storage, & training rooms
Total Space	~ 28,100 square feet

The facility space at City Hall does not suffice for current needs. The department could use approximately 15 percent more space. This existing deficiency needs to be addressed through means other than impact fees. Additionally, future growth will need to be addressed as well. The department expects to add 4 officers in the next 2 years to fill the void created by lack of part-time staff.

The department would like to consolidate its operations under one roof for efficiency and effectiveness. To explore this option, as well as to explore adding space for existing deficiencies and for future growth, the department is conducting a study on a public safety building with the fire department.

The most appropriate standard relates population served to facility square footage. As explained in the prior section, the fees would not be able to pay for any portion of a new public safety building that would be replacing an existing facility. They also would not be able to pay for existing deficiencies, which the department does have. Despite those two facts, a portion of new facilities for the department could likely be funded by impact fees.

If the City understands and accepts that a substantial part of the cost of a new facility would need to be funded by other means, then R/M recommends that it authorizes a full impact fee study for that facility.

DEPARTMENT OF PUBLIC WORKS

The Department of Public Works (DPW) maintains much of the City's infrastructure. The department also handles snow plowing, street sweeping, brush and leaf pickup, the City's recycling program that composts organic materials; assists with festivals and parades; and cares for nearly 7,000 trees.

The 2004 study provides a paragraph listing inventory and notes that there are no existing deficiencies. No analysis is provided, and no future growth projects are listed.

The following feasibility analysis focuses only on the DPW facilities that are both eligible for impact fees and that will be paid for through municipal funding. For instance, tourist centers, organic-waste facilities, and cemeteries are not eligible according to the state statutes. Although eligible, storm water infrastructure was not included because developers pay for it and then donate it to the City. While parks are included in the DPW's responsibilities, parks already have established impact fees and will be addressed in the full impact fee study. The table below inventories the facilities the DPW maintains.

Table 5 - DPW Facilities Inventory

45 Miles of Roadways
Street Lighting
Traffic Signals located Downtown, Edwards Blvd, Hwy 12 ramps, and Interchange North
City Storm Sewer System
City Owned Sidewalks
City Bike Trail System
Riviera Ballroom
Riviera Beach
Boat Launch
Oak Hill Cemetery
Pioneer Cemetery
21 City Parks and Natural Areas
22 Public Restrooms
230+ Garbage Receptacles
Geneva Lake Lakefront
Approximately 7,000 trees
DPW Main Shop Building Space (18,000 square feet)
DPW Repair Shop Building Space (5,000 square feet)
DPW Office Building Space (450 square feet)
Salt Shed Expansion (1,575 square feet)

Conversations with the department have revealed that several facilities are near or at capacity. Growth will require expansions for these facilities, which will in turn require land purchases. Additionally, meeting the needs of future growth will require facilities that currently do not exist in certain locations, such as traffic signals at several intersections. The table below lists the new facilities and the facility expansions needed to meet the needs generated by new growth.

Table 6 - Proposed DPW Projects

Traffic Signal at Williams and George Streets
Traffic Signal at Broad and Geneva Streets
Traffic Signal at Center and Geneva Streets
Bloomfield Road Improvements
Edwards Street Lighting from Main Street to Bloomfield Road
Relocation of City Boat Launch
Lean-to on North Side of 1070 Carey Street Facility for Equipment Storage
DPW Main Shop Expansion (5,000 square feet addition)
DPW Repair Shop Expansion (5,000 square feet addition)
DPW Office Expansion (1,500 square feet addition)
Salt Shed Expansion (2,500 square feet addition)
Purchases of Land Adjacent to Current Facilities for Expansions

The standard for the building facilities and land would relate population to square footage. Given that the 20-year Department of Administration forecast for the City indicates growth above 15 percent, a significant portion but not all these project costs would be eligible for impact fees. The other projects could be evaluated using threshold standards, which attribute 100 percent of costs to new growth once a certain point on a measure is surpassed. For instance, once traffic reaches a certain level on a road, exceeding a certain threshold, then a threshold standard would indicate that a project is needed for new growth, and all the costs could be attributed to the new growth. However, some projects may need to be evaluated using a population-based standard. Each project would be evaluated individually.

Because there are so many projects needed to accommodate new growth, R/M recommends that the City continue to explore impact fees for the DPW, although a portion of the costs for these projects will not be eligible for impact fees.

SUMMARY

R/M recommends pursuing impact fees for the areas described above. If the Council authorizes a full impact fee study for these areas, it should do so understanding that impact fees will not pay for the full amount of all the new-growth projects. However, authorizing an impact fee study does not commit the City to enacting those fees, nor to do following through on these projects within a given timeframe. The Council would have to adopt the fees after the study is finished before any obligations are taken on.

March 1, 2023

To: Mr. Josh Gajewski
City of Lake Geneva
Utility Commission Director
626 Geneva Street
Lake Geneva, WI 53147

From: Dave Arnott, P.E. (WI, IL)
Team Leader / Senior Project Manager
Ruekert & Mielke, Inc.
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Re: Utilities Impact Fee Technical Memorandum

1 Introduction

The City of Lake Geneva is undertaking a comprehensive effort to update its impact fees. Impact fees can provide a needed source of funding for infrastructure. These fees are designed to enact the adage "growth pays for growth." Their purpose is to charge new development for the infrastructure needed to serve that development. State statutes dictate their use while best practices can help municipalities make the most of these fees and avoid common pitfalls.

The previous impact fee assessment was conducted in 2004 and included consideration of public works, library, fire protection, parks and recreation, and utilities. The City has changed considerably since the 2004 impact assessment was conducted. Even in the past 5 years, the City has changed significantly with more than 400 homes being constructed. The purpose of this memorandum is to provide a basis for impact fees the City will implement for capacity expansions of the water and wastewater infrastructure to accommodate growth. This includes but is not limited to the following types of water infrastructure: wells, well pumps, well chemical addition, water mains, reservoir capacity, water treatment capacity, booster pumps at the treatment facility, booster stations for the high-pressure zones, and elevated storage tank storage volume. For wastewater, it includes trunk sewers, pumping stations, force mains, and wastewater treatment capacity. Water mains greater than or equal to 10-inches in diameter are included in this study. It is assumed that smaller diameter mains would be paid for by developers. For wastewater for gravity flow, it is assumed that interceptor sewers are 10 to 21-inches in diameter. There are some spans of interceptor sewers that are 8-inches in diameter. It is assumed that smaller diameter sewers (8-inch and smaller) would be paid for by developers. For force mains, it is assumed that this study covers pipes that are equal to or greater than 6-inches in diameter and that smaller diameter force mains would be paid for by developers.

This assessment includes the planning year 2042. Existing and planned land use for the City was obtained from its Comprehensive Plan last updated in 2017.

2 Background

2.1 City Background

The City of Lake Geneva is located in southeastern Walworth County. The City is located on the eastern shore of Geneva Lake. The City's 2020 population was 8,340 according to City estimates. The City owns and operates water treatment and distribution infrastructure and wastewater collection and treatment infrastructure. The City's existing water service areas extend to the Town of Lyon for the Grand Geneva Resort and Spa. Water is also provided to the Pioneer Estates Mobile Home Park in the Town of

Bloomfield and part of the Town of Lyons for the Golf Hills subdivision, and parts of the Town of Lyons for the Lake Geneva Youth Camp and Wilmot Boulevard. The City's wastewater service area also includes part of the Town of Bloomfield for the Pioneer Estates Mobile Home Park, part of the Town of Geneva for Coachmann's Terrace, and parts of the Town of Linn for the Lake Geneva Youth Camp and the Geneva Inn.

The predominant existing land uses in and around the City are Single Family Residential, Neighborhood Mixed Use, Central Business District, with some Multi-Family Residential. Public parks and recreational use of land are important as the City surrounds the eastern and northern parts of the east end of Geneva Lake. The City emphasizes high quality commercial and residential architecture making it an attractive city. In the summer months, the area in and around the City is a prime location for tourism. The City values high quality and long-term planning. Green space and environmental protection are principles for planning and development in and around the City.

The main transportation arterials are STH 12 in the northwest-southeast direction, CTH 120 in the north-south directions, and STH 50 in the east-west direction.

The City's predominant businesses are tourism and resort based. However, there are other areas that make up the economic base such as manufacturing, construction, professional services, and small-scale retail. The Lake Geneva Public School District is also a key employer in the area. According to the City's Comprehensive Plan updated in 2017, the top occupational groups are manufacturing at 23.1 %, education, health, and social services at 17.4%, and arts, entertainment, recreation, accommodation and food services at 15.7%.

2.2 Recent Development

There are several large residential developments that are in preliminary or intermediate construction stages. The Stoneridge development is on the north side of the City in an area with increased elevation. The Vistas of Lake Geneva development is on the west side of the City and consists of residential growth. The Symphony Bay development is in the southeast part of the City. This development will consist of the Planned Neighborhood land use of which residential development will be a large part. The City has completed some planning for this development already. At full build out, this development will likely require an expansion of the East Interceptor trunk sewer. This development along with other planned development in the south part of the planning area may require replacing the existing private Pioneer Estates pumping station with a larger, City-owned sanitary pumping station. All three developments are platted but not dedicated to the City yet.

There may be plans for a large commercial development northeast of STH 12 and east of CTH 120. A formal proposal for this development has not been brought forward to the City.

2.3 Water System

The City's water system is supplied by four wells. The wells are enumerated as Wells Nos. 2, 3, 4, and 5. The total reliable supply capacity, with the largest source out of service, is 3,530 gallons per minute (gpm) or 5.1 million gallons per day (MGD). The water distribution system has three pressure zones: the Dodge pressure zone, the Host pressure zone, and the Center pressure zone. The Dodge and Host Zones are separated by main valves. The Center Zone is separated by a pressure reducing valve. The Dodge and Center pressure zones are supplied by booster stations that are fed from the Host pressure zone. The wells and treatment facilities are located within the Host pressure zone.

Water from each well is chlorinated and then pumped to one of three reinforced concrete reservoirs at the water treatment site. The reservoirs have slat tray aerators at the top. There are two redundant treatment plants – Plant A and Plant B. The plants operate in parallel staggered mode. Each plant can draw water from any of the three reservoirs. At each treatment plant, iron removal is performed using chlorination with

sodium hypochlorite and rapid sand filtration. Sodium hypochlorite is injected at each well site, allowing the iron oxidation process to start. Plant A was constructed in 1957 and consists of three pressure filter vessels which operate together. Plant B was constructed in 1975 and includes one large pressure filter vessel. After filtration, the water is then chlorinated using gas chlorine for disinfection, fluoridated, and treated with polyphosphate for corrosion inhibition. Each water plant has its own set of vertical turbine booster pumps for distribution to the City's system. The booster pumps draw from the reservoir system, pump water through the pressure filter(s), and to the distribution system. Plant A and Plant B each have three booster pumps.

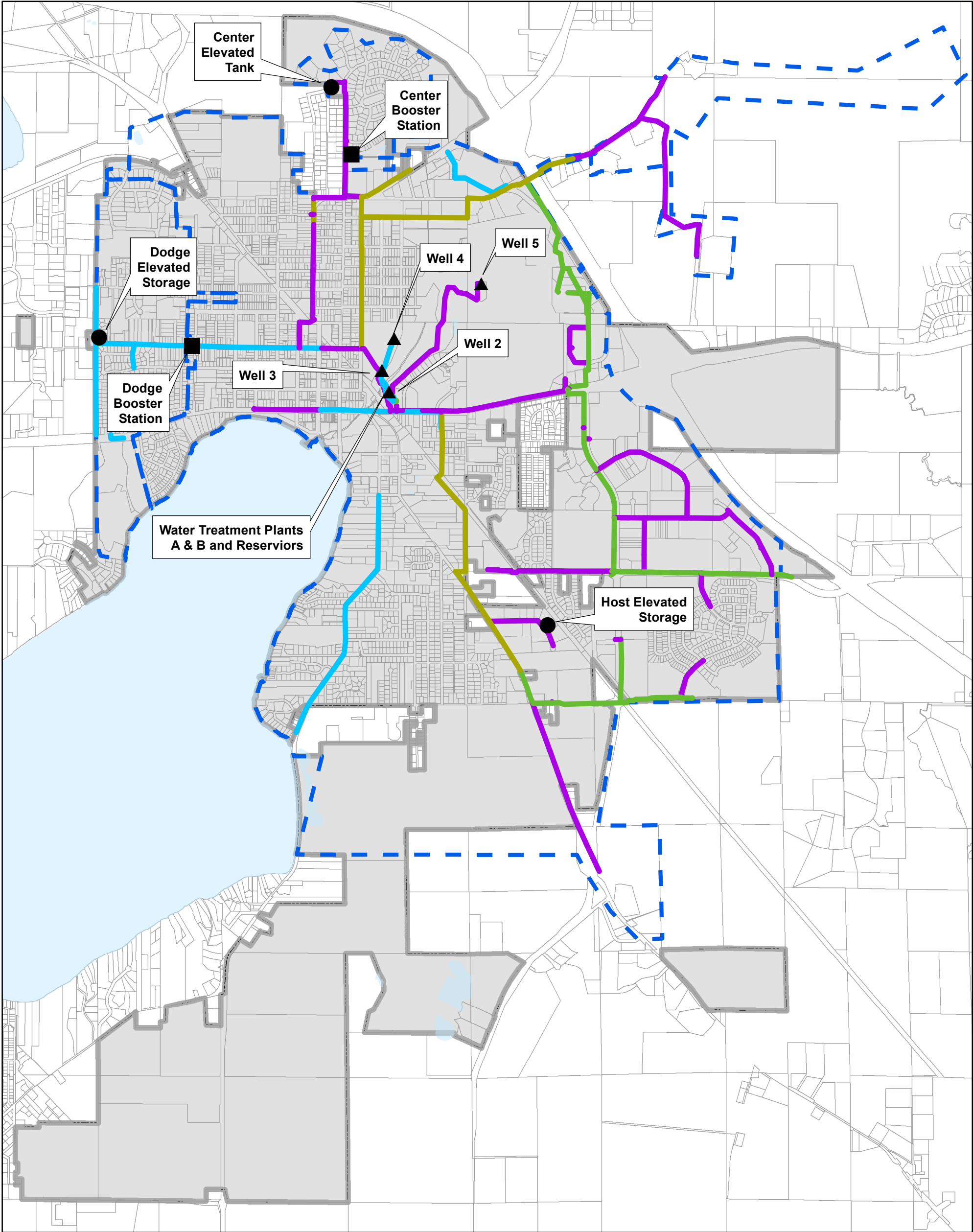
Booster stations are used to pump water from the Host pressure zone to the Dodge and the Center pressure zones which are higher in elevation. Three elevated storage tanks are used throughout the distribution system, one in each pressure zone. The Host zone elevated storage tank is a composite-type and has a volume of 1.5 million gallons (MG). The Center High Pressure zone has a spheroid type elevated storage tank with a volume of 0.2 MG. It is supplied by a booster station off Center Street with three end suction pumps. The Dodge High Pressure zone is a spheroid-type elevated storage tank with a volume of 0.2 MG. This storage tank was raised by 30 feet in 2020 to provide the required pressure for the Vistas development in the northwest corner of the City. The increased pressure will also accommodate planned development west of the City. It is supplied by a booster station on Dodge Street with two end suction pumps.

Figure 1 shows the existing water system with mains greater than or equal to 10-inches in diameter, wells, reservoirs, treatment plants A and B, booster stations, elevated storage tanks, pressure zones, and the overall water service area.

2.4 Water System Existing Capacities

Table 1 shows the well and booster pump station capacity at the wells and in each pressure zone with the reliable supply flow rates. Table 2 shows the water storage capacity in each pressure zone. Table 3 shows the reliable supply analysis with the supply pumps in the Host Zone and the booster pumps in the Dodge and Center zones. There is an excess of supply in each pressure zone. Table 4 shows the existing treatment capacity analysis. Table 5 shows the existing storage analysis. Under existing demand conditions, all three storage reservoirs have excess storage. There are a number of footnotes at the bottom of Table 5 with the assumptions of the analysis.

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Date: November 2022

Water Facilities

- Booster Station
- Water Tower
- ▲ Well

Main Size

- 10"
- 12"
- 14"
- 16"
- Water Pressure Zones
- City Limits

Figure 1

**Existing Water Distribution
System Mains and Facilities**
Water and Wastewater Utilities Impact Fee Study

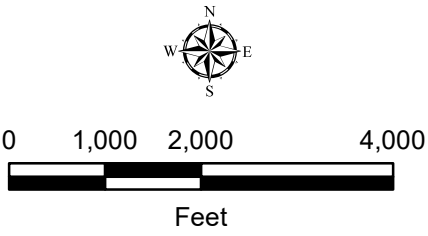


Table 1: Well and Booster Station Pump Capacity Summary

SUPPLY SOURCE	Supply Capacity		Booster Pump Capacity	
	(gpm)	(MGD)	(gpm)	(MGD)
HOST PRESSURE ZONE				
Wells				
Well 2	1,000	1.44		
Well 3	1,180	1.70		
Well 4	1,350	1.94		
Well 5	1,400	2.02		
Booster Pumps				
Plant A 1-A			1,800	2.59
Plant A 2-A			1,125	1.62
Plant A 3-A			1,200	1.73
Plant B 1-B			1,000	1.44
Plant B 2-B			1,300	1.87
Total Pumping Supply Capacity	4,930	7.10	6,425	9.25
Less: Largest Supply Unit	1,400	2.02	1,800	2.59
Reliable Supply: Host Pressure Zone	3,530	5.08	4,625	6.66
DODGE PRESSURE ZONE				
Booster Pumps				
Dodge St. Booster Station #1			910	1.31
Dodge St. Booster Station #2			910	1.31
Total Pumping Supply Capacity			1,820	2.62
Less: Largest Supply Unit			910	1.31
Reliable Supply: Dodge Pressure Zone			910	1.31
CENTER PRESSURE ZONE				
Booster Pumps				
Fire Pump ¹			500	0.72
Booster Pump #1			120	0.17
Booster Pump #2			120	0.17
Total Pumping Supply Capacity			240	0.35
Less: Largest Supply Unit			120	0.17
Reliable Supply: Center Pressure Zone			120	0.17

¹The fire pump is included when considering fire storage, but it is not considered as part of the reliable supply capacity.

Table 2: Water Storage Capacity Summary

Storage Facility Name	Description	Capacity (gal)	Year Constructed	Pressure Zone
Tower #1 – Dodge Tower	Elevated Storage Tank	200,000	1970	Dodge
Tower #2 – Host Tower	Elevated Storage Tank	1,500,000	1996	Host
Tower #3 – Center Tower	Elevated Storage Tank	200,000	2006	Center
Reservoir #1	Ground Reservoir	98,750	1917	-
Reservoir #2	Ground Reservoir	160,500	1917	-
Reservoir #3	Ground Reservoir	300,000	1970	-

Table 3: Supply Analysis

Supply Requirements	Capacity	
	(gpm)	(MGD)
<u>HOST PRESSURE ZONE</u>		
Existing Average Day Demand	1,040	1.50
Existing Maximum Day Demand	1,660	2.39
Existing Reliable Supply Capacity	3,530	5.08
Reliable Supply Capacity Excess or (Deficit)	1,870	2.69
Utilization of Reliable Capacity in Existing Demands	47%	
<u>DODGE PRESSURE ZONE</u>		
Existing Average Day Demand ¹	63	0.09
Existing Maximum Day Demand ¹	214	0.31
Existing Reliable Supply Capacity	910	1.31
Reliable Booster Capacity Excess or (Deficit)	696	1.00
Utilization of Reliable Capacity in Existing Demands	24%	
<u>CENTER PRESSURE ZONE</u>		
Existing Average Day Demand ²	4	0.01
Existing Maximum Day Demand ²	18	0.03
Existing Reliable Supply Capacity	120	0.17
Reliable Booster Capacity Excess or (Deficit)	102	0.15
Utilization of Reliable Capacity in Existing Demands	15%	

¹ Average and Maximum Day Demands for the Dodge Pressure Zone are taken from 2018 pumping records

² Average and Maximum Day Demands for the Center Pressure Zone are estimated based on pressure zone acreage and existing land use

Table 4: Treatment Capacity Analysis

Treatment Facility	Capacity	
	(gpm)	(MGD)
Treatment Plant A		
Filter #1-A	600	0.86
Filter #2-A	600	0.86
Filter #3-A	600	0.86
Treatment Plant B		
Filter #1-B	1,000	1.44
Total Treatment Capacity	2,800	4.03
Less: Largest Filter Unit	1,000	1.44
Reliable Treatment Capacity	1,800	2.59
Existing Maximum Day Demand	1,660	2.39
Reliable Treatment Capacity Excess or (Deficit)	140	0.20
Utilization of Reliable Treatment in Existing Demands	92%	

Table 5: Storage Analysis

Storage Requirements	Dodge Storage Tank ⁴	Center Storage Tank	Host Storage Tank
Pressure Zone	Dodge	Center	Host
Total Available Storage (gallons)	200,000	200,000	1,500,000
Population Equivalent	1,189	98	19,586
Average Use (gpd)	90,954	7,492	1,497,732
Peaking Factor (Average Day: Maximum Day)	3.4	2.7	1.6
Maximum Day Demand (gpd)	308,000	19,881	2,390,000
Equalizing Storage (gallons) ¹	47,000	3,000	359,000
Required Fire Storage (gallons) ²	180,000	180,000	630,000
Reserve Storage (gallons) ³	41,000	33,000	175,000
Subtotal Capacity Recommended (gallons)	268,000	216,000	1,164,000
Less: Excess Available for pumping for Fire Flow	83,533	71,903	336,650
Total Recommended Storage (gallons)	184,467	144,097	827,350
Percent Storage Utilization:	92.2%	72.0%	55.2%
Storage Excess or (Deficit):	15,533	55,903	672,650

¹ Equalizing Storage Volume estimated at 15% of maximum day demand (Peak Hour estimated at 1.6 times Maximum Day Demand).

² Assumes a fire flow of 3,500 gpm with a duration of 3 hours for commercial areas, and a flow of 1,500 gpm with a duration of 2 hours for residential areas.

³ Reserve storage provides start/stop range for pump operation and an emergency reserve storage supply. Assumed to be 15% of total storage volume.

⁴ Average use, maximum day use, and the peaking factor for the Dodge pressure zone are taken from 2018 pumping records

2.5 Wastewater System

The wastewater system is comprised of the collection system and the treatment system.

In the collection system, there are seven interceptors ranging in size from 8-inch to 21-inch. The interceptor sewers have a variety of pipe materials including PVC, clay, reinforced concrete pipe, and vitrified clay pipe. The sewers the City considers interceptors are: Dodge Street, East, George Street, Lake North Central, Lake North, Lake Shore Drive, and North. Collector sewers, typically sized at 8-inch diameter, feed into the interceptors. There are nine pumping stations in the collection system. The privately owned Pioneer Estates pumping station is in the Town of Bloomfield and serves the Pioneer Estates Mobile Home Park southeast of the City. The pumping stations are the submersible duplex type with an exterior control panel and disconnects. Most pump stations do not have a permanent standby generator. The City uses several portable trailer-mounted generators for standby power. The electrical control panel at the stations has a plug-in receptacle for the portable generators. The pump station firm capacities are shown in Table 6 below.

Table 6 Summary of Existing Pumping Stations

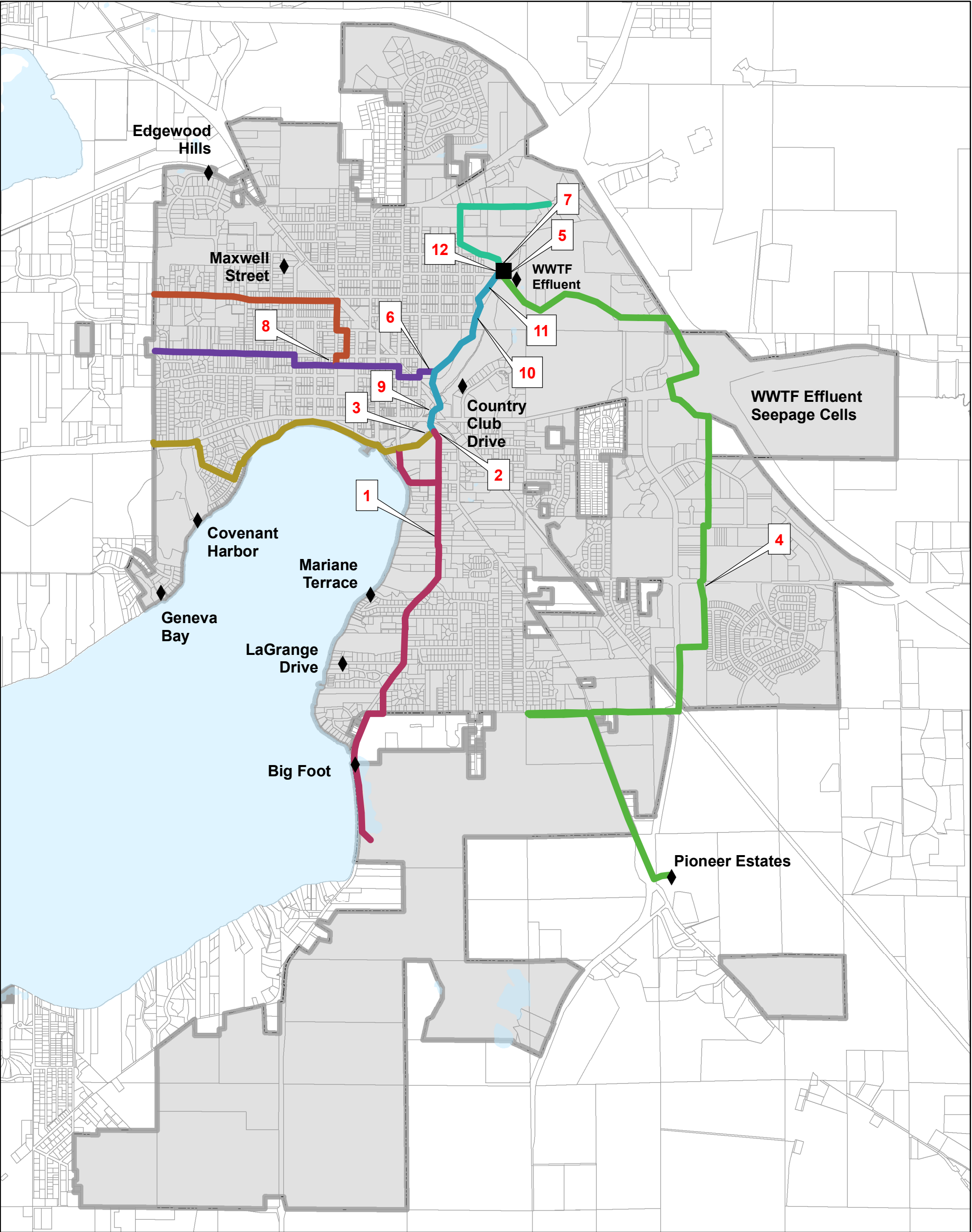
Pumping Station	Firm Capacity / Pressure
LaGrange Drive	100 gpm at 114 ft. TDH
Country Club Drive	143 gpm at 37 ft. TDH
Covenant Harbor	105 gpm at 21.3 ft. TDH
Edgewood Hills	150 gpm at 71 ft. TDH
Geneva Bay	108 gpm at 21 ft. TDH
Mariane Terrace	100 gpm at 31 ft. TDH
Maxwell Street	50 gpm at 40 ft. TDH
Bigfoot	325 gpm at 150 ft. TDH
Pioneer Estates	198 gpm

All wastewater is directed to the wastewater treatment facility (WWTF) located at the east end of Haskins Street. The WWTF processes consist of influent screening to remove rags and debris, a grit removal system with an induced vortex at the center of a spherical tank, influent submersible pumping, organic treatment in a three-channel oxidation ditch in the Orbal® configuration, and final clarification with two 65-foot diameter suction header type clarifiers. The final clarifier effluent is directed to a pumping station at the WWTF where it is pumped through a 20-inch diameter, approximate 5,500-foot long, force main to a series of seepage cells at the far east edge of the City. At the seepage cells, the effluent seeps into the ground and recharges the groundwater. The geologic formations at this location allow the water to seep deep under the ground surface.

The solids process consists of waste activated sludge (WAS) routed to a gravity thickener/aerobic digestion process. Here, the biosolids are further aerobically digested in four tanks. The supernatant is routed back the head end of the WWTF. Solids are thickened in the tanks from approximately 0.8 % solids by weight to 2.5% solids by weight. Solids are then pumped to a belt press where cake with approximately 17% solids by weight is formed. Filtrate from the press is routed back the head end of the WWTF. The belt press and biosolids cake is stored in a metal pole-building type storage building.

Figure 2 shows the interceptors sewers and pumping stations in the collection system along with the WWTF, the WWTF effluent force main, and the seepage cells. Private pumping stations, except for the Pioneer Estates station, are not shown in Figure 2.

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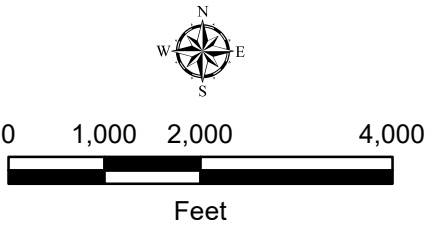
Date: November 2022

Figure 2

Existing Wastewater Collection System and Facilities

Water and Wastewater Utilities Impact Fee Study

- 12 Sewer Capacity Analysis Point
- Wastewater Treatment Facility
- Pumping Station
- Dodge Street Interceptor
- East Interceptor
- George Street Interceptor
- Lake North Central Interceptor
- Lake North Interceptor
- Lake Shore Drive Interceptor
- North Interceptor
- City Limits



2.6 Wastewater System Existing Capacities

An assessment was done for the remaining capacities for the wastewater flow rates and WWTF influent pollutant loadings. In this approach, the design capacities were first identified. The actual capacities were then derived. The difference between the two is the remaining capacity.

A representative storm on September 11th and 12th, 2022, was considered for peak hour flows at the WWTF. This storm is considered an approximate 25-year event with 4.96 inches of rain falling in approximately 24 hours reported on September 12th based on a National Weather Service rain gage at the WWTF. The recurrence interval was derived from the National Oceanic and Atmospheric Administration Point Precipitation Frequency Estimates. The recurrence interval is likely lower as the distribution of rainfall was more spread out (greater than 24 hours) than indicated by local reporting. WWTF influent flow meter records indicate a peak hour flow rate of 3.62 MGD took place on September 11th. The recurrence interval for this storm is likely between a 25-year and 10-year event.

Monthly Discharge Monitoring Reports and annual Compliance Maintenance Annual Report data was used to compile WWTF records of flow rates and pollutant loadings.

The WWTF flow rate and pollutant loading capacities are shown in Table 7 below. The table reflects the WWTF re-rating values implemented in 1997.

Table 7: WWTF Existing Capacity Summary

Parameter	Design Value	Present Value	Existing Capacity	Percent of Design Capacity
Ave. Monthly Flow Rate (MGD)	2.50	1.18	1.32	47
Peak Hourly Flow Rate (MGD)	5.20	3.62	1.58	70
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900	2,223	1,667	57
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100	2,709	1,391	66
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400	340	60	85

For estimated average day and peak hour flow rates at various points in the interceptor sewer system, existing land use and flow factors for land use were derived from an initial assumption of 80 gallons per capita per day (gpcd) of base flow, 2.13 people per home from the 2020 US Census, and other flow factor assumptions. For each land use, a flow factor per acre was identified and multiplied by the upstream acres and the flow factor for a particular land use type. Wisconsin Administrative Code (WAC) NR110.15 peak hour factors based on upstream population, were used to convert the wastewater base flow rates to peak hour flow rates. GIS information from the City was used to determine existing land use types and areas.

The flow factor results in Table 8 are the result of an iterative process of checking the predicated existing flow rates using the flow factors and land use areas from existing development, against the 2020 and 2021 monthly average flow rate value of 1.18 MGD. In this end, monthly average flow rates of the

predicted method and the actual data from 2020 and 2021 generally agree. In addition, the flow factors in this analysis generally agree with flow factors used in previous sanitary sewer studies the City has conducted.

The land uses, associated flow factors, and assumptions, are shown in Table 8 below.

Table 8: Land Use RECs per Acre and Flow Factors

Land Use	RECs/acre	Average Daily Flow		Assumptions/Notes
		(gpm/acre)	(gpd/acre)	
Agriculture & Vacant	0.5	0.06	85	Assumes 1 unit per 2 acres
Central Business District	5.9	0.69	1,000	Assumes 1000 gal per acre per day
Government/Institutional - Retreat Center	0.8	0.09	136	Assume 60 residents and 25 staff per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Government/Institutional - Other	1.2	0.14	200	Assumes 200 gal per acre per day. Includes churches, government offices, etc.
Government/Institutional - School	5.4	0.63	914	55 total acres per GIS, assumes 25 gallons per student per day
Industrial	2.6	0.31	450	Assumes 450 gal per acre per day
Multi-Family Residential	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Business	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Mixed Use	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Mixed Use (Hotel)	7.0	0.83	1,200	Assumes 29 guests and 4 staff per acre, 40 and 10 gpd per guest and staff per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Planned Neighborhood	2.5	0.30	426	Assumes 2.5 units per acre
Planned Office	1.2	0.14	204	Assumes 20 employees per acre and 13 gallons per day per employee per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Single Family Exurban	1.0	0.12	170	Assumes 1 unit per acre
Single Family Residential	3.0	0.36	511	Assumes 3 units per acre
Two-family/Townhouse Residential	4.0	0.47	682	Assumes (2) 2-unit townhomes per acre
Planned Neighborhood (1 house/acre)	1.0	0.12	170	Assumes 1 unit per acre

The interceptor sewers were analyzed at the points as shown in Figure 2. Interceptor sewer capacities were calculated based on sewer size, pipe material, Mannings N values for an associated pipe material, and slopes. City data was used for the interceptor sewer sizes and inverts. Where missing City data was encountered between two known invert locations, interpolation was used to estimate a logical value. For the Lake Shore Drive Interceptor, there was very little invert elevation information. For this interceptor, an assumed minimum slope based on WAC for an associated pipe size was used per Table 1 of the DNR-NR 110 code.

The interceptor sewer capacities, estimated existing peak hour flow rates, and remaining capacities at various points are summarized in Table 9 below. The locations where the peak flow and pipe capacity were estimated are generally the endpoint of the interceptors before they join another interceptor. To give a more complete analysis of the collection system, up to ten upstream manhole spans were also considered for each interceptor. The minimum of the upstream manhole span capacity is included in Table 9.

Table 9: Interceptor Sewer Existing Capacity Summary

Pipe At Location					
Location	Interceptor Sewer	Diameter (in)	Existing Estimated Peak Hour Flow Rate (cfs)	Estimated Minimum Pipe Capacity (cfs)	Existing Remaining Capacity (cfs)
1	Lake Shore Drive	8	0.61	0.90	0.29
2	Lake Shore Drive	12	0.72	9.75	9.02
3	Lake North	14	0.99	2.50	1.51
4	East	18	1.25	6.33	5.08
5	East	21	2.52	5.01	2.49
6	Dodge Street	12	0.91	7.19	6.28
7	North	18	0.28	4.30	4.02
8	George Street	8	0.39	1.27	0.87
9	Lake North Central	18	1.66	6.20	4.53
10	Lake North Central	21	1.99	8.78	6.79
11	Lake North Central	21	2.17	32.31	30.14
12	Lake North Central	30	4.55	11.60	7.05

Pipe W/ Min Capacity Upstream of Location					
Location	Interceptor Sewer	Pipe Diameter (in)	Existing Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Existing Remaining Capacity (cfs)
1	Lake Shore Drive	8	0.61	0.90	0.29
2	Lake Shore Drive	8	0.72	2.2	1.52
3	Lake North	14	0.99	1.93	0.94
4	East	18	1.25	4.3	3.05
5	East	21	2.52	2.92	0.40
6	Dodge Street	8	0.91	0.6	(0.35)
7	North	10	0.28	2.50	2.22
8	George Street	8	0.39	0.8	0.41
9	Lake North Central	18	1.66	6.20	4.53
10	Lake North Central	18	1.99	3.6	1.65
11	Lake North Central	21	2.17	5.01	2.84
12	Lake North Central	30	4.55	11.6	7.05

Pump station runtimes during the September 11th and 12th storm were not available. For each pumping station, the average daily total pump runtime along with pumping rates from City records were used. A peaking factor of 5:1 was used to derive the existing peak hour flow rates at each pumping station. This value was then compared against the station firm pumping capacity.

For the force mains, the capacities were derived using a velocity of 6 feet per second. At this velocity, the water hammer phenomenon where water can separate in the pipeline upon a sudden stop in pumping caused by a pump failure or loss of normal utility power, is minimized. The relevant pumping station and force main information is included in Table 10. The results show that in general, there is a significant amount of remaining capacity at the pumping stations and force mains.

Table 10 Pumping Station and Force Main Capacity Summary

Pump Station (Firm Capacity) ¹	Average Pumping Rate (gpm)	Peak Hour Pumping Rate (gpm) ³	Remaining Peak Hour Capacity (gpm)	Percent of Firm Pump Capacity	Force main size (inch)/capacity (gpm)	Force Main Add'l Capacity (gpm)	Percent of Force Main Design Capacity
Bigfoot (325 gpm)	29.1	145.6	179	45%	6" / 530 gpm	384	27%
Country Club Drive (143 gpm)	20.8	104.2	39	73%	4" / 240 gpm	136	43%
Covenant Harbor (105 gpm)	6.4	32.2	73	31%	4" / 240 gpm	208	13%
Edgewood Hills (150 gpm)	6.8	33.8	116	23%	4" / 240 gpm	206	14%
Geneva Bay (108 gpm)	1.0	4.9	103	5%	4" / 240 gpm	235	2%
LaGrange Drive (100 gpm)	8.5	42.5	58	42%	4" / 240 gpm	198	18%
Mariane Terrace (100 gpm)	5.6	27.9	72	28%	4" / 240 gpm	212	12%
Maxwell Street (50 gpm)	0.4	1.8	48	4%	4" / 240 gpm	238	1%
Pioneer Estates (159 gpm) ²	31.7	158.6	0	100%	N/A	0	100%

¹ From 2018 lift station pumping records

² Lift station operation history is not available for Pioneer Estates Lift Station. The Pioneer Estates Lift Station serves approximately 268 homes, or 571 people and has a average flow of 45,680 gpd, assuming 80 gpcd, and has a peak hour demand of 159 gpm, assuming a peaking factor of 5. The firm capacity is assumed to be equal to the peak hour demand.

³ Assuming a peaking factor of 5:1

3 Study Areas

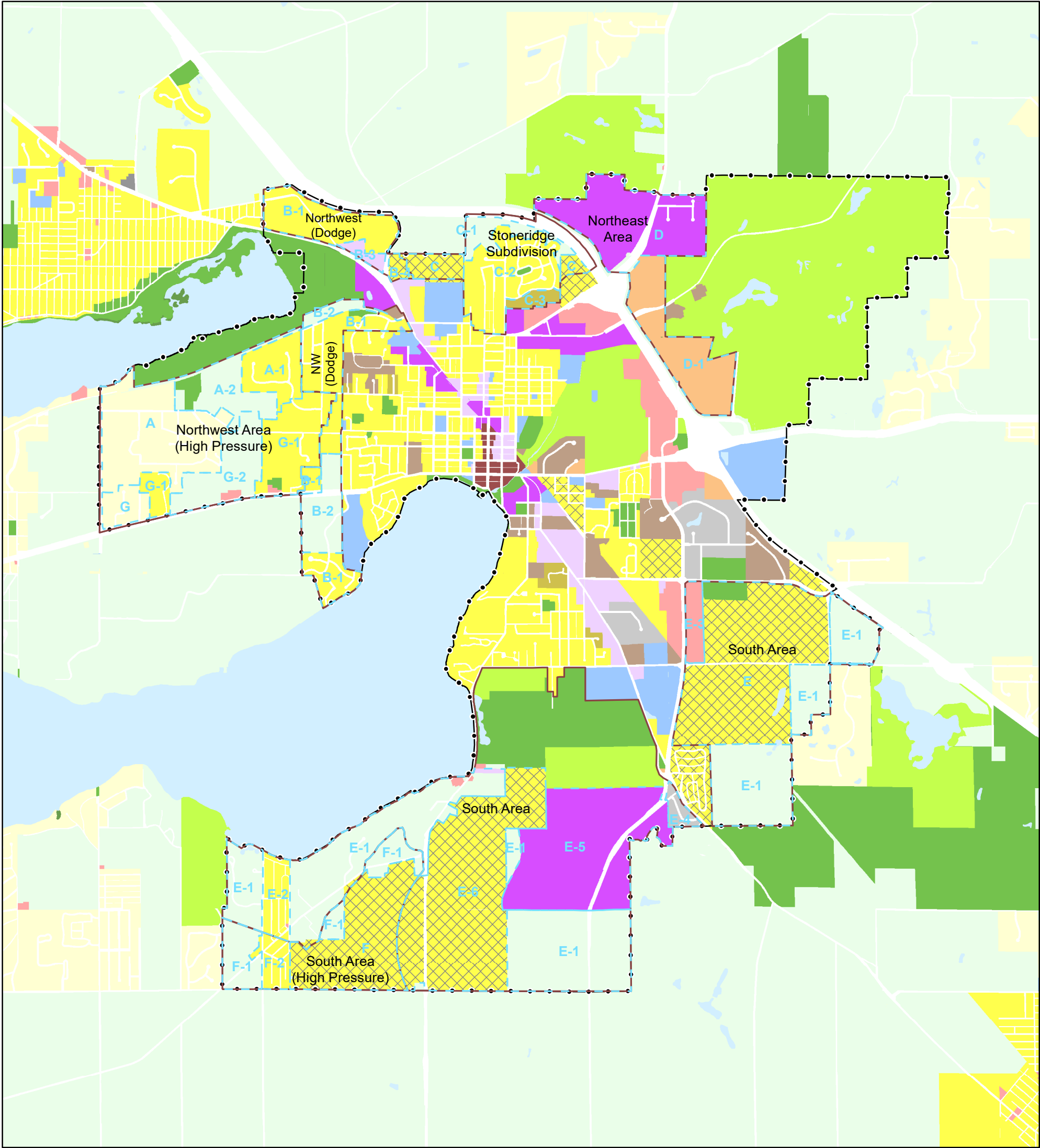
The study area was determined by the existing corporate boundary of the City, existing service areas for water and wastewater and considering what could be developed or served by water and sewer in the next 20 years. The same study area was used for water and wastewater. Areas already served by water and wastewater were included in the study area but were not included in the analysis. Areas that are unlikely for development (e.g., environmental corridors and wetlands) were included in the gross area but were not included in the growth analysis. The Grand Geneva resort was included in the overall study area since it is served by City water, but not included in the growth analysis since it is already served. For wastewater, this area is served by its own private on-site wastewater treatment system.

For water, the overall area was broken up into the existing and future likely pressure zones based on topography with the higher elevation areas requiring a high pressure zone. These were the Northwest High Pressure, the Stoneridge Subdivision High Pressure Zone, the Northeast Pressure Zone, the South Zone and the South High Pressure Zone. Each pressure zone was denoted with a letter. Within each pressure zone, the areas were further broken up by similar land use type and denoted with a number after the letter. Each area with similar land use type in each pressure zone were denoted with the same letter and number combination. Figure 3 shows the water pressure zones, subareas, and land uses.

For wastewater, the overall study area was broken up by sewershed with a unique letter identifier. Within each sewershed, areas of similar land use were grouped together and further denoted with a number after the letter. Figure 4 shows the wastewater sewersheds, subareas, and land uses.

The land uses considered in this study are consistent with the City's amended Comprehensive Plan completed in 2017. These are listed in the previous Table 8 along with the flow factors and assumptions.

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Date: February 2023

Figure 3

Water System Study Area

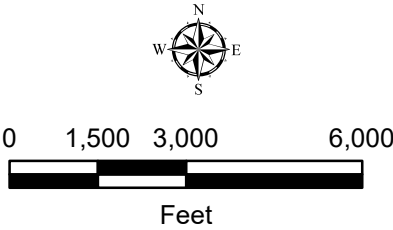
Water and Wastewater Utilities Impact Fee Study

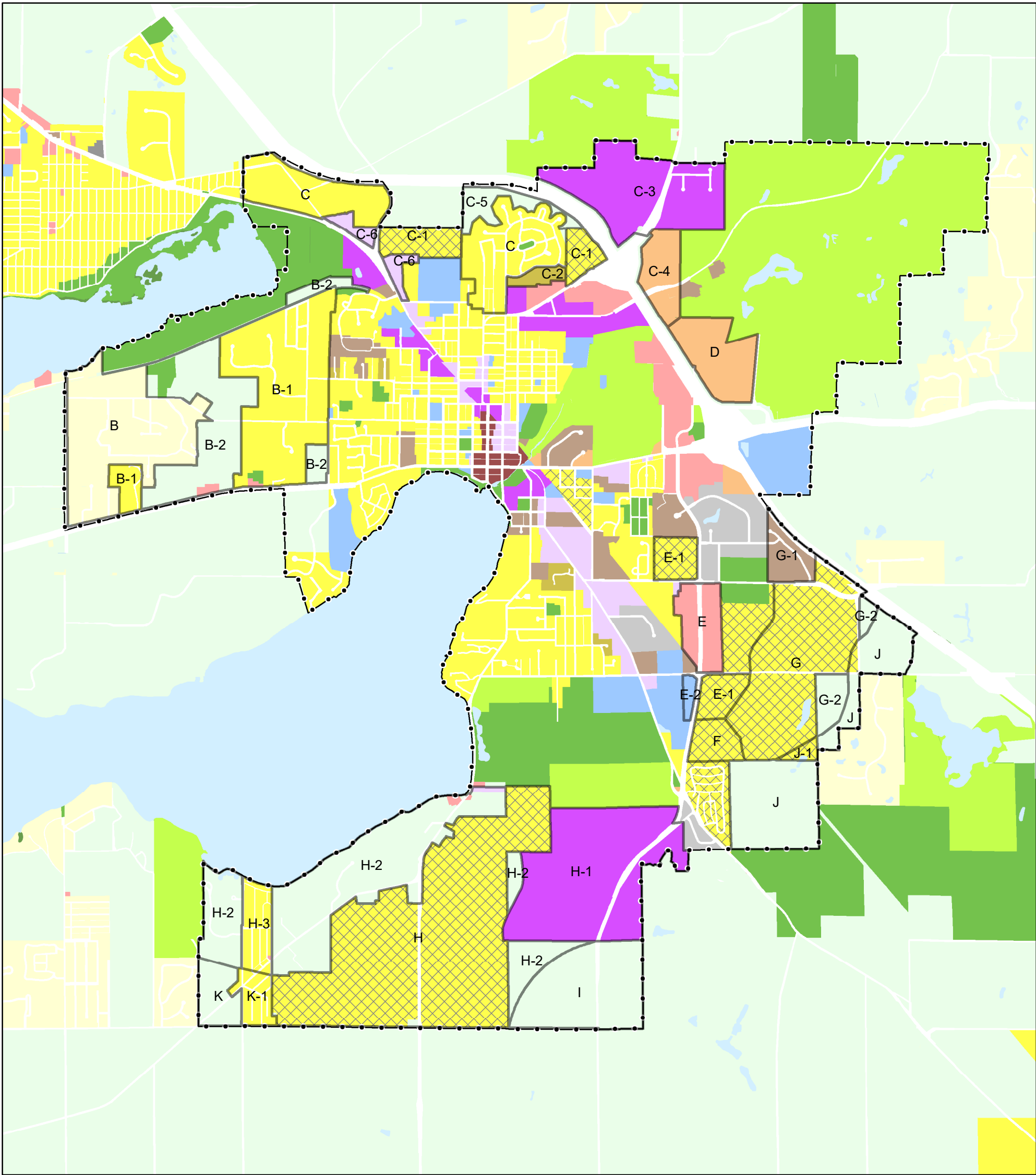
Future Land Use

- Single Family Exurban
- Single Family Residential
- Two-Family/Townhouse Residential
- Multi-Family Residential
- Planned Neighborhood
- Planned Office

- Neighborhood Mixed Use
- Planned Mixed Use
- Planned Business
- Central Business District
- Government/Institutional
- Industrial

- Planned Industrial
- Public Park & Recreation
- Private Recreation
- Agriculture & Vacant
- Wetland
- Water
- Study Area
- Sub-Basins



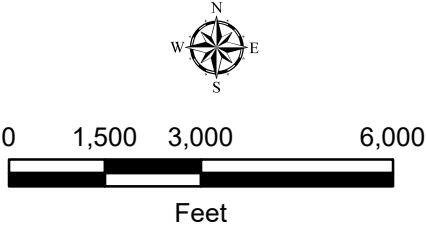


Date: November 2022

Figure 4

Wastewater System Study Area
Water and Wastewater Utilities Impact Fee Study

- | | | |
|----------------------------------|---------------------------|--------------------------|
| Future Land Use | Neighborhood Mixed Use | Planned Industrial |
| Single Family Exurban | Planned Mixed Use | Public Park & Recreation |
| Single Family Residential | Planned Business | Private Recreation |
| Two-Family/Townhouse Residential | Central Business District | Agriculture & Vacant |
| Multi-Family Residential | Government/Institutional | Wetland |
| Planned Neighborhood | Industrial | Water |
| Planned Office | | Study Area |
| | | Wastewater SubBasins |



4 Water System Expansion

In Section 2.3, the water system was analyzed to determine the capacity of the existing water system. This section analyzes how much more system capacity is needed to accommodate future developments. The water demands, supply and storage capacities, and treatment capacity are analyzed in the following subsections.

4.1 Water System Demands

The City's water consumption was estimated using the utility's WEGS (Water, Electric, Gas, and Sewer) reports as published by the PSC (Public Service Commission). The total pumped volume of water pumped from all sources for 2021 was 546.7 MG, or 1.498 MGD. The 2021 WEGS shows that the total water sold to residential customers in the year 2021 was 159,873,000 gallons. With 4,150 residential customers, it was found that the average residential customer uses 106 gallons per day (gpd). Per the 2020 US Census, each household contains approximately 2.13 people, therefore, the average resident is estimated to use 50 gpd of water. However, to account for the fact that a considerable number of residences in the City are occupied only part of the year, the per capita daily water demand was increased to 65 gpd for the planning and sizing of future facilities. This level is consistent with per capita water usage levels from other similar communities in Wisconsin. This is the water demand that was used to project future incremental demand from future developments.

For all land use types, approximations were made to estimate the number of Residential Equivalent Connections (RECs) per acre. For example, based on the total water sold to multifamily customers, it was estimated that multifamily land use is equal to 2.9 RECs per acre. Other land uses with their respective RECs/acre and assumptions are included in Table 8.

The water study areas are summarized by future land use type in Table 11. The total number of RECs within each study area was found by multiplying the developable acreage of each land use type by the RECs/acre in Table 8. The population equivalent was then found by multiplying the number of RECs in each study area by 2.13 people per household. The average water demand from each study area was estimated assuming 65 gpcd (gallons per capita per day, or gallons per population equivalent per day). It was also assumed that 15% of the total water pumped, in addition to consumer demand, would be the result of non-revenue water and distribution system leakage. All study areas and their estimated average daily water consumption are summarized in Table 11.

To estimate the total future water demand with the study areas fully developed, the estimated water consumption for the study areas of 0.978 MGD was added to the existing daily demand of 1.498 MGD to get a total daily water demand of 2.476 MGD. Maximum Day Demand was estimated by applying a peaking factor that is based on population.

Table 11: Future Water Demand by Study Area

Water Study Area	Land Use	Total Area (acres)	Developable Area (acres) ¹	RECs per acre	Total RECs	Population Equivalent	Usage (gpd)	Non-Revenue Demand (gpd) ²	Average Demand (gpd)
Northwest Area (PRV Pressure Zone)									
A	Single Family Exurban	257	180	1.0	180	383	24,907	4,395	29,303
A-1	Single Family Residential	78	55	3.0	165	351	22,783	4,020	26,803
A-2	Agriculture & Vacant	103	72	0.5	36	77	4,986	880	5,866
SUBTOTAL		438	307		380	810	52,676	9,296	61,972
Northwest Area (Dodge Pressure Zone)									
B-1	Single Family Residential	307	215	3.0	645	1,374	89,288	15,757	105,044
B-2	Agriculture & Vacant	98	69	0.5	34	73	4,743	837	5,580
B-3	Planned Mixed Use	14	10	2.9	29	63	4,072	719	4,791
B-4	Planned Neighborhood	11	8	2.5	20	43	2,781	491	3,272
SUBTOTAL		431	302		729	1,552	100,885	17,803	118,688
Stoneridge Area (Center Pressure Zone)									
C	Planned Neighborhood	46	32	2.5	80	171	11,114	1,961	13,075
C-1	Agriculture & Vacant	43	30	0.5	15	32	2,098	370	2,468
C-2	Single Family Residential	160	112	3.0	336	716	46,537	8,212	54,749
C-3	Two-family/Townhouse Residential	18	12	4.0	49	105	6,842	1,207	8,050
SUBTOTAL		267	187		481	1,024	66,591	11,751	78,342
Northeast Area (Host Pressure Zone)									
D	Planned Mixed Use (Hotel)	238	166	7.0	1,171	2,494	162,121	28,610	190,731
D-1	Planned Office	167	117	1.2	141	300	19,469	3,436	22,905
SUBTOTAL		405	283		1,312	2,794	181,590	32,045	213,636
South Area (Host Pressure Zone)									
E	Planned Neighborhood	463	324	2.5	810	1,726	112,198	19,800	131,998
E-1	Agriculture & Vacant	876	613	0.5	307	653	42,469	7,494	49,963
E-2	Single Family Residential	54	38	3.0	114	242	15,755	2,780	18,536
E-3	Planned Business	35	25	2.9	72	154	9,996	1,764	11,760
E-4	Planned Industrial	20	14	2.6	36	77	4,993	881	5,875
E-5	Planned Mixed Use	363	254	2.9	746	1,590	103,331	18,235	121,565
E-6	Planned Neighborhood (1 house/acre)	482	338	1.0	338	719	46,732	8,247	54,979
SUBTOTAL		2,294	1,606		2,423	5,161	335,475	59,201	394,676
South Area (New Pressure Zone)									
F	Planned Neighborhood (1 house/acre)	230	161	1.0	161	343	22,269	3,930	26,199
F-1	Agriculture & Vacant	112	78	0.5	39	83	5,427	958	6,384
F-2	Single Family Residential	39	27	3.0	81	172	11,194	1,975	13,169
SUBTOTAL		380	266		281	598	38,890	6,863	45,752
Northwest Area (New Pressure Zone)									
G	Single Family Exurban	40	28	1.0	28	59	3,853	680	4,533
G-1	Single Family Residential	157	110	3.0	329	702	45,609	8,049	53,658
G-2	Agriculture & Vacant	114	80	0.5	40	85	5,535	977	6,512
SUBTOTAL		311	218		397	846	54,997	9,705	64,703
TOTAL		4,526	3,168		6,003	12,786	831,104	146,665	977,769

¹ Developable acres assumed to be 70% of total acres

² Non-revenue water and system leakage is assumed to be 15% of the total Average Demand.

4.2 Supply and Storage Analysis

The City's existing facilities including wells, booster stations, storage facilities, distribution system, and treatment system, were analyzed to determine whether they have the capacity to support the future developments and to determine how much more capacity is needed.

In Table 12, it is found that the existing reliable capacity of the wells of 3,530 gpm is sufficient to provide for the estimated future Maximum Day Demand of 2,743 gpm with an excess reliable supply of 787 gpm. The reliable booster capacity of Dodge booster station, which feeds the Dodge pressure zone, also

surpasses the Maximum Day Demand with an excess capacity of 429 gpm. At full build-out of the future development, the Center booster station is expected to have a maximum day demand of 129 gpm, resulting in a deficit of 9 gpm in the booster station capacity. This 9-gpm deficit can be resolved through minor modifications to the booster station and is not included in the cost estimates for the impact fees.

It was found that two new pressure zones, one in the Northwest Area and one in the South Area, will be necessary in the future, each with new booster stations. The new pressure zone in the South Area is represented by the "F" subbasins in Table 11 and in Figure 3. The South Area New Pressure Zone will need a new booster station with a reliable supply of at least 88 gpm that will be supplied from the Host Pressure Zone.

The Dodge Tower was recently raised by 30 ft to a water surface elevation of 1,109 ft. Therefore, the highest ground elevation that can be served within the Dodge Pressure Zone with a static water pressure of 35 psi is 1,028 ft. However, the elevations Northwest Area range from 850 ft to 1,060 ft. Therefore, it was found that a new high-pressure zone will be necessary to serve the areas that exceed 1,020 ft in elevation.

The new pressure zone in the Northwest Area is represented by the "G" subbasins Table 11 and in Figure 3. The northwest portion of the Northwest Area drops in elevation as it approaches Lake Como. This area will require a Pressure Reducing Vault (PRV) to avoid excessive pressures throughout the distribution system. Therefore, a Northwest PRV Zone ("A" subbasins) is included that will be fed from the Northwest High Pressure Zone. The booster station for the Northwest Pressure Zone will be served from the existing Dodge Pressure Zone and will need a capacity at least 201 gpm.

Two PRV's will be necessary to delineate the PRV Zone: one PRV (PRV-1) to serve water subbasins A and A-2, and another (PRV-2) to serve subbasin A-1. PRV-1 will be installed on the future 10-inch water main on McDonald Rd and is included in the cost estimate. PRV-2 will be installed on a future 8-inch water main on Lake Forest Ln and is not included in the cost estimate because it is assumed to be paid for directly by developers.

Table 12: Future Supply Analysis

Supply Requirements	Capacity	
	(gpm)	(MGD)
<u>Host Pressure Zone</u>		
Future Average Demand	1,719	2.48
Peaking Factor	1.60	
Future Maximum Day Demand	2,743	3.95
Existing Reliable Supply	3,530	5.08
Reliable Supply Capacity Excess or (Deficit)	787	1.13
Utilization of Reliable Supply in Future Demands	78%	
<u>Dodge Pressure Zone (Northwest Area)</u>		
Future Average Day Demand	234	0.34
Peaking Factor	2.06	
Future Maximum Day Demand	481	0.69
Existing Reliable Booster Capacity	910	1.31
Reliable Booster Capacity Excess or (Deficit)	429	0.62
Utilization of Reliable Booster Capacity in Future Demands	53%	
<u>Center Pressure Zone (Stoneridge Subdivision)</u>		
Future Average Day Demand	54	0.08
Peaking Factor	2.37	
Future Maximum Day Demand	129	0.19
Existing Reliable Booster Capacity	120	0.17
Reliable Booster Capacity Excess or (Deficit)	(9)	(0.01)
Utilization of Reliable Booster Capacity in Future Demands	107%	
<u>South Area Pressure Zone (New Pressure Zone)</u>		
Future Average Day Demand	32	0.05
Peaking Factor	2.46	
Reliable Booster Station Capacity Needed ¹	78	0.11
<u>Northwest Pressure Zone (New Pressure Zone) ²</u>		
Future Average Day Demand	88	0.13
Peaking Factor	2.28	
Reliable Booster Station Capacity Needed ¹	201	0.29

¹ Assumed to be equal to Maximum Day Demand

² The Northwest New High Pressure zone (the "G" subbasins) will need a new booster station. The new booster station will be supplied from the existing Dodge Pressure Zone. The Northwest New High Pressure zone will also supply the Northwest PRV Zone (the "A" subbasins)

The storage capacities were analyzed to determine the minimum amount of equalizing storage, fire storage, and reserve storage. The equalizing storage is assumed to be equal to 15% of the Maximum Day Demand. The fire storage volume assumes a fire flow of 1,500 gpm with a duration of 2 hours (180,000 gallons) for storage tanks that serve only residential areas, namely the Dodge and the Center

towers as well as the future storage tank in South Area. The Host Tower serves a variety of residential, commercial, and industrial areas, therefore, a fire flow rate of 3,500 gpm with a duration of 3 hours (630,000 gallons) was used to size the fire storage. The reserve storage is assumed to be 15% of the total storage capacity.

Water systems are required to be able to provide the minimum fire storage under Maximum Day Demand conditions. Therefore, any supply capacity more than the Maximum Day Demand can be deducted from the fire flow storage. For example, the Host Tower has an excess supply capacity of 787 gpm. With a fire flow duration of 3 hours, the total excess pumping volume available for fire flow is 141,616 gallons. The Center pressure zone has a 500-gpm fire pump that is included in this calculation, providing 60,000 gallons pumping available for fire flow. For the South Area (High Pressure), which is a new pressure zone, the reliable supply capacity is assumed to be equal to the Maximum Day Demand.

The total recommended storage capacities for the new elevated storage tank in the South Area (High Pressure) as well as for each of the existing elevated storage tanks are included in Table 13. It was found that the Center Tower and the Host Tower have enough storage capacity to meet all future development within the study areas. The Dodge Tower will need an additional 83,537 gallons of storage to meet the demands of the future developments. Rather than adding another elevated storage tank, this storage deficit may be resolved by increasing the fire flow pumping capacity of the booster station. With a fire flow duration of one hour, a 700-gpm fire pump would provide 84,000 gallons of pumping volume available for fire flow, eliminating the need for additional storage. Site improvements may be needed for the additional fire pump.

However, the City has indicated that through past water modeling activities, it has been found that the supply main to the Dodge Booster is flow-limiting. With the addition of a 700-gpm fire pump, the total reliable fire pumping capacity would be 1,610 gpm. To accommodate the added flow, the supply main along Dodge Drive should be upsized from 10-inch to 12-inch. After this upgrade, installing a 700-gpm fire pump would provide an additional 84,000 gallons available for fire flow. This would lower the minimum recommended storage capacity enough to allow the existing 200,000-gallon storage tank to meet future demands.

The South Area (High Pressure) will require a new elevated storage tank with a minimum storage capacity of 232,000 gallons and a new booster station with a reliable capacity of 78 gpm. For cost estimating, a nominal storage volume of 240,000 gallons was used.

It was determined that the Northwest Area (High Pressure) will not require its own elevated storage facility. Hydropneumatic tanks could be used to sustain pressure on the system and to provide pump protection for a much lower cost than an elevated storage tank.

Table 13: Future Storage Analysis

	New Storage Facility	Existing Elevated Storage Tanks		
	South Area (High Pressure)	Dodge Tower (Northwest Area)	Center Tower (Stoneridge Study Area)	Host Tower
Future Population Equivalent	598	4,398	1,024	32,372
Average Use (gpd)	45,752	336,316	78,342	2,475,500
Peaking Factor (Average Day: Maximum Day)	2.5	2.1	2.4	1.6
Maximum Day Demand (gpd)	112,461	692,845	185,730	3,950,271
Equalizing Storage (gallons) ^{1, 2}	17,000	104,000	28,000	593,000
Required Fire Storage (gallons) ³	180,000	180,000	180,000	630,000
Reserve Storage (gallons) ⁴	35,000	51,000	37,000	216,000
Subtotal Capacity Recommended (gallons)	232,000	335,000	245,000	1,439,000
Less: Excess Available for pumping for Fire Flow (gallons) ⁵	-	51,463	60,000	141,616
Total Recommended Storage (gallons)	232,000	283,537	185,000	1,297,384
Total Available Storage (gallons):		200,000	200,000	1,500,000
Percent Storage Utilization:		141.8%	92.5%	86.5%
Storage Capacity Excess or (Deficit):		(83,537)	15,000	202,616

¹ Assumes supply equals maximum day demand for new storage facilities.

² Equalizing Storage Volume estimated at 15% of maximum day demand (Peak Hour estimated at 1.6 times Maximum Day Demand).

³ Assumes a fire flow of 3,500 gpm with a duration of 3 hours for commercial areas, and a flow of 1,500 gpm with a duration of 2 hours for residential areas.

⁴ Reserve storage provides start/stop range for pump operation and an emergency reserve storage supply. Assumed to be 15% of total storage volume.

⁵ If the reliable pumping capacity is greater than the maximum day demand, then the excess can be considered as available for fire flow pumping. The total excess pumpage volume over the fire flow duration can be subtracted from the total recommended storage capacity. The Center Booster Station has a 500-gpm fire flow pump that is included as excess pumping.

4.3 Distribution System

The future developments described in this report will significantly increase the flow rates through the distribution system and will require the construction of new water mains to provide water to the study areas. Several key locations throughout the distribution system were analyzed to determine if the existing distribution piping has enough capacity for the future development. The locations that were analyzed include the elevated storage discharge/feed piping, the discharge piping from the treatment system, and the discharge piping from the booster stations. The results are summarized in Table 14.

In Table 14, the pipe capacity is analyzed under both existing and future flow conditions. The elevated storage tank discharge piping was analyzed in fire flow conditions, where the supply pumping is supplying its respective reliable capacity and the reservoir is supplying fire flow. The flow at the Center booster station is assumed to be supplying its reliable supply capacity of 120 gpm plus 500 gpm from the existing fire pump totaling at 620 gpm. The Dodge Booster Station does not currently have a fire pump, but a fire pump is recommended in this report. Therefore, the Dodge Booster station is assumed to be supplying its reliable capacity of 910 gpm under existing conditions, but under future demand conditions, the station is assumed to be supplying both reliable supply capacity of 910 gpm and 700 gpm of fire pumping, resulting in a future flow of 1,610 gpm.

Per the AWWA (American Water Works Association) Manual M-32, it is recommended that the velocity within water mains not exceed 5 ft/s and that the head loss not exceed 7 ft. per 1,000 ft. of pipe (7 ft/1,000

ft). From this analysis, it is recommended that the 12-inch supply piping for the Host Tower be replaced with 18-inch piping to meet both future and existing fire flow demands. This is an existing deficiency of the water system. It is also recommended that the 10-inch discharge piping from the Dodge Booster Station be replaced with 12-inch piping to accommodate demand from future developments.

New 10-inch, 12-inch, and 14-inch water mains will be necessary to provide water to the study areas. The Northwest area will require approximately 16,900 LF (linear feet) of 10-inch water mains. The Northeast Area will require approximately 5,600 LF of 10-inch water mains. And the South Area will require 16,600 LF of 10-inch, 8,500 LF of 12-inch, and 6,500 LF of 14-inch water mains. All water distribution piping smaller than 10 inches that is required for the future developments is assumed to be paid directly by the developers.

Table 14: Water Main Capacity Analysis

Elevated Storage Tank Feed/Discharge Piping						
Pipe Location/Description	Host Tower Feed/Discharge Line		Dodge Tower Feed/Discharge Line		Center Tower Feed/Discharge Line	
Pipe Diameter (in)	12		16		12	
Hazen Williams Coefficient	130		130		130	
Calculations	Existing	Future	Existing	Future	Existing	Future
Fire flow (gpm)	3,500	3,500	1,500	1,500	1,500	1,500
Velocity (ft/s) ¹	9.9	4.4	2.4	2.4	4.3	4.3
Headloss (ft/1000 ft of pipe) ¹	25.7	3.6	1.3	1.3	5.4	5.4
Recommended Pipe Size (in)	18		-		-	

Supply/Booster Station Discharge Piping				
Pipe Location/Description	Dodge Booster Station Discharge		Center Booster Station Discharge	
Pipe Diameter (in)	10		12	
Pipe Material	PVC		PVC	
Hazen Williams Coefficient	130		130	
Calculations	Existing	Future ³	Existing	Future
Booster Station Capacity Including Fire Pump(s) (gpm) ²	910	1,610	620	630
Velocity (ft/s) ¹	3.7	4.6	1.8	1.8
Headloss (ft/1000 ft of pipe) ¹	5.2	6.1	1.0	1.1
Recommended Pipe Size (in)	12		-	

¹ Per AWWA Manual M-32, it is recommended that the velocity in water mains not exceed 5 ft/s and that the headloss does not exceed 7 ft per 1000 ft of pipe.

² Equal to the supply/booster flow during Maximum Day Demand. Includes the existing fire pump flow of 500 gpm for Center Booster Station, and 500 gpm from the future recommended fire pump at the Dodge Booster Station

³ The future supply capacity for the Dodge Booster Station includes a future 700-gpm fire pump to increase the pumping capacity during a fire event. This allows for reduced fire storage (see Note 5 of Table 13).

4.4 Treatment Analysis

The City's existing water treatment facilities were analyzed, and it was determined that the treatment system will require an additional 943 gpm of treatment capacity to meet future demands, as summarized in Table 15.

Table 15: Treatment Capacity Analysis Under Future Demand Conditions

Treatment Facility	Capacity	
	(gpm)	(MGD)
Treatment Plant A		
Filter #1-B	600	0.86
Filter #2-B	600	0.86
Filter #3-B	600	0.86
Treatment Plant B		
Filter #1-A	1,000	1.44
Total Treatment Capacity	2,800	4.03
Less: Largest Filter Unit	1,000	1.44
Reliable Treatment Capacity	1,800	2.59
Future Maximum Day Demand	2,743	3.95
Reliable Treatment Capacity Excess or (Deficit)	(943)	(1.36)
Utilization of Reliable Treatment in Future Demands		152%

Alternatives for iron removal were explored to increase the capacities of the treatment processes. Lake Geneva's existing iron removal facilities consist of hypochlorination and pressure sand filtration. Other iron removal alternatives discussed in this section include the following methods:

- Oxidation & Filtration
- Iron removal using lime-softening
- Ion exchange
- Biological Filtration

4.4.1 Lime Softening

Iron can also be effectively removed through the lime softening process. This process includes adding lime (calcium hydroxide) to the raw water which raises the pH. When the pH is raised, calcium carbonate and other dissolved solids, including iron, are less soluble and begin to precipitate. The precipitated solids are allowed to settle and are removed from the water.

While effective at removing iron, lime softening is not a recommended alternative for iron removal for Lake Geneva due to high capital costs, and because of the impacts to water chemistry. The settling process requires a sedimentation basin that would provide a minimum of 2 hours of settling time for groundwater (Wisconsin DNR NR 811.57 (1)). The process would also require sludge removal equipment used for removing the settled solids. The lime softening process also would soften the water, making it more corrosive to distribution piping and water stabilization would be required. Therefore, due to the high cost of new facilities and equipment, iron removal using lime softening is not recommended for Lake Geneva.

4.4.2 Ion Exchange

Ion exchange may be used to remove iron where the concentration is less than 0.5 mg/L. Ion exchange is commonly used in water treatment for water softening and demineralization. In the ion exchange process, the water flows through a resin where less-soluble ions in the water are exchanged for more soluble ions that are found in the resin. In iron removal, the ion exchange resin can be fouled if any iron is allowed to oxidize before passing through the resin.

Most ion exchange applications for removal of iron are point-of-use treatment systems for single-family residences and industrial water. Ion exchange is not as commonly used in municipal treatment due to cost. At a large scale, ion exchange is typically more expensive than other treatment alternatives. In addition, the City's raw water iron concentration is significantly higher than 0.5 mg/L. For these reasons, ion exchange is not a recommended treatment alternative for iron removal for Lake Geneva.

4.4.3 Biological Filtration

Another emerging technology for iron removal is biological filtration. The biological filtration process is hydraulically similar to the pressure filtration process, however, rather than using a chemical process to form a precipitate that is filtered out, the iron is oxidized by bacteria. The oxidized iron is then retained in the filter. Biological iron filtration is a proprietary patented system by Infilco Degremon, Inc under the name of Ferazur®. Infilco Degremon also produces a biological manganese filter under the name Mangazur®.

For the process to function, the environment within the filter vessel is conditioned to foster growth of iron-oxidizing bacteria and cannot be done with all groundwater. The water quality characteristics that are necessary to foster the growth of the iron-oxidizing bacteria are listed below:

- PH: 6.5 - 7.2
- Temperature: 50° to 77°F)
- Dissolved Oxygen: 1 to 3 mg/L (usually achieved through aeration)
- Water must be free of the following:
 - o Chlorine
 - o Hydrogen Sulfide
 - o Heavy metals
 - o Ammonium nitrogen
 - o Phosphates
 - o Organics
 - o Hydrocarbon (benzene, methane, etc.)

Biological filtration, where feasible, can offer lower capital and operating costs than comparable physical/chemical processes because it produces less waste and often allows for a filter loading rate that is higher than most conventional filters. The waste that is produced by biological filters is more compact than waste that is produced by chemical oxidation resulting in less waste product and longer filter run times between backwashes. Typically, biological filters can have a filter loading rate that ranges from 8-24 gpm/ft², which is higher than most conventional filter media.

Biological filtration is not a recommended alternative unless Lake Geneva's existing iron removal facilities need to be replaced in entirety. However, if Lake Geneva's existing iron removal facilities cannot be expanded to meet future demands, biological filtration may be considered. If biological filtration is feasible with the raw-water characteristics of Lake Geneva's groundwater, the biological filtration alternative may offer higher treatment capacity without the need for larger facilities or expanding the treatment building. Biological filtration may also require less capital and operational costs than conventional oxidation-filtration facilities. This option is not recommended unless the existing iron filtration facilities cannot be retrofitted or expanded to meet future demands.

4.4.4 Oxidation and Filtration

The oxidation-filtration process for iron removal includes using an oxidizing agent to oxidize iron, causing it to precipitate. The precipitated material is then filtered from the water. The process typically involves the following steps:

1. **Oxidation:** An oxidizing agent, such as oxygen, chlorine, potassium permanganate, etc., is added to the raw water.

2. **Detention:** Detention allows for contact time between the iron and the oxidizing agent. The soluble iron is oxidized and forms a filterable precipitate. Minimum contact time can vary greatly depending on the oxidizing agent and the raw water quality.
3. **Clarification:** A clarification process is sometimes used to allow the precipitated iron to settle where it is removed as a sludge. Clarification is typically not necessary where the iron concentration is below 5-10 mg/L.
4. **Filtration:** A pressure filter is used to filter out the precipitated iron compounds. Typical filter media includes sand, or a variation of manganese dioxide coated media.

Different variations of oxidizing agents and filter types are discussed below. Table 16 shows several different oxidizing agents that can be used for iron removal. Oxidizing agents that are commonly used in municipal water treatment facilities are oxygen and chlorine. Lake Geneva's existing iron removal process includes oxygen as an oxidant which is injected using slat tray aerators in the storage reservoirs, and the addition of chlorine using hypochlorite injection at the wells.

Potassium permanganate, ozone, and chlorine dioxide offer much faster reaction times, but when used to remove iron alone, they are not typically as economical as chlorine or oxygen. Potassium permanganate provides the most benefit when it is used to remove manganese. Ozone and chlorine dioxide are also powerful oxidizing agents that can be used for iron removal, but they are typically more expensive than potassium permanganate and chlorine due to chemical costs of chlorine dioxide, and equipment costs of ozonation equipment.

Table 16: Oxidizing Agents for Iron Removal (adapted from "Iron and Manganese Removal Handbook, AWWA 2015)

Oxidant	Dosage Required (mg oxidant per mg Fe ²⁺)	pH	Reaction Time for Iron Oxidation
Oxygen (aeration) ¹	0.14	> 7.5	15 min
Chlorine ¹	0.64	> 8.0	15-30 min
Potassium Permanganate ²	0.94	> 5.5	<20 sec
Ozone	0.43	-	Instantaneous
Chlorine Dioxide	1.2	> 5.5	10 sec

¹Used in Lake Geneva's existing iron removal process

²Significantly longer reaction time when iron is complexed with natural organic matter

After the oxidation process, the oxidized iron is filtered out through a media filter. There are several different alternatives for filter media that are commonly used, including sand, greensand, manganese dioxide-coated sand, manganese dioxide ore, and Anthrasand. Sand filters are perhaps the most economical way to remove iron, providing low maintenance and high removal rates. Greensand, which is a glauconite mineral that is coated in manganese dioxide, can also be used for iron removal but it provides the most benefit when used in the removal of manganese. Greensand media requires the injection of potassium permanganate to continuously regenerate its manganese dioxide coating, making it more expensive than conventional sand filters in both capital and operational costs. Another alternative, manganese dioxide-coated sand, provides higher filter loading rates than a typical sand filter and does not require the injection of potassium permanganate to regenerate the coating. Manganese dioxide-coated sand provides about 2-4 times the filter loading rate of a conventional sand filter. Other filter media alternatives include manganese dioxide (pyrolusite) ore and Anthrasand. These alternatives exhibit similar filtration characteristics as manganese-coated sand. Table 17 presents a summary of each of the filter media.

Table 17: Filter Media Alternatives

Filter Media	Description/Notes	Typical Filter Loading Rate
Sand	Sand, appropriately sized for filtration. Most economical option.	3 gpm/ft ²
Greensand or Greensand Plus	Greensand is a sand-like glauconite coated in a layer of manganese dioxide. Requires the use of potassium permanganate to regenerate the coating. Greensand Plus is a synthetic version of greensand that is not derived from glauconite. Greensand Plus was created due to a limited supply of glauconite.	Up to 3 gpm/ft ²
Manganese Dioxide-Coated Sand	Exhibits properties similar to Greensand. Does not require regeneration using potassium permanganate. More available than greensand	6-12 gpm/ft ²
Manganese Dioxide Ore (Pyrolusite)	Pyrolusite is naturally occurring manganese dioxide. Often requires air scouring in the backwash process. More expensive than manganese dioxide-coated sand.	Up to 15 gpm/ft ²
Anthrasand	Base material of anthracite coal and silica sand, coated in manganese dioxide.	Based on pilot testing

Lake Geneva's existing filters are pressure sand filters. The filters provide adequate iron removal. However, the system has a reliable treatment capacity of 1,800 gpm (2.59 MGD), which is sufficient to supply the design maximum day demand of 1,660 gpm (2.39 MGD). The future developments discussed in this study are expected to raise the maximum day demand to 2,743 gpm (3.95 MGD). The treatment system must be expanded to meet these demands.

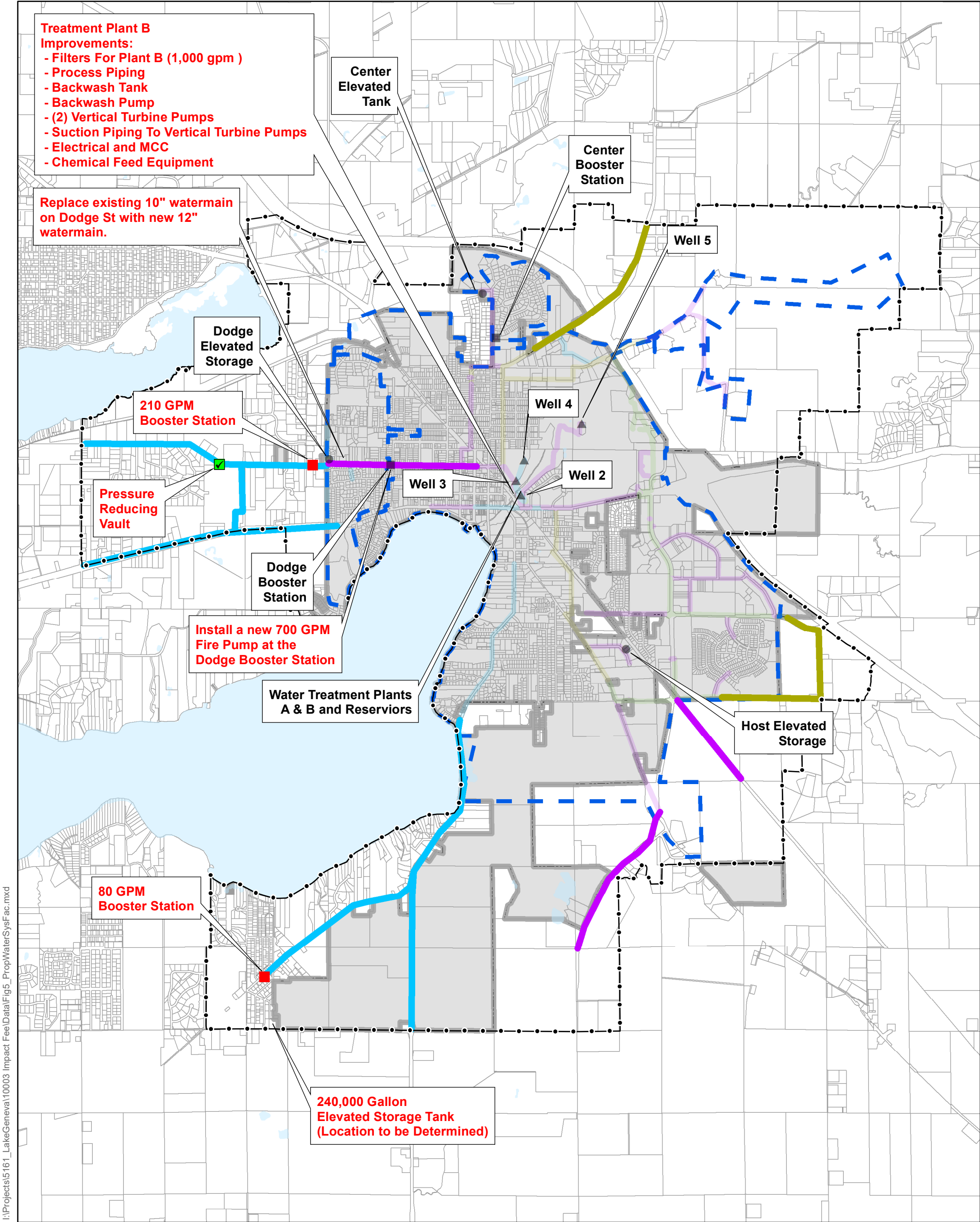
It is recommended that Lake Geneva expand its treatment system by installing new filter vessels at Plant B with manganese dioxide coated sand media. This type of filter media typically provides much higher filter loading rates than conventional sand media. Therefore, a conventional sand filter system would typically be much larger than a manganese dioxide coated sand filter system with a comparable capacity. The new filter vessels would operate in parallel with the existing one large pressure filter and provide the needed redundancy. The new system would consist of new independent suction piping from the reservoirs, two new vertical turbine booster pumps sized with 150 Hp motors, the pressure vessels, associated electrical work, and associated discharge process piping modifications at the connection to the main transmission main from the existing pressure filter at Plant B. The new filters would have a higher pressure drop across the filters compared to the existing filter since they would be operating at increased hydraulic loading rate. There is space in the existing building at Plant B for the additional pressure vessels, piping, and electrical components required.

4.4.5 Summary of Recommended Water System Improvements

The improvements to the water system facilities that are recommended to accommodate future development are summarized in Table 18 below. Figure 5 shows the proposed water system improvements.

Table 18: Recommended Water System Improvements

Location/Study Area	Description
Water Mains and Distribution	• 1,400 LF of 18" Water Mains From the Host Tower • 2,100 LF of 12" Water Mains From the Dodge Booster Station • 16,900 LF of 10" Water Main - Northwest Area • 5,600 LF of 10" Water Main - Northeast Area • 16,600 LF of 10" Water Main - South Area • 8,500 LF of 12" Water Main - South Area • 6,500 LF of 14" Water Main - South Area
Booster Stations and Storage	• 700 gpm Fire Pump – Dodge Booster Station • 240,000-gal Elevated Storage Tank – South Pressure Zone • 80 gpm Booster Station – South Pressure Zone • 210 gpm Booster Station – Northwest Pressure Zone
Treatment System, Plant B	• Filters with Manganese Dioxide-Coated Sand Media with Associated Mechanical and Electrical Work. • Two Additional Vertical Turbine Filter Feed Pumps with Associated Mechanical and Electrical Work and Suction Piping From Reservoirs.



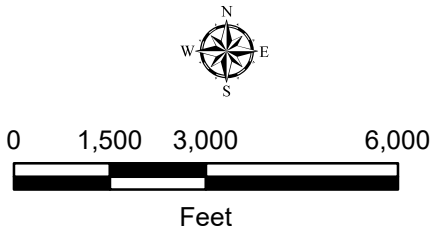
Date: January 2023

Figure 5

Proposed Water Distribution System Mains and Facilities

Water and Wastewater Utilities Impact Fee Study

- | | |
|----------------------------------|---------------------------|
| Existing Water Facilities | Proposed |
| ■ Booster Station | ■ Booster Station |
| ● Water Tower | ■ Pressure Reducing Vault |
| ▲ Well | |
| Existing Water Mains | Future Water Mains |
| — 10" | — 10" |
| — 12" | — 12" |
| — 14" | — 14" |
| — 16" | |
| — Water Pressure Zones | — Study Area |
| | — City Limits |



5 Wastewater System Expansion

5.1 WWTF

Wastewater at the WWTF was estimated with the same flow factors that were used in the existing capacity analysis as shown in Table 8. The flow factors were multiplied by the planned areas of different types of development as shown in Figure 2. Table 19 shows the RECs, population equivalent, and average flow for each sewer study area.

Table 19: Future Wastewater Demand by Study Area

Sewer Study Area	Land Use	Total Area (acres)	Developable Area (acres) ¹	RECs per acre	Total RECs	Population Equivalent ²	Average Flow (gpd) ³
B	Single Family Exurban	295	207	1.0	207	440	35,211
B-1	Single Family Residential	345	241	3.0	724	1,543	123,419
B-2	Agriculture & Vacant	240	168	0.5	84	179	14,290
C	Single Family Residential	278	195	3.0	584	1,244	99,551
C-1	Planned Neighborhood	79	55	2.5	138	294	23,498
C-2	Two-family/Townhouse Residential	18	12	4.0	50	106	8,445
C-3	Planned Mixed Use (Hotel)	232	162	7.0	1,142	2,432	194,544
C-4	Planned Office	65	46	1.2	55	116	9,318
C-5	Agriculture & Vacant	42	29	0.5	15	31	2,505
C-6	Planned Mixed Use	29	20	2.9	59	125	10,010
D	Planned Office	102	72	1.2	86	183	14,643
E	Planned Business	72	50	2.9	148	315	25,200
E-1	Planned Neighborhood	75	53	2.5	131	280	22,395
E-2	Government/Institutional - Other	10	7	1.2	8	18	1,400
F	Planned Neighborhood	40	28	2.5	71	150	12,017
G	Planned Neighborhood	315	221	2.5	552	1,175	93,993
G-1	Multi-Family Residential	48	33	2.9	98	208	16,625
G-2	Agriculture & Vacant	43	30	0.5	15	32	2,576
H	Planned Neighborhood (1 house/acre)	713	499	1.0	499	1,063	85,047
H-1	Planned Mixed Use	363	254	2.9	745	1,587	126,980
H-2	Agriculture & Vacant	451	316	0.5	158	336	26,904
H-3	Single Family Residential	55	39	3.0	116	248	19,824
I	Agriculture & Vacant	196	137	0.5	69	146	11,701
J	Agriculture & Vacant	249	174	0.5	87	186	14,856
J-1	Planned Neighborhood	10	7	2.5	18	38	3,071
K	Agriculture & Vacant	52	37	0.5	18	39	3,113
K-1	Single Family Residential	38	27	3.0	80	171	13,705
TOTAL		4,456	3,119		5,956	12,686	1,014,843

Notes

1. Use 70% of gross area for net developable area.
2. Use 2.13 people per household based on 2020 Census.
3. Use 80 gpcd for ave. daily flow per REC.

For the WWTF flow rates monthly average and peak hour rates were considered. The existing and incremental average daily flow rates are added together to determine the projected monthly average flow rates. The existing peak hour to monthly average flow rate ratio is 3.1:1. This is a relatively low peaking factor and is reflective of the significant lining work that the City has completed throughout the collection system in the last 20 years. To be conservative, a slightly higher peaking factor of 3.2:1 is used to calculate the projected peak hour flow rate. It is understood that the City will have to continue its successful program to monitor and address inflow and infiltration to maintain this low peaking factor into the future.

For pollutant loading, the following per capita pollutant loading rates were used:

BOD: 0.17 pounds per day (from WAC NR1110.15 (4)(b))

TSS: 0.20 pounds per day (from WAC NR1110.15 (4)(b))

TKN: 0.03 pounds per day (from an assumed per capita daily volume of 80 gallons and a typical concentration of 38 mg/L)

The per capita loadings were multiplied by the projected incremental population equivalent value of 12,686 and added to the existing loadings to derive the projections for full development in the area.

The existing, incremental, and total flow rates and pollutant loadings for the WWTF are summarized in Table 20.

Table 20: WWTF Projected Flow Rates and Loadings

Parameter	Design Value	Existing	Projected Incremental Flow Rate or Loading	Projected Total Flow Rate or Loading	Excess/(Deficit) Compared to Design Value
Ave. Monthly Flow Rate (MGD)	2.50	1.18	1.01	2.19	0.31
Peak Hourly Flow Rate (MGD)	5.20	3.62	3.25	6.87	(1.67)
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900	2,223	2,157	4,380	(480)
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100	2,709	2,537	5,246	(1,146)
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400	340	322	662	(262)

Numerous unit processes will need to be upgraded at the WWTF. Some facilities need upgrades because the design flow rates will be exceeded, and others because the pollutant loadings will be exceeded. Other upgrades are required for the hydraulics with the higher peak hour flow rate through the WWTF. The following sections detail the parts of the WWTF that need to be expanded.

The WWTF presently has an influent perforated plate screen rated for 5.2 MGD. At flow rates greater than this, the velocity of the water through the perforations is great enough that solids can be pulled through the screen instead of remaining on the upstream side. Space for a second screen to be operated in parallel with the existing screen is provided in a channel that is presently blocked off and used as a manual screen when the existing screen is non-operable because of maintenance. The second screen will have a washer/compactor at the first-floor level of the headworks building that will be like the existing washer/compactor at this floor level for the existing screen. Both washer/compactors will discharge to the existing dumpster. The cleaned and compressed screenings will be disposed of in a landfill.

The existing grit removal process consists of a concrete channel downstream of the screening process leading to a cylindrical tank. In this tank, centrifugal forces, induced with a motorized paddle, act to separate grit and heavier particles from the lighter particles and clear water. The grit and heavier particles accumulate in the center of the tank while the lighter particles and clear water accumulate at the edge of the channel. Another channel at a tangent to the cylindrical tank, allows the de-gritted water to flow

downstream to the influent pumping wet well. A self-priming pump conveys the grit from the center of the cylindrical tank to a grit washer at the finished floor level. The existing concrete channels and cylindrical tanks cannot be expanded because of space constraints. The peak hour flow rate is the governing condition when removing grit since at this condition most grit is transported from the collection system to the WWTF. To accommodate the increased peak hour flow rate to 6.87 MGD, a larger motor will be added to the paddle assembly to increase its rotational speed. A variable speed drive assembly will be used with the paddle motor. New controls will be set up so that the paddle speed is proportional to the instantaneous flow rate through the headworks. It is assumed that the grit washer will not have to be upgraded to handle the increased temporary grit loading during/after higher intensity rainfall events.

Influent pumping consists of six submersible pumps with a firm capacity of 5.2 MGD. The two pumps at the end of the wet well have 15 Hp motors and are rated for 600 gpm. The four middle wet well pumps are rated for 900 gpm and have 20 Hp motors. Two of these pumps were replaced in the last couple of years and have a little excess capacity. For the projected peak hour flow rate 6.87 MGD, several upgrades will be needed for the pumps and piping. The two end-pumps will be replaced with a 1,200-gpm pump rating with 25 Hp motors. The 6-inch discharge piping from these two pumps will be replaced with 10-inch piping. The tees at the top 16-inch header will be replaced with the new size pump discharge pipe. The two center pumps that are newer will need larger impellers. New motors are not required for these pumps. The other two center pumps will be replaced with new pumps with 25 Hp motors. Each pump discharge pressure will be approximately 51 feet at the projected peak hour flow rate. With these changes, and with one larger 25-Hp pump motor out of service, the firm capacity will be 6.87 MGD.

The WWTF has historically had poor settling of biosolids from the high fats, oils, and grease (FOG) content of its wastewater from the many restaurants in service during the tourism season. A FOG removal tank is proposed downstream of the headworks and upstream of the oxidation ditch. This will improve the biosolids settling performance and eliminate the need for a third final clarifier. The tank would measure 10 feet by 25 feet by 12 feet deep and would be constructed of reinforced concrete. Wastewater would flow through the tank and FOG would collect at the surface. A tube skimming device would be used where a tube in a rotational loop, would be introduced to wastewater surface where FOG accumulates. The tube surface would attract FOG and carry it out of the wastewater to a skimming device where the FOG is collected in a dumpster for final disposal. This process would happen continuously as the tube loop rotates in and out of the FOG tank. The tank would be mostly covered with grating to allow access if needed. Plug valves upstream and downstream of the tank would isolate the tank when it would not be in service in the colder months (November through April) when tourism is not prevalent in the City and the FOG content in the wastewater is decreased. The tube skimmer device would be located under a metal shelter with a roof for protection from rainfall.

At the oxidation ditch, two new replacement aerators would be installed to provide more aeration capacity for the higher pollutant loadings. This additional aeration capacity would increase the BOD and TKN removal capacity, taking into account the higher seasonal loadings in the summer months. The new replacement aerators would be located at the north end of the ditch with a 50-Hp unit that spans the outer and middle channels, and the south end of the ditch with a 25-Hp unit that spans only the outer channel. The actual upgrade at the oxidation ditch will likely be more extensive than these upgrades to replace aeration equipment that is approaching the end of its service life. These costs are not included in the analysis.

The splitter box just upstream of the two final clarifiers has two approximately 6 foot long straight-edged weirs. The weirs at the splitter must be increased in length to keep the head above the weirs at its present maximum design with the higher peak hour flow rate. Each weir will be replaced with a fingered weir with a length of 14 feet to maintain the existing hydraulic grade-line through the facility.

The WWTF has occasional higher solids content in the effluent. The City has also questioned if preliminary clarifiers are needed to achieve better settling performance. A review of the sizing of the final clarifiers indicates that the existing clarifier hydraulic loading rate with two clarifiers on-line under peak hour flow rate conditions, is well under the WAC design code requirement of a maximum of 1,200 gallons per day per ft² of clarifier area. With the oxidation ditch activated sludge WWTF process type of Lake Geneva, preliminary clarifiers are not needed. Preliminary clarifiers are typically used in the conventional activated sludge process where it is important to remove a portion of the organic influent loading before the main activated sludge treatment process. Having preliminary clarifiers would produce primary biosolids that the WWTF is not equipped to manage. Primary biosolids are typically digested with an anaerobic process that the existing WWTF does not have. It would be very expensive to add an anaerobic digestion system at the WWTF. In addition, primary clarifiers are not appropriate to be added to the WWTF to improve the solids settling as they do not fit into the existing treatment scheme.

To improve the solids settling and to position the WWTF for future growth with increased flow rates, the existing clarifier feed wells can be retrofitted with a series of baffles to promote more contact of the solids in this area. The feed well is the area that the mixed liquor from the oxidation ditch is first introduced to in the final clarifiers. Presently, the clarifiers do not have these baffles at the feed wells. With the baffles, more contact of solids will occur within the mixed liquor and larger flocs of solids will be formed. These larger flocs will settle faster improving the performance of the overall final clarifier system.

Another improvement to the existing final clarifiers would be the addition of Stamford baffles. These are baffles on the outer wall of the clarifiers meant to diffuse density currents that can cause solids to carry solids up along the wall and flow to the inboard launder. The baffles help prevent this phenomenon by dissipating the energy along the wall. The baffles have proved to be successful in other WWTFs with occasional higher solids content in their effluent.

The clarifier influent well baffle system and the Stamford baffles along the outer walls will also help the WWTF manage the future needed performance of the final clarifier system with higher hydraulic and solids loading. A third final clarifier and the associated new splitter box and underground piping are not included as future WWTF improvements. The clarifier influent well baffle system and the Stamford baffles are included as future WWTF improvements.

The final clarifier effluent flows to a clear well where three vertical turbine type effluent pumps convey the treated water through a 20-inch force main to seepage cells on the far east part of the City. The effluent pumps are rated at 2,200 gpm at 92 feet TDH and have 75 Hp motors. For the projected peak hour flow with one pump out of service, the pumps need to be upsized to 2,400 gpm at approximately 94 feet TDH with 100 Hp motors. Given the age of the pumps and the unknown feasibility of the pump head being compatible with a larger motor, we recommend that the pumps be replaced in kind. The pumps will also be outfitted with variable frequency drives and new controls to maintain an approximate constant clear well water level. As the flow rate increases to the clear well, the pumping rate will increase through the use of the pump motor variable frequency drives; as the flow rate decreases, the pump rate will decrease using the drives. With the new pump controls and programming, the high level of the clear well will decrease approximately one foot to improve the hydraulics of the final clarifier effluent flowing the final clarifier effluent launders to the clear well.

To help with the WWTF hydraulics between the oxidation ditch and the final clarifiers, it is assumed the RAS pumping rate will be decreased during the projected peak hour flow rate instead of the typical 1:1 flow rate match of the RAS to the forward flow. It is assumed that at the peak hour flow rate, the RAS flow rate would be 2,000 gpm (instead of 4,800 gpm).

City staff have also indicated that the solids process at the WWTF with the belt filter press is a constraint in the overall solids handling and management process. The City reports that the output from the press is limited to approximately 16% solids by weight. The dewatered cake is stored in a building with limited storage capacity, little air movement and no sunlight. No additional drying takes place in the building. With

time, the biosolids cake from the belt press slumps down and becomes water-logged, limiting the storage volume in the building. To address this issue with new growth in the City, a new sludge dewatering device is proposed. The dewatering device is a newer technology using a series of volutes to compress liquid biosolids into cake at 17-19% solids. This is higher than the solids content from the existing belt press. In addition, a biosolids dryer/dehumidifier is proposed to be added to the solids process after dewatering to dry the biosolids to above 90% solids. The dryer will greatly reduce the storage volume required and maximize the use of the existing building. It is assumed the volute press and dryer would fit within the existing pole building. This equipment is included in the future WWTF improvements.

5.2 Pumping Stations and Force Mains

The future flow rates within the sewer collection system were estimated using the area flow rates by land use type summarized in Table 8. The average flow rate coming from each sewer study area was estimated by multiplying the total developable acreage by the number RECs per acre for the corresponding land use type. Assuming 2.13 people per REC and an average sewer flow of 80 gallons per capita per day, the average flow for each study area was estimated and is summarized in Table 18. The total average flow that is expected to come from the future development of the sewer study areas is 1.01 MGD.

The study areas were analyzed to determine pumping station needs. Flows to existing and future pump stations were estimated using the area flow factors shown in Table 8. The peak hour flow rate to each pumping station was found using peaking factors as listed in Table 2 of the DNR Code NR110.

The future development within the study areas will contribute more flow to the Pioneer and Bigfoot pumping stations. The Bigfoot pump station, which has a capacity of 325 gpm, will receive flows from H, H-2, H-3, K, and K-1 and will require an additional 115 gpm to meet future demands. The Pioneer pump station, which is estimated to have a capacity of 198 gpm, will receive sewer flows from E-1, E-2, F, G, G-1, G-2, H-1, I, and J and will be completely replaced with a new 1,100 gpm facility. The future developments are expected to necessitate the construction of nine new pumping stations, as summarized in Table 21.

Table 21: Future Pumping Station Capacity Analysis

Pump Station	New Upstream Areas Served	Developabl e Area (acres)	Land Use	RECs	Average Flow (gpm)	Peaking Factor	Future Peak Hour Flow (gpm)	Force Main Diameter (in)	Force Main Length (ft)
NEW PUMP STATIONS									
S Lakeshore Dr	H-3, K, K-1, and a Portion of H-2	263.8	Single Family Residential	791	93.7	5	468	6	3,400
Townline Rd	G, G-2, J	181.3	Planned Neighborhood	453	53.6	5	268	6	1,300
McDonald Rd	B	206.6	Single Family Exurban	207	24.5	5	122	4	4,300
Grandview Dr	Portion of B-1	60.8	Single Family Residential	182	21.6	5	108	4	2,800
Lake Forest Cir	Portion of B-1	55.7	Single Family Residential	167	19.8	5	99	4	2,300
Sheridan Springs Rd	C-1	45.6	Planned Neighborhood	114	13.5	5	67	4	1,300
North State Rd 120	C-3	162.1	Planned Mixed Use (Hotel)	1,142	135.1	5	675	8	2,700
Park Dr	Portion of C, and C-6	85.9	Single Family Residential	258	30.5	5	152	4	4,100
South State Rd 120	H-1	435.3	Planned Mixed Use	1,277	151.1	5	756	8	2,200
Pump Station (Existing Firm Capacity)	Existing Average Flow (gpm)	New Upstream Areas Served		RECs	Future Average Flow (gpm)	Peaking Factor	Future Peak Hour Flow (gpm)	New Force Main Diameter (in)	New Force Main Length (ft)
EXISTING PUMP STATIONS ¹									
Bigfoot Pump Station	29.1	H, H-2, H-3, K, K-1		1,118	103.2	5	516	N/A ²	N/A ²
Pioneer Estates (198 gpm) ¹	31.7	E-1, E-2, F, G, G-1, G-2, H-1, I, J		2,080	214.5	5	1,072	10	3,300

1 Only the existing pump stations that will need modifications to accommodate future developments are shown in this table.

2 The Bigfoot Pump Station has a force that is 6-inches in diameter which has enough capacity to accommodate planned developments

5.3 Interceptor Sewers

The interceptor sewers were analyzed under future flow conditions using the Manning open flow equation in the same manner that they were analyzed under existing flow conditions, as summarized in Table 9. This analysis was used to determine whether the interceptor sewers have enough capacity for the future development.

In 2019 and 2020, MSA Professional Services, Inc. performed two in-depth sewer studies using a hydraulic model. Recommendations from these two studies are incorporated into the recommendations that result from the analysis done as a part of this study. It was found that three interceptor sewers need to be replaced with larger piping.

The sewer analysis done in this study was done using a “snapshot” method, where the interceptor sewers were analyzed at multiple locations throughout the collection system. The flow at each location was estimated by quantifying the contributing acreage of each land use type and multiplying that by the flow-area factors shown in Table 8. The “snapshots” were completed in general at the end of each interceptor sewer. For longer interceptors, such as the East, Lake Shore Drive, and Dodge Street interceptors, an analysis was done at the mid-point of the pipes. At each location where the pipe capacity was analyzed, up to ten more upstream pipe-lengths were also analyzed. To be conservative, the same peak hour flow rate was used for each upstream manhole segment.

A sewer study that was done by MSA Professional Services (MSA) in 2019 included a sewer system model of the entire sewer collection system. This model was calibrated using flow metering to improve the accuracy of the model. This study concludes that the existing sewer collection system has enough capacity to accommodate all existing sewer flows, the Symphony Bay development area (sewer study areas G-1, G-2 and half G and J) and 25% of the Southeast development area (sewer study areas E-1, F, J-1, and half of G and J). This study does not make recommendations as to which sewer interceptors should be upsized to meet future sewer flows.

A second sewer study by MSA in 2020 focused on the Southeast development area and the East Interceptor Sewer. This study concluded that the East interceptor sewer does not have enough capacity to meet expected peak flows from the future development. This MSA study recommends that the south segment of the East interceptor be upsized from an 18-in to a 24-in diameter, and that the north segment be upsized from a 21-in to a 27-in diameter.

Through the “snapshot” sewer analysis, as summarized in Table 22, it was found that portions of the Lake Shore Drive, East, and Dodge interceptors do not have enough capacity to meet future flows. It is recommended to replace parts of these interceptors with larger diameter sewers to accommodate the projected sewer flows. The “snapshot” analysis shows that only a portion of the East Interceptor needs to be replaced, however, because a more detailed analysis was done in the past where MSA recommended full replacement, it is assumed that a full replacement of this interceptor is required. The recommended diameters for these interceptor sewers are listed in Table 22.

Table 22: Interceptor Sewer Existing Capacity Summary

Pipe At Location						
Location	Interceptor Sewer	Diameter (in)	Future Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Future Remaining Capacity (cfs)	Recommended Pipe Size (in)
1	Lake Shore Drive	8	1.13	0.90	(0.23)	12
2	Lake Shore Drive	12	0.88	9.75	8.87	-
3	Lake North	14	1.27	2.50	1.23	
4	East ¹	18	2.78	6.33	3.55	24
5	East ¹	21	3.72	5.01	1.29	30
6	Dodge Street	12	1.44	7.19	5.74	12
7	North	18	1.72	4.30	2.58	
8	George Street	8	0.47	1.27	0.80	
9	Lake North Central	18	2.23	6.20	3.97	
10	Lake North Central	21	2.47	8.78	6.32	
11	Lake North Central	21	2.60	32.31	29.71	
12	Lake North Central	30	7.30	11.60	4.30	

Pipe W/ Min Capacity Upstream of Location						
Location	Interceptor Sewer	Pipe Diameter (in)	Future Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Future Remaining Capacity (cfs)	Recommended Pipe Size (in)
1	Lake Shore Drive	8	1.13	0.90	(0.23)	12
2	Lake Shore Drive	8	0.88	2.2	1.37	-
3	Lake North	14	1.27	1.93	0.66	-
4	East ¹	18	2.78	4.3	1.52	24
5	East ¹	21	3.72	2.92	(0.81)	30
6	Dodge Street	8	1.44	0.6	(0.89)	12
7	North	10	1.72	2.50	0.78	-
8	George Street	8	0.47	0.8	0.33	-
9	Lake North Central	18	2.23	6.20	3.97	-
10	Lake North Central	18	2.47	3.6	1.17	-
11	Lake North Central	21	2.60	5.01	2.41	-
12	Lake North Central	30	7.30	11.6	4.30	-

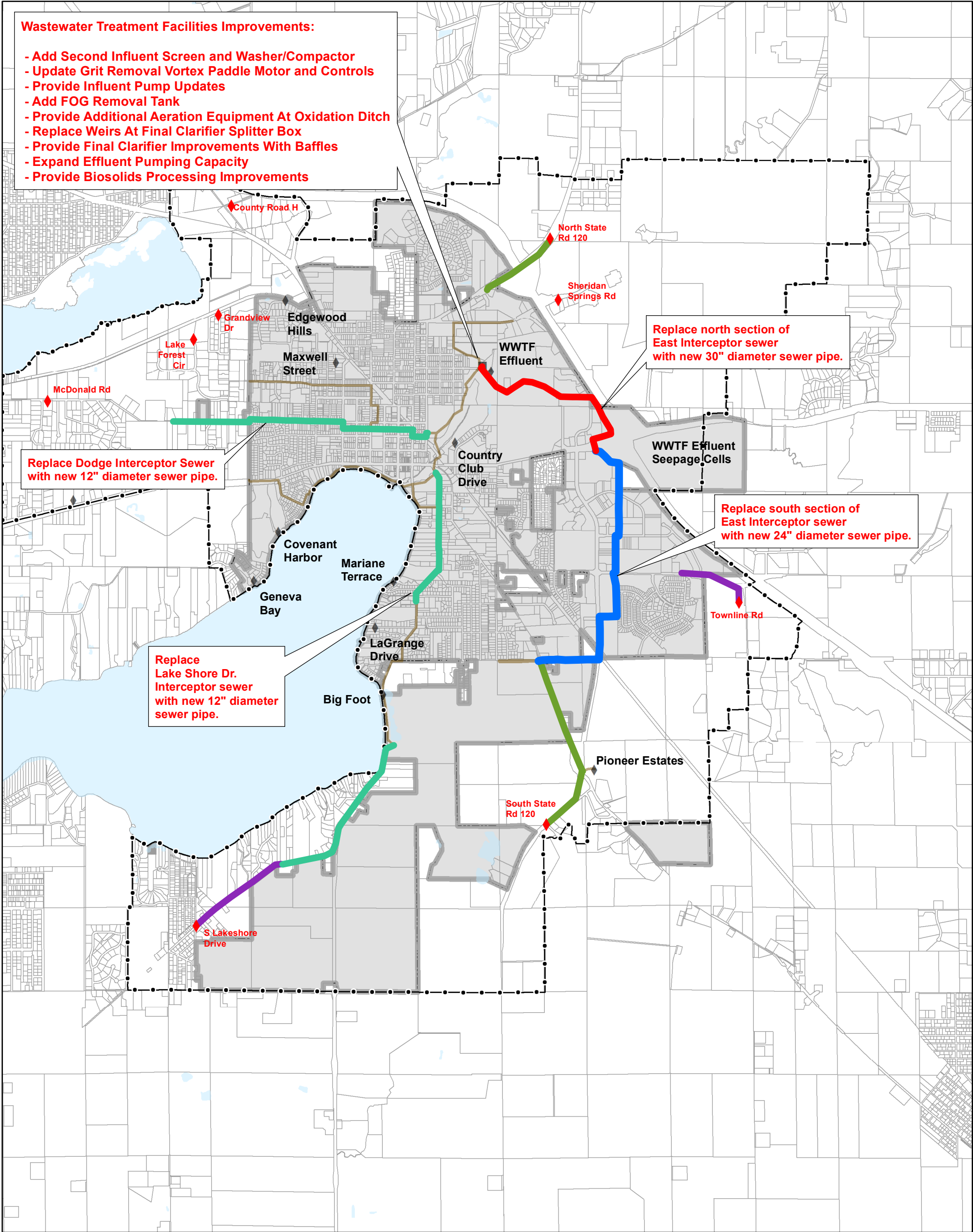
¹ A detailed analysis of the East Interceptor Sewer was performed by MSA Professional Services in 2020. Recommendations of improvements to the East Interceptor are taken from the study done by MSA.

5.4 Summary of Recommended Wastewater System Improvements

The improvements to the wastewater facilities and utilities that are recommended to accommodate future development are summarized in Table 23 below. Figure 6 shows the proposed wastewater system improvements.

Table 23: Recommended Wastewater System Improvements

Location/Study Area	Description
WWTF	• Add Second Influent Screen and Washer/Compactor • Update Grit Removal Vortex Paddle Motor and Controls • Provide Influent Pump Updates With Replacement Pumps and Impeller Change-Outs • Add FOG Removal Tank Downstream of Headworks • Provide Additional Aeration Equipment at Oxidation Ditch • Replace Weirs At Final Clarifier Splitter Box To Achieve Greater Weir Length • Add Stamford Baffles and Feed Well Baffle System At Final Clarifiers • Replace Effluent Pumps With New , Motors, and Controls. • Provide Biosolids Processing Improvements with Volute Press and Dryer
Interceptors and Gravity Sewers (>=10-inch)	• Lake Shore Drive Interceptor Sewer – 2,800 LF of 12" Sewer Main • East Interceptor Sewer – 11,200 LF of 24" Sewer Main • East Interceptor Sewer – 6,700 LF of 30" Sewer Main • Dodge St Interceptor Sewer – 8,300 LF of 12" Sewer Main
Pumping Stations and Force Mains (>=6-inch)	• S Lakeshore Dr Pump Station (468 gpm) • S Lakeshore Dr – 3,400 LF of 6" Force Main • Townline Rd Pump Station (268 gpm) • Townline Rd – 1,300 LF of 6" Force Main • McDonald Rd Pump Station (122 gpm) • Grandview Dr Pump Station (108 gpm) • Lake Forest Cir Pump Station (99 gpm) • Sheridan Springs Rd Pump Station (67 gpm) • North State Rd 120 Pump Station (675 gpm) • North State Rd 120 – 2,700 LF of 8" Force Main • Park Dr Pump Station (152 gpm) • South State Rd 120 Pump Station (756 gpm) • South State Rd 120 – 2,200 LF of 8" Force Main • Bigfoot Pump Station – Upgrade to 516 gpm • Pioneer Estates Pump Station – Upgrade to 1,072 gpm • Pioneer Estates Pump Station – 3,300 LF of 10" Force Main

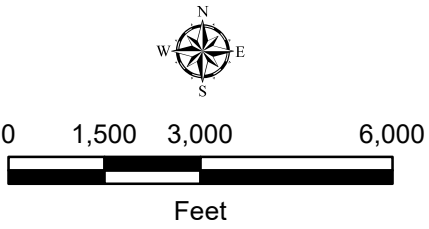


Date: November 2022

Figure 6

Proposed Wastewater Collection System and Facilities
Water and Wastewater Utilities Impact Fee Study

- ◆ Proposed Pump Station
- Proposed Sewer Main**
 - 12"
 - 24"
 - 30"
- Proposed Force mains**
 - 6"
 - 8"
- Wastewater Treatment Facility
- ◆ Pumping Station
- Existing Interceptors
- Study Area
- City Limits



6 Costs

For construction costs, Ruekert/Mielke, Inc. (R/M) has developed cost curves from previous bid out water and wastewater projects indexed to current year costs. These were developed for water booster stations based on pumping capacity and elevated storage tanks in the spheroid configuration based on storage volume. For the booster stations cost curve, a buried structure is assumed for very small capacities while a building is assumed for intermediate to larger capacities. For the one additional booster station required in the City, an additional factor was added to account for a small building instead of having it in a buried steel structure. With this change, the new booster station would be similar to other small booster stations in the City.

For wastewater, a pumping station cost curve was developed based on pumping capacity. It is assumed that each pumping station is the submersible type with a small building for controls and a standby generator. These curves were used to identify costs for Lake Geneva with the projected conditions. The cost curves are included in Appendix A.

For utilities, unit costs were used based on bid prices and quantities from recent R/M historical records adjusted for current conditions. For new facilities at the water and wastewater treatment facilities, custom costs were developed based on coordination with manufacturers and contractors for specific requirements.

A 35% factor was used for engineering, legal and contingencies after the construction cost was identified. Tables 24 and 25 show the water and wastewater system costs, respectively.

Some costs for both the water and wastewater systems are prorated to take into account that there is an existing deficiency, or that a particular equipment item is partly for redundancy and partly for capacity expansion. For example, an existing water system deficiency that was identified during the analysis is the reservoir fill line for the Host Tower. The fill line is 12-inches in diameter, which does not have the capacity to convey the fire flow of 3,500 gpm without significant pressure loss. The total cost of the existing water system deficiencies is estimated to be about \$392,000. This cost is not included in the total project costs.

In the wastewater system it is logical from an operational standpoint, to provide a second identical screen to provide redundancy and to meet the peak hour rate requirement. For facilities with an average daily flow of over 2.0 MGD, it is common to have a second screen for redundancy. In this case, by adding the second screen rated at 5.2 MGD, the extra capacity is $6.87 \text{ MGD} - 5.20 \text{ MGD} = 1.67 \text{ MGD}$. The remaining capacity of the screen (3.53 MGD) is for operational redundancy with is important as WWTF's increase in size. Therefore, 22.4 % ($1.67 \text{ MGD} / 5.2 \text{ MGD}$) of the full cost of the second screen is included in the analysis.

Table 24: Water System Improvement Costs

Number	Item	Unit	Quantity	Unit Price	Total
Water Mains and Distribution					
1	10" Water Main - Northwest Area	LF	18,300	\$180	\$3,294,000
2	14" Water Main - Northeast Area	LF	5,600	\$230	\$1,288,000
3	10" Water Main - South Area	LF	16,600	\$180	\$2,988,000
4	12" Water Main - South Area	LF	8,500	\$200	\$1,700,000
5	14" Water Main - South Area	LF	6,500	\$250	\$1,625,000
6	18" water mains from the Host Tower ¹	LF	1,400	\$280	\$392,000
7	12" water mains from the Dodge Booster Station	LF	2,100	\$200	\$420,000
SUBTOTAL					\$11,707,000
SUBTOTAL PRORATED					\$11,315,000
Booster Stations and Storage					
7	700-gpm Fire Pump - Dodge Booster Station	EA	1	\$40,000	\$40,000
8	240,000 gal Elevated Storage Tank - South Pressure Zone	LS	1	\$1,830,000	\$1,830,000
9	80 gpm Booster Station - South Pressure Zone	LS	1	\$600,000	\$600,000
10	210 gpm Booster Station - Northwest Pressure Zone	LS	1	\$700,000	\$700,000
11	Pressure Reducing Vaults - Northwest Area (PRV Zones)	LS	1	\$125,000	\$125,000
SUBTOTAL					\$3,295,000
SUBTOTAL PRORATED ²					\$3,170,000
Treatment System					
12	Filters For Plant B (1,000 gpm)	LS	1	\$430,000	\$430,000
13	Extra Installation Effort (Knock Out Wall)	LS	1	\$20,000	\$20,000
14	Process Piping	LS	1	\$115,000	\$115,000
15	BW Tank	LS	1	\$70,000	\$70,000
16	BW Pump	LS	1	\$10,000	\$10,000
17	Vertical Turbine Pumps	EA	2	\$96,000	\$192,000
18	Suction Piping To Vertical Turbine Pumps	LS	1	\$165,000	\$165,000
19	Electrical and MCC	LS	1	\$120,000	\$120,000
20	Chemical Feed Equipment	LS	1	\$18,000	\$18,000
SUBTOTAL					\$1,140,000
SUBTOTAL PRORATED ²					\$1,140,000
SUBTOTAL					\$15,625,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)					\$5,469,000
TOTAL PROJECT COSTS					\$21,094,000

Table 25: Wastewater System Improvement Preliminary Cost Estimate

Number	Item	Unit	Quantity	Unit Price	Total
WWTF					
1	Screen Equipment Mechanical and Electrical	EA	1	\$325,000	\$325,000
2	Screenings Washer and Compactor Equipment Mechanical and Electrical	EA	1	\$130,000	\$130,000
3	Grit Removal Paddle, Motor, VFD and Controls	LS	1	\$35,000	\$35,000
4	Influent Pumping - Replace End Pumps With 25 Hp, 1,200 GPM Pumps at 51 Ft. TDH. Update Controls.	EA	2	\$65,000	\$130,000
5	Influent Pumping - Replace End Pump Discharge Piping From 6-Inch to 10-Inch	LS	1	\$13,000	\$13,000
6	Influent Pumping - Replace End Pump Discharge Piping Tees at Main Header	EA	2	\$5,000	\$10,000
7	Influent Pumping - Replace Middle Pump Impeller To Get 900 GPM Pumps at 51 Ft. TDH.	EA	1	\$6,000	\$6,000
8	Influent Pumping - Replace Middle Pump To Get 900 GPM Pumps at 51 Ft. TDH.	EA	1	\$38,000	\$38,000
9	FOG Tank - Excavation and Backfill	LS	1	\$18,000	\$18,000
10	FOG Tank - Concrete	CY	60	\$1,200	\$72,000
11	FOG Tank - Skimmer	LS	1	\$80,000	\$80,000
12	FOG Tank - Electrical and Controls	LS	1	\$40,000	\$40,000
13	FOG Tank - Mechanical Connections and Valves	LS	1	\$30,000	\$30,000
14	FOG Tank - Misc. Metals and Grating	LS	1	\$45,000	\$45,000
15	Oxidation Ditch - New Aerators	LS	1	\$405,000	\$405,000
16	Splitter Box Weir Replacement	EA	2	\$8,000	\$16,000
17	Final Clarifier - Stamford Baffles	EA	2	\$42,000	\$84,000
18	Final Clarifier - Baffle System at Feedwell	EA	2	\$62,000	\$124,000
19	Effluent Pumps - Replace Pumps With Firm of 2,400 GPM. Increase Motor Size to 100 Hp. Add VFDs and Update Controls	EA	3	\$68,100	\$204,300
20	Biosolids Volute Press and Dryer - Demolition, Equipment, and Mechanical	LS	1	\$3,224,000	\$3,224,000
21	Biosolids Volute Press and Dryer - Electrical and Controls	LS	1	\$170,000	\$170,000
22	Biosolids Volute Press and Dryer - Building Updates (Internal Walls, Lighting, HVAC)	LS	1	\$130,000	\$130,000
SUBTOTAL					\$5,329,300
SUBTOTAL PRORATED					\$4,976,220

Table 25: Wastewater System Improvement Preliminary Cost Estimate

Interceptors Gravity Sewers					
23	Lake Shore Drive Interceptor Sewer - 12" Sewer Main	LF	2,800	\$275	\$770,000
24	East Interceptor Sewer - 24" Sewer Main	LF	11,200	\$400	\$4,480,000
25	East Interceptor Sewer - 30" Sewer Main	LF	6,700	\$450	\$3,015,000
26	Dodge St Interceptor Sewer - 12" Sewer Main	LF	8,300	\$275	\$2,282,500
				SUBTOTAL	\$10,547,500
Pumping Stations and Force Mains					
27	S Lakeshore Dr Lift Station (468 gpm)	LS	1	\$730,000	\$730,000
28	S Lakeshore Dr - 6" Force Main	LF	3,400	\$130	\$442,000
29	Townline Rd Lift Station (268 gpm)	LS	1	\$630,000	\$630,000
30	Townline Rd - 6" Force Main	LF	1,300	\$130	\$169,000
31	McDonald Rd Lift Station (122 gpm)	LS	1	\$550,000	\$550,000
32	Grandview Dr Lift Station (108 gpm)	LS	1	\$550,000	\$550,000
33	Lake Forest Cir Lift Station (99 gpm)	LS	1	\$550,000	\$550,000
34	Sheridan Springs Rd Lift Station (67 gpm)	LS	1	\$500,000	\$500,000
35	North State Rd 120 - Lift Station (675 gpm)	LS	1	\$790,000	\$790,000
36	North State Rd 120 - 8" Force Main	LF	2,700	\$150	\$405,000
37	Park Dr Lift Station (152 gpm)	LS	1	\$560,000	\$560,000
38	South State Rd 120 - Lift Station (756 gpm)	LS	1	\$800,000	\$800,000
39	South State Rd 120 - 8" Force Main	LF	2,200	\$150	\$330,000
40	Bigfoot Lift Station Lift Station - Upgrade to 516 gpm	LS	1	\$730,000	\$730,000
41	Pioneer Estates Lift Station - Upgrade to 1,072 gpm	LS	1	\$920,000	\$920,000
42	Pioneer Estates Lift Station - 10" Force Main	LF	3,300	\$170	\$561,000
				SUBTOTAL	\$9,217,000
				SUBTOTAL	\$24,740,720
				ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)	\$8,660,000
				TOTAL PROJECT COSTS	\$33,400,720

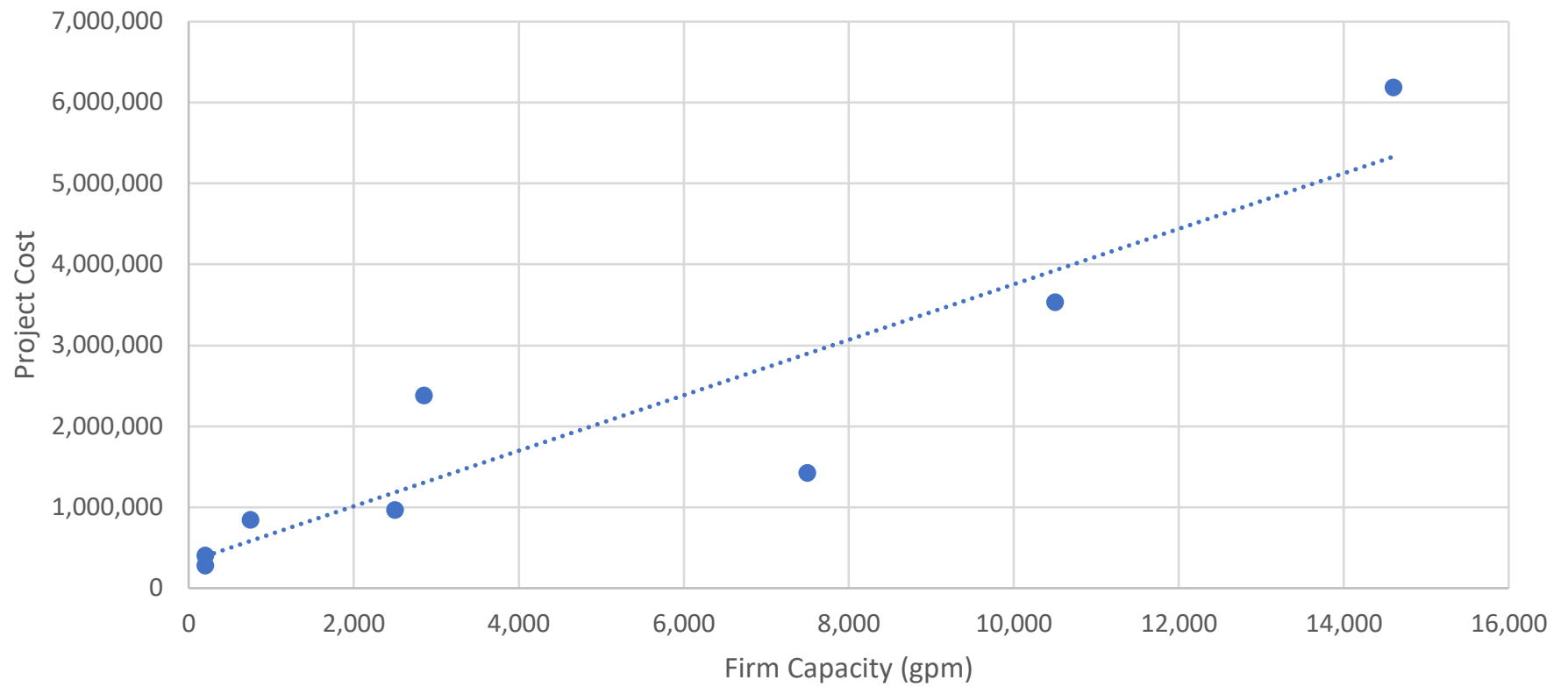
7 Summary and Conclusion

Using the City's projected land use, growth patterns, and applicable water demand and wastewater factors, the year 2042 population equivalent is 12,786. This equates to 6,003 additional RECs. The total cost for the water and wastewater systems are \$21,094,000 and \$33,401,000 respectively.

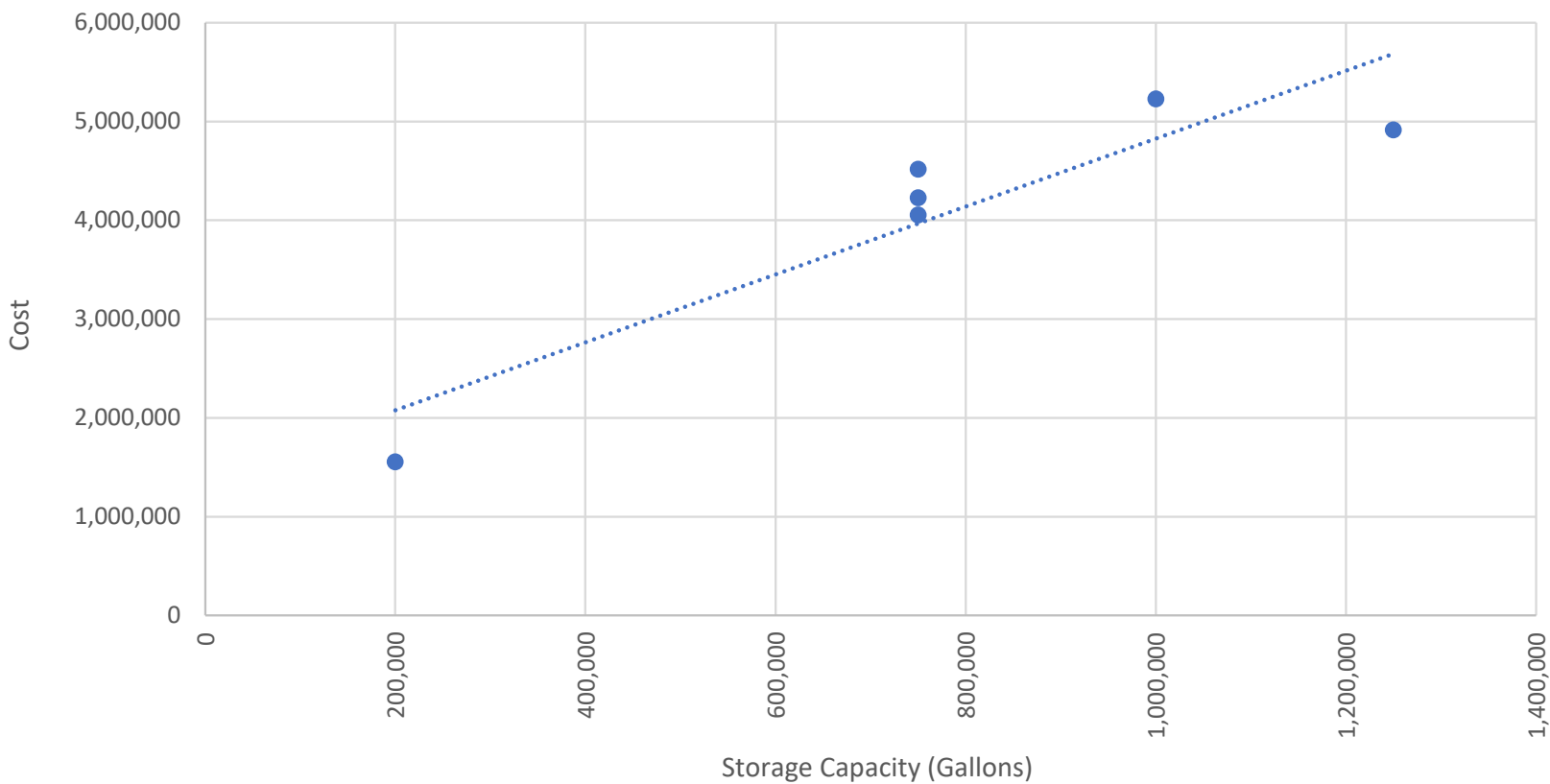
Appendix A

Cost Curves: Lift Stations, Booster Stations, and Elevated Storage Tanks

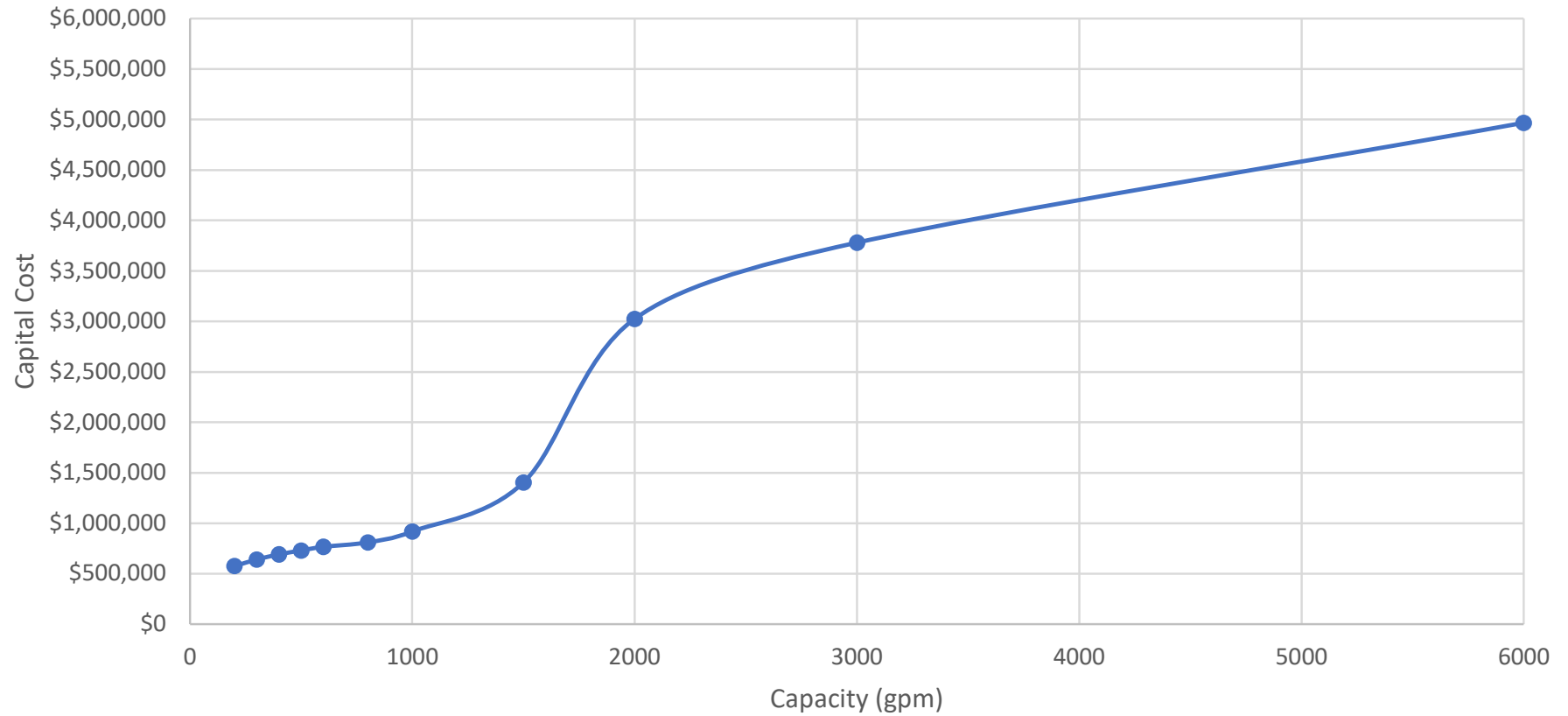
Booster Station Construction Costs



Elevated Storage Tank Construction Cost



Sanitary Pumping Station Construction Cost, \$



Public Facilities Needs Assessment and Impact Fee Study – DRAFT



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Public Facilities Needs Assessment and Impact Fee Study

February 2023



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PUBLIC FACILITIES NEEDS ASSESSMENT AND IMPACT FEE STUDY

PURPOSE AND BACKGROUND

Impact fees are designed to recover the costs of public facilities needed to serve new growth. The city of Lake Geneva (Lake Geneva) enacted impact fees in 2004, and since then, it has met some of the needs created by new growth.

This study by Ruekert & Mielke, Inc. (R/M) and Lake Geneva updates the existing fees for the parks and recreation facilities, the water system facilities, and the sanitary sewer system facilities. It proposes adding fees for department of public works facilities and library facilities.

This study is a public facility needs assessment under Wisconsin Statutes § 66.0617(4). This study develops and recommends impact fees that comply with the impact fee standards in Wis. Stat. § 66.0617(6).

State statutes grant much latitude to municipalities in how they spend impact fee funds. As the footnotes to Wis. Stat. § 66.0617 explain, the law “allows a municipality to impose impact fees for a general type of facility without committing itself to any particular proposal before charging the fees.”

Therefore, the level of detail provided in prior studies is not needed in this current study and may even give the impression that Lake Geneva does not have flexibility in its spending of impact fee funds. The footnotes to the statutes make explicit that a “municipality must be allowed flexibility to deal with the contingencies inherent in planning.” The project details in this study represents Lake Geneva’s best planning at this time, but Lake Geneva reserves its statutory right to alter its planning to best suit evolving needs after this study is finished.

As required by the Wisconsin statutes, each section contains an inventory of existing facilities, a list of future projects, the service standards, existing deficiencies, and the calculation of the impact fee. The study also contains the required analysis on the effect of the impact fees on housing affordability.

Before this impact fee study was created, a feasibility analysis was conducted to determine whether to conduct a full impact fee study for facilities that currently do not have impact fees. This analysis includes detailed explanations of impact fees, examples, and best practices. This analysis can be found in Appendix A.

GENERAL

The growth forecast and service area give a common framework for developing impact fees for specific facility types.

Growth Forecast

Lake Geneva’s comprehensive plan based its residential forecast on the Wisconsin Department of Administration’s (DOA) forecast. The table below starts with 2020 population because of the

reliability of US Census data, and then it applies the same annual growth rate as the DOA's 2020 to 2040 forecast for the period of 2022 to 2042. Since the 20-year growth remains the same, the net increase is also the same with 790 people in this forecast.

Table 1 - Population Forecast		
Year	Residential Population	Change Since 2022
2020	8,227	
2022	8,304	
2027	8,502	198
2032	8,699	395
2037	8,897	593
2042	9,094	790

The 2020 number of residential units below comes from US Census data divided by the average number of people per household per the US Census (2.13), rounded to the nearest whole number. To determine the total number of future housing units, the comprehensive plan included a forecast of seasonal residences. Since those units require infrastructure to serve them, they are included in the forecast numbers below. This forecast for 2022 to 2042 assumes the same net change in housing units as the comprehensive plan does for 2020 to 2040.

Table 2 - Residential Unit Forecast		
Year	Residences	Change Since 2020
2020	3,862	
2022	3,975	
2027	4,257	282
2032	4,496	521
2037	4,594	619
2042	4,622	647

This forecast assumes an annual growth rate for residential units of approximately 0.8 percent. If Lake Geneva grows at a significantly higher or lower rate, especially over the course of several years, Lake Geneva should update its impact fees to reflect this change.

The housing-unit forecast is used to calculate fees that are charged to residential development. To divide new-growth costs between residential and nonresidential development, equalized values have been used. The equalized values from the 2021 Statement of Changes in Equalized Values from the Wisconsin Department of Revenue determine the allocation of costs between residential and non-residential development.

Table 3 - Growth Share		
Type of Development	2021 Equalized Value	Share of Total
Residential	\$ 1,219,585,800	75.2%
Nonresidential *	\$ 401,599,200	24.8%
	\$ 1,621,185,000	100.0%

* Nonresidential = Commercial + Manufacturing

Since residential development is approximately three-quarters of the equalized value, approximately three-quarters of the cost of new-growth projects are allocated to residential housing units, with the remainder allocated to nonresidential development.

To allocate certain costs among the industrial, institutional, and commercial developments, a forecast of incremental building space was created. Nonresidential development would be charged a cost per square foot of gross building area. First, total nonresidential development was taken from row F in Figure 5.7 of the City's comprehensive plan, which shows a net increase of 106 nonresidential acres from 2020 to 2040. The 106 acres is then converted to square footage by multiplying it by 43,560, which yields approximately 4.6 million square feet. To convert total square footage to gross floor area, the 4.6 million square feet is multiplied by the gross-floor-area-to-total-area ratio, which is 0.25. This ratio comes from the City's zoning ordinance and is called the Max Floor Surface Ratio there. Applying this ratio yields a total forecast of building floor area of approximately 1.15 million square feet for the next 20 years.

Table 4: Forecast Incremental Building Floor Area				
Land Use	Development (Acres)	Development (sq ft)	Gross-Floor-Area-to-Total-Area Ratio	Forecast Incremental Building Floor Area (sq ft)
Nonresidential	106	4,617,360	0.25	1,154,340

This square footage will be used in later sections to determine a cost per square foot for nonresidential development.

Service Area

Wis. Stat. § 66.0617(4)(a)2 requires Lake Geneva to base impact fees on an explicitly identified service area. The service area for this study is the entire city of Lake Geneva. This area includes any areas that Lake Geneva annexes within the forecast period.

PARKS AND RECREATION FACILITIES

Lake Geneva plans to continue to impose impact fees to fund parks and recreation facilities described in the 2004 impact fee study.

The inventory of city-owned parks in the table below comes from Section 2.7 of Lake Geneva's Comprehensive Outdoor Recreation Plan (CORP).

Public Facilities Needs Assessment and Impact Fee Study

Table 5 - Parks Inventory			
Nature Preserves	Area (Acres)	Mini Parks	Area (Acres)
Fermano Park	6.4	Oak Hill Tot Lot	0.1
Dodge Water Tower Pond Park	2.7	Westgate Tot Lot	0.7
Donian Park	4.1	Subtotal	0.8
Edgewood Hills Park	3.2		
Mary Koutsky Four Season Nature Preserve	66.7	Special Use Parks	Area (Acres)
Hidden Woods	12.0	Lake Geneva Bocce Ball Park	0.5
Home Depot Park	4.4	Riviera Beach and Plaza	2.1
Mill Park	3.0	White River Park	39.7
Price-Fremont Park	4.6	Subtotal	42.3
Subtotal	107.1		
		Community Parks	Area (Acres)
		Dunn Field	14.1
Neighborhood Parks	Area (Acres)	Library/Elm Park	7.1
Cobb Park	4.9	Veterans Park	25.0
Flat Iron Park	1.8	Subtotal	46.2
Rushwood Park	3.3		
Seminary Park	3.0		
Subtotal	13.0	Grand Total (Acres)	209.4

The CORP identifies two regional existing deficiencies in Section 5.2, which are features that need to be added to specific areas in Lake Geneva underserved by parks. One is identified as Site A, parcel ZSR 0169, a 43.4-acre forested site owned by Lake Geneva. The CORP recommends adding public access, a multi-use path, and perhaps mountain-biking trails or a pump track to Site A. Another area is identified as Site B, an area that is underserved by all the park types. The plan recommends adding a neighborhood park. Since they are existing deficiencies, neither of these can be funded with impact fees.

The CORP also identifies other specific areas where parkland is needed to meet the needs of future growth. One is referred to as Site C, an area where residential growth is expected to occur. The CORP recommends a community park being developed there, one that includes a cricket field. The CORP also recommends that Lake Geneva purchases more land “adjacent to existing parks” and that “could be used to expand recreational opportunities” as the population grows. However, the CORP recommends that Lake Geneva gains new land for parks through its parkland dedication policy (Section 66-97(a)(1) of Lake Geneva’s subdivision ordinance) and through fees in lieu of land dedication.

The CORP does recommend funding the development of parkland facilities through impact fees, and this study incorporates that recommendation. Facilities for parks include the buildings, parking lots, contouring, landscaping, and structures such as playgrounds and sports fields needed to provide residents with amenities that are comparable to ones at the existing parks. Section 6.1 of the CORP identifies a cost of \$1,437 per housing unit to meet the future parkland-development needs. Since this plan was created a year ago, this amount was adjusted based on the Consumer Price Index (CPI) to capture the effect of inflation, which has been significant recently, topping 9 percent per year. The adjusted cost per housing unit is approximately \$1,567.

The adjusted cost per housing unit was multiplied by the number of forecast dwelling units from Table 2 to produce the cost below.

Table 7 - Future Parks Projects	
Project	Cost
Develop Parkland (approx. 20 acres)	\$ 1,014,256

Table 6.3 from the CORP includes costs for recommended park improvements. Most of these are to rectify existing deficiencies such as providing ADA-compliant facilities while others are identified as likely to be funded from other sources such as Knowles-Nelson Stewardship grants, so their costs are not included in the amount to be recovered through impact fees.

Section 4.1 of the CORP defines Lake Geneva's standard for parkland as the ratio of population to parkland. Using the current population of 8,304 and the current inventory of 209.4 acres produces a service standard of 25.2 acres per 1,000 residents. Applying that standard to the forecast population produces a Future Goal of 229.3 acres, which indicates a need for approximately 20 acres of new parkland. Since there are no existing deficiencies on a city-wide basis, and the projected future parkland purchases and development do not exceed the total forecast need, the entire cost of these projects can be attributed to new growth. The standard for developing parkland uses all the preceding assumptions in this paragraph.

Table 8 - Service Standards for New Parks Projects					
Category	Service Standard (acres per 1,000 Population)	Current Population	Current Goal (acres)	Future Population Estimate	Future Goal (acres)
Developed Parkland (acres)	25.2	8,304	209.4	9,094	229.3
Category	Current Inventory (acres)	Current Deficiency (acres)	Additions (acres)	New Growth Additions (acres)	Portion Eligible for Impact Fees
Developed Parkland (acres)	209.4	-	19.9	19.9	100.0%

The existing park impact fee fund balance of approximately \$100,000 must be subtracted from the costs eligible for impact fees because Lake Geneva has already collected funds to be spent on parks for new growth but not spent those dollars. The net cost of approximately \$900,000 can then be divided by the forecast number of residential unit growth to determine a fee per new residential unit. (The costs for parks can be recovered only from residential development because nonresidential development does not directly benefit from parks.) See table below.

Table 9 - Parks Impact Fees		
Residential Unit Growth *		647
Costs Eligible for Impact Fees **	\$	1,014,256
Less Existing Park Fund Balance ***		103,751
Costs to be Charged through Impact Fees	\$	910,504
Recommended Fee per Residential Unit	\$	1,407

* Source: Table 2

** Source: Table 7

*** Source: City staff

Despite reducing projected costs for new parks by approximately \$4 million from the 2004 study, the new fee would be a substantial increase over the current fee of \$230. That is because the forecast for residential equivalent units was set at over 23,000 in the prior study. In other words, while the net cost has declined substantially, it would be spread out among far fewer residential units. However, R/M believes the residential forecast in this study is more accurate given the development possibilities within Lake Geneva.

DEPARTMENT OF PUBLIC WORKS FACILITIES

Lake Geneva does not have impact fees for its Department of Public Works (DPW) facilities, but it has several needs for which it could impose impact fees to meet the needs of new growth. The table below provides the inventory for the DPW.

Table 10 - DPW Facilities Inventory

45 Miles of Roadways
Street Lighting
Traffic Signals located Downtown, Edwards Blvd, Hwy 12 ramps, and Interchange North
City Storm Sewer System
City Owned Sidewalks
City Bike Trail System
Riviera Ballroom
Riviera Beach
Boat Launch
Oak Hill Cemetery
Pioneer Cemetery
21 City Parks and Natural Areas
22 Public Restrooms
230+ Garbage Receptacles
Geneva Lake Lakefront
Approximately 7,000 trees
DPW Main Shop & Office Building Space (18,000 square feet)
DPW Repair Shop Building Space (5,000 square feet)
Building 3 -- off-season equipment storage, paint booth, & sign shop (17,000 square feet)
Salt Shed (1,575 square feet)

The DPW has several impending projects that will be used to meet the needs of new growth. These future projects are listed below, along with their estimated costs.

Table 11 - Proposed DPW Projects

Project	Size (square feet)	Cost Estimates
Traffic Signal at Williams and George Streets		\$ 200,000
Traffic Signal at Broad and Geneva Streets		200,000
Traffic Signal at Center and Geneva Streets		200,000
Bloomfield Road Improvements		250,000
Edwards Boulevard Lighting from Main Street to Bloomfield Road		160,000
DPW Main Shop Expansion (10,000 square feet addition)	10,000	1,552,500
DPW Repair Shop Expansion (5,000 square feet addition)	5,000	776,250
DPW Office Expansion (1,500 square feet addition)	1,500	388,125
Salt Shed Expansion (2,500 square feet addition)	2,500	300,000
Purchases of Land Adjacent to Current Facilities for Expansions		900,000
Total		\$ 4,926,875

The cost estimates are based on industry sources and DPW experience.

The basis for the service standards depends on the type of project. For traffic signals, the standard is based on what is referred to as Warrant #1 in a manual produced by Wisconsin's Department of Transportation (WisDOT), the Wisconsin Manual on Uniform Traffic Control Devices. This warrant, or condition, lays out minimum traffic volumes to determine whether a signal is needed. In the case of a main street, at least 600 vehicles per hour for at least 8 hours is the threshold, whereas for side streets, at least 200 vehicles per hour is the threshold. The warrant also provides criteria for a signal if high traffic volume on the major street does not allow

enough gaps for side-street traffic. The minimum thresholds for at least 8 hours are 900 vehicles per hour for main streets and 100 vehicles per hour for side streets. According to the traffic counts from WisDOT's Traffic Counts website, none of these thresholds has been met for any of the streets at the intersections where a traffic light is being proposed, but the DPW anticipates that development will increase traffic above these thresholds within the next 20 years at these three intersections. Therefore, this cost is eligible for impact fees.

Regarding Bloomfield Road improvements, this project references the road in front of the middle school. The road itself is currently in poor condition and hence is an existing deficiency. This cost for remedying the existing deficiency of approximately \$300,000 is excluded from the estimate provided in the table above. The cost in the table above is for enhancements to accommodate increased traffic from development. According to WisDOT's Traffic Counts website, the average daily traffic count on this section is 2,300 vehicles. Based on DPW expertise, the standard for adding turn lanes for a school, along with curb and gutter, and widening the lanes is 2,500 vehicles per day. This standard is expected to be reached within the next 20 years, requiring this work. Therefore, this cost is eligible for impact fees.

The Edwards Boulevard lighting project is warranted because the average daily traffic on this section of the street is currently 14,000 vehicles and is projected to exceed 15,000 vehicles in this planning period, which necessitates streetlights. This threshold standard is based on the experience of the DPW and research indicating that street lighting reduces accidents.¹

The standards for both the DPW facility space and the salt shed are based on the expertise of Lake Geneva staff, expressed in a ratio of square feet of facility space to population. The DPW facility space for the main shop, the repair shop, and the office are grouped together into one standard. The analysis that uses these standards shows that there are no Existing Deficiencies with the current facilities, but only some of the proposed Additions can be attributed to new growth during the forecast period. The share of each project that can be recovered through impact fees is the New Growth Share percentage in the lower right of the table.

Category	Standard for per 1,000				
	Residences	Current Residences	Current Goal		
DPW Facility Space (sq ft)	10,063	3,975	40,000		
Salt Shed (sq ft)	396	3,975	1,575		
Facility	Inventory	Existing Deficiency	Additions	Additions to Meet	
				Future Needs *	New Growth Share
DPW Facility Space (sq ft)	40,000	-	16,500	6,511	39.5%
Salt Shed (sq ft)	1,575	-	2,500	256	10.3%

* Excludes portion of projects that exceeds standards

The next table provides the calculation of the impact fees. It draws the estimated costs from the table above on the proposed projects. The New Growth Share is one hundred percent for the traffic signals, the Bloomfield Road improvements, and the Edwards Boulevard lighting project. The New Growth Share for the DPW facility and salt shed come from the table above. Since the

¹ Beyer, Fiona R., and Ker, Katharine. "Street lighting for preventing road traffic injuries", *National Library of Medicine*. January 21, 2009. <https://pubmed.ncbi.nlm.nih.gov/19160240/> (accessed December 7, 2022).

land will be used for the DPW facility space, the same standard was applied to determine what percent of the land is eligible for impact fees, which is approximately 39.5 percent. The estimated cost is multiplied by the New Growth Share for each project to produce the New Growth Cost, which is then totaled for all the projects. This total is the cost to be recovered through impact fees. Unlike park and library fees, fees for the DPW can be recovered from nonresidential development, so the total recoverable cost is split between residential and nonresidential growth. This percentage split comes from Table 3. Then for residences, the total to be recovered from each residence is determined by dividing the residential share of costs by the forecast number of residential units, which comes from Table 2. For nonresidential development, the charge per 1,000 square feet of building floor area comes from dividing the nonresidential share of costs by the total forecast incremental building floor area, which comes from Table 4 above.

Table 13 - DPW Impact Fees			
	Estimated Cost	New Growth Share	New Growth Cost
Traffic Signal at Williams and George Streets	\$ 200,000	100.0%	\$ 200,000
Traffic Signal at Broad and Geneva Streets	200,000	100.0%	200,000
Traffic Signal at Center and Geneva Streets	200,000	100.0%	200,000
Bloomfield Road Improvements	250,000	100.0%	250,000
Edwards Boulevard Lighting from Main Street to Bloomfield Road	160,000	100.0%	160,000
DPW Facility Expansion	2,716,875	39.5%	1,072,099
Salt Shed Expansion	300,000	10.3%	30,765
Purchases of Land Adjacent to Current Facilities for Expansions	900,000	39.5%	355,147
Costs to be Charged through Impact Fees	\$ 4,026,875		\$ 2,468,010
Share of Costs	%	\$	
Residential	75.2%	\$ 1,856,635	
Nonresidential	24.8%	611,374	
Total	100.0%	\$ 2,468,010	
Residential Forecast			
Forecast Residential Units	4,509		
Estimated Current Residential Units	3,862		
New Residential Units	647		
Recommended Fee per Residence	\$ 2,870		
Subtotal Forecast Residential Fees	\$ 1,856,635		
Nonresidential Forecast			
	Forecast Incremental Building Floor Area (sq ft)	Recommended Fee per 1,000 Sq Ft	
	1,154,340	\$ 530	
Subtotal Forecast Nonresidential Fees	\$ 611,374		
Total Forecast Fees	\$ 2,468,010		

If Lake Geneva proceeds with these fees, it will need to fund part of the costs for the DPW facility expansion, salt shed expansion, and land acquisition from other sources.

LIBRARY FACILITIES

The library serves thousands of people inside Lake Geneva and thousands more outside the city. In fact, most registered borrowers live outside the city limits. The table below shows circulation for the library split by city versus non-city use. 2019 data was used due to the pandemic.

Table 14 - Library Use		
Circulation		
City resident circulation	72,233	51%
Non-city resident circulation	69,261	49%
Total circulation	141,494	100%

The 2004 report noted that the library may expand at some future date but did not provide further analysis. The table below provides an inventory of the library at present.

Table 15 - Library Facility Inventory	
	Area (Square Feet)
Library Facility Space	15,400

The standards that are explained later in this section were used to size the future facility, which is assumed to be a smaller, satellite location used to supplement the current facility. The cost is based on average industry costs per foot.

Table 16 - Library Facility Capital Projects		
Project: Library Satellite Location	Area (Square Feet)	Cost
Facility Space	4,616	\$ 984,844

The Wisconsin Department of Public Instruction's (DPI's) Public Library Space Needs document is typically used as the standard for library facility space. This document provides detailed information to determine how much space is needed based on the total need from books, periodicals, reader seating, staff workspace, general meeting room space, special-use space, and more.

The following table uses the DPI standards to determine the total facility space needed, both now and at the end of the forecast period. The total facility space needed is based on the total population served. The standards first look at how many holdings the facility should have, and then how much space is needed because of those holdings. Then the standards are used to determine how much general space, special-use space, and non-assignable space is needed. These subtotals are added together as Total Gross Area Needed. Then it is compared to the existing Inventory. Since more space is needed than what the facility currently has, there is an Existing Deficiency of approximately

2,376 square feet. The Existing Deficiency is subtracted from the Future Project to determine Future Need. The New Growth Share is the Future Need divided by Future Project. The City Share of New Growth is the New Growth Share multiplied by the percentage of the facility that will serve Lake Geneva's population (approximately 56 percent).

Table 17 - Library Service Standards					
City		Outside City		Total	
Current Population Served	8,304		6,610	14,914	
Future Population Served *	9,094		7,256	16,350	
Type of Holding	Holding Standard **	Standard Unit	Recommended Current Holdings	Recommended Future Holdings	
Book Volumes	3.5	per person	52,199	57,225	
Periodicals	9.3	per 1,000 people	139	152	
Audio Recordings	0.22	per person	3,281	3,597	
Video Recordings	0.48	per person	7,159	7,848	
Collection	Standard ***	Standard Unit	Recommended Current Space (sq ft)	Recommended Future Space (sq ft)	
Books	0.1	sq ft / volume	5,220	5,723	
Periodicals (display)	1	sq ft / title	139	152	
Audio and Video	0.1	sq ft / item	328	360	
Subtotal Collection Space			5,687	6,234	
General Space					
Reader Seating	0.086	sq ft / seat (2.87 seats per 1,000 pop)	1,284	1,408	
Staff Work Space	125	sq ft / workstation	1,000	1,500	
General Meeting Room Space	0.086	sq ft / seat (2.87 seats per 1,000 pop)	1,284	1,408	
Subtotal General Space			7,971	9,142	
Special Use	0.17	1 sq ft / 6 sq ft of general space	1,328	1,524	
Total Assignable Space			9,299	10,666	
Subtotal Non-assignable Space			2,790	3,200	
Total Gross Area Needed		sq ft	17,776	20,100	
Inventory		sq ft	15,400		
Existing Deficiency		sq ft	2,376		
Future Project		sq ft	4,700		
Future Need		sq ft	2,324		
New Growth Share			49%		
City Share of New Growth			56%		
New Growth Share for City Only			27.5%		

* Future population outside of City grown at same rate as rate within City (appr. 10%)

** Based on Public Library Space Needs: A Planning Outline, Wisconsin Department of Public Instruction, 2009.

*** Based on Public Library Space Needs: A Planning Outline, Wisconsin Department of Public Instruction, 2018.

To create an impact fee, the portion of the new facility eligible for being charged to new growth within the city – approximately 28 percent of the total cost – is divided by the number of new residential units in the forecast period.

Table 18 - Library Impact Fees	
Forecast Residential Units	4,509
Current Residential Units	4,144
Residential Unit Growth	365
New Project Costs	\$ 1,002,779
New Growth Share for City Only	27.5%
Costs Eligible for Impact Fees *	\$ 275,791
Recommended Fee per Residential Unit	\$ 756

If Lake Geneva proceeds with these fees, it will need to fund the remaining 72 percent from other sources. If Lake Geneva were to proceed with a significantly different plan, then the fees should be updated to reflect those changes.

SANITARY SEWER SERVICE FACILITIES

Lake Geneva plans to continue to impose impact fees to fund facilities improvements for the sanitary sewer utility. It began charging these fees in 2004.

The inventory for the sanitary sewer utility includes the pumping stations and interceptors listed below. The interceptors range in size from 8 to 21 inches in diameter, and they are made of a variety of materials, including PVC, clay, reinforced concrete pipe, and vitrified clay pipe.

Table 19 - Sanitary Sewer Inventory	
Pumping Station	Firm Capacity (gallons/minute)
LaGrange Drive	100
Country Club Drive	143
Covenant Harbor	105
Edgewood Hills	150
Geneva Bay	108
Mariane Terrace	100
Maxwell Street	50
Bigfoot	325
Pioneer Estates	198
Location of Existing Interceptors	
Dodge Street	
East	
George Street	
Lake North Central	
Lake North	
Lake Shore Drive	
North	
Wastewater Treatment Facility	
Parameter	Design Capacity
Ave. Monthly Flow Rate (Million Gallons/Day)	2.5
Peak Hourly Flow Rate (Million Gallons/Day)	5.2
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400

The utility owns and operates all the collector mains throughout Lake Geneva that feed into the interceptor mains listed above. These collector mains are typically 8 inches in diameter. The utility owns and operates the wastewater treatment facility (WWTF) at the east end of Haskins Street. The WWTF contains influent screening, a grit removal system, influent submersible pumping, organic treatment in an oxidation ditch, two 65-foot diameter suction header type clarifiers, a 20-inch force main, and seepage cells in the far eastern section of Lake Geneva. Appendix B, the Utilities Impact Fee Technical Memorandum, provides more detail on the existing sanitary sewer system facilities.

The utility will have to undertake several projects to meet the needs of new growth. These projects include numerous changes at the WWTF to accommodate increased flow and pollutants from new growth, additional interceptor sewers and force mains, upgrades to existing pump stations, and the addition of 9 new pumping stations. Figure 6 in Appendix B shows the locations of the proposed projects. The list below comes from Table 25 of the technical memo. The design

Public Facilities Needs Assessment and Impact Fee Study

parameters for each of the items are used as the standards, and these parameters come from the text in Section 5 of the technical memo.

Number	Item	Standard	Unit	Quantity	Unit Price	Total
WWTF						
1	Screen Equipment Mechanical and Electrical	Peak Hourly Flow Rate	EA	1	\$325,000	\$325,000
2	Screenings Washer and Compactor Equipment Mechanical and Electrical	Peak Hourly Flow Rate	EA	1	\$130,000	\$130,000
3	Grit Removal Paddle, Motor, VFD and Controls	Peak Hourly Flow Rate	LS	1	\$35,000	\$35,000
4	Influent Pumping - Replace End Pumps With 25 Hp, 1,200 GPM Pumps at 51 Ft. TDH. Update	Peak Hourly Flow Rate	EA	2	\$65,000	\$130,000
5	Influent Pumping - Replace End Pump Discharge Piping From 6-Inch to 10-Inch	Peak Hourly Flow Rate	LS	1	\$13,000	\$13,000
6	Influent Pumping - Replace End Pump Discharge Piping Tees at Main Header	Peak Hourly Flow Rate	EA	2	\$5,000	\$10,000
7	Influent Pumping - Replace Middle Pump Impeller To Get 900 GPM Pumps at 51 Ft. TDH.	Peak Hourly Flow Rate	EA	1	\$6,000	\$6,000
8	Influent Pumping - Replace Middle Pump To Get 900 GPM Pumps at 51 Ft. TDH.	Peak Hourly Flow Rate	EA	1	\$38,000	\$38,000
9	FOG Tank - Excavation and Backfill	TSS Treatment Capacity	LS	1	\$18,000	\$18,000
10	FOG Tank - Concrete	TSS Treatment Capacity	CY	60	\$1,200	\$72,000
11	FOG Tank - Skimmer	TSS Treatment Capacity	LS	1	\$80,000	\$80,000
12	FOG Tank - Electrical and Controls	TSS Treatment Capacity	LS	1	\$40,000	\$40,000
13	FOG Tank - Mechanical Connections and Valves	TSS Treatment Capacity	LS	1	\$30,000	\$30,000
14	FOG Tank - Misc. Metals and Grating	TSS Treatment Capacity	LS	1	\$45,000	\$45,000
15	Oxidation Ditch - New Aerators	BOD Treatment Capacity	LS	1	\$405,000	\$405,000
16	Splitter Box Weir Replacement	Peak Hourly Flow Rate	EA	2	\$8,000	\$16,000
17	Final Clarifier - Stamford Baffles	TSS Treatment Capacity	EA	2	\$42,000	\$84,000
18	Final Clarifier - Baffle System at Feedwell	TSS Treatment Capacity	EA	2	\$62,000	\$124,000
19	Effluent Pumps - Replace Bowl Assembly to Increase Pump Output to 2,400 GPM. Increase Motor Size to 100 Hp. Add VFDs and Update Controls	Peak Hourly Flow Rate	LS	3	\$68,100	\$204,300
20	Biosolids Volute Press and Dryer - Demolition, Equipment, and Mechanical	BOD Treatment Capacity	LS	1	\$3,224,000	\$3,224,000
21	Biosolids Volute Press and Dryer - Electrical and Controls	BOD Treatment Capacity	LS	1	\$170,000	\$170,000
22	Biosolids Volute Press and Dryer - Building Updates (Internal Walls, Lighting, HVAC)	BOD Treatment Capacity	LS	1	\$130,000	\$130,000
SUBTOTAL						\$5,329,300
SUBTOTAL PRORATED						\$4,976,220
Interceptors Gravity Sewers						
23	Lake Shore Drive Interceptor Sewer - 12" Sewer Main	Peak Hourly Flow Rate	LF	2,800	\$275	\$770,000
24	East Interceptor Sewer - 24" Sewer Main	Peak Hourly Flow Rate	LF	11,200	\$400	\$4,480,000
25	East Interceptor Sewer - 30" Sewer Main	Peak Hourly Flow Rate	LF	6,700	\$450	\$3,015,000
26	Dodge St Interceptor Sewer - 12" Sewer Main	Peak Hourly Flow Rate	LF	8,300	\$275	\$2,282,500
SUBTOTAL						\$10,547,500
Pumping Stations and Force Mains						
27	S Lakeshore Dr Lift Station (468 gpm)	Peak Hourly Flow Rate	LS	1	\$730,000	\$730,000
28	S Lakeshore Dr - 6" Force Main	Peak Hourly Flow Rate	LF	3,400	\$130	\$442,000
29	Townline Rd Lift Station (268 gpm)	Peak Hourly Flow Rate	LS	1	\$630,000	\$630,000
30	Townline Rd - 6" Force Main	Peak Hourly Flow Rate	LF	1,300	\$130	\$169,000
31	McDonald Rd Lift Station (122 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
32	Grandview Dr Lift Station (108 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
33	Lake Forest Cir Lift Station (99 gpm)	Peak Hourly Flow Rate	LS	1	\$550,000	\$550,000
34	Sheridan Springs Rd Lift Station (67 gpm)	Peak Hourly Flow Rate	LS	1	\$500,000	\$500,000
35	North State Rd 120 - Lift Station (675 gpm)	Peak Hourly Flow Rate	LS	1	\$790,000	\$790,000
36	North State Rd 120 - 8" Force Main	Peak Hourly Flow Rate	LF	2,700	\$150	\$405,000
37	Park Dr Lift Station (152 gpm)	Peak Hourly Flow Rate	LS	1	\$560,000	\$560,000
38	South State Rd 120 - Lift Station (756 gpm)	Peak Hourly Flow Rate	LS	1	\$800,000	\$800,000
39	South State Rd 120 - 8" Force Main	Peak Hourly Flow Rate	LF	2,200	\$150	\$330,000
40	Bigfoot Lift Station Lift Station - Upgrade to 516 gpm	Peak Hourly Flow Rate	LS	1	\$730,000	\$730,000
41	Pioneer Estates Lift Station - Upgrade to 1,072 gpm	Peak Hourly Flow Rate	LS	1	\$920,000	\$920,000
42	Pioneer Estates Lift Station - 10" Force Main	Peak Hourly Flow Rate	LF	3,300	\$170	\$561,000
SUBTOTAL						\$9,217,000
ALL PROJECTS SUBTOTAL						\$24,740,720
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$8,660,000
TOTAL PROJECT COSTS						\$33,400,720
ALL PROJECTS SUBTOTAL PRORATED						\$24,387,640
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)						\$8,660,000
TOTAL PROJECT COSTS PRORATED						\$33,047,640

The technical memo projects future flow and pollutant loadings based on Lake Geneva's comprehensive plan for land development. In Table 27 of the technical memo, 27 different areas are analyzed to develop a total forecast that was then used to develop the list of recommended projects. Section 2.6 of the technical memo analyzes the current capacity of the wastewater treatment system, and it identified one existing deficiency. Most of the capacity for a second identical screen in the treatment facility provides needed redundancy, so only approximately 22 percent of the cost for items 1 and 2 are included in the prorated subtotal. This prorated subtotal is used to calculate the total eligible cost that can be recovered through impact fees. The rest of

the proposed projects have been sized to accommodate the demand projected to occur during the forecast period, so the full amount of these project costs is eligible for impact fees.

To calculate the impact fee, the number of residential equivalent units (REUs) must be determined. Since sewer use generally parallels water use, and the average residential water demand is known due to metering, the water forecast is used to determine the number of sanitary-sewer REUs during the forecast period. The increase of over 800,000 gallons of water demand per day needs to be compared to current residential consumption. Dividing the annual residential demand by the number of customers and then by the number of days in the year yields the current average residential daily demand. Dividing the forecast incremental demand by the residential daily demand yields the number of new REUs. The impact fee can then be calculated by dividing the total eligible sanitary sewer project costs by the number of new REUs. The balance in the sanitary sewer impact fee fund must first be deducted from the project costs, however, because this amount is money Lake Geneva has collected but not yet spent on sanitary sewer projects to serve new growth.

Table 21 - Sanitary Sewer Impact Fees		
Residential Demand (gallons) *		159,873,000
Residential Customers *		4,150
Average Daily Demand (gallons)		106
Forecast Incremental Daily Increase (gallons) **		831,104
New REUs		7,874
Total Project Costs	\$	33,400,720
Less Existing Sanitary Sewer Impact Fee Fund Balance ***		1,092,393
	\$	32,308,327
Impact Fee per REU	\$	4,103

* Source: 2021 PSC Annual Report, Schedule W-2

** Source: Appendix B, Table 11

*** Source: City Staff

The proposed fee is a substantial increase over the current fee of \$1,865, which was adopted in 2004. Although project costs for new growth are approximately \$10 million less than what they were estimated to be in 2004, the forecast for REUs has declined from approximately 23,000 to approximately 7,900 as shown in Table 21. R/M believes this new forecast is more accurate given the types and quantities of land development that are projected in Lake Geneva's comprehensive plan.

Lake Geneva has imposed sanitary sewer impact fees based on the size of the meter. The table below provides a breakdown of fees based on meter equivalencies calculated using the

maximum operating range of the water meters within Lake Geneva's system. These equivalencies resemble the ones calculated off actual average water use at each meter size.

Table 22 - Sanitary Sewer Impact Fees by Meter Size		
Meter Size	Meter Equivalency	Impact Fee
5/8"	1.0	\$ 4,103
3/4"	1.0	\$ 4,103
1"	1.6	\$ 6,565
1.5"	5.7	\$ 23,387
2"	5.7	\$ 23,387
3"	14.3	\$ 58,672
4"	28.6	\$ 117,344
6"	57.1	\$ 234,277
8"	77.1	\$ 316,335
10"	114.3	\$ 468,964

WATER SUPPLY FACILITIES

Lake Geneva plans to continue to impose impact fees to fund facilities improvements for the water utility. It began charging these fees in 2004.

The inventory for the water utility includes the four wells, the booster pumps, the storage facilities, and treatment facilities listed below. The water distribution system has three pressure zones. Water from each well is treated through chlorination and pumped to one of three reservoirs at the treatment site. The water utility's inventory also includes approximately 330,000 feet of main varying in diameter size from 4 inches to 16 inches made of unlined cast iron, PVC, and other materials. Appendix B and the water utility's annual reports to the Public Service Commission both contain more detail on the system.

Public Facilities Needs Assessment and Impact Fee Study

Table 23 - Water Inventory				
Well and Booster Station Pump Capacity				
SUPPLY SOURCE	Supply Capacity		Booster Pump Capacity	
SUPPLY SOURCE	Gallons per minute (gpm)	Millions of gallons per day (MGD)	Gallons per minute (gpm)	Millions of gallons per day (MGD)
HOST PRESSURE ZONE				
Wells				
Well 2	1,000	1.44		
Well 3	1,180	1.70		
Well 4	1,350	1.94		
Well 5	1,400	2.02		
Booster Pumps				
Plant A 1-A			1,800	2.59
Plant A 2-A			1,125	1.62
Plant A 3-A			1,200	1.73
Plant B 1-B			1,000	1.44
Plant B 2-B			1,300	1.87
Total Pumping Supply Capacity	4,930	7.10	6,425	9.25
Less: Largest Supply Unit	1,400	2.02	1,800	2.59
Reliable Supply: Host Pressure Zone	3,530	5.08	4,625	6.66
DODGE PRESSURE ZONE				
Booster Pumps				
Dodge St. Booster Station #1			910	1.31
Dodge St. Booster Station #2			910	1.31
Total Pumping Supply Capacity			1,820	2.62
Less: Largest Supply Unit			910	1.31
Reliable Supply: Dodge Pressure Zone			910	1.31
CENTER PRESSURE ZONE				
Booster Pumps				
Fire Pump ¹			500	0.72
Booster Pump #1			120	0.17
Booster Pump #2			120	0.17
Total Pumping Supply Capacity			240	0.35
Less: Largest Supply Unit			120	0.17
Reliable Supply: Center Pressure Zone			120	0.17
¹ The fire pump is not considered as part of the reliable supply				
Water Storage Capacity				
Storage Facility Name	Description	Capacity (gal)	Year Constructed	Pressure Zone
Tower #1 – Dodge Tower	Elevated Storage Tank	200,000	1970	Dodge
Tower #2 – Host Tower	Elevated Storage Tank	1,500,000	1996	Host
Tower #3 – Center Tower	Elevated Storage Tank	200,000	2006	Center
Reservoir #1	Ground Reservoir	98,750	1917	-
Reservoir #2	Ground Reservoir	160,500	1917	-
Reservoir #3	Ground Reservoir	300,000	1970	-
Water Treatment Capacity				
Treatment Facility	Capacity (gpm)	Capacity (MGD)		
Treatment Plant A				
Filter #1-B	600	0.86		
Filter #2-B	600	0.86		
Filter #3-B	600	0.86		
Treatment Plant B				
Filter #1-A	1,000	1.44		
Total Treatment Capacity	2,800	4.03		
Less: Largest Filter Unit	1,000	1.44		
Reliable Treatment Capacity	1,800	2.59		
Existing Maximum Day Demand	1,660	2.39		
Reliable Treatment Capacity Excess or (Deficit)	140	0.20		

The design parameters, which are here used as service standards, are maximum day demand for supply facilities and treatment facilities while maximum hour demand is used for the distribution facilities that are proposed to meet new growth. The service standard for supply facilities is the total need for equalizing storage, fire storage, and reserve storage. The technical analysis in Appendix B indicates the water main for the Host Tower is undersized for current needs, so this main is an existing deficiency.

With average daily demand projected to increase by over 800,000 gallons, Lake Geneva will need to undertake several projects to meet the needs of new growth. With much growth anticipated in the south and northwest, Lake Geneva needs to create two new pressure zones, which will each

require a new booster station. The northwest area will not need additional storage because hydropneumatic tanks could be used to sustain pressure on the system, but it will require pressure reducing vaults to avoid excessive pressures throughout the distribution system. The south area will need a storage tank of 240,000 gallons. New mains will also be required to accommodate the needs of new growth. Figure 5 in Appendix B shows the locations of the proposed projects. These projects have been sized to accommodate the demand projected to occur during the forecast period, so the full amount of the project costs is eligible for impact fees. The exception is the portion of the proposed water main at the Host Tower that is to remedy an existing deficiency; this cost is excluded from the prorated subtotals below. Since mains are sized and priced based on standard increments, the full cost for the Host Tower main is excluded. The cost for one of the pressure reducing vaults is also excluded, not because it is an existing deficiency but because it is assumed that it will be paid for by a developer who elects to develop that particular small region.

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Public Facilities Needs Assessment and Impact Fee Study

Table 24 - Water Facility Capital Projects					
Number	Item	Unit	Quantity	Unit Price	Total
Water Mains and Distribution					
1	10" Water Main - Northwest Area	LF	18,300	\$180	\$3,294,000
2	14" Water Main - Northeast Area	LF	5,600	\$230	\$1,288,000
3	10" Water Main - South Area	LF	16,600	\$180	\$2,988,000
4	12" Water Main - South Area	LF	8,500	\$200	\$1,700,000
5	14" Water Main - South Area	LF	6,500	\$250	\$1,625,000
6	18" water mains from the Host Tower	LF	1,400	\$280	\$392,000
7	12" water mains from the Dodge Booster Station	LF	2,100	\$200	\$420,000
SUBTOTAL			SUBTOTAL		\$11,707,000
SUBTOTAL PRORATED			SUBTOTAL PRORATED		\$11,315,000
Booster Stations and Storage					
7	500 gpm Fire Pump - Dodge Booster Station	EA	1	\$40,000	\$40,000
8	230,000 gal Elevated Storage Tank - South Pressure Zone	LS	1	\$1,830,000	\$1,830,000
9	60 gpm Booster Station - South Pressure Zone	LS	1	\$600,000	\$600,000
10	210 gpm Booster Station - Northwest Pressure Zone	LS	1	\$700,000	\$700,000
11	Pressure Reducing Vaults - Northwest Area (PRV Zones)	LS	1	\$125,000	\$125,000
			SUBTOTAL		\$3,295,000
			SUBTOTAL PRORATED		\$3,170,000
Treatment System					
12	Filters For Plant B (1,000 gpm)	LS	1	\$430,000	\$430,000
13	Extra Installation Effort (Knock Out Wall)	LS	1	\$20,000	\$20,000
14	Process Piping	LS	1	\$115,000	\$115,000
15	BW Tank	LS	1	\$70,000	\$70,000
16	BW Pump	LS	1	\$10,000	\$10,000
17	Vertical Turbine Pumps	EA	2	\$96,000	\$192,000
18	Suction Piping To Vertical Turbine Pumps	LS	1	\$165,000	\$165,000
19	Electrical and MCC	LS	1	\$120,000	\$120,000
20	Chemical Feed Equipment	LS	1	\$18,000	\$18,000
			SUBTOTAL		\$1,140,000
			SUBTOTAL PRORATED		\$1,140,000
ALL PROJECTS SUBTOTAL					\$15,625,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)					\$5,469,000
TOTAL PROJECT COSTS					\$ 21,094,000
ALL PROJECTS SUBTOTAL PRORATED					\$15,108,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)					\$5,288,000
TOTAL PROJECT COSTS PRORATED					\$ 20,396,000

The forecast for demand and REUs is the same as in the sanitary sewer section. The total project cost comes from the table above.

Public Facilities Needs Assessment and Impact Fee Study

Table 25 - Water Impact Fees	
Residential Demand (gallons) *	159,873,000
Residential Customers *	4,150
Average Daily Demand (gallons)	106
Forecast Daily Increase (gallons) **	831,104
New REUs	7,874
Total Project Costs	\$ 20,396,000
Less Existing Water Impact Fee Fund Balance ***	475,145
	\$ 19,920,855
Impact Fee per REU	\$ 2,530

* Source: 2021 PSC Annual Report, Schedule W-2

** Source: Appendix B, Table 11

*** Source: City Staff

The proposed fee is a substantial increase over the current fee of \$1,690, which was adopted in 2004. Although project costs are approximately \$20 million less than what they were estimated to be in 2004, the forecast for REUs has declined from approximately 23,000 to approximately 7,900.

The table below applies the same meter equivalencies as the sewer impact fees to develop impact fees at each meter size.

Table 26 - Water Impact Fees by Meter Size		
Meter Size	Meter Equivalency	Impact Fee
5/8"	1.0	\$ 2,530
3/4"	1.0	\$ 2,530
1"	1.6	\$ 4,048
1.5"	5.7	\$ 14,420
2"	5.7	\$ 14,420
3"	14.3	\$ 36,176
4"	28.6	\$ 72,352
6"	57.1	\$ 144,452
8"	77.1	\$ 195,048
10"	114.3	\$ 289,157

HOUSING AFFORDABILITY

Most households in Lake Geneva find housing affordable. Lake Geneva's median household income of \$59,162 falls below Wisconsin's median household income of \$67,080.

The information above provides context for evaluating the effect of impact fees on housing affordability. The table below shows the annual cost of a \$232,000 home, the estimated average value of a house in Lake Geneva.

Table 27 - Availability of Affordable Housing			
	Without Impact Fees		With Proposed Impact Fees
Home Price	\$	232,000	\$ 243,665
Principal and Interest *	\$	18,509	\$ 19,439
Taxes **	\$	3,967	\$ 4,167
Annual Housing Cost	\$	22,476	\$ 23,606
Annual Income Required ***	\$	74,919	\$ 78,686
Additional Annual Income Required			\$ 3,767
Required Percent Increase			5.0%

* Assumes a 30-year fixed mortgage at 6.9% annual interest

** Assumes the following tax rate: 1.71%

*** Assumes debt payments are no more than 30% of income

SUMMARY AND NEXT STEPS

To fund the facilities needed by growth soon, we recommend revising the City's impact fees. The table below summarizes the proposed fees.

Public Facilities Needs Assessment and Impact Fee Study

Table 28 - Summary of Impact Fees		
Type of Impact Fee	Residential Dwelling Unit	Nonresidential Development (per 1,000 sq ft)
Proposed Fees		
Parks	\$1,407	N/A
DPW	\$2,870	\$530
Library	\$756	N/A
Sanitary Sewer (per REU)	\$4,103	\$4,103
Water (per REU)	\$2,530	\$2,530
Total of Proposed Fees	\$11,665	\$7,162
Existing Fees		
Water (per REU)	\$1,690	\$1,690
Sewer (per REU)	\$1,865	\$1,865
Parks	\$1,407	N/A
Total Existing Fees	\$4,962	\$3,555
Change from Existing Fees	\$6,703	\$3,607
Change from Existing Fees	135%	101%

According to state statute, municipalities must now provide developers with explanations of how the impact fees being collected will be spent. R/M recommends that Lake Geneva provides a written or electronic copy of this study to satisfy this statutory requirement.

To move forward with new impact fees, the following steps need to take place:

- 1) This study is presented to Lake Geneva's City Council.
- 2) The City Council directs that a public hearing be held to hear public comment on this public facilities needs assessment and the proposed impact fees.
- 3) An ordinance is drafted to implement the recommended impact fees.
- 4) A Class 1 notice is published in the newspaper to provide the public 20 days' notice prior to the public hearing as required under Wisconsin Statutes 66.0617(4)(3)(b). The needs assessment must be available 20 days prior to the public hearing to allow the public sufficient time to review.
- 5) A public hearing is held to hear public comment on the needs assessment and the proposed ordinance to impose public facilities impact fees.
- 6) After the public hearing, the City Council may adopt the proposed ordinance as recommended or adopt the ordinance with amendments.

R/M encourages Lake Geneva to periodically update its impact fees to ensure they reflect the best growth forecasts, as well as the best capital cost and project estimates. Revisiting the fees every 3 to 5 years can help a community adjust its plans for new growth to provide the correct level of funding and avoid changing rates as drastically as would be the case if the community waited longer to update its fees.

APPENDIX A: IMPACT FEE FEASIBILITY ANALYSIS

August 30, 2022

To: Lake Geneva City Council
From: Ed Maxwell, M.B.A, and Bridgot Gysbers of Ruekert & Mielke, Inc.
Re: Impact Fee Feasibility Analysis

IMPACT FEES

The following sections explain impact fees, including their purpose, requirements and restrictions on them, a simplified example, and best practices.

Purpose of Impact Fees

Impact fees can provide a needed source of funding for infrastructure. These fees are designed to enact the adage “growth pays for growth.” Their purpose is to charge new development for the infrastructure needed to serve that development. State statutes dictate their use while best practices can help municipalities make the most of these fees and avoid common pitfalls.

Requirements and Restrictions

Requirements to impose impact fees in Wisconsin Statutes § 66.0617 include the following:

- Conduct a public needs assessment that
 - o Defines the service area
 - o Provides service standards to determine the infrastructure needs
 - o Includes an inventory of existing public facilities
 - o Identifies existing deficiencies (lack of facilities for the current population)
 - o Lists facilities needed to serve new growth, along with cost estimates
 - o Estimates the effect of the impact fees on the availability of affordable housing
- Make the public needs assessment available to the public for at least 20 days before the public hearing
- Issue a Class 1 notice about the new public needs assessment
- Hold a public hearing.

To keep imposing impact fees, Wis. Stat. § 66.0617 require the following:

- Explain to developers what the fees will be used for when the fees are collected
- Segregate the funds
- Spend the money only on the capital costs for which the fees were imposed
- Refund the money to the original payer if the money is not spent within 8 years (10 years for sewer infrastructure)
- Specify a procedure within the municipal ordinances for developers to contest the fees.

Impact fees cannot be used for

- Vehicles
- Operation and maintenance expenses
- Infrastructure to serve the needs of the current population (existing deficiencies)
- Infrastructure to serve needs beyond the forecast period
- Infrastructure to comply with current law (e.g. American with Disabilities Act)
- Infrastructure that will serve new growth outside of the municipality
- Facilities that are not listed in Wis. Stat. § 66.017(1)(f)1 such as cemeteries, community centers, and electric utilities.

Other Items of Note

- The cost for land can be included, as can legal, engineering, and design costs for the new public facilities.
- Fees must be reduced proportionate to new funding sources for the same projects. For instance, if the municipality wins a grant or levies a special assessment on a project for which impact fees are being charged, the impact fees should be reduced proportionate to the amount of this new funding.
- Fees must also bear a “rational relationship” to the need for the new public facilities required to serve new development.
- Municipalities can pay debt for new-growth projects with impact fees. That means that the fees can go toward debt payments for the life of the loan.

Example

To illustrate how impact fees are formed, let's look at a simple example. Happyville anticipates a lot of residential growth. To figure out how much developers might pay for parks to serve the new growth, Happyville puts together an impact fee study. Let's say the National Recreation and Park Association recommends 1 acre of parkland per 100 residents. Happyville has 700 residents. That means Happyville should have 7 acres. However, its current inventory for parks is 3 acres. This means Happyville has an existing deficiency of 4 acres.

The growth forecast shows that Happyville will add 300 more residents. Therefore, the future need for the community is a total of 10 acres. Happyville plans to buy 8 acres of land and develop it into parkland. After the land purchase, Happyville will have a total of 11 acres of parks, which is 1 more than what the standard says it needs. The 1 “excess” acre that will serve needs beyond the forecast period cannot be paid for with impact fees. Nor can the 4 acres that will meet an existing deficiency. That means of the 8 acres being purchased, only 3 are eligible to be paid for with impact fees. (8 acres minus 4 acres for an existing deficiency minus 1 “excess” acre = 3 acres.)

Of the total project cost, 37.5 percent is eligible to be paid for with impact fees (3 divided by 8 = 37.5 percent). Each acre is estimated to cost \$100,000 for a total of \$800,000, so \$300,000 can be collected in impact fees.

The impact fee for parks is the eligible project cost divided by the forecast number of new residential units. Happyville anticipates each new home will be occupied by 2 people each. Therefore, there will be 150 new homes in the forecast period. (300 new residents divided by 2 people/home = 150 new homes.) \$300,000 divided by 150 new homes equals an impact fee of \$2,000.

Takeaways and Best Practices

- Impact fees seldom pay for entire projects.
- Thus, municipalities should develop a plan for how to pay for the rest of the projects.
- Otherwise, they may end up not following through on the projects and refunding the money. Issuing refunds may prove very challenging.
- Municipalities should follow through on their plans for serving new growth.
- Debt provides a way for municipalities to spread out the cost recovery for new growth beyond 8 years.
- Certain kinds of impact fees (parks, library) can be charged only to residential development. The rest can be charged to all kinds of development.

FEASIBILITY ANALYSIS

Each section that follows looks at a particular service the City offers, estimates the potential for impact fees, recommends whether to perform a full impact fee study for this service, and explains the recommendation. A full impact fee study would calculate the exact fee that could be charged using a growth forecast, applicable service standard, precise current inventory, and project cost values. The feasibility analysis uses high-level estimates for each of the preceding items to provide an opinion on whether it may be appropriate to implement impact fees, and if so, why and for what facilities.

The last instance that impact fees were evaluated for City services was the January 26, 2004 Impact Fee Needs Assessment and Feasibility Report. The statutes governing impact fees have added numerous requirements since that report was completed.

LIBRARY

The library occupies approximately 14,000 square feet and serves thousands of people inside the City and thousands more outside the City. In fact, most registered borrowers live outside the City limits. The table below shows both circulation and borrowing for the library. 2019 data was used due to the pandemic.

Table 1 - Library Use		
Circulation		
City resident circulation	72,233	51%
Non-city resident circulation	69,261	49%
Total circulation	141,494	100%
Registered borrowers		
City residents	4,626	41%
Non-city residents	6,610	59%
Total borrowers	11,236	100%

The 2004 report noted that the library may expand at some unspecified future date but did not provide further analysis.

The library can offer little in terms of parking, given that it has only 5 30-minute stalls in front of the building. All other parking along Main and Wrigley Streets are paid parking spaces. During the summer, the issue is even worse – sometimes those going to the library cannot find open spaces near the building. For regular daily use, 50 parking spots would be closer to adequate, especially when the library offers programs that draw 100 or more people.

Parking stands out as a significant need. However, it is an existing deficiency. While future growth will likely generate more need, much of this need will not be eligible for impact fees since it will come from people outside the City. At best, a tiny fraction of the cost of parking stalls would be eligible for impact fees. Therefore, Ruekert & Mielke, Inc. (R/M) does not recommend the City explore impact fees for library parking. The City can consider other ways to provide more parking for the library.

Library space itself may merit further investigation. A smaller satellite location could allow the library to grow and offer service in a different part of the City. Another possibility is that the library could include its satellite location in a new public safety

building being considered by the fire and police departments. Such an arrangement may provide significant cost savings. The library is undertaking review and revision of its strategic plan this fall to further explore its facility needs.

The Wisconsin Department of Public Instruction's (DPI's) Public Library Space Needs document is typically used as the standard for library facility space. This document provides detailed information to determine how much space is needed based on the total need from books, periodicals, reader seating, staff workspace, general meeting room space, special-use space, and more. The table below shows some of the standards from the DPI's document and the holdings recommended based on these standards.

Type of Holding	Holdings Standard	Standard Unit	Recommended Current Holdings	Recommended Future Holdings
Book Volumes	4.2	per person	47,191	53,839
Periodicals	10.9	per 1,000 people	122	140
Audio Recordings	0.35	per person	3,933	4,487
Video Recordings	0.5	per person	5,618	6,409

Preliminary application of the DPI standards indicates the current facility comes close to matching the standards' recommendation for space. That means there are little if any existing deficiencies. This in turn means that a significant portion of any new facility would be to serve new growth. However, some of that new growth is outside the City, so that portion would not be eligible for impact fees. Depending on the assumptions made about growth outside the City, likely at least half of the facility would not be eligible.

If the City understands and accepts that half or more of a new satellite facility would probably need to be funded some other way, then R/M recommends that it moves ahead with a full impact fee study for that facility.

FIRE DEPARTMENT

The fire department serves the entire City, as well as approximately half of the Town of Geneva, or about 2,000 people outside the City throughout an area almost twice as large as the City. The department provides fire suppression, emergency medical services, public education, and various rescue services.

The 2004 report recommended implementing fees to pay for either expanding the current fire station or building a second satellite station, which was "anticipated to be necessary in either 2008 or 2009." These fees were implemented, but the building project was not undertaken within time limits established by the state statutes, so the money was refunded, and the fees were eliminated.

The current space of approximately 10,800 square feet was remodeled. Space used for meeting and training was reduced to about a quarter of its prior size to create a dorm bunk room to sleep 4 personnel and a dayroom approximately 455 square feet large. Offices were rearranged to create shared workspace for 3 personnel in 1 office and 2 in another. A records room, storage room, uniform room, and gym were constructed in the existing basement. A storage building approximately 2,400 square feet was constructed to house out-of-season and large apparatuses that do not fit elsewhere.

The fire department currently rents space at two other locations. Station 2, located in the water tower, houses a few vehicles. The annex building, which is shared with the police department, houses other vehicles and equipment. The table below lists the fire-department facilities and which equipment and vehicles are stored in each of them.

Table 3 - Fire Department Inventory	
Station 1 (730 Marshall St) ~ 10,800 square feet	Station 2 (Water Tower 1003 Host Dr) ~ 1,600 square feet
Inside garage:	1 engine
3 ambulances	1 pull behind rescue snow sled
2 engines	1 john boat
1 tower ladder	
1 ford explorer	Annex Building (1065 Carey St) ~ 2,800 square feet
1 boat	1 command vehicle
1 rehab vehicle	1 UTV
1 brush truck	Outside storage:
Outside storage:	1 30' trailer
2 staff vehicles	
1 utility pickup truck	
1 chief vehicle while on duty	

The most applicable standard for fire departments relates population to facility square footage. Like the library, the fire department serves a significant portion of the population outside the City limits. Any facility space to serve new growth for that population would be excluded from impact fees.

However, the department has expressed that it will need more facility space to serve new growth, and it is conducting a study on a public safety building with the police department. Impact fees would likely be able to pay for a portion of a new public safety building. If this building were to replace the existing facility, fees could not pay for the portion of the building that would replace the building. In other words, the fees could pay

only for the incremental size increase, and then only a portion of that cost, depending on the assumptions regarding growth outside the City limits and how large the overall building is.

If the City understands and accepts that a significant portion of a new facility would need to be funded some other way, then R/M recommends that it moves ahead with a full impact fee study for that facility.

POLICE

The police department serves the entire City, enforcing the law, as well as fostering safety awareness and civic responsibility. Additionally, the department's communications center dispatches fire and emergency medical services to the portion of the Town of Geneva served by the fire department.

The 2004 report does not mention the police department.

The current facilities include space in City Hall. This space is used for offices, locker rooms, cold storage, training, and more. The department has 3 places for storage and vehicles, including a garage at City Hall and 2 barns at 1065 Carey Street. The Carey Street space is rented and is shared with the fire department. See the table below.

Table 4 - Police Department Inventory	
Garage/Storage ~ 10,800 sq ft	PD Building (626 Geneva St) ~ 17,300 sq ft
Garage at main facility ~ 6,570 sq ft Old property barn ~ 2,400 sq ft New property barn ~ 1,840 sq ft	Includes locker rooms, cold storage, & training rooms
Total Space	~ 28,100 square feet

The facility space at City Hall does not suffice for current needs. The department could use approximately 15 percent more space. This existing deficiency needs to be addressed through means other than impact fees. Additionally, future growth will need to be addressed as well. The department expects to add 4 officers in the next 2 years to fill the void created by lack of part-time staff.

The department would like to consolidate its operations under one roof for efficiency and effectiveness. To explore this option, as well as to explore adding space for existing deficiencies and for future growth, the department is conducting a study on a public safety building with the fire department.

The most appropriate standard relates population served to facility square footage. As explained in the prior section, the fees would not be able to pay for any portion of a new public safety building that would be replacing an existing facility. They also would not be able to pay for existing deficiencies, which the department does have. Despite those two facts, a portion of new facilities for the department could likely be funded by impact fees.

If the City understands and accepts that a substantial part of the cost of a new facility would need to be funded by other means, then R/M recommends that it authorizes a full impact fee study for that facility.

DEPARTMENT OF PUBLIC WORKS

The Department of Public Works (DPW) maintains much of the City's infrastructure. The department also handles snow plowing, street sweeping, brush and leaf pickup, the City's recycling program that composts organic materials; assists with festivals and parades; and cares for nearly 7,000 trees.

The 2004 study provides a paragraph listing inventory and notes that there are no existing deficiencies. No analysis is provided, and no future growth projects are listed.

The following feasibility analysis focuses only on the DPW facilities that are both eligible for impact fees and that will be paid for through municipal funding. For instance, tourist centers, organic-waste facilities, and cemeteries are not eligible according to the state statutes. Although eligible, storm water infrastructure was not included because developers pay for it and then donate it to the City. While parks are included in the DPW's responsibilities, parks already have established impact fees and will be addressed in the full impact fee study. The table below inventories the facilities the DPW maintains.

Table 5 - DPW Facilities Inventory

45 Miles of Roadways
Street Lighting
Traffic Signals located Downtown, Edwards Blvd, Hwy 12 ramps, and Interchange North
City Storm Sewer System
City Owned Sidewalks
City Bike Trail System
Riviera Ballroom
Riviera Beach
Boat Launch
Oak Hill Cemetery
Pioneer Cemetery
21 City Parks and Natural Areas
22 Public Restrooms
230+ Garbage Receptacles
Geneva Lake Lakefront
Approximately 7,000 trees
DPW Main Shop Building Space (18,000 square feet)
DPW Repair Shop Building Space (5,000 square feet)
DPW Office Building Space (450 square feet)
Salt Shed Expansion (1,575 square feet)

Conversations with the department have revealed that several facilities are near or at capacity. Growth will require expansions for these facilities, which will in turn require land purchases. Additionally, meeting the needs of future growth will require facilities that currently do not exist in certain locations, such as traffic signals at several intersections. The table below lists the new facilities and the facility expansions needed to meet the needs generated by new growth.

Table 6 - Proposed DPW Projects

Traffic Signal at Williams and George Streets
Traffic Signal at Broad and Geneva Streets
Traffic Signal at Center and Geneva Streets
Bloomfield Road Improvements
Edwards Street Lighting from Main Street to Bloomfield Road
Relocation of City Boat Launch
Lean-to on North Side of 1070 Carey Street Facility for Equipment Storage
DPW Main Shop Expansion (5,000 square feet addition)
DPW Repair Shop Expansion (5,000 square feet addition)
DPW Office Expansion (1,500 square feet addition)
Salt Shed Expansion (2,500 square feet addition)
Purchases of Land Adjacent to Current Facilities for Expansions

The standard for the building facilities and land would relate population to square footage. Given that the 20-year Department of Administration forecast for the City indicates growth above 15 percent, a significant portion but not all these project costs would be eligible for impact fees. The other projects could be evaluated using threshold standards, which attribute 100 percent of costs to new growth once a certain point on a measure is surpassed. For instance, once traffic reaches a certain level on a road, exceeding a certain threshold, then a threshold standard would indicate that a project is needed for new growth, and all the costs could be attributed to the new growth. However, some projects may need to be evaluated using a population-based standard. Each project would be evaluated individually.

Because there are so many projects needed to accommodate new growth, R/M recommends that the City continue to explore impact fees for the DPW, although a portion of the costs for these projects will not be eligible for impact fees.

SUMMARY

R/M recommends pursuing impact fees for the areas described above. If the Council authorizes a full impact fee study for these areas, it should do so understanding that impact fees will not pay for the full amount of all the new-growth projects. However, authorizing an impact fee study does not commit the City to enacting those fees, nor to do following through on these projects within a given timeframe. The Council would have to adopt the fees after the study is finished before any obligations are taken on.

February 9, 2023

To: Mr. Josh Gajewski
City of Lake Geneva
Utility Commission Director
626 Geneva Street
Lake Geneva, WI 53147

From: Dave Arnott, P.E. (WI, IL)
Team Leader / Senior Project Manager
Ruekert & Mielke, Inc.
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Re: Utilities Impact Fee Technical Memorandum – **DRAFT 4**

1 Introduction

The City of Lake Geneva is undertaking a comprehensive effort to update its impact fees. Impact fees can provide a needed source of funding for infrastructure. These fees are designed to enact the adage “growth pays for growth.” Their purpose is to charge new development for the infrastructure needed to serve that development. State statutes dictate their use while best practices can help municipalities make the most of these fees and avoid common pitfalls.

The previous impact fee assessment was conducted in 2004 and included consideration of public works, library, fire protection, parks and recreation, and utilities. The City has changed considerably since the 2004 impact assessment was conducted. Even in the past 5 years, the City has changed significantly with more than 400 homes being constructed. The purpose of this memorandum is to provide a basis for impact fees the City will implement for capacity expansions of the water and wastewater infrastructure to accommodate growth. This includes but is not limited to the following types of water infrastructure: wells, well pumps, well chemical addition, water mains, reservoir capacity, water treatment capacity, booster pumps at the treatment facility, booster stations for the high-pressure zones, and elevated storage tank storage volume. For wastewater, it includes trunk sewers, pumping stations, force mains, and wastewater treatment capacity. Water mains greater than or equal to 10-inches in diameter are included in this study. It is assumed that smaller diameter mains would be paid for by developers. For wastewater for gravity flow, it is assumed that interceptor sewers are 10 to 21-inches in diameter. There are some spans of interceptor sewers that are 8-inches in diameter. It is assumed that smaller diameter sewers (8-inch and smaller) would be paid for by developers. For force mains, it is assumed that this study covers pipes that are equal to or greater than 6-inches in diameter and that smaller diameter force mains would be paid for by developers.

This assessment includes the planning year 2042. Existing and planned land use for the City was obtained from its Comprehensive Plan last updated in 2017.

2 Background

2.1 City Background

The City of Lake Geneva is located in southeastern Walworth County. The City is located on the eastern shore of Geneva Lake. The City's 2020 population was 8,340 according to City estimates. The City owns and operates water treatment and distribution infrastructure and wastewater collection and treatment infrastructure. The City's existing water service areas extend to the Town of Lyon for the Grand Geneva Resort and Spa. Water is also provided to the Pioneer Estates Mobile Home Park in the Town of

Bloomfield and part of the Town of Lyons for the Golf Hills subdivision, and parts of the Town of Lyons for the Lake Geneva Youth Camp and Wilmot Boulevard. The City's wastewater service area also includes part of the Town of Bloomfield for the Pioneer Estates Mobile Home Park, part of the Town of Geneva for Coachmann's Terrace, and parts of the Town of Linn for the Lake Geneva Youth Camp and the Geneva Inn.

The predominant existing land uses in and around the City are Single Family Residential, Neighborhood Mixed Use, Central Business District, with some Multi-Family Residential. Public parks and recreational use of land are important as the City surrounds the eastern and northern parts of the east end of Geneva Lake. The City emphasizes high quality commercial and residential architecture making it an attractive city. In the summer months, the area in and around the City is a prime location for tourism. The City values high quality and long-term planning. Green space and environmental protection are principles for planning and development in and around the City.

The main transportation arterials are STH 12 in the northwest-southeast direction, CTH 120 in the north-south directions, and STH 50 in the east-west direction.

The City's predominant businesses are tourism and resort based. However, there are other areas that make up the economic base such as manufacturing, construction, professional services, and small-scale retail. The Lake Geneva Public School District is also a key employer in the area. According to the City's Comprehensive Plan updated in 2017, the top occupational groups are manufacturing at 23.1 %, education, health, and social services at 17.4%, and arts, entertainment, recreation, accommodation and food services at 15.7%.

2.2 Recent Development

There are several large residential developments that are in preliminary or intermediate construction stages. The Stoneridge development is on the north side of the City in an area with increased elevation. The Vistas of Lake Geneva development is on the west side of the City and consists of residential growth. The Symphony Bay development is in the southeast part of the City. This development will consist of the Planned Neighborhood land use of which residential development will be a large part. The City has completed some planning for this development already. At full build out, this development will likely require an expansion of the East Interceptor trunk sewer. This development along with other planned development in the south part of the planning area may require replacing the existing private Pioneer Estates pumping station with a larger, City-owned sanitary pumping station. All three developments are platted but not dedicated to the City yet.

There may be plans for a large commercial development northeast of STH 12 and east of CTH 120. A formal proposal for this development has not been brought forward to the City.

2.3 Water System

The City's water system is supplied by four wells. The wells are enumerated as Wells Nos. 2, 3, 4, and 5. The total reliable supply capacity, with the largest source out of service, is 3,530 gallons per minute (gpm) or 5.1 million gallons per day (MGD). The water distribution system has three pressure zones: the Dodge pressure zone, the Host pressure zone, and the Center pressure zone. The Dodge and Host Zones are separated by main valves. The Center Zone is separated by a pressure reducing valve. The Dodge and Center pressure zones are supplied by booster stations that are fed from the Host pressure zone. The wells and treatment facilities are located within the Host pressure zone.

Water from each well is chlorinated and then pumped to one of three reinforced concrete reservoirs at the water treatment site. The reservoirs have slat tray aerators at the top. There are two redundant treatment plants – Plant A and Plant B. The plants operate in parallel staggered mode. Each plant can draw water from any of the three reservoirs. At each treatment plant, iron removal is performed using chlorination with

sodium hypochlorite and rapid sand filtration. Sodium hypochlorite is injected at each well site, allowing the iron oxidation process to start. Plant A was constructed in 1957 and consists of three pressure filter vessels which operate together. Plant B was constructed in 1975 and includes one large pressure filter vessel. After filtration, the water is then chlorinated using gas chlorine for disinfection, fluoridated, and treated with polyphosphate for corrosion inhibition. Each water plant has its own set of vertical turbine booster pumps for distribution to the City's system. The booster pumps draw from the reservoir system, pump water through the pressure filter(s), and to the distribution system. Plant A and Plant B each have three booster pumps.

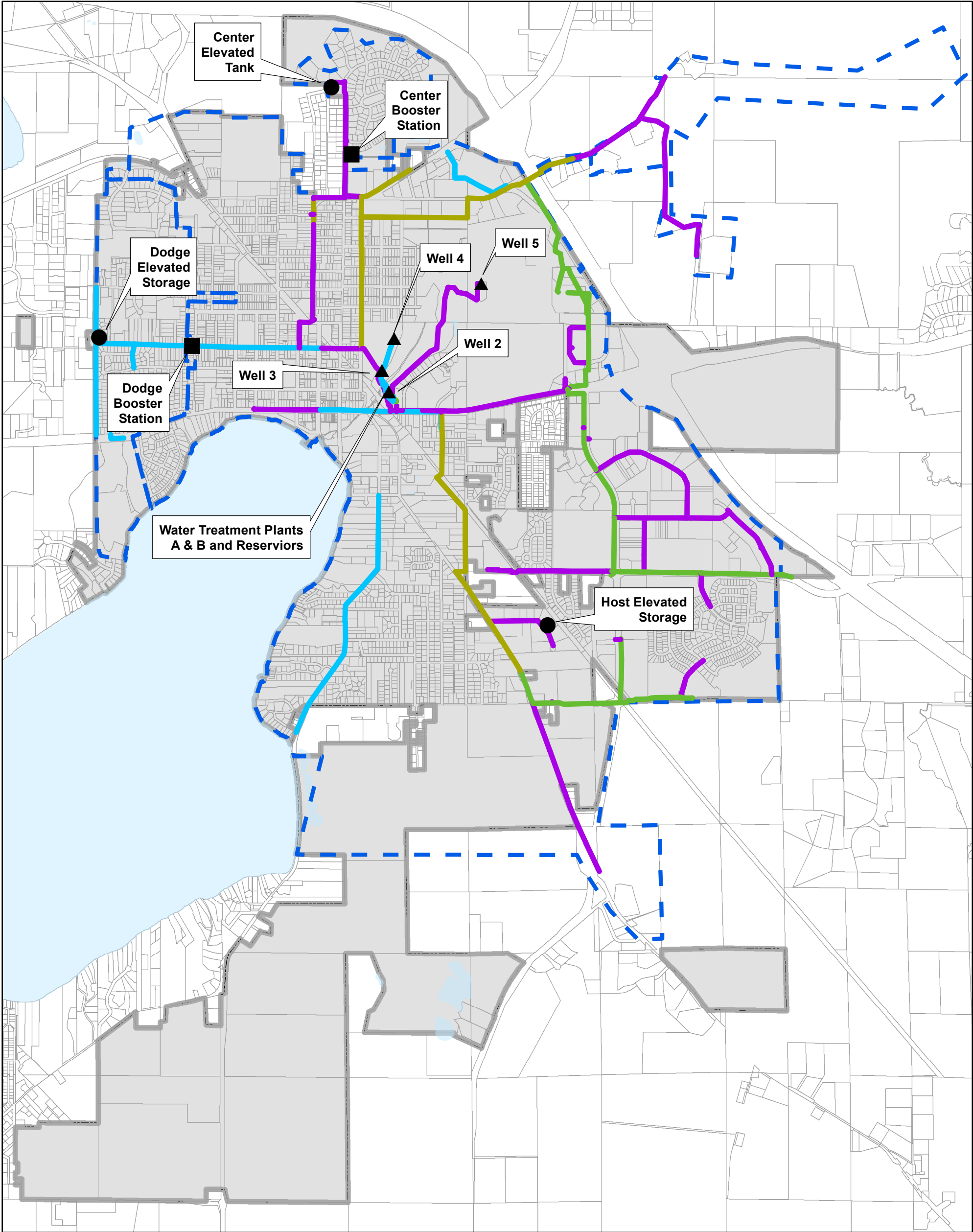
Booster stations are used to pump water from the Host pressure zone to the Dodge and the Center pressure zones which are higher in elevation. Three elevated storage tanks are used throughout the distribution system, one in each pressure zone. The Host zone elevated storage tank is a composite-type and has a volume of 1.5 million gallons (MG). The Center High Pressure zone has a spheroid type elevated storage tank with a volume of 0.2 MG. It is supplied by a booster station off Center Street with three end suction pumps. The Dodge High Pressure zone is a spheroid-type elevated storage tank with a volume of 0.2 MG. This storage tank was raised by 30 feet in 2020 to provide the required pressure for the Vistas development in the northwest corner of the City. The increased pressure will also accommodate planned development west of the City. It is supplied by a booster station on Dodge Street with two end suction pumps.

Figure 1 shows the existing water system with mains greater than or equal to 10-inches in diameter, wells, reservoirs, treatment plants A and B, booster stations, elevated storage tanks, pressure zones, and the overall water service area.

2.4 Water System Existing Capacities

Table 1 shows the well and booster pump station capacity at the wells and in each pressure zone with the reliable supply flow rates. Table 2 shows the water storage capacity in each pressure zone. Table 3 shows the reliable supply analysis with the supply pumps in the Host Zone and the booster pumps in the Dodge and Center zones. There is an excess of supply in each pressure zone. Table 4 shows the existing treatment capacity analysis. Table 5 shows the existing storage analysis. Under existing demand conditions, all three storage reservoirs have excess storage. There are a number of footnotes at the bottom of Table 5 with the assumptions of the analysis.

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Date: November 2022

Water Facilities

- Booster Station
- Water Tower
- ▲ Well

Main Size

- 10"
- 12"
- 14"
- 16"
- Water Pressure Zones
- City Limits

Figure 1

**Existing Water Distribution
System Mains and Facilities**
Water and Wastewater Utilities Impact Fee Study

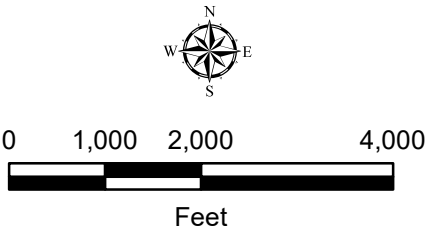


Table 1: Well and Booster Station Pump Capacity Summary

SUPPLY SOURCE	Supply Capacity		Booster Pump Capacity	
	(gpm)	(MGD)	(gpm)	(MGD)
HOST PRESSURE ZONE				
Wells				
Well 2	1,000	1.44		
Well 3	1,180	1.70		
Well 4	1,350	1.94		
Well 5	1,400	2.02		
Booster Pumps				
Plant A 1-A			1,800	2.59
Plant A 2-A			1,125	1.62
Plant A 3-A			1,200	1.73
Plant B 1-B			1,000	1.44
Plant B 2-B			1,300	1.87
Total Pumping Supply Capacity	4,930	7.10	6,425	9.25
Less: Largest Supply Unit	1,400	2.02	1,800	2.59
Reliable Supply: Host Pressure Zone	3,530	5.08	4,625	6.66
DODGE PRESSURE ZONE				
Booster Pumps				
Dodge St. Booster Station #1			910	1.31
Dodge St. Booster Station #2			910	1.31
Total Pumping Supply Capacity			1,820	2.62
Less: Largest Supply Unit			910	1.31
Reliable Supply: Dodge Pressure Zone			910	1.31
CENTER PRESSURE ZONE				
Booster Pumps				
Fire Pump ¹			500	0.72
Booster Pump #1			120	0.17
Booster Pump #2			120	0.17
Total Pumping Supply Capacity			240	0.35
Less: Largest Supply Unit			120	0.17
Reliable Supply: Center Pressure Zone			120	0.17

¹The fire pump is included when considering fire storage, but it is not considered as part of the reliable supply capacity.

Table 2: Water Storage Capacity Summary

Storage Facility Name	Description	Capacity (gal)	Year Constructed	Pressure Zone
Tower #1 – Dodge Tower	Elevated Storage Tank	200,000	1970	Dodge
Tower #2 – Host Tower	Elevated Storage Tank	1,500,000	1996	Host
Tower #3 – Center Tower	Elevated Storage Tank	200,000	2006	Center
Reservoir #1	Ground Reservoir	98,750	1917	-
Reservoir #2	Ground Reservoir	160,500	1917	-
Reservoir #3	Ground Reservoir	300,000	1970	-

Table 3: Supply Analysis

Supply Requirements	Capacity	
	(gpm)	(MGD)
<u>HOST PRESSURE ZONE</u>		
Existing Average Day Demand	1,040	1.50
Existing Maximum Day Demand	1,660	2.39
Existing Reliable Supply Capacity	3,530	5.08
Reliable Supply Capacity Excess or (Deficit)	1,870	2.69
Utilization of Reliable Capacity in Existing Demands	47%	
<u>DODGE PRESSURE ZONE</u>		
Existing Average Day Demand ¹	63	0.09
Existing Maximum Day Demand ¹	214	0.31
Existing Reliable Supply Capacity	910	1.31
Reliable Booster Capacity Excess or (Deficit)	696	1.00
Utilization of Reliable Capacity in Existing Demands	24%	
<u>CENTER PRESSURE ZONE</u>		
Existing Average Day Demand ²	4	0.01
Existing Maximum Day Demand ²	18	0.03
Existing Reliable Supply Capacity	120	0.17
Reliable Booster Capacity Excess or (Deficit)	102	0.15
Utilization of Reliable Capacity in Existing Demands	15%	

¹ Average and Maximum Day Demands for the Dodge Pressure Zone are taken from 2018 pumping records

² Average and Maximum Day Demands for the Center Pressure Zone are estimated based on pressure zone acreage and existing land use

Table 4: Treatment Capacity Analysis

Treatment Facility	Capacity	
	(gpm)	(MGD)
Treatment Plant A		
Filter #1-A	600	0.86
Filter #2-A	600	0.86
Filter #3-A	600	0.86
Treatment Plant B		
Filter #1-B	1,000	1.44
Total Treatment Capacity	2,800	4.03
Less: Largest Filter Unit	1,000	1.44
Reliable Treatment Capacity	1,800	2.59
Existing Maximum Day Demand	1,660	2.39
Reliable Treatment Capacity Excess or (Deficit)	140	0.20
Utilization of Reliable Treatment in Existing Demands	92%	

Table 5: Storage Analysis

Storage Requirements	Dodge Storage Tank ⁴	Center Storage Tank	Host Storage Tank
Pressure Zone	Dodge	Center	Host
Total Available Storage (gallons)	200,000	200,000	1,500,000
Population Equivalent	1,189	98	19,586
Average Use (gpd)	90,954	7,492	1,497,732
Peaking Factor (Average Day: Maximum Day)	3.4	2.7	1.6
Maximum Day Demand (gpd)	308,000	19,881	2,390,000
Equalizing Storage (gallons) ¹	47,000	3,000	359,000
Required Fire Storage (gallons) ²	180,000	180,000	630,000
Reserve Storage (gallons) ³	41,000	33,000	175,000
Subtotal Capacity Recommended (gallons)	268,000	216,000	1,164,000
Less: Excess Available for pumping for Fire Flow	83,533	71,903	336,650
Total Recommended Storage (gallons)	184,467	144,097	827,350
Percent Storage Utilization:	92.2%	72.0%	55.2%
Storage Excess or (Deficit):	15,533	55,903	672,650

¹ Equalizing Storage Volume estimated at 15% of maximum day demand (Peak Hour estimated at 1.6 times Maximum Day Demand).

² Assumes a fire flow of 3,500 gpm with a duration of 3 hours for commercial areas, and a flow of 1,500 gpm with a duration of 2 hours for residential areas.

³ Reserve storage provides start/stop range for pump operation and an emergency reserve storage supply. Assumed to be 15% of total storage volume.

⁴ Average use, maximum day use, and the peaking factor for the Dodge pressure zone are taken from 2018 pumping records

2.5 Wastewater System

The wastewater system is comprised of the collection system and the treatment system.

In the collection system, there are seven interceptors ranging in size from 8-inch to 21-inch. The interceptor sewers have a variety of pipe materials including PVC, clay, reinforced concrete pipe, and vitrified clay pipe. The sewers the City considers interceptors are: Dodge Street, East, George Street, Lake North Central, Lake North, Lake Shore Drive, and North. Collector sewers, typically sized at 8-inch diameter, feed into the interceptors. There are nine pumping stations in the collection system. The privately owned Pioneer Estates pumping station is in the Town of Bloomfield and serves the Pioneer Estates Mobile Home Park southeast of the City. The pumping stations are the submersible duplex type with an exterior control panel and disconnects. Most pump stations do not have a permanent standby generator. The City uses several portable trailer-mounted generators for standby power. The electrical control panel at the stations has a plug-in receptacle for the portable generators. The pump station firm capacities are shown in Table 6 below.

Table 6 Summary of Existing Pumping Stations

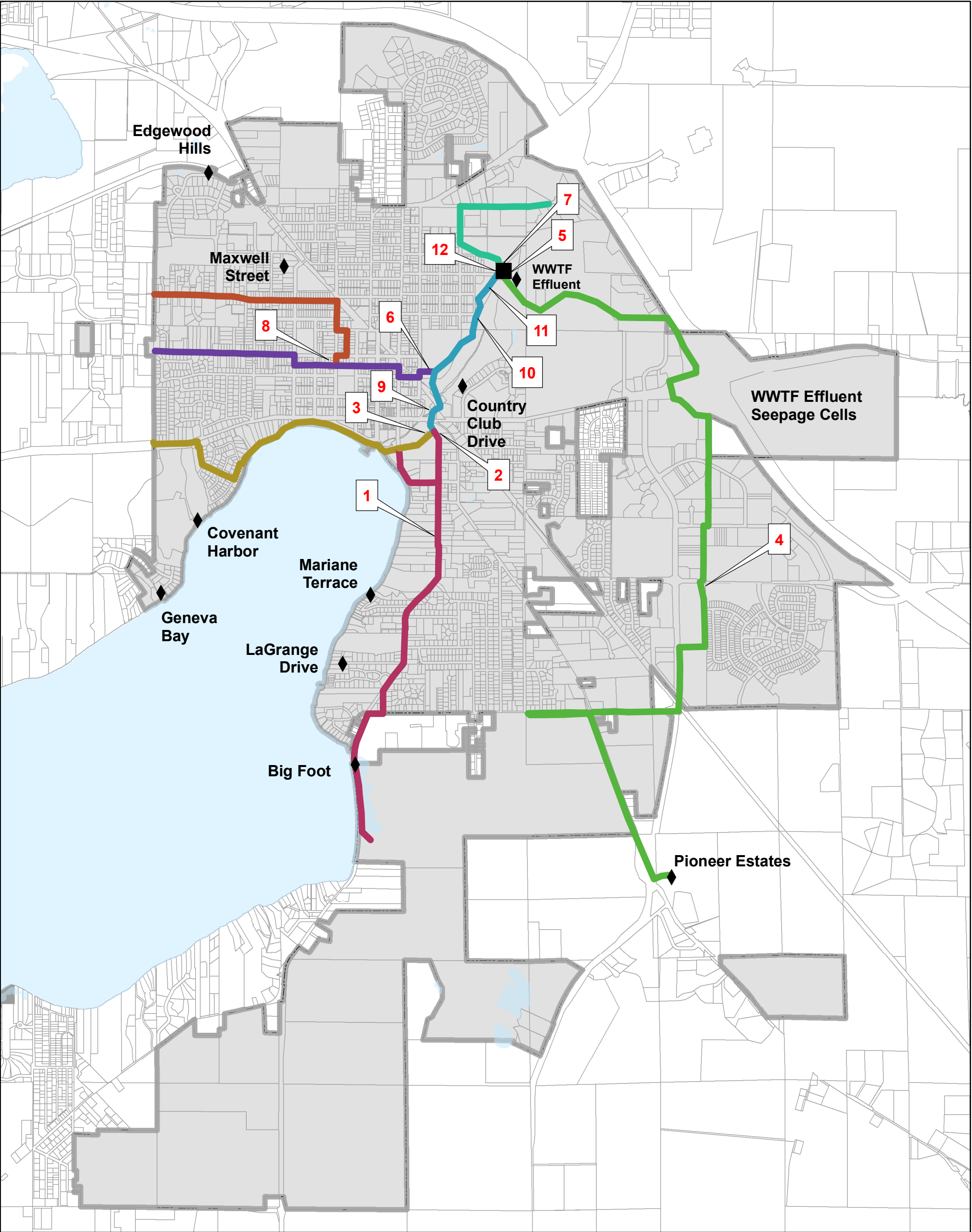
Pumping Station	Firm Capacity / Pressure
LaGrange Drive	100 gpm at 114 ft. TDH
Country Club Drive	143 gpm at 37 ft. TDH
Covenant Harbor	105 gpm at 21.3 ft. TDH
Edgewood Hills	150 gpm at 71 ft. TDH
Geneva Bay	108 gpm at 21 ft. TDH
Mariane Terrace	100 gpm at 31 ft. TDH
Maxwell Street	50 gpm at 40 ft. TDH
Bigfoot	325 gpm at 150 ft. TDH
Pioneer Estates	198 gpm

All wastewater is directed to the wastewater treatment facility (WWTF) located at the east end of Haskins Street. The WWTF processes consist of influent screening to remove rags and debris, a grit removal system with an induced vortex at the center of a spherical tank, influent submersible pumping, organic treatment in a three-channel oxidation ditch in the Orbal® configuration, and final clarification with two 65-foot diameter suction header type clarifiers. The final clarifier effluent is directed to a pumping station at the WWTF where it is pumped through a 20-inch diameter, approximate 5,500-foot long, force main to a series of seepage cells at the far east edge of the City. At the seepage cells, the effluent seeps into the ground and recharges the groundwater. The geologic formations at this location allow the water to seep deep under the ground surface.

The solids process consists of waste activated sludge (WAS) routed to a gravity thickener/aerobic digestion process. Here, the biosolids are further aerobically digested in four tanks. The supernatant is routed back the head end of the WWTF. Solids are thickened in the tanks from approximately 0.8 % solids by weight to 2.5% solids by weight. Solids are then pumped to a belt press where cake with approximately 17% solids by weight is formed. Filtrate from the press is routed back the head end of the WWTF. The belt press and biosolids cake is stored in a metal pole-building type storage building.

Figure 2 shows the interceptors sewers and pumping stations in the collection system along with the WWTF, the WWTF effluent force main, and the seepage cells. Private pumping stations, except for the Pioneer Estates station, are not shown in Figure 2.

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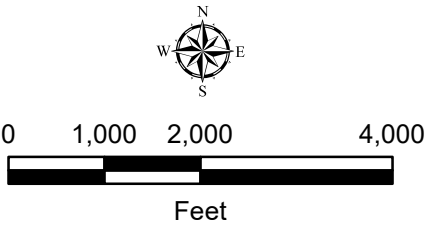
Date: November 2022

Figure 2

Existing Wastewater Collection System and Facilities

Water and Wastewater Utilities Impact Fee Study

- 12 Sewer Capacity Analysis Point
- Wastewater Treatment Facility
- Pumping Station
- Dodge Street Interceptor
- East Interceptor
- George Street Interceptor
- Lake North Central Interceptor
- Lake North Interceptor
- Lake Shore Drive Interceptor
- North Interceptor
- City Limits



2.6 Wastewater System Existing Capacities

An assessment was done for the remaining capacities for the wastewater flow rates and WWTF influent pollutant loadings. In this approach, the design capacities were first identified. The actual capacities were then derived. The difference between the two is the remaining capacity.

A representative storm on September 11th and 12th, 2022, was considered for peak hour flows at the WWTF. This storm is considered an approximate 25-year event with 4.96 inches of rain falling in approximately 24 hours reported on September 12th based on a National Weather Service rain gage at the WWTF. The recurrence interval was derived from the National Oceanic and Atmospheric Administration Point Precipitation Frequency Estimates. The recurrence interval is likely lower as the distribution of rainfall was more spread out (greater than 24 hours) than indicated by local reporting. WWTF influent flow meter records indicate a peak hour flow rate of 3.62 MGD took place on September 11th. The recurrence interval for this storm is likely between a 25-year and 10-year event.

Monthly Discharge Monitoring Reports and annual Compliance Maintenance Annual Report data was used to compile WWTF records of flow rates and pollutant loadings.

The WWTF flow rate and pollutant loading capacities are shown in Table 7 below. The table reflects the WWTF re-rating values implemented in 1997.

Table 7: WWTF Existing Capacity Summary

Parameter	Design Value	Present Value	Existing Capacity	Percent of Design Capacity
Ave. Monthly Flow Rate (MGD)	2.50	1.18	1.32	47
Peak Hourly Flow Rate (MGD)	5.20	3.62	1.58	70
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900	2,223	1,667	57
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100	2,709	1,391	66
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400	340	60	85

For estimated average day and peak hour flow rates at various points in the interceptor sewer system, existing land use and flow factors for land use were derived from an initial assumption of 80 gallons per capita per day (gpcd) of base flow, 2.13 people per home from the 2020 US Census, and other flow factor assumptions. For each land use, a flow factor per acre was identified and multiplied by the upstream acres and the flow factor for a particular land use type. Wisconsin Administrative Code (WAC) NR110.15 peak hour factors based on upstream population, were used to convert the wastewater base flow rates to peak hour flow rates. GIS information from the City was used to determine existing land use types and areas.

The flow factor results in Table 8 are the result of an iterative process of checking the predicated existing flow rates using the flow factors and land use areas from existing development, against the 2020 and 2021 monthly average flow rate value of 1.18 MGD. In this end, monthly average flow rates of the

predicted method and the actual data from 2020 and 2021 generally agree. In addition, the flow factors in this analysis generally agree with flow factors used in previous sanitary sewer studies the City has conducted.

The land uses, associated flow factors, and assumptions, are shown in Table 8 below.

Table 8: Land Use RECs per Acre and Flow Factors

Land Use	RECs/acre	Average Daily Flow		Assumptions/Notes
		(gpm/acre)	(gpd/acre)	
Agriculture & Vacant	0.5	0.06	85	Assumes 1 unit per 2 acres
Central Business District	5.9	0.69	1,000	Assumes 1000 gal per acre per day
Government/Institutional - Retreat Center	0.8	0.09	136	Assume 60 residents and 25 staff per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Government/Institutional - Other	1.2	0.14	200	Assumes 200 gal per acre per day. Includes churches, government offices, etc.
Government/Institutional - School	5.4	0.63	914	55 total acres per GIS, assumes 25 gallons per student per day
Industrial	2.6	0.31	450	Assumes 450 gal per acre per day
Multi-Family Residential	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Business	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Mixed Use	2.9	0.35	500	Assumes 500 gal per acre per day
Planned Mixed Use (Hotel)	7.0	0.83	1,200	Assumes 29 guests and 4 staff per acre, 40 and 10 gpd per guest and staff per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Planned Neighborhood	2.5	0.30	426	Assumes 2.5 units per acre
Planned Office	1.2	0.14	204	Assumes 20 employees per acre and 13 gallons per day per employee per table 3.4 of USEPA Onsite Wastewater Treatment Systems Manual
Single Family Exurban	1.0	0.12	170	Assumes 1 unit per acre
Single Family Residential	3.0	0.36	511	Assumes 3 units per acre
Two-family/Townhouse Residential	4.0	0.47	682	Assumes (2) 2-unit townhomes per acre
Planned Neighborhood (1 house/acre)	1.0	0.12	170	Assumes 1 unit per acre

The interceptor sewers were analyzed at the points as shown in Figure 2. Interceptor sewer capacities were calculated based on sewer size, pipe material, Mannings N values for an associated pipe material, and slopes. City data was used for the interceptor sewer sizes and inverts. Where missing City data was encountered between two known invert locations, interpolation was used to estimate a logical value. For the Lake Shore Drive Interceptor, there was very little invert elevation information. For this interceptor, an assumed minimum slope based on WAC for an associated pipe size was used per Table 1 of the DNR-NR 110 code.

The interceptor sewer capacities, estimated existing peak hour flow rates, and remaining capacities at various points are summarized in Table 9 below. The locations where the peak flow and pipe capacity were estimated are generally the endpoint of the interceptors before they join another interceptor. To give a more complete analysis of the collection system, up to ten upstream manhole spans were also considered for each interceptor. The minimum of the upstream manhole span capacity is included in Table 9.

Table 9: Interceptor Sewer Existing Capacity Summary

Pipe At Location					
Location	Interceptor Sewer	Diameter (in)	Existing Estimated Peak Hour Flow Rate (cfs)	Estimated Minimum Pipe Capacity (cfs)	Existing Remaining Capacity (cfs)
1	Lake Shore Drive	8	0.61	0.90	0.29
2	Lake Shore Drive	12	0.72	9.75	9.02
3	Lake North	14	0.99	2.50	1.51
4	East	18	1.25	6.33	5.08
5	East	21	2.52	5.01	2.49
6	Dodge Street	12	0.91	7.19	6.28
7	North	18	0.28	4.30	4.02
8	George Street	8	0.39	1.27	0.87
9	Lake North Central	18	1.66	6.20	4.53
10	Lake North Central	21	1.99	8.78	6.79
11	Lake North Central	21	2.17	32.31	30.14
12	Lake North Central	30	4.55	11.60	7.05

Pipe W/ Min Capacity Upstream of Location					
Location	Interceptor Sewer	Pipe Diameter (in)	Existing Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Existing Remaining Capacity (cfs)
1	Lake Shore Drive	8	0.61	0.90	0.29
2	Lake Shore Drive	8	0.72	2.2	1.52
3	Lake North	14	0.99	1.93	0.94
4	East	18	1.25	4.3	3.05
5	East	21	2.52	2.92	0.40
6	Dodge Street	8	0.91	0.6	(0.35)
7	North	10	0.28	2.50	2.22
8	George Street	8	0.39	0.8	0.41
9	Lake North Central	18	1.66	6.20	4.53
10	Lake North Central	18	1.99	3.6	1.65
11	Lake North Central	21	2.17	5.01	2.84
12	Lake North Central	30	4.55	11.6	7.05

Pump station runtimes during the September 11th and 12th storm were not available. For each pumping station, the average daily total pump runtime along with pumping rates from City records were used. A peaking factor of 5:1 was used to derive the existing peak hour flow rates at each pumping station. This value was then compared against the station firm pumping capacity.

For the force mains, the capacities were derived using a velocity of 6 feet per second. At this velocity, the water hammer phenomenon where water can separate in the pipeline upon a sudden stop in pumping caused by a pump failure or loss of normal utility power, is minimized. The relevant pumping station and force main information is included in Table 10. The results show that in general, there is a significant amount of remaining capacity at the pumping stations and force mains.

Table 10 Pumping Station and Force Main Capacity Summary

Pump Station (Firm Capacity) ¹	Average Pumping Rate (gpm)	Peak Hour Pumping Rate (gpm) ³	Remaining Peak Hour Capacity (gpm)	Percent of Firm Pump Capacity	Force main size (inch)/capacity (gpm)	Force Main Add'l Capacity (gpm)	Percent of Force Main Design Capacity
Bigfoot (325 gpm)	29.1	145.6	179	45%	6" / 530 gpm	384	27%
Country Club Drive (143 gpm)	20.8	104.2	39	73%	4" / 240 gpm	136	43%
Covenant Harbor (105 gpm)	6.4	32.2	73	31%	4" / 240 gpm	208	13%
Edgewood Hills (150 gpm)	6.8	33.8	116	23%	4" / 240 gpm	206	14%
Geneva Bay (108 gpm)	1.0	4.9	103	5%	4" / 240 gpm	235	2%
LaGrange Drive (100 gpm)	8.5	42.5	58	42%	4" / 240 gpm	198	18%
Mariane Terrace (100 gpm)	5.6	27.9	72	28%	4" / 240 gpm	212	12%
Maxwell Street (50 gpm)	0.4	1.8	48	4%	4" / 240 gpm	238	1%
Pioneer Estates (159 gpm) ²	31.7	158.6	0	100%	N/A	0	100%

¹ From 2018 lift station pumping records

² Lift station operation history is not available for Pioneer Estates Lift Station. The Pioneer Estates Lift Station serves approximately 268 homes, or 571 people and has a average flow of 45,680 gpd, assuming 80 gpcd, and has a peak hour demand of 159 gpm, assuming a peaking factor of 5. The firm capacity is assumed to be equal to the peak hour demand.

³ Assuming a peaking factor of 5:1

3 Study Areas

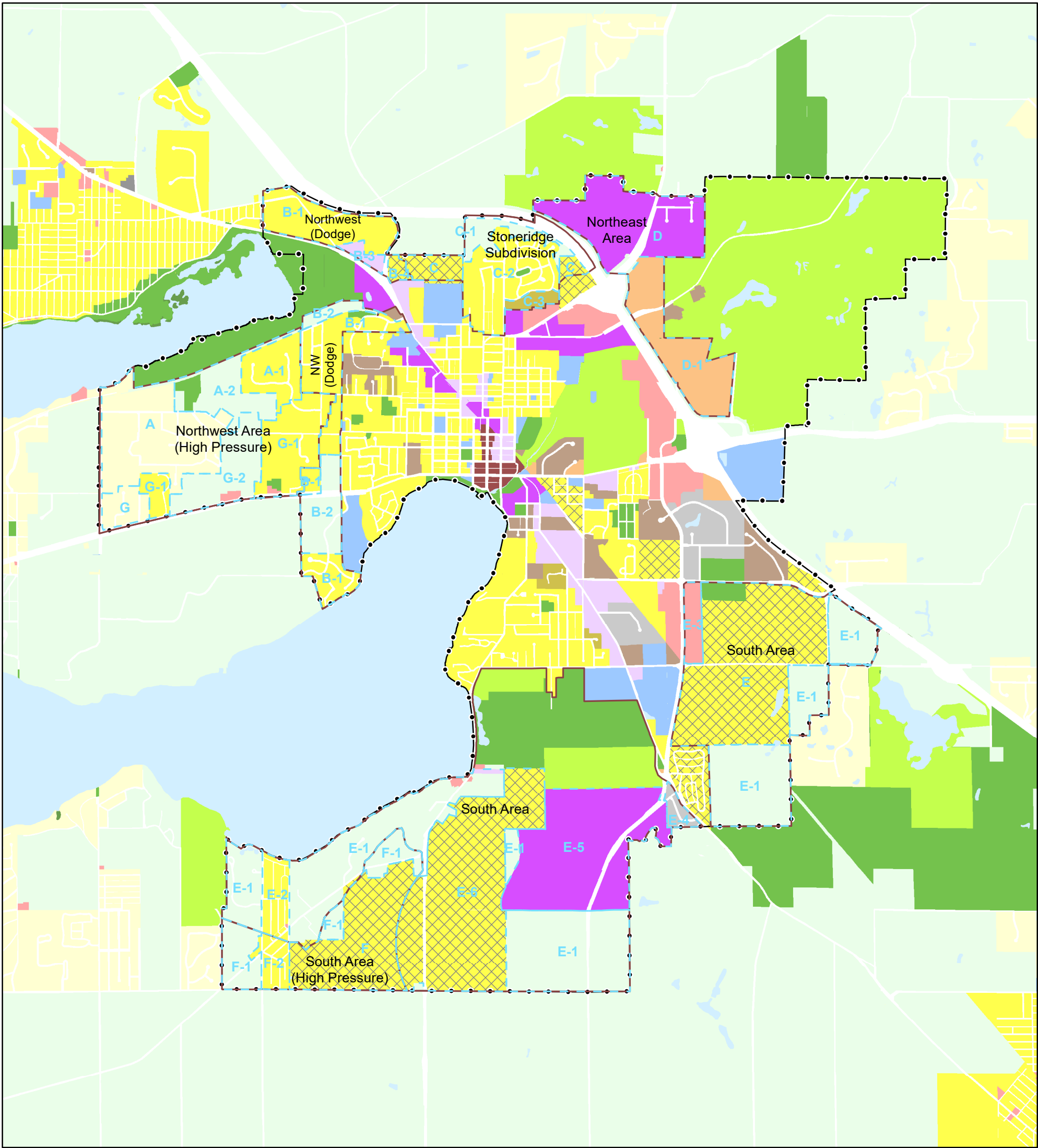
The study area was determined by the existing corporate boundary of the City, existing service areas for water and wastewater and considering what could be developed or served by water and sewer in the next 20 years. The same study area was used for water and wastewater. Areas already served by water and wastewater were included in the study area but were not included in the analysis. Areas that are unlikely for development (e.g., environmental corridors and wetlands) were included in the gross area but were not included in the growth analysis. The Grand Geneva resort was included in the overall study area since it is served by City water, but not included in the growth analysis since it is already served. For wastewater, this area is served by its own private on-site wastewater treatment system.

For water, the overall area was broken up into the existing and future likely pressure zones based on topography with the higher elevation areas requiring a high pressure zone. These were the Northwest High Pressure, the Stoneridge Subdivision High Pressure Zone, the Northeast Pressure Zone, the South Zone and the South High Pressure Zone. Each pressure zone was denoted with a letter. Within each pressure zone, the areas were further broken up by similar land use type and denoted with a number after the letter. Each area with similar land use type in each pressure zone were denoted with the same letter and number combination. Figure 3 shows the water pressure zones, subareas, and land uses.

For wastewater, the overall study area was broken up by sewershed with a unique letter identifier. Within each sewershed, areas of similar land use were grouped together and further denoted with a number after the letter. Figure 4 shows the wastewater sewersheds, subareas, and land uses.

The land uses considered in this study are consistent with the City's amended Comprehensive Plan completed in 2017. These are listed in the previous Table 8 along with the flow factors and assumptions.

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Date: February 2023

Figure 3

Water System Study Area

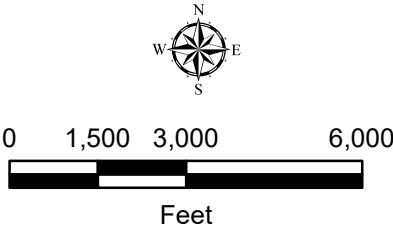
Water and Wastewater Utilities Impact Fee Study

Future Land Use

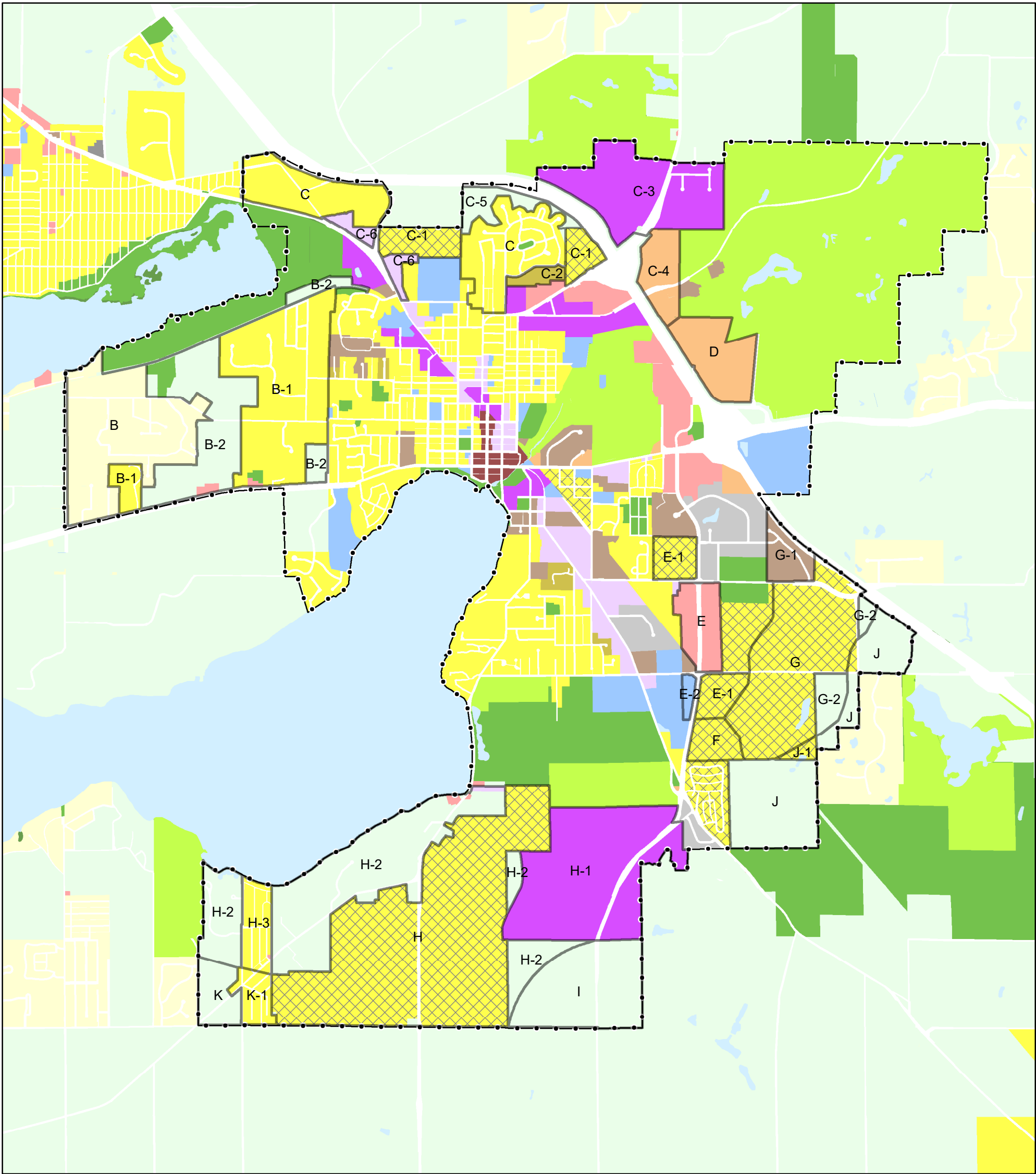
- Single Family Exurban
- Single Family Residential
- Two-Family/Townhouse Residential
- Multi-Family Residential
- Planned Neighborhood
- Planned Office

- Neighborhood Mixed Use
- Planned Mixed Use
- Planned Business
- Central Business District
- Government/Institutional
- Industrial

- Planned Industrial
- Public Park & Recreation
- Private Recreation
- Agriculture & Vacant
- Wetland
- Water
- Study Area
- Sub-Basins



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Date: November 2022

Figure 4

Wastewater System Study Area

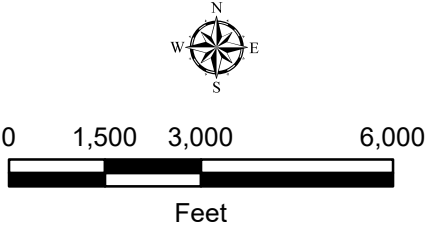
Water and Wastewater Utilities Impact Fee Study

Future Land Use

- Single Family Exurban
- Single Family Residential
- Two-Family/Townhouse Residential
- Multi-Family Residential
- Planned Neighborhood
- Planned Office

- Neighborhood Mixed Use
- Planned Mixed Use
- Planned Business
- Central Business District
- Government/Institutional
- Industrial

- Planned Industrial
- Public Park & Recreation
- Private Recreation
- Agriculture & Vacant
- Wetland
- Water
- Study Area
- Wastewater SubBasins



4 Water System Expansion

In Section 2.3, the water system was analyzed to determine the capacity of the existing water system. This section analyzes how much more system capacity is needed to accommodate future developments. The water demands, supply and storage capacities, and treatment capacity are analyzed in the following subsections.

4.1 Water System Demands

The City's water consumption was estimated using the utility's WEGS (Water, Electric, Gas, and Sewer) reports as published by the PSC (Public Service Commission). The total pumped volume of water pumped from all sources for 2021 was 546.7 MG, or 1.498 MGD. The 2021 WEGS shows that the total water sold to residential customers in the year 2021 was 159,873,000 gallons. With 4,150 residential customers, it was found that the average residential customer uses 106 gallons per day (gpd). Per the 2020 US Census, each household contains approximately 2.13 people, therefore, the average resident is estimated to use 50 gpd of water. However, to account for the fact that a considerable number of residences in the City are occupied only part of the year, the per capita daily water demand was increased to 65 gpd for the planning and sizing of future facilities. This level is consistent with per capita water usage levels from other similar communities in Wisconsin. This is the water demand that was used to project future incremental demand from future developments.

For all land use types, approximations were made to estimate the number of Residential Equivalent Connections (RECs) per acre. For example, based on the total water sold to multifamily customers, it was estimated that multifamily land use is equal to 2.9 RECs per acre. Other land uses with their respective RECs/acre and assumptions are included in Table 8.

The water study areas are summarized by future land use type in Table 11. The total number of RECs within each study area was found by multiplying the developable acreage of each land use type by the RECs/acre in Table 8. The population equivalent was then found by multiplying the number of RECs in each study area by 2.13 people per household. The average water demand from each study area was estimated assuming 65 gpcd (gallons per capita per day, or gallons per population equivalent per day). It was also assumed that 15% of the total water pumped, in addition to consumer demand, would be the result of non-revenue water and distribution system leakage. All study areas and their estimated average daily water consumption are summarized in Table 11.

To estimate the total future water demand with the study areas fully developed, the estimated water consumption for the study areas of 0.978 MGD was added to the existing daily demand of 1.498 MGD to get a total daily water demand of 2.476 MGD. Maximum Day Demand was estimated by applying a peaking factor that is based on population.

Table 11: Future Water Demand by Study Area

Water Study Area	Land Use	Total Area (acres)	Developable Area (acres) ¹	RECs per acre	Total RECs	Population Equivalent	Usage (gpd)	Non-Revenue Demand (gpd) ²	Average Demand (gpd)
Northwest Area (PRV Pressure Zone)									
A	Single Family Exurban	257	180	1.0	180	383	24,907	4,395	29,303
A-1	Single Family Residential	78	55	3.0	165	351	22,783	4,020	26,803
A-2	Agriculture & Vacant	103	72	0.5	36	77	4,986	880	5,866
SUBTOTAL		438	307		380	810	52,676	9,296	61,972
Northwest Area (Dodge Pressure Zone)									
B-1	Single Family Residential	307	215	3.0	645	1,374	89,288	15,757	105,044
B-2	Agriculture & Vacant	98	69	0.5	34	73	4,743	837	5,580
B-3	Planned Mixed Use	14	10	2.9	29	63	4,072	719	4,791
B-4	Planned Neighborhood	11	8	2.5	20	43	2,781	491	3,272
SUBTOTAL		431	302		729	1,552	100,885	17,803	118,688
Stoneridge Area (Center Pressure Zone)									
C	Planned Neighborhood	46	32	2.5	80	171	11,114	1,961	13,075
C-1	Agriculture & Vacant	43	30	0.5	15	32	2,098	370	2,468
C-2	Single Family Residential	160	112	3.0	336	716	46,537	8,212	54,749
C-3	Two-family/Townhouse Residential	18	12	4.0	49	105	6,842	1,207	8,050
SUBTOTAL		267	187		481	1,024	66,591	11,751	78,342
Northeast Area (Host Pressure Zone)									
D	Planned Mixed Use (Hotel)	238	166	7.0	1,171	2,494	162,121	28,610	190,731
D-1	Planned Office	167	117	1.2	141	300	19,469	3,436	22,905
SUBTOTAL		405	283		1,312	2,794	181,590	32,045	213,636
South Area (Host Pressure Zone)									
E	Planned Neighborhood	463	324	2.5	810	1,726	112,198	19,800	131,998
E-1	Agriculture & Vacant	876	613	0.5	307	653	42,469	7,494	49,963
E-2	Single Family Residential	54	38	3.0	114	242	15,755	2,780	18,536
E-3	Planned Business	35	25	2.9	72	154	9,996	1,764	11,760
E-4	Planned Industrial	20	14	2.6	36	77	4,993	881	5,875
E-5	Planned Mixed Use	363	254	2.9	746	1,590	103,331	18,235	121,565
E-6	Planned Neighborhood (1 house/acre)	482	338	1.0	338	719	46,732	8,247	54,979
SUBTOTAL		2,294	1,606		2,423	5,161	335,475	59,201	394,676
South Area (New Pressure Zone)									
F	Planned Neighborhood (1 house/acre)	230	161	1.0	161	343	22,269	3,930	26,199
F-1	Agriculture & Vacant	112	78	0.5	39	83	5,427	958	6,384
F-2	Single Family Residential	39	27	3.0	81	172	11,194	1,975	13,169
SUBTOTAL		380	266		281	598	38,890	6,863	45,752
Northwest Area (New Pressure Zone)									
G	Single Family Exurban	40	28	1.0	28	59	3,853	680	4,533
G-1	Single Family Residential	157	110	3.0	329	702	45,609	8,049	53,658
G-2	Agriculture & Vacant	114	80	0.5	40	85	5,535	977	6,512
SUBTOTAL		311	218		397	846	54,997	9,705	64,703
TOTAL		4,526	3,168		6,003	12,786	831,104	146,665	977,769

¹ Developable acres assumed to be 70% of total acres

² Non-revenue water and system leakage is assumed to be 15% of the total Average Demand.

4.2 Supply and Storage Analysis

The City's existing facilities including wells, booster stations, storage facilities, distribution system, and treatment system, were analyzed to determine whether they have the capacity to support the future developments and to determine how much more capacity is needed.

In Table 12, it is found that the existing reliable capacity of the wells of 3,530 gpm is sufficient to provide for the estimated future Maximum Day Demand of 2,743 gpm with an excess reliable supply of 787 gpm. The reliable booster capacity of Dodge booster station, which feeds the Dodge pressure zone, also

surpasses the Maximum Day Demand with an excess capacity of 429 gpm. At full build-out of the future development, the Center booster station is expected to have a maximum day demand of 129 gpm, resulting in a deficit of 9 gpm in the booster station capacity. This 9-gpm deficit can be resolved through minor modifications to the booster station and is not included in the cost estimates for the impact fees.

It was found that two new pressure zones, one in the Northwest Area and one in the South Area, will be necessary in the future, each with new booster stations. The new pressure zone in the South Area is represented by the "F" subbasins in Table 11 and in Figure 3. The South Area New Pressure Zone will need a new booster station with a reliable supply of at least 88 gpm that will be supplied from the Host Pressure Zone.

The Dodge Tower was recently raised by 30 ft to a water surface elevation of 1,109 ft. Therefore, the highest ground elevation that can be served within the Dodge Pressure Zone with a static water pressure of 35 psi is 1,028 ft. However, the elevations Northwest Area range from 850 ft to 1,060 ft. Therefore, it was found that a new high-pressure zone will be necessary to serve the areas that exceed 1,020 ft in elevation.

The new pressure zone in the Northwest Area is represented by the "G" subbasins Table 11 and in Figure 3. The northwest portion of the Northwest Area drops in elevation as it approaches Lake Como. This area will require a Pressure Reducing Vault (PRV) to avoid excessive pressures throughout the distribution system. Therefore, a Northwest PRV Zone ("A" subbasins) is included that will be fed from the Northwest High Pressure Zone. The booster station for the Northwest Pressure Zone will be served from the existing Dodge Pressure Zone and will need a capacity at least 201 gpm.

Two PRV's will be necessary to delineate the PRV Zone: one PRV (PRV-1) to serve water subbasins A and A-2, and another (PRV-2) to serve subbasin A-1. PRV-1 will be installed on the future 10-inch water main on McDonald Rd and is included in the cost estimate. PRV-2 will be installed on a future 8-inch water main on Lake Forest Ln and is not included in the cost estimate because it is assumed to be paid for directly by developers.

Table 12: Future Supply Analysis

Supply Requirements	Capacity	
	(gpm)	(MGD)
<u>Host Pressure Zone</u>		
Future Average Demand	1,719	2.48
Peaking Factor	1.60	
Future Maximum Day Demand	2,743	3.95
Existing Reliable Supply	3,530	5.08
Reliable Supply Capacity Excess or (Deficit)	787	1.13
Utilization of Reliable Supply in Future Demands	78%	
<u>Dodge Pressure Zone (Northwest Area)</u>		
Future Average Day Demand	234	0.34
Peaking Factor	2.06	
Future Maximum Day Demand	481	0.69
Existing Reliable Booster Capacity	910	1.31
Reliable Booster Capacity Excess or (Deficit)	429	0.62
Utilization of Reliable Booster Capacity in Future Demands	53%	
<u>Center Pressure Zone (Stoneridge Subdivision)</u>		
Future Average Day Demand	54	0.08
Peaking Factor	2.37	
Future Maximum Day Demand	129	0.19
Existing Reliable Booster Capacity	120	0.17
Reliable Booster Capacity Excess or (Deficit)	(9)	(0.01)
Utilization of Reliable Booster Capacity in Future Demands	107%	
<u>South Area Pressure Zone (New Pressure Zone)</u>		
Future Average Day Demand	32	0.05
Peaking Factor	2.46	
Reliable Booster Station Capacity Needed ¹	78	0.11
<u>Northwest Pressure Zone (New Pressure Zone) ²</u>		
Future Average Day Demand	88	0.13
Peaking Factor	2.28	
Reliable Booster Station Capacity Needed ¹	201	0.29

¹ Assumed to be equal to Maximum Day Demand

² The Northwest New High Pressure zone (the "G" subbasins) will need a new booster station. The new booster station will be supplied from the existing Dodge Pressure Zone. The Northwest New High Pressure zone will also supply the Northwest PRV Zone (the "A" subbasins)

The storage capacities were analyzed to determine the minimum amount of equalizing storage, fire storage, and reserve storage. The equalizing storage is assumed to be equal to 15% of the Maximum Day Demand. The fire storage volume assumes a fire flow of 1,500 gpm with a duration of 2 hours (180,000 gallons) for storage tanks that serve only residential areas, namely the Dodge and the Center

towers as well as the future storage tank in South Area. The Host Tower serves a variety of residential, commercial, and industrial areas, therefore, a fire flow rate of 3,500 gpm with a duration of 3 hours (630,000 gallons) was used to size the fire storage. The reserve storage is assumed to be 15% of the total storage capacity.

Water systems are required to be able to provide the minimum fire storage under Maximum Day Demand conditions. Therefore, any supply capacity more than the Maximum Day Demand can be deducted from the fire flow storage. For example, the Host Tower has an excess supply capacity of 787 gpm. With a fire flow duration of 3 hours, the total excess pumping volume available for fire flow is 141,616 gallons. The Center pressure zone has a 500-gpm fire pump that is included in this calculation, providing 60,000 gallons pumping available for fire flow. For the South Area (High Pressure), which is a new pressure zone, the reliable supply capacity is assumed to be equal to the Maximum Day Demand.

The total recommended storage capacities for the new elevated storage tank in the South Area (High Pressure) as well as for each of the existing elevated storage tanks are included in Table 13. It was found that the Center Tower and the Host Tower have enough storage capacity to meet all future development within the study areas. The Dodge Tower will need an additional 83,537 gallons of storage to meet the demands of the future developments. Rather than adding another elevated storage tank, this storage deficit may be resolved by increasing the fire flow pumping capacity of the booster station. With a fire flow duration of one hour, a 700-gpm fire pump would provide 84,000 gallons of pumping volume available for fire flow, eliminating the need for additional storage. Site improvements may be needed for the additional fire pump.

However, the City has indicated that through past water modeling activities, it has been found that the supply main to the Dodge Booster is flow-limiting. With the addition of a 700-gpm fire pump, the total reliable fire pumping capacity would be 1,610 gpm. To accommodate the added flow, the supply main along Dodge Drive should be upsized from 10-inch to 12-inch. After this upgrade, installing a 700-gpm fire pump would provide an additional 84,000 gallons available for fire flow. This would lower the minimum recommended storage capacity enough to allow the existing 200,000-gallon storage tank to meet future demands.

The South Area (High Pressure) will require a new elevated storage tank with a minimum storage capacity of 232,000 gallons and a new booster station with a reliable capacity of 78 gpm. For cost estimating, a nominal storage volume of 240,000 gallons was used.

It was determined that the Northwest Area (High Pressure) will not require its own elevated storage facility. Hydropneumatic tanks could be used to sustain pressure on the system and to provide pump protection for a much lower cost than an elevated storage tank.

Table 13: Future Storage Analysis

	New Storage Facility	Existing Elevated Storage Tanks		
	South Area (High Pressure)	Dodge Tower (Northwest Area)	Center Tower (Stoneridge Study Area)	Host Tower
Future Population Equivalent	598	4,398	1,024	32,372
Average Use (gpd)	45,752	336,316	78,342	2,475,500
Peaking Factor (Average Day: Maximum Day)	2.5	2.1	2.4	1.6
Maximum Day Demand (gpd)	112,461	692,845	185,730	3,950,271
Equalizing Storage (gallons) ^{1, 2}	17,000	104,000	28,000	593,000
Required Fire Storage (gallons) ³	180,000	180,000	180,000	630,000
Reserve Storage (gallons) ⁴	35,000	51,000	37,000	216,000
Subtotal Capacity Recommended (gallons)	232,000	335,000	245,000	1,439,000
Less: Excess Available for pumping for Fire Flow (gallons) ⁵	-	51,463	60,000	141,616
Total Recommended Storage (gallons)	232,000	283,537	185,000	1,297,384
Total Available Storage (gallons):		200,000	200,000	1,500,000
Percent Storage Utilization:		141.8%	92.5%	86.5%
Storage Capacity Excess or (Deficit):		(83,537)	15,000	202,616

¹ Assumes supply equals maximum day demand for new storage facilities.

² Equalizing Storage Volume estimated at 15% of maximum day demand (Peak Hour estimated at 1.6 times Maximum Day Demand).

³ Assumes a fire flow of 3,500 gpm with a duration of 3 hours for commercial areas, and a flow of 1,500 gpm with a duration of 2 hours for residential areas.

⁴ Reserve storage provides start/stop range for pump operation and an emergency reserve storage supply. Assumed to be 15% of total storage volume.

⁵ If the reliable pumping capacity is greater than the maximum day demand, then the excess can be considered as available for fire flow pumping. The total excess pumpage volume over the fire flow duration can be subtracted from the total recommended storage capacity. The Center Booster Station has a 500-gpm fire flow pump that is included as excess pumping.

4.3 Distribution System

The future developments described in this report will significantly increase the flow rates through the distribution system and will require the construction of new water mains to provide water to the study areas. Several key locations throughout the distribution system were analyzed to determine if the existing distribution piping has enough capacity for the future development. The locations that were analyzed include the elevated storage discharge/feed piping, the discharge piping from the treatment system, and the discharge piping from the booster stations. The results are summarized in Table 14.

In Table 14, the pipe capacity is analyzed under both existing and future flow conditions. The elevated storage tank discharge piping was analyzed in fire flow conditions, where the supply pumping is supplying its respective reliable capacity and the reservoir is supplying fire flow. The flow at the Center booster station is assumed to be supplying its reliable supply capacity of 120 gpm plus 500 gpm from the existing fire pump totaling at 620 gpm. The Dodge Booster Station does not currently have a fire pump, but a fire pump is recommended in this report. Therefore, the Dodge Booster station is assumed to be supplying its reliable capacity of 910 gpm under existing conditions, but under future demand conditions, the station is assumed to be supplying both reliable supply capacity of 910 gpm and 700 gpm of fire pumping, resulting in a future flow of 1,610 gpm.

Per the AWWA (American Water Works Association) Manual M-32, it is recommended that the velocity within water mains not exceed 5 ft/s and that the head loss not exceed 7 ft. per 1,000 ft. of pipe (7 ft/1,000

ft). From this analysis, it is recommended that the 12-inch supply piping for the Host Tower be replaced with 18-inch piping to meet both future and existing fire flow demands. This is an existing deficiency of the water system. It is also recommended that the 10-inch discharge piping from the Dodge Booster Station be replaced with 12-inch piping to accommodate demand from future developments.

New 10-inch, 12-inch, and 14-inch water mains will be necessary to provide water to the study areas. The Northwest area will require approximately 16,900 LF (linear feet) of 10-inch water mains. The Northeast Area will require approximately 5,600 LF of 10-inch water mains. And the South Area will require 16,600 LF of 10-inch, 8,500 LF of 12-inch, and 6,500 LF of 14-inch water mains. All water distribution piping smaller than 10 inches that is required for the future developments is assumed to be paid directly by the developers.

Table 14: Water Main Capacity Analysis

Elevated Storage Tank Feed/Discharge Piping						
Pipe Location/Description	Host Tower Feed/Discharge Line		Dodge Tower Feed/Discharge Line		Center Tower Feed/Discharge Line	
Pipe Diameter (in)	12		16		12	
Hazen Williams Coefficient	130		130		130	
Calculations	Existing	Future	Existing	Future	Existing	Future
Fire flow (gpm)	3,500	3,500	1,500	1,500	1,500	1,500
Velocity (ft/s) ¹	9.9	4.4	2.4	2.4	4.3	4.3
Headloss (ft/1000 ft of pipe) ¹	25.7	3.6	1.3	1.3	5.4	5.4
Recommended Pipe Size (in)	18		-		-	

Supply/Booster Station Discharge Piping				
Pipe Location/Description	Dodge Booster Station Discharge		Center Booster Station Discharge	
Pipe Diameter (in)	10		12	
Pipe Material	PVC		PVC	
Hazen Williams Coefficient	130		130	
Calculations	Existing	Future ³	Existing	Future
Booster Station Capacity Including Fire Pump(s) (gpm) ²	910	1,610	620	630
Velocity (ft/s) ¹	3.7	4.6	1.8	1.8
Headloss (ft/1000 ft of pipe) ¹	5.2	6.1	1.0	1.1
Recommended Pipe Size (in)	12		-	

¹ Per AWWA Manual M-32, it is recommended that the velocity in water mains not exceed 5 ft/s and that the headloss does not exceed 7 ft per 1000 ft of pipe.

² Equal to the supply/booster flow during Maximum Day Demand. Includes the existing fire pump flow of 500 gpm for Center Booster Station, and 500 gpm from the future recommended fire pump at the Dodge Booster Station

³ The future supply capacity for the Dodge Booster Station includes a future 700-gpm fire pump to increase the pumping capacity during a fire event. This allows for reduced fire storage (see Note 5 of Table 13).

4.4 Treatment Analysis

The City's existing water treatment facilities were analyzed, and it was determined that the treatment system will require an additional 943 gpm of treatment capacity to meet future demands, as summarized in Table 15.

Table 15: Treatment Capacity Analysis Under Future Demand Conditions

Treatment Facility	Capacity	
	(gpm)	(MGD)
Treatment Plant A		
Filter #1-B	600	0.86
Filter #2-B	600	0.86
Filter #3-B	600	0.86
Treatment Plant B		
Filter #1-A	1,000	1.44
Total Treatment Capacity	2,800	4.03
Less: Largest Filter Unit	1,000	1.44
Reliable Treatment Capacity	1,800	2.59
Future Maximum Day Demand	2,743	3.95
Reliable Treatment Capacity Excess or (Deficit)	(943)	(1.36)
Utilization of Reliable Treatment in Future Demands		152%

Alternatives for iron removal were explored to increase the capacities of the treatment processes. Lake Geneva's existing iron removal facilities consist of hypochlorination and pressure sand filtration. Other iron removal alternatives discussed in this section include the following methods:

- Oxidation & Filtration
- Iron removal using lime-softening
- Ion exchange
- Biological Filtration

4.4.1 Lime Softening

Iron can also be effectively removed through the lime softening process. This process includes adding lime (calcium hydroxide) to the raw water which raises the pH. When the pH is raised, calcium carbonate and other dissolved solids, including iron, are less soluble and begin to precipitate. The precipitated solids are allowed to settle and are removed from the water.

While effective at removing iron, lime softening is not a recommended alternative for iron removal for Lake Geneva due to high capital costs, and because of the impacts to water chemistry. The settling process requires a sedimentation basin that would provide a minimum of 2 hours of settling time for groundwater (Wisconsin DNR NR 811.57 (1)). The process would also require sludge removal equipment used for removing the settled solids. The lime softening process also would soften the water, making it more corrosive to distribution piping and water stabilization would be required. Therefore, due to the high cost of new facilities and equipment, iron removal using lime softening is not recommended for Lake Geneva.

4.4.2 Ion Exchange

Ion exchange may be used to remove iron where the concentration is less than 0.5 mg/L. Ion exchange is commonly used in water treatment for water softening and demineralization. In the ion exchange process, the water flows through a resin where less-soluble ions in the water are exchanged for more soluble ions that are found in the resin. In iron removal, the ion exchange resin can be fouled if any iron is allowed to oxidize before passing through the resin.

Most ion exchange applications for removal of iron are point-of-use treatment systems for single-family residences and industrial water. Ion exchange is not as commonly used in municipal treatment due to cost. At a large scale, ion exchange is typically more expensive than other treatment alternatives. In addition, the City's raw water iron concentration is significantly higher than 0.5 mg/L. For these reasons, ion exchange is not a recommended treatment alternative for iron removal for Lake Geneva.

4.4.3 Biological Filtration

Another emerging technology for iron removal is biological filtration. The biological filtration process is hydraulically similar to the pressure filtration process, however, rather than using a chemical process to form a precipitate that is filtered out, the iron is oxidized by bacteria. The oxidized iron is then retained in the filter. Biological iron filtration is a proprietary patented system by Infilco Degremon, Inc under the name of Ferazur®. Infilco Degremon also produces a biological manganese filter under the name Mangazur®.

For the process to function, the environment within the filter vessel is conditioned to foster growth of iron-oxidizing bacteria and cannot be done with all groundwater. The water quality characteristics that are necessary to foster the growth of the iron-oxidizing bacteria are listed below:

- PH: 6.5 - 7.2
- Temperature: 50° to 77°F)
- Dissolved Oxygen: 1 to 3 mg/L (usually achieved through aeration)
- Water must be free of the following:
 - o Chlorine
 - o Hydrogen Sulfide
 - o Heavy metals
 - o Ammonium nitrogen
 - o Phosphates
 - o Organics
 - o Hydrocarbon (benzene, methane, etc.)

Biological filtration, where feasible, can offer lower capital and operating costs than comparable physical/chemical processes because it produces less waste and often allows for a filter loading rate that is higher than most conventional filters. The waste that is produced by biological filters is more compact than waste that is produced by chemical oxidation resulting in less waste product and longer filter run times between backwashes. Typically, biological filters can have a filter loading rate that ranges from 8-24 gpm/ft², which is higher than most conventional filter media.

Biological filtration is not a recommended alternative unless Lake Geneva's existing iron removal facilities need to be replaced in entirety. However, if Lake Geneva's existing iron removal facilities cannot be expanded to meet future demands, biological filtration may be considered. If biological filtration is feasible with the raw-water characteristics of Lake Geneva's groundwater, the biological filtration alternative may offer higher treatment capacity without the need for larger facilities or expanding the treatment building. Biological filtration may also require less capital and operational costs than conventional oxidation-filtration facilities. This option is not recommended unless the existing iron filtration facilities cannot be retrofitted or expanded to meet future demands.

4.4.4 Oxidation and Filtration

The oxidation-filtration process for iron removal includes using an oxidizing agent to oxidize iron, causing it to precipitate. The precipitated material is then filtered from the water. The process typically involves the following steps:

1. **Oxidation:** An oxidizing agent, such as oxygen, chlorine, potassium permanganate, etc., is added to the raw water.

2. **Detention:** Detention allows for contact time between the iron and the oxidizing agent. The soluble iron is oxidized and forms a filterable precipitate. Minimum contact time can vary greatly depending on the oxidizing agent and the raw water quality.
3. **Clarification:** A clarification process is sometimes used to allow the precipitated iron to settle where it is removed as a sludge. Clarification is typically not necessary where the iron concentration is below 5-10 mg/L.
4. **Filtration:** A pressure filter is used to filter out the precipitated iron compounds. Typical filter media includes sand, or a variation of manganese dioxide coated media.

Different variations of oxidizing agents and filter types are discussed below. Table 16 shows several different oxidizing agents that can be used for iron removal. Oxidizing agents that are commonly used in municipal water treatment facilities are oxygen and chlorine. Lake Geneva's existing iron removal process includes oxygen as an oxidant which is injected using slat tray aerators in the storage reservoirs, and the addition of chlorine using hypochlorite injection at the wells.

Potassium permanganate, ozone, and chlorine dioxide offer much faster reaction times, but when used to remove iron alone, they are not typically as economical as chlorine or oxygen. Potassium permanganate provides the most benefit when it is used to remove manganese. Ozone and chlorine dioxide are also powerful oxidizing agents that can be used for iron removal, but they are typically more expensive than potassium permanganate and chlorine due to chemical costs of chlorine dioxide, and equipment costs of ozonation equipment.

Table 16: Oxidizing Agents for Iron Removal (adapted from "Iron and Manganese Removal Handbook, AWWA 2015)

Oxidant	Dosage Required (mg oxidant per mg Fe ²⁺)	pH	Reaction Time for Iron Oxidation
Oxygen (aeration) ¹	0.14	> 7.5	15 min
Chlorine ¹	0.64	> 8.0	15-30 min
Potassium Permanganate ²	0.94	> 5.5	<20 sec
Ozone	0.43	-	Instantaneous
Chlorine Dioxide	1.2	> 5.5	10 sec

¹Used in Lake Geneva's existing iron removal process

²Significantly longer reaction time when iron is complexed with natural organic matter

After the oxidation process, the oxidized iron is filtered out through a media filter. There are several different alternatives for filter media that are commonly used, including sand, greensand, manganese dioxide-coated sand, manganese dioxide ore, and Anthrasand. Sand filters are perhaps the most economical way to remove iron, providing low maintenance and high removal rates. Greensand, which is a glauconite mineral that is coated in manganese dioxide, can also be used for iron removal but it provides the most benefit when used in the removal of manganese. Greensand media requires the injection of potassium permanganate to continuously regenerate its manganese dioxide coating, making it more expensive than conventional sand filters in both capital and operational costs. Another alternative, manganese dioxide-coated sand, provides higher filter loading rates than a typical sand filter and does not require the injection of potassium permanganate to regenerate the coating. Manganese dioxide-coated sand provides about 2-4 times the filter loading rate of a conventional sand filter. Other filter media alternatives include manganese dioxide (pyrolusite) ore and Anthrasand. These alternatives exhibit similar filtration characteristics as manganese-coated sand. Table 17 presents a summary of each of the filter media.

Table 17: Filter Media Alternatives

Filter Media	Description/Notes	Typical Filter Loading Rate
Sand	Sand, appropriately sized for filtration. Most economical option.	3 gpm/ft ²
Greensand or Greensand Plus	Greensand is a sand-like glauconite coated in a layer of manganese dioxide. Requires the use of potassium permanganate to regenerate the coating. Greensand Plus is a synthetic version of greensand that is not derived from glauconite. Greensand Plus was created due to a limited supply of glauconite.	Up to 3 gpm/ft ²
Manganese Dioxide-Coated Sand	Exhibits properties similar to Greensand. Does not require regeneration using potassium permanganate. More available than greensand	6-12 gpm/ft ²
Manganese Dioxide Ore (Pyrolusite)	Pyrolusite is naturally occurring manganese dioxide. Often requires air scouring in the backwash process. More expensive than manganese dioxide-coated sand.	Up to 15 gpm/ft ²
Anthrasand	Base material of anthracite coal and silica sand, coated in manganese dioxide.	Based on pilot testing

Lake Geneva's existing filters are pressure sand filters. The filters provide adequate iron removal. However, the system has a reliable treatment capacity of 1,800 gpm (2.59 MGD), which is sufficient to supply the design maximum day demand of 1,660 gpm (2.39 MGD). The future developments discussed in this study are expected to raise the maximum day demand to 2,743 gpm (3.95 MGD). The treatment system must be expanded to meet these demands.

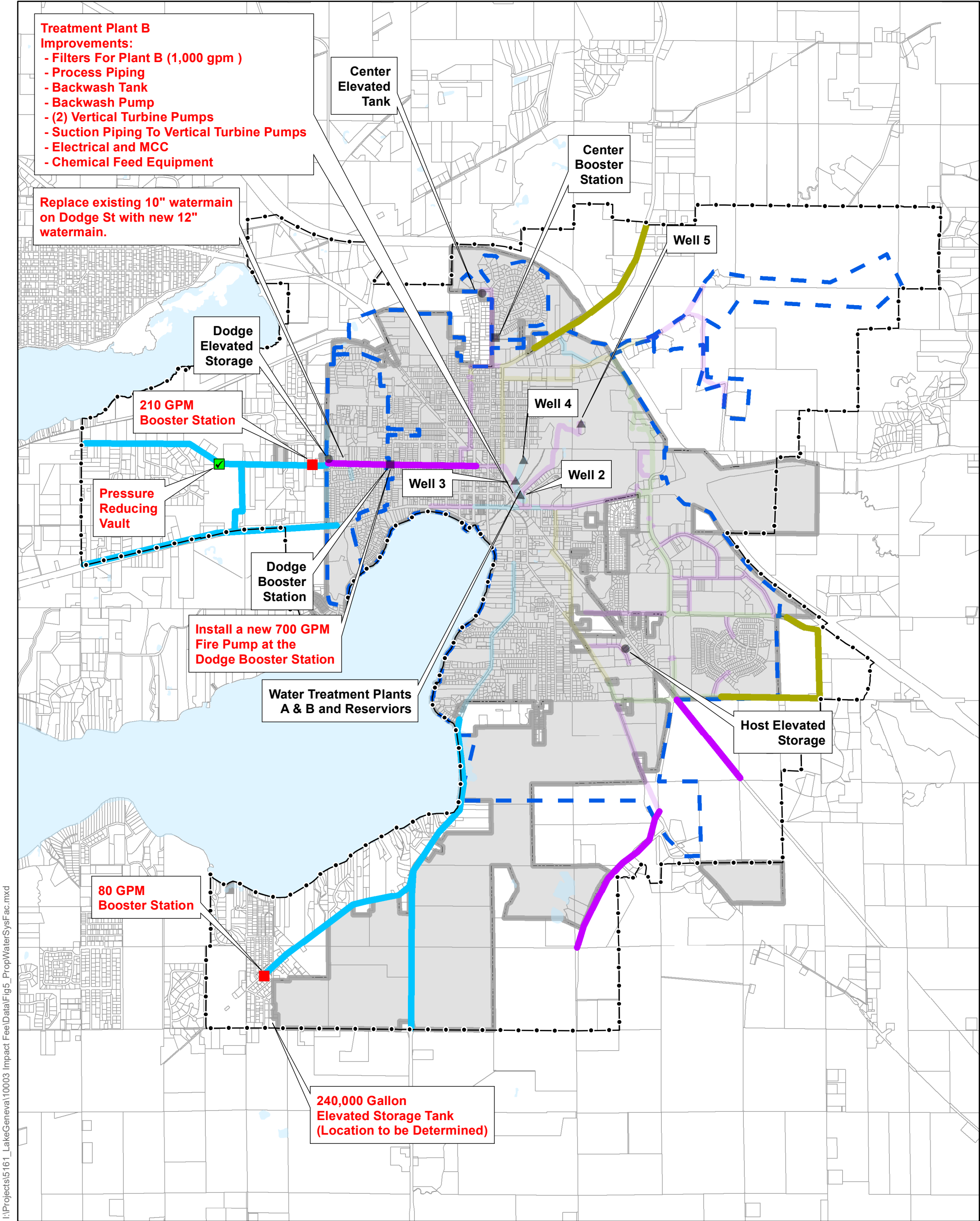
It is recommended that Lake Geneva expand its treatment system by installing new filter vessels at Plant B with manganese dioxide coated sand media. This type of filter media typically provides much higher filter loading rates than conventional sand media. Therefore, a conventional sand filter system would typically be much larger than a manganese dioxide coated sand filter system with a comparable capacity. The new filter vessels would operate in parallel with the existing one large pressure filter and provide the needed redundancy. The new system would consist of new independent suction piping from the reservoirs, two new vertical turbine booster pumps sized with 150 Hp motors, the pressure vessels, associated electrical work, and associated discharge process piping modifications at the connection to the main transmission main from the existing pressure filter at Plant B. The new filters would have a higher pressure drop across the filters compared to the existing filter since they would be operating at increased hydraulic loading rate. There is space in the existing building at Plant B for the additional pressure vessels, piping, and electrical components required.

4.4.5 Summary of Recommended Water System Improvements

The improvements to the water system facilities that are recommended to accommodate future development are summarized in Table 18 below. Figure 5 shows the proposed water system improvements.

Table 18: Recommended Water System Improvements

Location/Study Area	Description
Water Mains and Distribution	• 1,400 LF of 18" Water Mains From the Host Tower • 2,100 LF of 12" Water Mains From the Dodge Booster Station • 16,900 LF of 10" Water Main - Northwest Area • 5,600 LF of 10" Water Main - Northeast Area • 16,600 LF of 10" Water Main - South Area • 8,500 LF of 12" Water Main - South Area • 6,500 LF of 14" Water Main - South Area
Booster Stations and Storage	• 700 gpm Fire Pump – Dodge Booster Station • 240,000-gal Elevated Storage Tank – South Pressure Zone • 80 gpm Booster Station – South Pressure Zone • 210 gpm Booster Station – Northwest Pressure Zone
Treatment System, Plant B	• Filters with Manganese Dioxide-Coated Sand Media with Associated Mechanical and Electrical Work. • Two Additional Vertical Turbine Filter Feed Pumps with Associated Mechanical and Electrical Work and Suction Piping From Reservoirs.

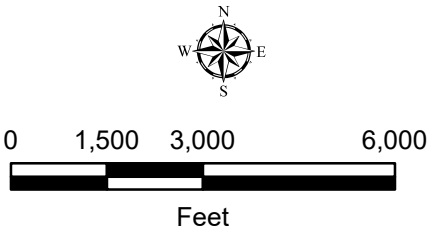


Date: January 2023

Figure 5

Proposed Water Distribution System Mains and Facilities

Water and Wastewater Utilities Impact Fee Study



- Existing Water Facilities**

 - Booster Station
 - Water Tower
 - Well

Existing Water Mains

 - 10"
 - 12"
 - 14"
 - 16"

Water Pressure Zones
- Proposed**

 - Booster Station
 - Pressure Reducing Vault

Future Water Mains

 - 10"
 - 12"
 - 14"

Study Area

City Limits

5 Wastewater System Expansion

5.1 WWTF

Wastewater at the WWTF was estimated with the same flow factors that were used in the existing capacity analysis as shown in Table 8. The flow factors were multiplied by the planned areas of different types of development as shown in Figure 2. Table 19 shows the RECs, population equivalent, and average flow for each sewer study area.

Table 19: Future Wastewater Demand by Study Area

Sewer Study Area	Land Use	Total Area (acres)	Developable Area (acres) ¹	RECs per acre	Total RECs	Population Equivalent ²	Average Flow (gpd) ³
B	Single Family Exurban	295	207	1.0	207	440	35,211
B-1	Single Family Residential	345	241	3.0	724	1,543	123,419
B-2	Agriculture & Vacant	240	168	0.5	84	179	14,290
C	Single Family Residential	278	195	3.0	584	1,244	99,551
C-1	Planned Neighborhood	79	55	2.5	138	294	23,498
C-2	Two-family/Townhouse Residential	18	12	4.0	50	106	8,445
C-3	Planned Mixed Use (Hotel)	232	162	7.0	1,142	2,432	194,544
C-4	Planned Office	65	46	1.2	55	116	9,318
C-5	Agriculture & Vacant	42	29	0.5	15	31	2,505
C-6	Planned Mixed Use	29	20	2.9	59	125	10,010
D	Planned Office	102	72	1.2	86	183	14,643
E	Planned Business	72	50	2.9	148	315	25,200
E-1	Planned Neighborhood	75	53	2.5	131	280	22,395
E-2	Government/Institutional - Other	10	7	1.2	8	18	1,400
F	Planned Neighborhood	40	28	2.5	71	150	12,017
G	Planned Neighborhood	315	221	2.5	552	1,175	93,993
G-1	Multi-Family Residential	48	33	2.9	98	208	16,625
G-2	Agriculture & Vacant	43	30	0.5	15	32	2,576
H	Planned Neighborhood (1 house/acre)	713	499	1.0	499	1,063	85,047
H-1	Planned Mixed Use	363	254	2.9	745	1,587	126,980
H-2	Agriculture & Vacant	451	316	0.5	158	336	26,904
H-3	Single Family Residential	55	39	3.0	116	248	19,824
I	Agriculture & Vacant	196	137	0.5	69	146	11,701
J	Agriculture & Vacant	249	174	0.5	87	186	14,856
J-1	Planned Neighborhood	10	7	2.5	18	38	3,071
K	Agriculture & Vacant	52	37	0.5	18	39	3,113
K-1	Single Family Residential	38	27	3.0	80	171	13,705
TOTAL		4,456	3,119		5,956	12,686	1,014,843

Notes

1. Use 70% of gross area for net developable area.
2. Use 2.13 people per household based on 2020 Census.
3. Use 80 gpcd for ave. daily flow per REC.

For the WWTF flow rates monthly average and peak hour rates were considered. The existing and incremental average daily flow rates are added together to determine the projected monthly average flow rates. The existing peak hour to monthly average flow rate ratio is 3.1:1. This is a relatively low peaking factor and is reflective of the significant lining work that the City has completed throughout the collection system in the last 20 years. To be conservative, a slightly higher peaking factor of 3.2:1 is used to calculate the projected peak hour flow rate. It is understood that the City will have to continue its successful program to monitor and address inflow and infiltration to maintain this low peaking factor into the future.

For pollutant loading, the following per capita pollutant loading rates were used:

BOD: 0.17 pounds per day (from WAC NR1110.15 (4)(b))

TSS: 0.20 pounds per day (from WAC NR1110.15 (4)(b))

TKN: 0.03 pounds per day (from an assumed per capita daily volume of 80 gallons and a typical concentration of 38 mg/L)

The per capita loadings were multiplied by the projected incremental population equivalent value of 12,686 and added to the existing loadings to derive the projections for full development in the area.

The existing, incremental, and total flow rates and pollutant loadings for the WWTF are summarized in Table 20.

Table 20: WWTF Projected Flow Rates and Loadings

Parameter	Design Value	Existing	Projected Incremental Flow Rate or Loading	Projected Total Flow Rate or Loading	Excess/(Deficit) Compared to Design Value
Ave. Monthly Flow Rate (MGD)	2.50	1.18	1.01	2.19	0.31
Peak Hourly Flow Rate (MGD)	5.20	3.62	3.25	6.87	(1.67)
Ave. Daily Biochemical Oxygen Demand (BOD) loading (pounds)	3,900	2,223	2,157	4,380	(480)
Ave. Daily Total Suspended Solids (TSS) loading (pounds)	4,100	2,709	2,537	5,246	(1,146)
Ave. Daily Total Kjeldahl Nitrogen (TKN) (pounds)	400	340	322	662	(262)

Numerous unit processes will need to be upgraded at the WWTF. Some facilities need upgrades because the design flow rates will be exceeded, and others because the pollutant loadings will be exceeded. Other upgrades are required for the hydraulics with the higher peak hour flow rate through the WWTF. The following sections detail the parts of the WWTF that need to be expanded.

The WWTF presently has an influent perforated plate screen rated for 5.2 MGD. At flow rates greater than this, the velocity of the water through the perforations is great enough that solids can be pulled through the screen instead of remaining on the upstream side. Space for a second screen to be operated in parallel with the existing screen is provided in a channel that is presently blocked off and used as a manual screen when the existing screen is non-operable because of maintenance. The second screen will have a washer/compactor at the first-floor level of the headworks building that will be like the existing washer/compactor at this floor level for the existing screen. Both washer/compactors will discharge to the existing dumpster. The cleaned and compressed screenings will be disposed of in a landfill.

The existing grit removal process consists of a concrete channel downstream of the screening process leading to a cylindrical tank. In this tank, centrifugal forces, induced with a motorized paddle, act to separate grit and heavier particles from the lighter particles and clear water. The grit and heavier particles accumulate in the center of the tank while the lighter particles and clear water accumulate at the edge of the channel. Another channel at a tangent to the cylindrical tank, allows the de-gritted water to flow

downstream to the influent pumping wet well. A self-priming pump conveys the grit from the center of the cylindrical tank to a grit washer at the finished floor level. The existing concrete channels and cylindrical tanks cannot be expanded because of space constraints. The peak hour flow rate is the governing condition when removing grit since at this condition most grit is transported from the collection system to the WWTF. To accommodate the increased peak hour flow rate to 6.87 MGD, a larger motor will be added to the paddle assembly to increase its rotational speed. A variable speed drive assembly will be used with the paddle motor. New controls will be set up so that the paddle speed is proportional to the instantaneous flow rate through the headworks. It is assumed that the grit washer will not have to be upgraded to handle the increased temporary grit loading during/after higher intensity rainfall events.

Influent pumping consists of six submersible pumps with a firm capacity of 5.2 MGD. The two pumps at the end of the wet well have 15 Hp motors and are rated for 600 gpm. The four middle wet well pumps are rated for 900 gpm and have 20 Hp motors. Two of these pumps were replaced in the last couple of years and have a little excess capacity. For the projected peak hour flow rate 6.87 MGD, several upgrades will be needed for the pumps and piping. The two end-pumps will be replaced with a 1,200-gpm pump rating with 25 Hp motors. The 6-inch discharge piping from these two pumps will be replaced with 10-inch piping. The tees at the top 16-inch header will be replaced with the new size pump discharge pipe. The two center pumps that are newer will need larger impellers. New motors are not required for these pumps. The other two center pumps will be replaced with new pumps with 25 Hp motors. Each pump discharge pressure will be approximately 51 feet at the projected peak hour flow rate. With these changes, and with one larger 25-Hp pump motor out of service, the firm capacity will be 6.87 MGD.

The WWTF has historically had poor settling of biosolids from the high fats, oils, and grease (FOG) content of its wastewater from the many restaurants in service during the tourism season. A FOG removal tank is proposed downstream of the headworks and upstream of the oxidation ditch. This will improve the biosolids settling performance and eliminate the need for a third final clarifier. The tank would measure 10 feet by 25 feet by 12 feet deep and would be constructed of reinforced concrete. Wastewater would flow through the tank and FOG would collect at the surface. A tube skimming device would be used where a tube in a rotational loop, would be introduced to wastewater surface where FOG accumulates. The tube surface would attract FOG and carry it out of the wastewater to a skimming device where the FOG is collected in a dumpster for final disposal. This process would happen continuously as the tube loop rotates in and out of the FOG tank. The tank would be mostly covered with grating to allow access if needed. Plug valves upstream and downstream of the tank would isolate the tank when it would not be in service in the colder months (November through April) when tourism is not prevalent in the City and the FOG content in the wastewater is decreased. The tube skimmer device would be located under a metal shelter with a roof for protection from rainfall.

At the oxidation ditch, two new replacement aerators would be installed to provide more aeration capacity for the higher pollutant loadings. This additional aeration capacity would increase the BOD and TKN removal capacity, taking into account the higher seasonal loadings in the summer months. The new replacement aerators would be located at the north end of the ditch with a 50-Hp unit that spans the outer and middle channels, and the south end of the ditch with a 25-Hp unit that spans only the outer channel. The actual upgrade at the oxidation ditch will likely be more extensive than these upgrades to replace aeration equipment that is approaching the end of its service life. These costs are not included in the analysis.

The splitter box just upstream of the two final clarifiers has two approximately 6 foot long straight-edged weirs. The weirs at the splitter must be increased in length to keep the head above the weirs at its present maximum design with the higher peak hour flow rate. Each weir will be replaced with a fingered weir with a length of 14 feet to maintain the existing hydraulic grade-line through the facility.

The WWTF has occasional higher solids content in the effluent. The City has also questioned if preliminary clarifiers are needed to achieve better settling performance. A review of the sizing of the final clarifiers indicates that the existing clarifier hydraulic loading rate with two clarifiers on-line under peak hour flow rate conditions, is well under the WAC design code requirement of a maximum of 1,200 gallons per day per ft² of clarifier area. With the oxidation ditch activated sludge WWTF process type of Lake Geneva, preliminary clarifiers are not needed. Preliminary clarifiers are typically used in the conventional activated sludge process where it is important to remove a portion of the organic influent loading before the main activated sludge treatment process. Having preliminary clarifiers would produce primary biosolids that the WWTF is not equipped to manage. Primary biosolids are typically digested with an anaerobic process that the existing WWTF does not have. It would be very expensive to add an anaerobic digestion system at the WWTF. In addition, primary clarifiers are not appropriate to be added to the WWTF to improve the solids settling as they do not fit into the existing treatment scheme.

To improve the solids settling and to position the WWTF for future growth with increased flow rates, the existing clarifier feed wells can be retrofitted with a series of baffles to promote more contact of the solids in this area. The feed well is the area that the mixed liquor from the oxidation ditch is first introduced to in the final clarifiers. Presently, the clarifiers do not have these baffles at the feed wells. With the baffles, more contact of solids will occur within the mixed liquor and larger flocs of solids will be formed. These larger flocs will settle faster improving the performance of the overall final clarifier system.

Another improvement to the existing final clarifiers would be the addition of Stamford baffles. These are baffles on the outer wall of the clarifiers meant to diffuse density currents that can cause solids to carry solids up along the wall and flow to the inboard launder. The baffles help prevent this phenomenon by dissipating the energy along the wall. The baffles have proved to be successful in other WWTFs with occasional higher solids content in their effluent.

The clarifier influent well baffle system and the Stamford baffles along the outer walls will also help the WWTF manage the future needed performance of the final clarifier system with higher hydraulic and solids loading. A third final clarifier and the associated new splitter box and underground piping are not included as future WWTF improvements. The clarifier influent well baffle system and the Stamford baffles are included as future WWTF improvements.

The final clarifier effluent flows to a clear well where three vertical turbine type effluent pumps convey the treated water through a 20-inch force main to seepage cells on the far east part of the City. The effluent pumps are rated at 2,200 gpm at 92 feet TDH and have 75 Hp motors. For the projected peak hour flow with one pump out of service, the pumps need to be upsized to 2,400 gpm at approximately 94 feet TDH with 100 Hp motors. Given the age of the pumps and the unknown feasibility of the pump head being compatible with a larger motor, we recommend that the pumps be replaced in kind. The pumps will also be outfitted with variable frequency drives and new controls to maintain an approximate constant clear well water level. As the flow rate increases to the clear well, the pumping rate will increase through the use of the pump motor variable frequency drives; as the flow rate decreases, the pump rate will decrease using the drives. With the new pump controls and programming, the high level of the clear well will decrease approximately one foot to improve the hydraulics of the final clarifier effluent flowing the final clarifier effluent launders to the clear well.

To help with the WWTF hydraulics between the oxidation ditch and the final clarifiers, it is assumed the RAS pumping rate will be decreased during the projected peak hour flow rate instead of the typical 1:1 flow rate match of the RAS to the forward flow. It is assumed that at the peak hour flow rate, the RAS flow rate would be 2,000 gpm (instead of 4,800 gpm).

City staff have also indicated that the solids process at the WWTF with the belt filter press is a constraint in the overall solids handling and management process. The City reports that the output from the press is limited to approximately 16% solids by weight. The dewatered cake is stored in a building with limited storage capacity, little air movement and no sunlight. No additional drying takes place in the building. With

time, the biosolids cake from the belt press slumps down and becomes water-logged, limiting the storage volume in the building. To address this issue with new growth in the City, a new sludge dewatering device is proposed. The dewatering device is a newer technology using a series of volutes to compress liquid biosolids into cake at 17-19% solids. This is higher than the solids content from the existing belt press. In addition, a biosolids dryer/dehumidifier is proposed to be added to the solids process after dewatering to dry the biosolids to above 90% solids. The dryer will greatly reduce the storage volume required and maximize the use of the existing building. It is assumed the volute press and dryer would fit within the existing pole building. This equipment is included in the future WWTF improvements.

5.2 Pumping Stations and Force Mains

The future flow rates within the sewer collection system were estimated using the area flow rates by land use type summarized in Table 8. The average flow rate coming from each sewer study area was estimated by multiplying the total developable acreage by the number RECs per acre for the corresponding land use type. Assuming 2.13 people per REC and an average sewer flow of 80 gallons per capita per day, the average flow for each study area was estimated and is summarized in Table 18. The total average flow that is expected to come from the future development of the sewer study areas is 1.01 MGD.

The study areas were analyzed to determine pumping station needs. Flows to existing and future pump stations were estimated using the area flow factors shown in Table 8. The peak hour flow rate to each pumping station was found using peaking factors as listed in Table 2 of the DNR Code NR110.

The future development within the study areas will contribute more flow to the Pioneer and Bigfoot pumping stations. The Bigfoot pump station, which has a capacity of 325 gpm, will receive flows from H, H-2, H-3, K, and K-1 and will require an additional 115 gpm to meet future demands. The Pioneer pump station, which is estimated to have a capacity of 198 gpm, will receive sewer flows from E-1, E-2, F, G, G-1, G-2, H-1, I, and J and will be completely replaced with a new 1,100 gpm facility. The future developments are expected to necessitate the construction of nine new pumping stations, as summarized in Table 21.

Table 21: Future Pumping Station Capacity Analysis

Pump Station	New Upstream Areas Served	Developabl e Area (acres)	Land Use	RECs	Average Flow (gpm)	Peaking Factor	Future Peak Hour Flow (gpm)	Force Main Diameter (in)	Force Main Length (ft)
NEW PUMP STATIONS									
S Lakeshore Dr	H-3, K, K-1, and a Portion of H-2	263.8	Single Family Residential	791	93.7	5	468	6	3,400
Townline Rd	G, G-2, J	181.3	Planned Neighborhood	453	53.6	5	268	6	1,300
McDonald Rd	B	206.6	Single Family Exurban	207	24.5	5	122	4	4,300
Grandview Dr	Portion of B-1	60.8	Single Family Residential	182	21.6	5	108	4	2,800
Lake Forest Cir	Portion of B-1	55.7	Single Family Residential	167	19.8	5	99	4	2,300
Sheridan Springs Rd	C-1	45.6	Planned Neighborhood	114	13.5	5	67	4	1,300
North State Rd 120	C-3	162.1	Planned Mixed Use (Hotel)	1,142	135.1	5	675	8	2,700
Park Dr	Portion of C, and C-6	85.9	Single Family Residential	258	30.5	5	152	4	4,100
South State Rd 120	H-1	435.3	Planned Mixed Use	1,277	151.1	5	756	8	2,200
Pump Station (Existing Firm Capacity)	Existing Average Flow (gpm)	New Upstream Areas Served		RECs	Future Average Flow (gpm)	Peaking Factor	Future Peak Hour Flow (gpm)	New Force Main Diameter (in)	New Force Main Length (ft)
EXISTING PUMP STATIONS ¹									
Bigfoot Pump Station	29.1	H, H-2, H-3, K, K-1		1,118	103.2	5	516	N/A ²	N/A ²
Pioneer Estates (198 gpm) ¹	31.7	E-1, E-2, F, G, G-1, G-2, H-1, I, J		2,080	214.5	5	1,072	10	3,300

1 Only the existing pump stations that will need modifications to accommodate future developments are shown in this table.

2 The Bigfoot Pump Station has a force that is 6-inches in diameter which has enough capacity to accommodate planned developments

5.3 Interceptor Sewers

The interceptor sewers were analyzed under future flow conditions using the Manning open flow equation in the same manner that they were analyzed under existing flow conditions, as summarized in Table 9. This analysis was used to determine whether the interceptor sewers have enough capacity for the future development.

In 2019 and 2020, MSA Professional Services, Inc. performed two in-depth sewer studies using a hydraulic model. Recommendations from these two studies are incorporated into the recommendations that result from the analysis done as a part of this study. It was found that three interceptor sewers need to be replaced with larger piping.

The sewer analysis done in this study was done using a “snapshot” method, where the interceptor sewers were analyzed at multiple locations throughout the collection system. The flow at each location was estimated by quantifying the contributing acreage of each land use type and multiplying that by the flow-area factors shown in Table 8. The “snapshots” were completed in general at the end of each interceptor sewer. For longer interceptors, such as the East, Lake Shore Drive, and Dodge Street interceptors, an analysis was done at the mid-point of the pipes. At each location where the pipe capacity was analyzed, up to ten more upstream pipe-lengths were also analyzed. To be conservative, the same peak hour flow rate was used for each upstream manhole segment.

A sewer study that was done by MSA Professional Services (MSA) in 2019 included a sewer system model of the entire sewer collection system. This model was calibrated using flow metering to improve the accuracy of the model. This study concludes that the existing sewer collection system has enough capacity to accommodate all existing sewer flows, the Symphony Bay development area (sewer study areas G-1, G-2 and half G and J) and 25% of the Southeast development area (sewer study areas E-1, F, J-1, and half of G and J). This study does not make recommendations as to which sewer interceptors should be upsized to meet future sewer flows.

A second sewer study by MSA in 2020 focused on the Southeast development area and the East Interceptor Sewer. This study concluded that the East interceptor sewer does not have enough capacity to meet expected peak flows from the future development. This MSA study recommends that the south segment of the East interceptor be upsized from an 18-in to a 24-in diameter, and that the north segment be upsized from a 21-in to a 27-in diameter.

Through the “snapshot” sewer analysis, as summarized in Table 22, it was found that portions of the Lake Shore Drive, East, and Dodge interceptors do not have enough capacity to meet future flows. It is recommended to replace parts of these interceptors with larger diameter sewers to accommodate the projected sewer flows. The “snapshot” analysis shows that only a portion of the East Interceptor needs to be replaced, however, because a more detailed analysis was done in the past where MSA recommended full replacement, it is assumed that a full replacement of this interceptor is required. The recommended diameters for these interceptor sewers are listed in Table 22.

Table 22: Interceptor Sewer Existing Capacity Summary

Pipe At Location						
Location	Interceptor Sewer	Diameter (in)	Future Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Future Remaining Capacity (cfs)	Recommended Pipe Size (in)
1	Lake Shore Drive	8	1.13	0.90	(0.23)	12
2	Lake Shore Drive	12	0.88	9.75	8.87	-
3	Lake North	14	1.27	2.50	1.23	
4	East ¹	18	2.78	6.33	3.55	24
5	East ¹	21	3.72	5.01	1.29	30
6	Dodge Street	12	1.44	7.19	5.74	12
7	North	18	1.72	4.30	2.58	
8	George Street	8	0.47	1.27	0.80	
9	Lake North Central	18	2.23	6.20	3.97	
10	Lake North Central	21	2.47	8.78	6.32	
11	Lake North Central	21	2.60	32.31	29.71	
12	Lake North Central	30	7.30	11.60	4.30	

Pipe W/ Min Capacity Upstream of Location						
Location	Interceptor Sewer	Pipe Diameter (in)	Future Estimated Peak Hour Flow Rate (cfs)	Estimated Pipe Capacity (cfs)	Future Remaining Capacity (cfs)	Recommended Pipe Size (in)
1	Lake Shore Drive	8	1.13	0.90	(0.23)	12
2	Lake Shore Drive	8	0.88	2.2	1.37	-
3	Lake North	14	1.27	1.93	0.66	-
4	East ¹	18	2.78	4.3	1.52	24
5	East ¹	21	3.72	2.92	(0.81)	30
6	Dodge Street	8	1.44	0.6	(0.89)	12
7	North	10	1.72	2.50	0.78	-
8	George Street	8	0.47	0.8	0.33	-
9	Lake North Central	18	2.23	6.20	3.97	-
10	Lake North Central	18	2.47	3.6	1.17	-
11	Lake North Central	21	2.60	5.01	2.41	-
12	Lake North Central	30	7.30	11.6	4.30	-

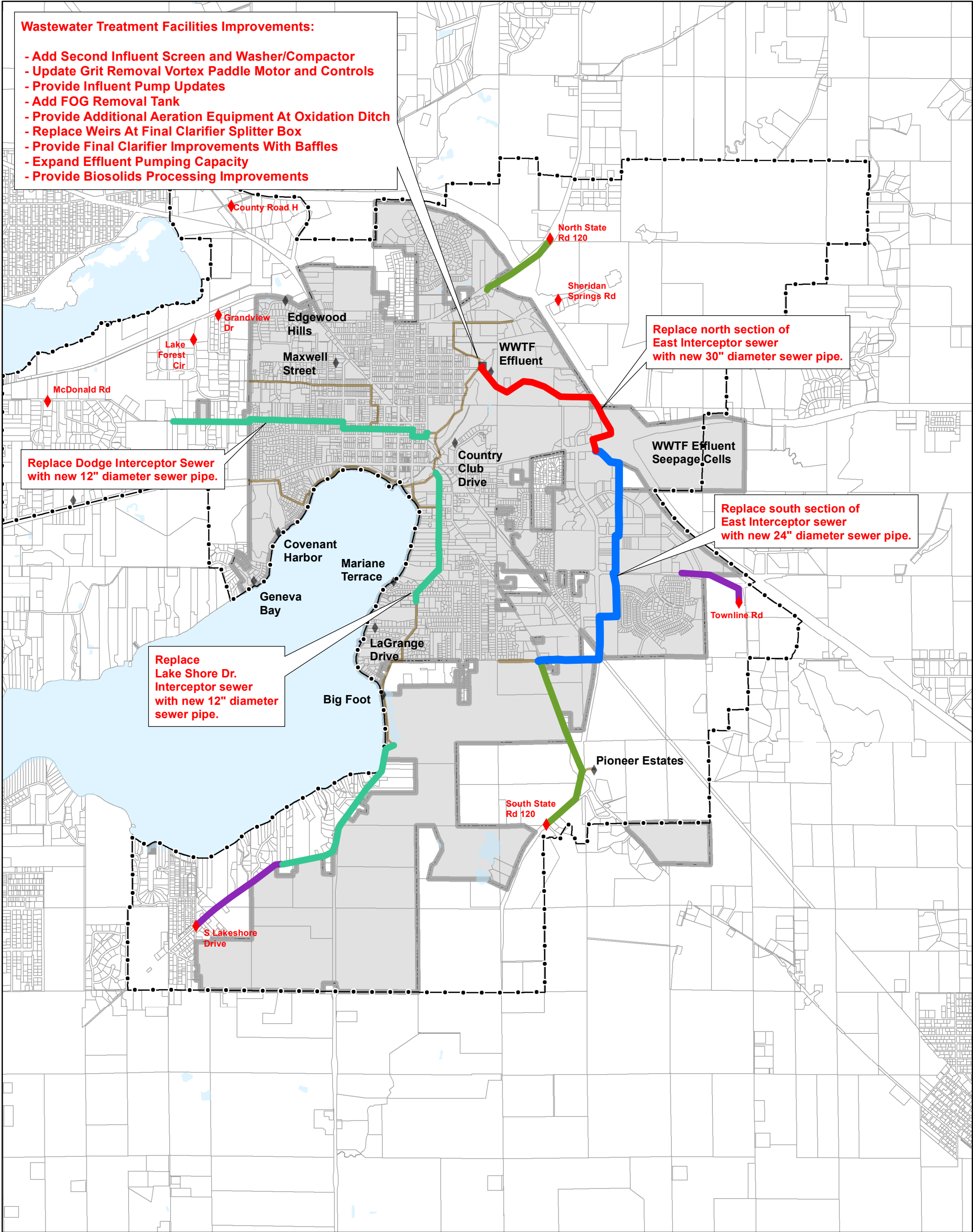
¹ A detailed analysis of the East Interceptor Sewer was performed by MSA Professional Services in 2020. Recommendations of improvements to the East Interceptor are taken from the study done by MSA.

5.4 Summary of Recommended Wastewater System Improvements

The improvements to the wastewater facilities and utilities that are recommended to accommodate future development are summarized in Table 23 below. Figure 6 shows the proposed wastewater system improvements.

Table 23: Recommended Wastewater System Improvements

Location/Study Area	Description
WWTF	• Add Second Influent Screen and Washer/Compactor • Update Grit Removal Vortex Paddle Motor and Controls • Provide Influent Pump Updates With Replacement Pumps and Impeller Change-Outs • Add FOG Removal Tank Downstream of Headworks • Provide Additional Aeration Equipment at Oxidation Ditch • Replace Weirs At Final Clarifier Splitter Box To Achieve Greater Weir Length • Add Stamford Baffles and Feed Well Baffle System At Final Clarifiers • Replace Effluent Pumps With New , Motors, and Controls. • Provide Biosolids Processing Improvements with Volute Press and Dryer
Interceptors and Gravity Sewers (≥ 10 -inch)	• Lake Shore Drive Interceptor Sewer – 2,800 LF of 12" Sewer Main • East Interceptor Sewer – 11,200 LF of 24" Sewer Main • East Interceptor Sewer – 6,700 LF of 30" Sewer Main • Dodge St Interceptor Sewer – 8,300 LF of 12" Sewer Main
Pumping Stations and Force Mains (≥ 6 -inch)	• S Lakeshore Dr Pump Station (468 gpm) • S Lakeshore Dr – 3,400 LF of 6" Force Main • Townline Rd Pump Station (268 gpm) • Townline Rd – 1,300 LF of 6" Force Main • McDonald Rd Pump Station (122 gpm) • Grandview Dr Pump Station (108 gpm) • Lake Forest Cir Pump Station (99 gpm) • Sheridan Springs Rd Pump Station (67 gpm) • North State Rd 120 Pump Station (675 gpm) • North State Rd 120 – 2,700 LF of 8" Force Main • Park Dr Pump Station (152 gpm) • South State Rd 120 Pump Station (756 gpm) • South State Rd 120 – 2,200 LF of 8" Force Main • Bigfoot Pump Station – Upgrade to 516 gpm • Pioneer Estates Pump Station – Upgrade to 1,072 gpm • Pioneer Estates Pump Station – 3,300 LF of 10" Force Main



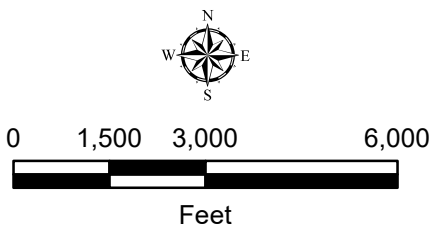
Date: November 2022

Figure 6

Proposed Wastewater Collection System and Facilities

Water and Wastewater Utilities Impact Fee Study

- Proposed Pump Station
- Proposed Sewer Main
 - 12"
 - 24"
 - 30"
- Proposed Force mains
 - 6"
 - 8"
- Wastewater Treatment Facility
- Pumping Station
- Existing Interceptors
- Study Area
- City Limits



6 Costs

For construction costs, Ruekert/Mielke, Inc. (R/M) has developed cost curves from previous bid out water and wastewater projects indexed to current year costs. These were developed for water booster stations based on pumping capacity and elevated storage tanks in the spheroid configuration based on storage volume. For the booster stations cost curve, a buried structure is assumed for very small capacities while a building is assumed for intermediate to larger capacities. For the one additional booster station required in the City, an additional factor was added to account for a small building instead of having it in a buried steel structure. With this change, the new booster station would be similar to other small booster stations in the City.

For wastewater, a pumping station cost curve was developed based on pumping capacity. It is assumed that each pumping station is the submersible type with a small building for controls and a standby generator. These curves were used to identify costs for Lake Geneva with the projected conditions. The cost curves are included in Appendix A.

For utilities, unit costs were used based on bid prices and quantities from recent R/M historical records adjusted for current conditions. For new facilities at the water and wastewater treatment facilities, custom costs were developed based on coordination with manufacturers and contractors for specific requirements.

A 35% factor was used for engineering, legal and contingencies after the construction cost was identified. Tables 24 and 25 show the water and wastewater system costs, respectively.

Some costs for both the water and wastewater systems are prorated to take into account that there is an existing deficiency, or that a particular equipment item is partly for redundancy and partly for capacity expansion. For example, an existing water system deficiency that was identified during the analysis is the reservoir fill line for the Host Tower. The fill line is 12-inches in diameter, which does not have the capacity to convey the fire flow of 3,500 gpm without significant pressure loss. The total cost of the existing water system deficiencies is estimated to be about \$392,000. This cost is not included in the total project costs.

In the wastewater system it is logical from an operational standpoint, to provide a second identical screen to provide redundancy and to meet the peak hour rate requirement. For facilities with an average daily flow of over 2.0 MGD, it is common to have a second screen for redundancy. In this case, by adding the second screen rated at 5.2 MGD, the extra capacity is $6.87 \text{ MGD} - 5.20 \text{ MGD} = 1.67 \text{ MGD}$. The remaining capacity of the screen (3.53 MGD) is for operational redundancy with is important as WWTF's increase in size. Therefore, 22.4 % ($1.67 \text{ MGD} / 5.2 \text{ MGD}$) of the full cost of the second screen is included in the analysis.

Table 24: Water System Improvement Costs

Number	Item	Unit	Quantity	Unit Price	Total
Water Mains and Distribution					
1	10" Water Main - Northwest Area	LF	18,300	\$180	\$3,294,000
2	14" Water Main - Northeast Area	LF	5,600	\$230	\$1,288,000
3	10" Water Main - South Area	LF	16,600	\$180	\$2,988,000
4	12" Water Main - South Area	LF	8,500	\$200	\$1,700,000
5	14" Water Main - South Area	LF	6,500	\$250	\$1,625,000
6	18" water mains from the Host Tower ¹	LF	1,400	\$280	\$392,000
7	12" water mains from the Dodge Booster Station	LF	2,100	\$200	\$420,000
SUBTOTAL					\$11,707,000
SUBTOTAL PRORATED					\$11,315,000
Booster Stations and Storage					
7	700-gpm Fire Pump - Dodge Booster Station	EA	1	\$40,000	\$40,000
8	240,000 gal Elevated Storage Tank - South Pressure Zone	LS	1	\$1,830,000	\$1,830,000
9	80 gpm Booster Station - South Pressure Zone	LS	1	\$600,000	\$600,000
10	210 gpm Booster Station - Northwest Pressure Zone	LS	1	\$700,000	\$700,000
11	Pressure Reducing Vaults - Northwest Area (PRV Zones)	LS	1	\$125,000	\$125,000
SUBTOTAL					\$3,295,000
SUBTOTAL PRORATED ²					\$3,170,000
Treatment System					
12	Filters For Plant B (1,000 gpm)	LS	1	\$430,000	\$430,000
13	Extra Installation Effort (Knock Out Wall)	LS	1	\$20,000	\$20,000
14	Process Piping	LS	1	\$115,000	\$115,000
15	BW Tank	LS	1	\$70,000	\$70,000
16	BW Pump	LS	1	\$10,000	\$10,000
17	Vertical Turbine Pumps	EA	2	\$96,000	\$192,000
18	Suction Piping To Vertical Turbine Pumps	LS	1	\$165,000	\$165,000
19	Electrical and MCC	LS	1	\$120,000	\$120,000
20	Chemical Feed Equipment	LS	1	\$18,000	\$18,000
SUBTOTAL					\$1,140,000
SUBTOTAL PRORATED ²					\$1,140,000
SUBTOTAL					\$15,625,000
ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)					\$5,469,000
TOTAL PROJECT COSTS					\$21,094,000

Table 25: Wastewater System Improvement Preliminary Cost Estimate

Number	Item	Unit	Quantity	Unit Price	Total
WWTF					
1	Screen Equipment Mechanical and Electrical	EA	1	\$325,000	\$325,000
2	Screenings Washer and Compactor Equipment Mechanical and Electrical	EA	1	\$130,000	\$130,000
3	Grit Removal Paddle, Motor, VFD and Controls	LS	1	\$35,000	\$35,000
4	Influent Pumping - Replace End Pumps With 25 Hp, 1,200 GPM Pumps at 51 Ft. TDH. Update Controls.	EA	2	\$65,000	\$130,000
5	Influent Pumping - Replace End Pump Discharge Piping From 6-Inch to 10-Inch	LS	1	\$13,000	\$13,000
6	Influent Pumping - Replace End Pump Discharge Piping Tees at Main Header	EA	2	\$5,000	\$10,000
7	Influent Pumping - Replace Middle Pump Impeller To Get 900 GPM Pumps at 51 Ft. TDH.	EA	1	\$6,000	\$6,000
8	Influent Pumping - Replace Middle Pump To Get 900 GPM Pumps at 51 Ft. TDH.	EA	1	\$38,000	\$38,000
9	FOG Tank - Excavation and Backfill	LS	1	\$18,000	\$18,000
10	FOG Tank - Concrete	CY	60	\$1,200	\$72,000
11	FOG Tank - Skimmer	LS	1	\$80,000	\$80,000
12	FOG Tank - Electrical and Controls	LS	1	\$40,000	\$40,000
13	FOG Tank - Mechanical Connections and Valves	LS	1	\$30,000	\$30,000
14	FOG Tank - Misc. Metals and Grating	LS	1	\$45,000	\$45,000
15	Oxidation Ditch - New Aerators	LS	1	\$405,000	\$405,000
16	Splitter Box Weir Replacement	EA	2	\$8,000	\$16,000
17	Final Clarifier - Stamford Baffles	EA	2	\$42,000	\$84,000
18	Final Clarifier - Baffle System at Feedwell	EA	2	\$62,000	\$124,000
19	Effluent Pumps - Replace Pumps With Firm of 2,400 GPM. Increase Motor Size to 100 Hp. Add VFDs and Update Controls	EA	3	\$68,100	\$204,300
20	Biosolids Volute Press and Dryer - Demolition, Equipment, and Mechanical	LS	1	\$3,224,000	\$3,224,000
21	Biosolids Volute Press and Dryer - Electrical and Controls	LS	1	\$170,000	\$170,000
22	Biosolids Volute Press and Dryer - Building Updates (Internal Walls, Lighting, HVAC)	LS	1	\$130,000	\$130,000
SUBTOTAL					\$5,329,300
SUBTOTAL PRORATED					\$4,976,220

Table 25: Wastewater System Improvement Preliminary Cost Estimate

Interceptors Gravity Sewers					
23	Lake Shore Drive Interceptor Sewer - 12" Sewer Main	LF	2,800	\$275	\$770,000
24	East Interceptor Sewer - 24" Sewer Main	LF	11,200	\$400	\$4,480,000
25	East Interceptor Sewer - 30" Sewer Main	LF	6,700	\$450	\$3,015,000
26	Dodge St Interceptor Sewer - 12" Sewer Main	LF	8,300	\$275	\$2,282,500
				SUBTOTAL	\$10,547,500
Pumping Stations and Force Mains					
27	S Lakeshore Dr Lift Station (468 gpm)	LS	1	\$730,000	\$730,000
28	S Lakeshore Dr - 6" Force Main	LF	3,400	\$130	\$442,000
29	Townline Rd Lift Station (268 gpm)	LS	1	\$630,000	\$630,000
30	Townline Rd - 6" Force Main	LF	1,300	\$130	\$169,000
31	McDonald Rd Lift Station (122 gpm)	LS	1	\$550,000	\$550,000
32	Grandview Dr Lift Station (108 gpm)	LS	1	\$550,000	\$550,000
33	Lake Forest Cir Lift Station (99 gpm)	LS	1	\$550,000	\$550,000
34	Sheridan Springs Rd Lift Station (67 gpm)	LS	1	\$500,000	\$500,000
35	North State Rd 120 - Lift Station (675 gpm)	LS	1	\$790,000	\$790,000
36	North State Rd 120 - 8" Force Main	LF	2,700	\$150	\$405,000
37	Park Dr Lift Station (152 gpm)	LS	1	\$560,000	\$560,000
38	South State Rd 120 - Lift Station (756 gpm)	LS	1	\$800,000	\$800,000
39	South State Rd 120 - 8" Force Main	LF	2,200	\$150	\$330,000
40	Bigfoot Lift Station Lift Station - Upgrade to 516 gpm	LS	1	\$730,000	\$730,000
41	Pioneer Estates Lift Station - Upgrade to 1,072 gpm	LS	1	\$920,000	\$920,000
42	Pioneer Estates Lift Station - 10" Force Main	LF	3,300	\$170	\$561,000
				SUBTOTAL	\$9,217,000
				SUBTOTAL	\$24,740,720
				ENGINEERING, ADMINISTRATIVE, LEGAL AND CONTINGENCIES (35%)	\$8,660,000
				TOTAL PROJECT COSTS	\$33,400,720

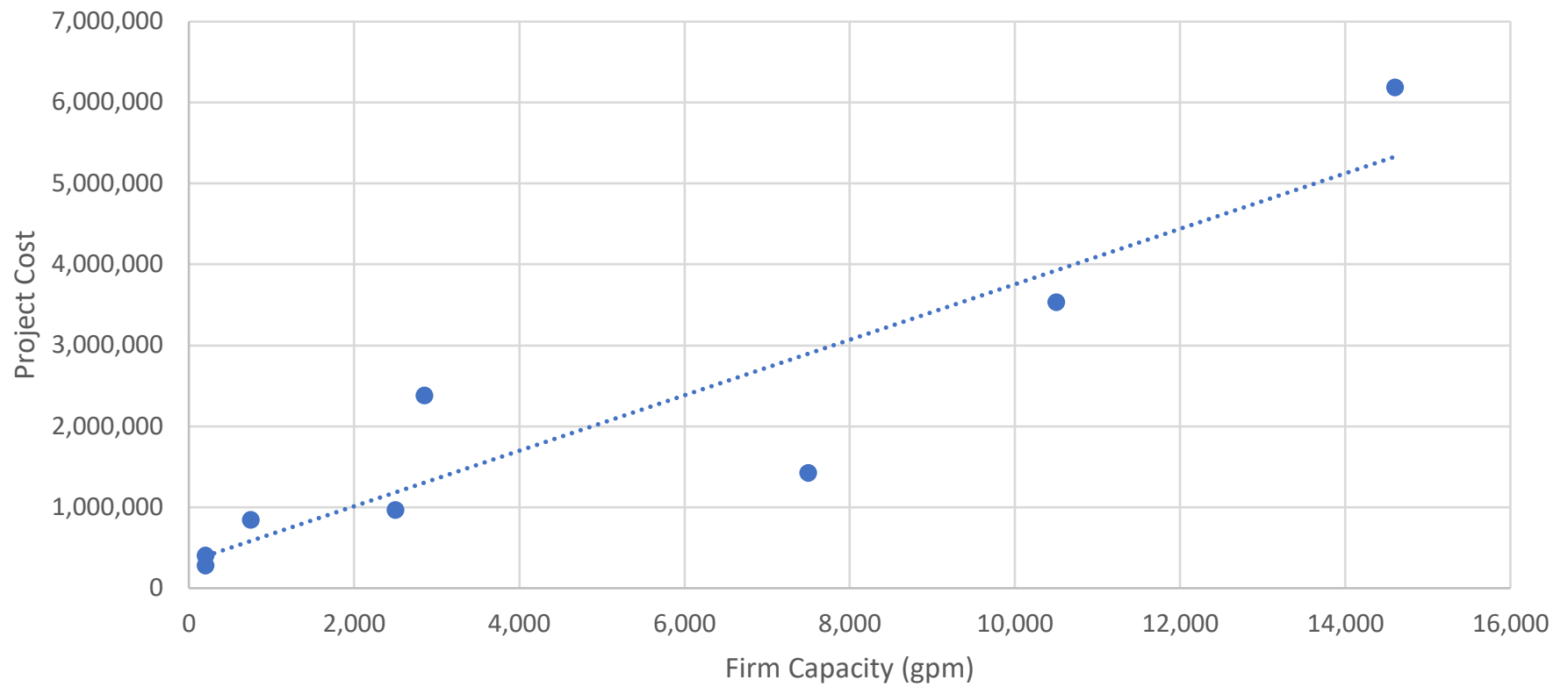
7 Summary and Conclusion

Using the City's projected land use, growth patterns, and applicable water demand and wastewater factors, the year 2042 population equivalent is 12,786. This equates to 6,003 additional RECs. The total cost for the water and wastewater systems are \$21,094,000 and \$33,401,000 respectively.

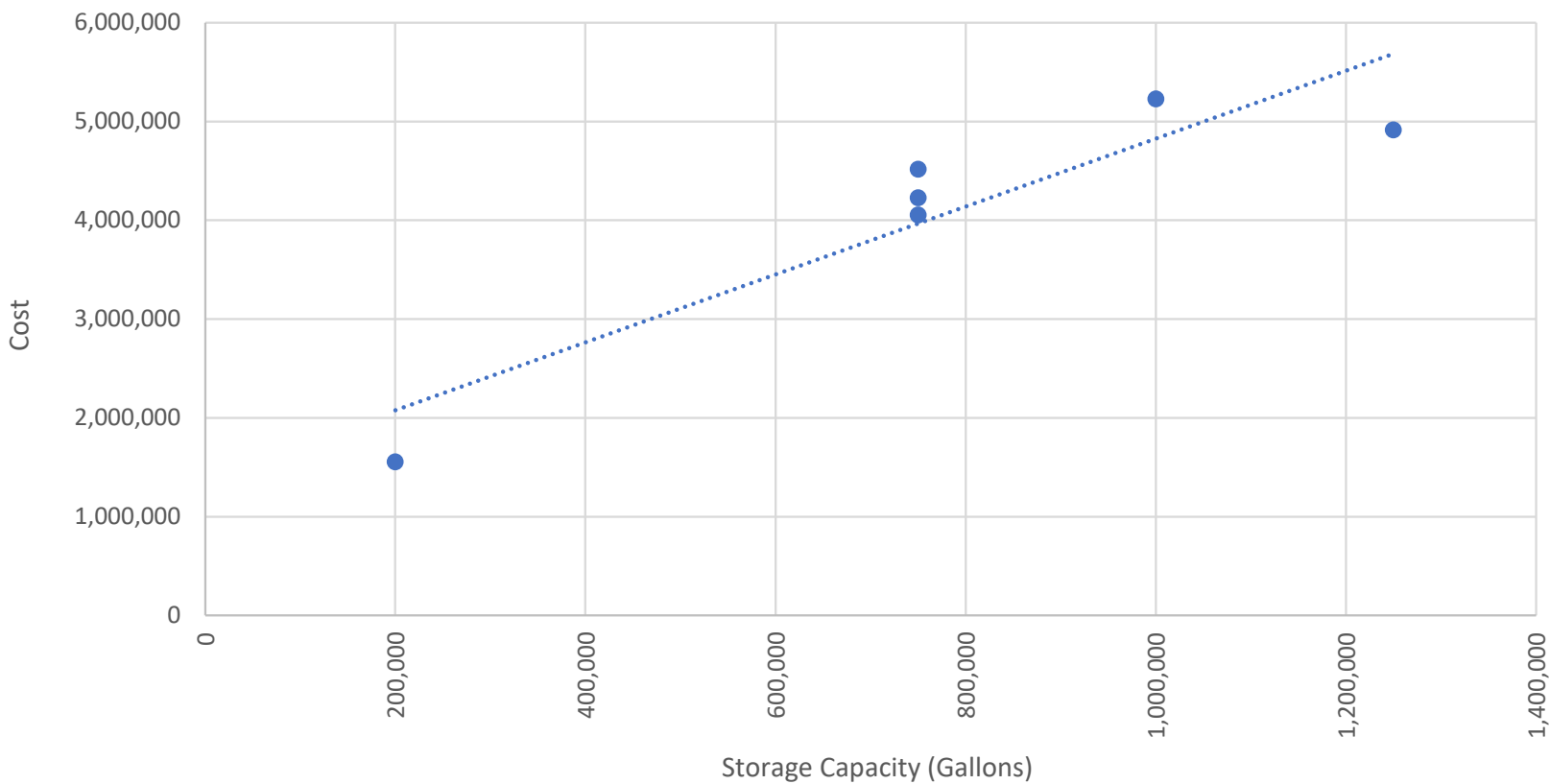
Appendix A

Cost Curves: Lift Stations, Booster Stations, and Elevated Storage Tanks

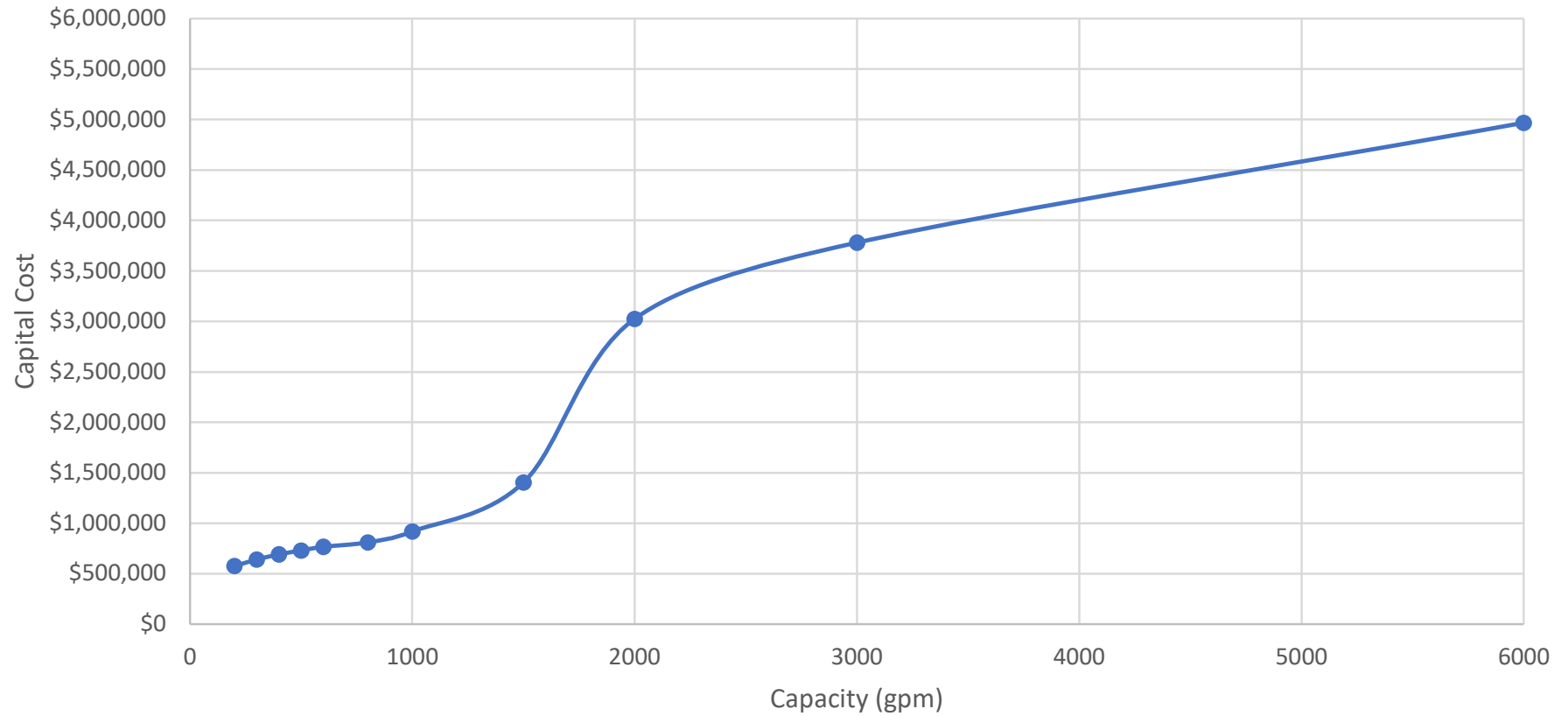
Booster Station Construction Costs



Elevated Storage Tank Construction Cost



Sanitary Pumping Station Construction Cost, \$



APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF TWO PAGES

PROJECT: 2022 Street Improvement Project APPLICATION NO:

3

Distribution to:

☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☒ ENGINEER

PERIOD TO: 2/28/2023

FROM CONTRACTOR:

Wolf Paving Co., Inc.
 1320 Walnut Ridge Dr, Ste 100
 Hartland WI 53029

PROJECT NOS:

PROJECT NO:

CONTRACT DATE:

CONTRACT FOR: City of Lake Geneva 2022 Street Improvement Project Phase 1

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM \$ 40,621.92
 2. Net change by Change Orders \$
 3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 40,621.92
 4. TOTAL COMPLETED & STORED TO DATE \$ 40,621.92
 (Column G on G703)

5. RETAINAGE:

a. 0 % of Completed Work \$ 0.00
 (Column D + E on G703)
 b. % of Stored Material \$ 0.00
 (Column F on G703)
 Total Retainage (Lines 5a + 5b or
 Total in Column I of G703) \$ 0.00

6. TOTAL EARNED LESS RETAINAGE \$ 40,621.92
 (Line 4 Less Line 5 Total)
 7. LESS PREVIOUS CERTIFICATES FOR
 PAYMENT (Line 6 from prior Certificate) \$
 8. CURRENT PAYMENT DUE \$ 40,621.92
 9. BALANCE TO FINISH, INCLUDING RETAINAGE
 (Line 3 less Line 6) \$ 0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
TOTAL COMPLETED & STORED TO DATE	\$0.00	
RETAINAGE 10%	\$0.00	
TOTAL EARNED LESS RETAINAGE	\$0.00	
LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$0.00	
TOTALS	\$0.00	\$0.00
CURRENT PAYMENT DUE	\$40,621.92	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Wolf Paving Co., Inc.

By: _____ Date: February 24, 2023

Jacob Mrugacz - President

State of: Wisconsin

County of: Waukesha

Subscribed and sworn to before me this 24 day of February, 2023

Notary Public:

My Commission expires: 4/14/2023

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 40,621.92

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: ENGINEER

By: _____ Date: 02/24/2023

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET			AIA DOCUMENT G703							
AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.					APPLICATION NO: 3					
In tabulations below, amounts are stated to the nearest dollar.					APPLICATION DATE: 2/24/2023					
Use Column I on Contracts where variable retainage for line items may apply.					PERIOD TO: 2/24/2023					
					PROJECT:					
A	B	C	D	E	F	G		H	I	
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G ÷ C) Percentage Complete	BALANCE TO FINISH (C - G)	RETAINAGE 0.00%	
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD						
11	Dense Grade Base 2538.87 Ton @ \$16.00/Ton	\$40,621.92	\$0.00	\$40,621.92	\$0.00	\$40,621.92	100.00%	\$0.00	\$0.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	\$0.00	\$0.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	\$0.00	\$0.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	\$0.00	\$0.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	\$0.00	\$0.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	\$0.00	\$0.00	
	GRAND TOTALS	\$40,621.92	\$0.00	\$40,621.92	\$0.00	\$40,621.92	100.00%	\$0.00	\$0.00	
AIA DOCUMENT G703 · CONTINUATION SHEET FOR G702 · 1992 EDITION · AIA · © 1992 THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20006-5292										G703-1992

Invoice

ODLING CONSTRUCTION, INC.

4941 TOWN HALL RD.

DELAVAN, WI 53115

Date	Invoice #
8/19/2022	0822-05

262-728-5148 office 262-728-0290 fax

oci@genevaonline.com

Bill To
Accounts Payable 612 N. Sawyer Road Oconomowoc, WI 53066

Terms
Net 30

Date	Description	Qty/Hrs.	Rate	Total
	August 1 - 15, 2022			
	Road gravel - 2235.17 ton	2,235.17	7.25	16,204.98T
	Dump 94 loads	94	60.00	5,640.00
	3/4" Limestone w/Fines - 15.34 ton	15.34	15.75	241.61T
	Sales Tax - 5.5% Walworth County		5.50%	904.56

	Total due	\$22,991.15
	Payments/Credits	\$0.00
	Balance Due	\$22,991.15

Client Project Report

08/01/2022 12:00 AM - 08/15/2022 11:59 PM

CLIENT	Wolf Paving						
PROJECT	21.30170						
TICKET	DATE	VEHICLE	PRODUCT	NET TONS	NET \$	TAX	TOTAL \$
33601	08/12/2022 11:09 AM	124 Wolf	Limestone w/FINES 3/4"	15.34	\$241.61	\$13.29	\$254.89
21.30170	22.20033	1		15.34	\$241.61	\$13.29	\$254.89
PROJECT	22.20091						
TICKET	DATE	VEHICLE	PRODUCT	NET TONS	NET \$	TAX	TOTAL \$
21566	08/26/2022 12:33 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21568	08/26/2022 12:31 PM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21572	08/01/2022 10:16 AM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21574	08/01/2022 10:17 AM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21575	08/01/2022 10:19 AM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21576	08/01/2022 10:22 AM	R26 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21579	08/01/2022 10:42 AM	53 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21580	08/01/2022 10:55 AM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21581	08/01/2022 10:56 AM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21582	08/01/2022 11:03 AM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21587	08/01/2022 11:38 AM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21588	08/01/2022 11:43 AM	R26 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21591	08/01/2022 12:02 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21592	08/01/2022 12:02 PM	R26 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21595	08/01/2022 12:20 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21596	08/01/2022 12:30 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21597	08/01/2022 12:45 PM	547 Willkomm	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21604	08/01/2022 01:13 PM	53 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21606	08/01/2022 01:28 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21607	08/01/2022 01:35 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21612	08/01/2022 01:51 PM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21614	08/01/2022 01:53 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21615	08/01/2022 02:10 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21616	08/01/2022 02:16 PM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21618	08/01/2022 02:29 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21619	08/01/2022 02:37 PM	R26 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21620	08/01/2022 02:41 PM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21622	08/01/2022 02:51 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21624	08/01/2022 03:05 PM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21625	08/01/2022 03:08 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21626	08/01/2022 03:13 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21628	08/01/2022 03:42 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21629	08/01/2022 03:45 PM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21630	08/01/2022 03:49 PM	R26 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21632	08/01/2022 04:04 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21634	08/01/2022 04:10 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21636	08/01/2022 04:32 PM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21639	08/01/2022 05:04 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21648	08/02/2022 08:27 AM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00

21651	08/02/2022 08:37 AM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21653	08/02/2022 08:47 AM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21657	08/02/2022 08:50 AM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21661	08/02/2022 09:17 AM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21665	08/02/2022 09:28 AM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21668	08/02/2022 09:33 AM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21673	08/02/2022 10:06 AM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21676	08/02/2022 10:12 AM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21678	08/02/2022 10:24 AM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21679	08/02/2022 10:31 AM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21681	08/02/2022 10:34 AM	99	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21682	08/02/2022 10:44 AM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21683	08/02/2022 10:57 AM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21684	08/02/2022 11:22 AM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21692	08/02/2022 11:49 AM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21693	08/02/2022 12:08 PM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21695	08/02/2022 12:32 PM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21696	08/02/2022 12:23 PM	99	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21697	08/02/2022 12:35 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21704	08/02/2022 01:02 PM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21706	08/02/2022 01:07 PM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21708	08/02/2022 01:23 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21715	08/02/2022 01:52 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21716	08/02/2022 01:56 PM	99	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21718	08/02/2022 02:05 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21722	08/02/2022 02:29 PM	R-16 Vizcainos	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21726	08/02/2022 02:45 PM	F1 RobEst	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21730	08/02/2022 03:01 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21733	08/02/2022 03:12 PM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21736	08/02/2022 03:19 PM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21737	08/02/2022 03:22 PM	R35	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21738	08/02/2022 03:27 PM	99	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21741	08/02/2022 03:55 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21764	08/03/2022 08:28 AM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21766	08/03/2022 08:31 AM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21768	08/03/2022 08:58 AM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21769	08/03/2022 09:10 AM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21773	08/03/2022 12:31 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21775	08/03/2022 12:55 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21776	08/03/2022 01:31 PM	M-4 MG Express	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21777	08/03/2022 01:33 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21778	08/03/2022 02:06 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21779	08/03/2022 02:23 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21780	08/03/2022 02:39 PM	M-41	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21781	08/03/2022 02:48 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21782	08/03/2022 03:06 PM	R-25	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21783	08/03/2022 03:08 PM	R24	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21784	08/03/2022 03:21 PM	R-14	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21785	08/03/2022 03:38 PM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21786	08/03/2022 04:06 PM	R20	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21787	08/03/2022 04:45 PM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00

21788	08/03/2022 04:48 PM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21798	08/04/2022 09:06 AM	DR-1	Large Dump	0.00	\$60.00	\$0.00	\$60.00
21800	08/04/2022 09:11 AM	12989	Large Dump	0.00	\$60.00	\$0.00	\$60.00
32845	08/01/2022 09:42 AM	DR-1	Road Gravel 1-1/4"	21.90	\$158.78	\$8.73	\$167.51
32846	08/01/2022 09:49 AM	M-4 MG Express	Road Gravel 1-1/4"	21.74	\$157.58	\$8.67	\$166.25
32848	08/01/2022 10:28 AM	F1 RobEst	Road Gravel 1-1/4"	21.50	\$155.88	\$8.57	\$164.45
32851	08/01/2022 10:27 AM	R-16 Vizcainos	Road Gravel 1-1/4"	20.97	\$152.03	\$8.36	\$160.39
32852	08/01/2022 10:29 AM	R35	Road Gravel 1-1/4"	21.00	\$152.25	\$8.37	\$160.62
32853	08/01/2022 10:31 AM	R26 Vizcainos	Road Gravel 1-1/4"	21.50	\$155.88	\$8.57	\$164.45
32859	08/01/2022 10:54 AM	DR-1	Road Gravel 1-1/4"	20.51	\$148.70	\$8.18	\$156.88
32860	08/01/2022 11:02 AM	R20	Road Gravel 1-1/4"	21.51	\$155.95	\$8.58	\$164.52
32867	08/01/2022 11:29 AM	M-4 MG Express	Road Gravel 1-1/4"	21.92	\$158.92	\$8.74	\$167.66
32870	08/01/2022 11:59 AM	R-14	Road Gravel 1-1/4"	18.98	\$137.61	\$7.57	\$145.17
32871	08/01/2022 12:01 PM	R35	Road Gravel 1-1/4"	19.99	\$144.93	\$7.97	\$152.90
32872	08/01/2022 12:03 PM	R26 Vizcainos	Road Gravel 1-1/4"	19.76	\$143.26	\$7.88	\$151.14
32878	08/01/2022 12:19 PM	R20	Road Gravel 1-1/4"	19.65	\$142.46	\$7.84	\$150.30
32879	08/01/2022 12:30 PM	DR-1	Road Gravel 1-1/4"	19.36	\$140.36	\$7.72	\$148.08
32880	08/01/2022 12:39 PM	M-4 MG Express	Road Gravel 1-1/4"	20.61	\$149.42	\$8.22	\$157.64
32885	08/01/2022 01:22 PM	53 Wolf	Road Gravel 1-1/4"	20.29	\$147.10	\$8.09	\$155.19
32890	08/01/2022 01:27 PM	R35	Road Gravel 1-1/4"	20.90	\$151.53	\$8.33	\$159.86
32891	08/01/2022 01:32 PM	R26 Vizcainos	Road Gravel 1-1/4"	19.58	\$141.96	\$7.81	\$149.76
32892	08/01/2022 01:36 PM	R-14	Road Gravel 1-1/4"	19.53	\$141.59	\$7.79	\$149.38
32894	08/01/2022 01:53 PM	R20	Road Gravel 1-1/4"	19.97	\$144.78	\$7.96	\$152.75
32899	08/01/2022 02:12 PM	F1 RobEst	Road Gravel 1-1/4"	18.83	\$136.52	\$7.51	\$144.03
32900	08/01/2022 02:10 PM	DR-1	Road Gravel 1-1/4"	21.07	\$152.76	\$8.40	\$161.16
32904	08/01/2022 02:43 PM	R35	Road Gravel 1-1/4"	21.42	\$155.30	\$8.54	\$163.84
32906	08/01/2022 02:40 PM	R-16 Vizcainos	Road Gravel 1-1/4"	19.69	\$142.75	\$7.85	\$150.60
32907	08/01/2022 02:42 PM	M-4 MG Express	Road Gravel 1-1/4"	19.38	\$140.51	\$7.73	\$148.23
32910	08/01/2022 02:54 PM	R26 Vizcainos	Road Gravel 1-1/4"	20.90	\$151.53	\$8.33	\$159.86
32914	08/01/2022 03:07 PM	R-14	Road Gravel 1-1/4"	20.62	\$149.50	\$8.22	\$157.72
32916	08/01/2022 03:14 PM	R20	Road Gravel 1-1/4"	20.39	\$147.83	\$8.13	\$155.96
32918	08/01/2022 03:29 PM	DR-1	Road Gravel 1-1/4"	19.81	\$143.62	\$7.90	\$151.52
32920	08/01/2022 03:28 PM	F1 RobEst	Road Gravel 1-1/4"	19.52	\$141.52	\$7.78	\$149.30
32922	08/01/2022 03:45 PM	M-4 MG Express	Road Gravel 1-1/4"	20.16	\$146.16	\$8.04	\$154.20
32923	08/01/2022 03:43 PM	58	Road Gravel 1-1/4"	20.24	\$146.74	\$8.07	\$154.81
32924	08/01/2022 03:46 PM	R-16 Vizcainos	Road Gravel 1-1/4"	20.11	\$145.80	\$8.02	\$153.82
32925	08/01/2022 03:53 PM	51 Wolf	Road Gravel 1-1/4"	20.94	\$151.82	\$8.35	\$160.16
32926	08/01/2022 03:55 PM	R35	Road Gravel 1-1/4"	22.19	\$160.88	\$8.85	\$169.73
32928	08/01/2022 04:04 PM	R26 Vizcainos	Road Gravel 1-1/4"	21.09	\$152.90	\$8.41	\$161.31
32929	08/01/2022 04:17 PM	R-14	Road Gravel 1-1/4"	21.04	\$152.54	\$8.39	\$160.93
32930	08/01/2022 04:27 PM	R20	Road Gravel 1-1/4"	20.79	\$150.73	\$8.29	\$159.02
32931	08/01/2022 04:30 PM	58	Road Gravel 1-1/4"	20.15	\$146.09	\$8.03	\$154.12
32932	08/01/2022 04:34 PM	M-4 MG Express	Road Gravel 1-1/4"	20.22	\$146.60	\$8.06	\$154.66
32933	08/01/2022 04:28 PM	F1 RobEst	Road Gravel 1-1/4"	19.19	\$139.13	\$7.65	\$146.78
32935	08/01/2022 04:45 PM	R-16 Vizcainos	Road Gravel 1-1/4"	18.57	\$134.63	\$7.40	\$142.04
32936	08/01/2022 04:33 PM	DR-1	Road Gravel 1-1/4"	19.76	\$143.26	\$7.88	\$151.14
32937	08/01/2022 04:53 PM	R26 Vizcainos	Road Gravel 1-1/4"	20.73	\$150.29	\$8.27	\$158.56
32938	08/01/2022 05:04 PM	R35	Road Gravel 1-1/4"	21.66	\$157.04	\$8.64	\$165.67
32939	08/01/2022 05:06 PM	R20	Road Gravel 1-1/4"	21.26	\$154.14	\$8.48	\$162.61
32940	08/01/2022 05:07 PM	R-14	Road Gravel 1-1/4"	19.67	\$142.61	\$7.84	\$150.45
32941	08/01/2022 05:16 PM	58	Road Gravel 1-1/4"	20.46	\$148.34	\$8.16	\$156.49

32942	08/01/2022 05:19 PM	F1 RobEst	Road Gravel 1-1/4"	18.45	\$133.76	\$7.36	\$141.12
32943	08/01/2022 05:29 PM	DR-1	Road Gravel 1-1/4"	19.95	\$144.64	\$7.96	\$152.59
32944	08/01/2022 05:32 PM	M-4 MG Express	Road Gravel 1-1/4"	20.03	\$145.22	\$7.99	\$153.20
32945	08/01/2022 05:33 PM	53 Wolf	Road Gravel 1-1/4"	20.39	\$147.83	\$8.13	\$155.96
32964	08/02/2022 08:33 AM	R-16 Vizcainos	Road Gravel 1-1/4"	19.36	\$140.36	\$7.72	\$148.08
32966	08/02/2022 08:44 AM	R35	Road Gravel 1-1/4"	19.63	\$142.32	\$7.83	\$150.14
32970	08/02/2022 08:53 AM	R20	Road Gravel 1-1/4"	20.54	\$148.92	\$8.19	\$157.11
32972	08/02/2022 09:07 AM	DR-1	Road Gravel 1-1/4"	19.89	\$144.20	\$7.93	\$152.13
32978	08/02/2022 09:20 AM	99	Road Gravel 1-1/4"	20.60	\$149.35	\$8.21	\$157.56
32982	08/02/2022 09:49 AM	F1 RobEst	Road Gravel 1-1/4"	20.50	\$148.63	\$8.17	\$156.80
32987	08/02/2022 09:51 AM	R-16 Vizcainos	Road Gravel 1-1/4"	20.00	\$145.00	\$7.98	\$152.98
32996	08/02/2022 10:05 AM	R35	Road Gravel 1-1/4"	21.58	\$156.46	\$8.61	\$165.06
32998	08/02/2022 10:28 AM	R20	Road Gravel 1-1/4"	20.47	\$148.41	\$8.16	\$156.57
33008	08/02/2022 10:39 AM	DR-1	Road Gravel 1-1/4"	20.01	\$145.07	\$7.98	\$153.05
33009	08/02/2022 10:40 AM	M-4 MG Express	Road Gravel 1-1/4"	19.43	\$140.87	\$7.75	\$148.62
33013	08/02/2022 11:01 AM	51 Wolf	Road Gravel 1-1/4"	20.29	\$147.10	\$8.09	\$155.19
33014	08/02/2022 10:55 AM	99	Road Gravel 1-1/4"	20.15	\$146.09	\$8.03	\$154.12
33023	08/02/2022 11:15 AM	F1 RobEst	Road Gravel 1-1/4"	19.02	\$137.90	\$7.58	\$145.48
33024	08/02/2022 12:05 PM	R-16 Vizcainos	Road Gravel 1-1/4"	21.24	\$153.99	\$8.47	\$162.46
33035	08/02/2022 12:13 PM	51 Wolf	Road Gravel 1-1/4"	19.82	\$143.70	\$7.90	\$151.60
33036	08/02/2022 12:17 PM	R35	Road Gravel 1-1/4"	20.49	\$148.55	\$8.17	\$156.72
33037	08/02/2022 12:15 PM	R20	Road Gravel 1-1/4"	20.24	\$146.74	\$8.07	\$154.81
33039	08/02/2022 12:22 PM	99	Road Gravel 1-1/4"	20.15	\$146.09	\$8.03	\$154.12
33044	08/02/2022 12:35 PM	DR-1	Road Gravel 1-1/4"	20.52	\$148.77	\$8.18	\$156.95
33045	08/02/2022 12:48 PM	M-4 MG Express	Road Gravel 1-1/4"	20.03	\$145.22	\$7.99	\$153.20
33046	08/02/2022 01:00 PM	51 Wolf	Road Gravel 1-1/4"	20.06	\$145.44	\$8.00	\$153.43
33047	08/02/2022 01:01 PM	F1 RobEst	Road Gravel 1-1/4"	18.94	\$137.32	\$7.55	\$144.87
33051	08/02/2022 01:19 PM	R-16 Vizcainos	Road Gravel 1-1/4"	19.51	\$141.45	\$7.78	\$149.23
33053	08/02/2022 01:48 PM	51 Wolf	Road Gravel 1-1/4"	20.51	\$148.70	\$8.18	\$156.88
33058	08/02/2022 01:40 PM	R20	Road Gravel 1-1/4"	19.63	\$142.32	\$7.83	\$150.14
33064	08/02/2022 01:51 PM	R35	Road Gravel 1-1/4"	21.00	\$152.25	\$8.37	\$160.62
33067	08/02/2022 02:16 PM	99	Road Gravel 1-1/4"	20.37	\$147.68	\$8.12	\$155.81
33069	08/02/2022 02:11 PM	M-4 MG Express	Road Gravel 1-1/4"	20.44	\$148.19	\$8.15	\$156.34
33074	08/02/2022 02:24 PM	DR-1	Road Gravel 1-1/4"	20.57	\$149.13	\$8.20	\$157.33
33077	08/02/2022 02:47 PM	R-16 Vizcainos	Road Gravel 1-1/4"	20.47	\$148.41	\$8.16	\$156.57
33081	08/02/2022 02:45 PM	F1 RobEst	Road Gravel 1-1/4"	20.05	\$145.36	\$7.99	\$153.36
33088	08/02/2022 03:20 PM	R20	Road Gravel 1-1/4"	20.35	\$147.54	\$8.11	\$155.65
33090	08/02/2022 03:21 PM	R35	Road Gravel 1-1/4"	21.88	\$158.63	\$8.72	\$167.35
33092	08/02/2022 03:38 PM	M-4 MG Express	Road Gravel 1-1/4"	19.98	\$144.86	\$7.97	\$152.82
33095	08/02/2022 03:42 PM	99	Road Gravel 1-1/4"	20.37	\$147.68	\$8.12	\$155.81
33126	08/03/2022 08:38 AM	M-4 MG Express	Road Gravel 1-1/4"	20.28	\$147.03	\$8.09	\$155.12
33127	08/03/2022 08:49 AM	DR-1	Road Gravel 1-1/4"	20.12	\$145.87	\$8.02	\$153.89
33129	08/03/2022 09:18 AM	R-14	Road Gravel 1-1/4"	20.38	\$147.76	\$8.13	\$155.88
33130	08/03/2022 09:21 AM	R20	Road Gravel 1-1/4"	20.13	\$145.94	\$8.03	\$153.97
33140	08/03/2022 11:21 AM	DR-1	Road Gravel 1-1/4"	20.24	\$146.74	\$8.07	\$154.81
33141	08/03/2022 11:22 AM	M-4 MG Express	Road Gravel 1-1/4"	20.34	\$147.47	\$8.11	\$155.58
33147	08/03/2022 12:52 PM	R-14	Road Gravel 1-1/4"	19.82	\$143.70	\$7.90	\$151.60
33148	08/03/2022 01:16 PM	R20	Road Gravel 1-1/4"	20.53	\$148.84	\$8.19	\$157.03
33150	08/03/2022 01:31 PM	M-4 MG Express	Road Gravel 1-1/4"	20.57	\$149.13	\$8.20	\$157.33
33151	08/03/2022 01:39 PM	DR-1	Road Gravel 1-1/4"	20.43	\$148.12	\$8.15	\$156.26
33152	08/03/2022 02:19 PM	R-14	Road Gravel 1-1/4"	20.73	\$150.29	\$8.27	\$158.56

33153	08/03/2022 02:38 PM	R20	Road Gravel 1-1/4"	20.14	\$146.02	\$8.03	\$154.05
33154	08/03/2022 02:53 PM	M-4 MG Express	Road Gravel 1-1/4"	20.08	\$145.58	\$8.01	\$153.59
33155	08/03/2022 03:02 PM	DR-1	Road Gravel 1-1/4"	20.46	\$148.34	\$8.16	\$156.49
33156	08/03/2022 03:22 PM	R-25	Road Gravel 1-1/4"	20.59	\$149.28	\$8.21	\$157.49
33157	08/03/2022 04:06 PM	R20	Road Gravel 1-1/4"	20.46	\$148.34	\$8.16	\$156.49
33159	08/03/2022 04:49 PM	DR-1	Road Gravel 1-1/4"	19.93	\$144.49	\$7.95	\$152.44
33160	08/03/2022 04:56 PM	51 Wolf	Road Gravel 1-1/4"	20.27	\$146.96	\$8.08	\$155.04
33183	08/04/2022 09:12 AM	12989	Road Gravel 1-1/4"	20.30	\$147.18	\$8.09	\$155.27
33184	08/04/2022 09:17 AM	DR-1	Road Gravel 1-1/4"	20.42	\$148.05	\$8.14	\$156.19
33197	08/04/2022 10:05 AM	R20	Road Gravel 1-1/4"	19.21	\$139.27	\$7.66	\$146.93

22.20091

202

2,213.37

\$21,626.90

\$882.58

\$22,509.48

PROJECT 244901 LG 22 Street Improv Phase 1

TICKET	DATE	VEHICLE	PRODUCT	NET TONS	NET \$	TAX	TOTAL \$
21564	08/01/2022 09:15 AM	51 Wolf	Large Dump	0.00	\$60.00	\$0.00	\$60.00
32842	08/01/2022 09:34 AM	51 Wolf	Road Gravel 1-1/4"	21.80	\$158.05	\$8.69	\$166.74
244901 LG 22 Street Improv Phase 1		2		21.80	\$218.05	\$8.69	\$226.74
Wolf Paving		205		2,250.51	\$22,086.55	\$904.56	\$22,991.11
Total		205		2,250.51	\$22,086.55	\$904.56	\$22,991.11

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Date: 08/02/22
Time: 06:30
*** Delivery ***

Ticket #: 16649
Plant: 2

Customer: 23701
Wolf Paving Co., Inc. (Jobs)
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Job: 22-20059
22-20059

22-20091
Lake Geneva

P.O.#:

Carrier: Vizcal
Vizcalinos
Truck: m4
License:

Phase: 1 4500.9

Zone: 1
NO ZONE

Product: AGG:CC1.25
1 1/4" Crushed Concrete
JMF:

(Daily) Loads: 1 Amount: 18.76 TN 17.02 Mg
(To-Date) Loads: 93 Amount: 1951.81 TN 1770.67 Mg

Gross: 32.51 TN 65020 lb 29.49 Mg
Tare: 13.75 TN 27500 lb 12.47 Mg
Net: 18.76 TN 37520 lb 17.02 Mg

Received By: _____
Weighmaster: Ginny McMillan

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Date: 08/02/22

Ticket #: 16651

Time: 06:33

Plant: 2

*** Delivery ***

Customer: 23701

Job: 22, 20091

Wolf Paving Co., Inc. (Jobs)

22.20091

612 N Sawyer Rd

Oconomowoc, WI 53066

262.965.2121

P.O.#:

Carrier: Vizcai

Vizcainos

Phase: 1

Truck: f1

License:

Zone: 1

Product: AGG:DGB1.2

NO ZONE

1 1/4" Dense Graded Base

JMF:

(Daily) Loads: 6 Amount: 104.69 TN 94.97 Mg

(To-Date) Loads: 6 Amount: 104.69 TN 94.97 Mg

Gross: 31.72 TN 63440 lb 28.78 Mg

Tare: 14.08 TN 28160 lb 12.77 Mg

Net: 17.64 TN 35280 lb 16.00 Mg

Received By: _____

Weighmaster: Ginny McMillan

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Date: 08/02/22
Time: 06:32
*** Delivery ***

Ticket #: 16650
Plant: 2

Customer: 23701 Job: 20091
Wolf Paving Co., Inc. (Jobs) 22.20091
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

P.O.#:

Carrier: Vizcai
Vizcainos Phase: 1
Truck: c99
License:

Zone: 1
NO ZONE

Product: AGG:DGB1.2
1 1/4" Dense Graded Base
JMF:

(Daily)	Loads:	5	Amount:	87.05 TN	78.97 Mg
(To-Date)	Loads:	5	Amount:	87.05 TN	78.97 Mg

Gross: 33.81 TN 67620 lb 30.67 Mg
Tare: 18.93*TN 37860*lb 17.17*Mg
Net: 14.88 TN 29760 lb 13.50 Mg
* - Manual Weight

Received By: _____
Weighmaster: Ginny McMillan

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Date: 08/02/22

Ticket #: 16648

Time: 06:28

Plant: 2

*** Delivery ***

Customer: 23701

Job: 20091

Wolf Paving Co., Inc. (Jobs)

22.20091

612 N Sawyer Rd

Oconomowoc, WI 53066

262.965.2121

P.O.#:

Carrier: 1017

Vizcaino's Trucking LLC (VIZC)

Phase: 1

Truck: VIZCR20

License:

Zone: 1

Product: AGG:DGB1.2

NO ZONE

1 1/4" Dense Graded Base

JMF:

(Daily) Loads: 4 Amount: 72.17 TN 65.47 Mg

(To-Date) Loads: 4 Amount: 72.17 TN 65.47 Mg

Gross: 32.73 TN 65460 lb 29.69 Mg

Tare: 14.68 TN 29360 lb 13.32 Mg

Net: 18.05 TN 36100 lb 16.38 Mg

Received By: _____

Weighmaster: Ginny McMillan

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Date: 08/02/22

Ticket #: 16647

Time: 06:27

Plant: 2

*** Delivery ***

Customer: 23701

Job: 20091

Wolf Paving Co., Inc. (Jobs)

22.20091

612 N Sawyer Rd

Oconomowoc, WI 53066

262.965.2121

P.O.#:

Carrier: Vizcal

Vizcainos

Phase: 1

Truck: dr1

License:

Zone: 1

Product: AGG:DGB1.2

NO ZONE

1 1/4" Dense Graded Base

JMF:

(Daily) Loads: 3 Amount: 54.12 TN 49.10 Mg

(To-Date) Loads: 3 Amount: 54.12 TN 49.10 Mg

Gross: 31.89 TN 63780 lb 28.93 Mg

Tare: 14.45 TN 28900 lb 13.11 Mg

Net: 17.44 TN 34880 lb 15.82 Mg

Received By: _____

Weighmaster: Ginny McMillan

Time: 6:24 am

*** Delivery ***

Date: 8/2/22

Plant: 2

Ticket Number: 16646

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd

Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: VIZCR35

License:

Descriptor: VIZC R-35

Carrier ID: 1017

Name: Vizcaino's Trucking LLC (VIZC)

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Page

Product and Load Totals

Page 210

ID: AGG:DGB1.25

JMF #:

Name: 1 1/4" Dense Graded Base

Page 22

Today: 2 / Loads

36.68 TN

Page 23

To Date: 2 / Loads

36.68 TN

Truck Weights * = Manual Weight

Gross

65100 lb

Tare

32440*lb

Net

32660 lb

32.55 TN

16.22*TN

16.33 TN

Date: 8/2/22

Plant: 2

Ticket Number: 16645

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd

Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: VIZCR16 License:

Descript: VIZC R-16

Carrier ID: 1017

Name: Vizcaino's Trucking LLC (VIZC)

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Truck WeightsGross

70800 lb

Tare

30100 lb

Net

40700 lb

Page 211

Product and Load Totals

ID: AGG:DGB1.25 JMF #:

Name: 1 1/4" Dense Graded Base

Today: 1 / Loads

20.35 TN

To Date:

1 / Loads

20.35 TN

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 7:26 am

*** Delivery ***

Date: 8/3/22

Plant: 2

Ticket Number: 16722

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: VIZCR20 License:

Descript: VIZC R-20

Carrier ID: 1017

Name: Vizcaino's Trucking LLC (VIZC)

Driver:

Haul Type: 1 Zone ID: 1

Haul Rate: None Name: NO ZONE

Truck Weights

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
69660 lb	29360 lb	40300 lb
34.83 TN	14.68 TN	20.15 TN

Product and Load Totals

ID: AGG:DGB1.25

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 5 / Loads 104.06 TN

To Date: 11 / Loads 208.75 TN

Weighmaster: Barb Sagan

Received By: _____

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 7:10 am

*** Delivery ***

Date: 8/3/22

Plant: 2

Ticket Number: 16718

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: VIZCR14 License:

Descript: VIZC R-14

Carrier ID: 1017

Name: Vizcaino's Trucking LLC (VIZC)

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Truck Weights * = Manual Weight

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
70440 lb	29100*lb	41340 lb
35.22 TN	14.55*TN	20.67 TN

Product and Load Totals

ID: AGG:DGB1.25

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 4 / Loads 83.91 TN

To Date: 10 / Loads 188.60 TN

Weighmaster: Barb Sagan

Received By:

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 6:21 am

*** Delivery ***

Date: 8/3/22

Plant: 2

Ticket Number: 16717

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: dr1

License:

Descript: dr1

Carrier ID: Vizcai

Name: Vizcainos

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Truck Weights

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
70080 lb	28900 lb	41180 lb
35.04 TN	14.45 TN	20.59 TN

Product and Load Totals

ID: AGG:DGB1.25

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 3 / Loads

63.24 TN

To Date: 9 / Loads

167.93 TN

Weighmaster: Barb Sagan

Received By:

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 6:19 am

*** Delivery ***

Date: 8/3/22

Plant: 2

Ticket Number: 16716

Customer Information

ID: 23701

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: 20091

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: m4

License:

Descript: m4

Carrier ID: Vizcai

Name: Vizcainos

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Truck Weights

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
70700 lb	27500 lb	43200 lb
35.35 TN	13.75 TN	21.60 TN

Product and Load Totals

ID: AGG:DGB1.25

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 2 / Loads 42.65 TN

To Date: 8 / Loads 147.34 TN

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 6:16 am

*** Delivery ***

Date: 8/3/22

Plant: 2

Ticket Number: **16715**

Customer Information

ID: **23701**

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: **20091**

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: **WSR51**

License:

Descript: WSR51

Carrier ID: 14302

Name: WSR Transit Inc. (WSR)

Driver: Driver

Haul Type: 1

Zone ID: 1

Haul Rate: error

Name: NO ZONE

Truck Weights

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
70960 lb	28860 lb	42100 lb
35.48 TN	14.43 TN	21.05 TN

Product and Load Totals

ID: **AGG:DGB1.25**

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 1 / Loads **21.05 TN**

To Date: 7 / Loads **125.74 TN**

Weighmaster: Barb Sagan

Received By:

WOLF PAVING
W329 S1755 Jones Road
Delafield, WI 53018
262 968-4978

Date: 08/04/22

Ticket #: 237537

Time: 06:13

Plant: P1

*** Delivery ***

Customer: 23701

Job: 22.20091

Wolf Paving Co., Inc.

LAKE GENEVA

612 N Sawyer Rd

Oconomowoc, WI 53066

262.965.2121

P.O.#:

Carrier: 14302

WSR Transit Inc. (WSR)

Phase: 4.500

Truck: WSR51

License:

Zone: 1

Product: AGG:DGB3/4

NO ZONE

3/4" Dense Graded Base

JMF:

(Daily) Loads: 1 Amount: 21.50 Tn 19.50 Mg

(To-Date) Loads: 1 Amount: 21.50 Tn 19.50 Mg

Gross: 36.00 TN 72000 lb 32.66 Mg

Tare: 14.50*TN 29000*lb 13.15*Mg

Net: 21.50 TN 43000 lb 19.51 Mg

* - Manual Weight

Received By: _____

Weighmaster: Mike Boldon

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 7:25 am

*** Delivery ***

Date: 8/4/22

Plant: 2

Ticket Number: **16755**

Customer Information

ID: **23701**

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: **20091**

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: **VIZCR20** License:

Descript: VIZC R-20

Carrier ID: 1017

Name: Vizcaino's Trucking LLC (VIZC)

Driver:

Haul Type: 1 Zone ID: 1

Haul Rate: Nonc Name: NO ZONE

Truck Weights

<u>Gross</u>	<u>Tare</u>	<u>Net</u>
69260 lb	29360 lb	39900 lb
34.63 TN	14.68 TN	19.95 TN

Product and Load Totals

ID: **AGG:DGB1.25**

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 2 / Loads 39.35 TN

To Date: 13 / Loads 248.10 TN

Weighmaster: Barb Sagan

Received By: _____

Wolf Paving Co., Inc.
612 N Sawyer Rd
Oconomowoc, WI 53066
262.965.2121

Time: 6:22 am

*** Delivery ***

Date: 8/4/22

Plant: 2

Ticket Number: **16752**

Customer Information

ID: **23701**

Name: Wolf Paving Co., Inc. (Jobs)

Address: 612 N Sawyer Rd
Oconomowoc, WI 53066

Phone: 262.965.2121

Job Information

ID: **20091**

PO#:

Name: 22.20091

Address:

Phone:

Info:

Phase: 1 /

Truck and Carrier Information

Truck ID: **dr1**

License:

Descript: dr1

Carrier ID: Vizcai

Name: Vizcainos

Driver:

Haul Type: 1

Zone ID: 1

Haul Rate: None

Name: NO ZONE

Truck Weights

Gross

Tare

Net

67700 lb

28900 lb

38800 lb

33.85 TN

14.45 TN

19.40 TN

Product and Load Totals

ID: **AGG:DGB1.25**

JMF #:

Name: 1 1/4" Dense Graded Base

Today: 1 / Loads

19.40 TN

To Date: 12 / Loads

228.15 TN

Weighmaster: Barb Sagan

Received By: _____

#12



HV507 SFA

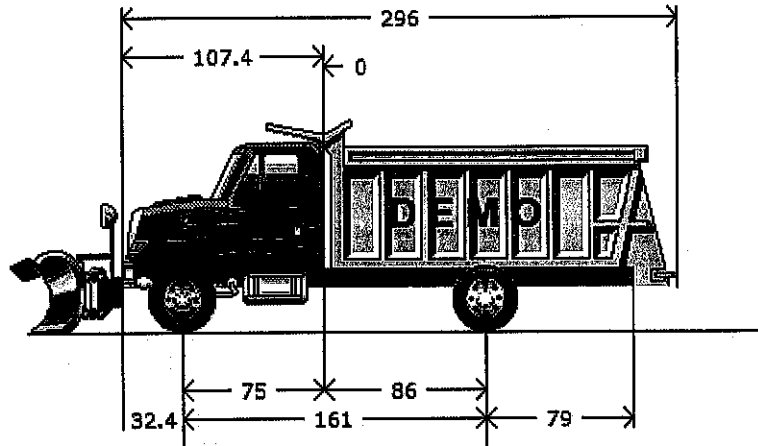
Sales Proposal For:
CITY OF LAKE GENEVA

Presented By:
LAKESIDE INTL, LLC

Prepared For:
CITY OF LAKE GENEVA
Tom Earle
361 Main St
Lake Geneva, WI 53147-
(262)248 - 6644
Reference ID: N/A

Presented By:
LAKESIDE INTL, LLC
Patrick McNamara
11000 W SILVER SPRING RD
MILWAUKEE WI 53225 -
(414)353-4800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2024 HV507 SFA (HV507)

AXLE CONFIG:	4X2
APPLICATION:	Front Plow and Wing with Spreader
MISSION:	Requested GVWR: 43000. Calc. GVWR: 43000. Calc. GCWR: 80000 Calc. Start / Grade Ability: 31.88% / 3.61% @ 55 MPH Calc. Geared Speed: 67.4 MPH
DIMENSION:	Wheelbase: 161.00, CA: 86.00, Axle to Frame: 79.00
ENGINE, DIESEL:	{Cummins L9 360} EPA 2021, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S23-190D} Single Reduction, Hypoid Gearing, 23,000-lb Capacity, Driver Control Locking Differential, R Wheel Ends Gear Ratio: 6.14
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HSC 3 (CONTINENTAL), 481 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, SINGLE:	{Hendrickson PRIMAAX EX} 23,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100WK Location 1: 0311, Omaha Orange (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
HV50700 ?	Base Chassis, Model HV507 SFA with 161.00 Wheelbase, 86.00 CA, and 79.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1ANA	AXLE CONFIGURATION {Navistar} 4x2
	<u>Notes</u> : Pricing may change if axle configuration is changed.
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL
1LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille
1WEV	WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)
2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
<u>3AGA</u>	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers
3WAJ	SPRINGS, FRONT AUXILIARY Air Bag, Right Side Only, Driver Control
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank
4AZJ	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control
4EBD	AIR DRYER {Wabco System Saver 1200} with Heater
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqn Spring Brake
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 Sqn
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4LAG	SLACK ADJUSTERS, FRONT {Gunitite} Automatic
4LGG	SLACK ADJUSTERS, REAR {Gunitite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail
4XDR ✓	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

<u>Code</u>	<u>Description</u>
4XDT ✓	BRAKES, FRONT {Meritor 16.5X6 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity
5710	STEERING COLUMN Tilting and Telescoping
5CBE	STEERING WHEEL 4-Spoke; 18" Dia., Black Leather Wrapped
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
6DGG	DRIVELINE SYSTEM {Dana Spicer} 1710, for 4x2/6x2
7BEU	AFTERTREATMENT COVER Aluminum
7BLW	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
<u>7SCP</u>	ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
7WBA	TAIL PIPE (1) Turnback Type, Bright
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel
7WCM	EXHAUST HEIGHT 8' 10"
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
	: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: STARTER SWITCH Electric, Key Operated
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
	: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
8HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8HAH	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket
8HXT	HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull-Cord
8MSH	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (4) 12-Volt 2640CCA Total, Top Threaded Stud
8RGA	2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
8RPB	RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
8RPR	ANTENNA for Increased Roof Clearance Applications

<u>Code</u>	<u>Description</u>
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8THB	BACK-UP ALARM Electric, 102 dBA
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications
8TNR	BATTERY CABLES with 36" of Extra Length Coiled and Strapped Near Battery Box
8TPR	STOP, TURN, TAIL & B/U LIGHTS {Weldon} Multi-Function LED Lamp, Mounted Outside Rails, Includes LED License Plate Light
8VAY	HORN, ELECTRIC Disc Style
<u>8VUJ</u> <i>Stainless?</i>	BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab
8VZR	SWITCH, BODY CIRCUITS, MID with Remote Power Module Mounted in Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total, Includes 1 Switch Pack with Momentary Switches
8WBW	JUMP START STUD Remote Mounted
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8WTK✓	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
8XHD	BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted
8XHR	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB Port, Located in the Instrument Panel
8XKY	USB PORT (1) Located in the Instrument Panel
8XNY	HEADLIGHTS Halogen
<u>9585</u>	FENDER EXTENSIONS Rubber
9AAB	LOGOS EXTERIOR Model Badges
9AAH	LOGOS EXTERIOR, ENGINE Badge Shipped Loose
9ANG	HOOD, HATCH (01) for Servicing
<u>9HAN</u>	INSULATION, UNDER HOOD for Sound Abatement
9HBM	GRILLE Stationary, Chrome
<u>9HBN</u>	INSULATION, SPLASH PANELS for Sound Abatement
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

<u>Code</u>	<u>Description</u>
	: PAINT SCHEMATIC ID LETTERS "WK"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10BAE	LABEL, DEF "DEF ONLY"
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10WCY	SAFETY TRIANGLES
10WKN	KEYS - ALL ALIKE, ID I-1624 Compatible with Z-250
10XAN	FIRE EXTINGUISHER 5 lb Class A B C
10XAP	FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12851	PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted
<u>12ESP</u>	ENGINE, DIESEL {Cummins L9 360} EPA 2021, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed
	<u>Includes</u> : FAN Nylon
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control
12VJH	EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2023
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use
12VYP	ENGINE CONTROL, REMOTE MOUNTED No Provision for Remote Mounted Engine Control
12WUL	BLOCK HEATER, ENGINE {Phillips} 120V/1000W, with "Y" Cord for Dealer Installed 120V/300W Oil Pan Heater
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12WZE	CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12XCS	CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty
13BCS	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

<u>Code</u>	<u>Description</u>
13WDZ	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, S1 Performance in Primary and Fixed Programming in Secondary
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
13WGK	TRANSMISSION COOLER HOSES Stainless Steel
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab
13XAM ?	PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
14AHG	AXLE, REAR, SINGLE {Dana Spicer S23-190D} Single Reduction, Hypoid Gearing, 23,000-lb Capacity, Driver Control Locking Differential, R Wheel Ends . Gear Ratio: 6.14
14TBZ	SUSPENSION, REAR, AIR, SINGLE {Hendrickson PRIMAAX EX} 23,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers
15924	FUEL TANK STRAPS Bright Finish Stainless Steel
15LNS	FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine
<u>15SGG</u>	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional, Day Cab
16564	HEATER SHUT-OFF VALVES (1) Ball Valve Type, Supply Line
16ATC	AUTOMATIC CLIMATE CONTROL Automatically Maintains Cabin Comfort Based on Selected Temperature
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer
	<u>Includes</u>
	: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for
	: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure
	: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)
16GHU	GRAB HANDLE, CAB INTERIOR (2) Safety Yellow
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JNV	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust

<u>Code</u>	<u>Description</u>
16SEE	GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar
16SJX	MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Bright, Heated, 7.5" Sq.
16SMR	SEAT, PASSENGER {National} Non Suspension, High Back with Integral Headrest, Cloth, with Fixed Back, with Under Seat Storage
16SNV	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Turn Signals, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16VKK	CAB INTERIOR TRIM Diamond, for Day Cab
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Reading Lights; Integral to Overhead Console, Center Mounted : SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side
16VLV	MONITOR, TIRE PRESSURE Omit
16VSL	WINDSHIELD Heated, Single Piece
16WBY	ARM REST, RIGHT, DRIVER SEAT
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WSK	CAB REAR SUSPENSION Air Bag Type
16XJP	INSTRUMENT PANEL Wing Panel
16XWE	SUNSHADE, EXTERIOR Bright Finish, with Integral Clearance/Marker Lights
16ZJA	ACCESS, CAB Aluminum, Self-Cleaning, Open and Serrated Design, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab, Extended Cab or Sleeper Cab
27DUS	WHEELS, FRONT {Accuride 41730} DISC; 22.5x9.00 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
28DWR	WHEELS, REAR {Accuride 43644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135444	(4) TIRE, REAR 11R22.5 Load Range H HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
7792545438	(2) TIRE, FRONT 315/80R22.5 Load Range L HSC 3 (CONTINENTAL), 481 rev/mile, 68 MPH, All-Position

Services Section:

40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A
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**Body/Allied Equipment
Code**

1	Monroe Truck Equipment Quote # 2CHK001915
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**Goods Purchased
Code**Description

Code**Description**

Wing Camera ?

SS Oil Pan

Title + Fees

Special Delivery Prep (Med)

Floor Mats

<u>Description</u>	(US DOLLAR)	<u>Price</u>
Net Sales Price:		\$255,275.00

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

PRICE QUOTED IS CURRENT PRICE OFFERED BY THE MANUFACTURER. BE AWARE FINAL PRICE AT DELIVERY COULD CHANGE DUE ADDITIONAL COSTS BY MANUFACTURER.

PRICE GUARANTEE DOES NOT INCLUDE GOVERNMENT MANDATES AND ASSOCIATED COSTS, SPECIFICATION CHANGES, FREIGHT, VENDOR PRICE INCREASES AND COMPONENT AVAILABILITY OR MODEL DISCONTINUATION, AND MATERIAL SHORTAGE SURCHARGES. THE AVAILABILITY OF THE TIRES QUOTED CANNOT BE GUARANTEED. INTERNATIONAL RESERVES THE RIGHT TO SUBSTITUTE ANY OR ALL OF THE TIRES, WITH TIRES OF COMPARABLE SIZE FROM ANOTHER MANUFACTURER. INTERNATIONAL AND AFFILIATED DEALERS ARE NOT RESPONSIBLE FOR THE EXPENSE OF CHANGING THE TIRES TO ANOTHER BRAND OR TREAD DESIGN.

This proposal (quote) is valid if chassis is produced by 12/31/23 (price does not guarantee cost of freight or surcharges). Chassis built after 12/31/23 will receive new pricing once build date has been determined. The future cost of Freight, surcharges and 2024 emission charges, are unknown currently, your Lakeside representative will communicate these new increases as soon as we are notified.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without
Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.



City of Lake Geneva Public Works

Streets/Parks/Forestry/Cemeteries/Buildings and Grounds

1065 Carey St. Lake Geneva WI. 53147 (262)248-6644 fax (262)248-4913

20 Feb., 2023

From; DPW

To; Public Works Committee

Re; Equipment Replacement Fund, (2) 5-Yard Snow Plows

The City has two 5-Yard snow plows up for replacement, one in 2024 (#27-2004) and one in 2025 (#25-2000) respectively. DPW has had extensive discussions with the manufacturer and many other Municipalities regarding costs and availability of the products. At this time plows are anywhere between 2 ½ and 4 years out after ordering. Most of the issue is caused by shortages of raw materials and shipping.

In 2027 the Federal Government has implemented substantial charges for emissions on medium duty trucks, these costs are projected to be \$20,000-30,000. This along with the projected base cost increase of +- 12% per year make clear the need to place the order(s) soon. The emission charges are based on the build date of the truck. Ie; if a truck is ordered in 2024 but is built in 2027, we pay the charges even though it was ordered in 2024

Currently the City has allocated \$195,000 in 2024 and \$200,000 in 2025 for the trucks. Current market price for each is \$255,275 and elevating almost monthly. (the City paid \$178,092 in 2020) If both trucks are ordered now the base estimate is \$510,550. If we wait on one truck it would potentially be an increase of 12% (\$30,633) plus emission charges of approximately \$20-30,000. (\$566,000 apx) Current pricing also does not guarantee any Government mandated increases or vendor supply issues. Please pay attention to the last page of the Lakeside IH proposal.

It is DPW's recommendation to provide Lakeside IH a letter of Intent to purchase 2 trucks at this time with payment at delivery, unless an unforeseen payment requirement arises such as page 1 of the Monroe quote. (the Monroe quote is included in the Lakeside price) . The City did something similar in 2016 with two 5-yard plows and realized substantial savings

The City also has a 1990 IH garbage truck cab and chassis up in 2023. After extensive review of this vehicle it has become apparent the replacement is not needed at this time. The allocated funds of \$120,000 could be used to offset the price increase (\$171000) of the two plow trucks.

Respectfully, Tom Earle, DPW

#12

DINKMAR
MACHINE THAT SUCK'S LEAVES!

9357 TWP. RD. 48
P.O. BOX 907
GALION, OHIO 44833
419-565-7168 OFFICE

Quote

Date	Quote #
3/23/2022	2022-4385

Name / Address
CITY OF LAKE GENEVA 626 GENEVA ST LAKE GENEVA, WI 53147

Ship To
CITY OF LAKE GENEVA 1065 CAREY ST LAKE GENEVA, WI 53147 USA 262-248-6644

Terms	FOB	Account #	Rep
1% 10 Net 30	GALION, OHIO		DAVE

Item	Description	QTY ORD	BACK ORD	COST	Total
P-2013-10 SC-2...	BASIC DINKMAR 25 YD SELF CONTAINED LEAF VACUUM SYSTEM 99HP JOHN DEERE OR CUMMINS 130HP TIER4 MOTOR FULL CONTROL PANEL, ELECTRIC THROTTLE, ELECTRIC CONTROL KRAFT TRANS FLUID COUPLER 1/4"x 3"x 8" STEEL TUBING FRAME STANDARD 6" CHANNEL CENTER RAIL 3" CHANNEL, 1/4"x 1-1/2" ANGLE, 1/2" EXPANDED METAL TOP, DOWN DRAFT SYSTEM, LIFTING EYE TAIL GATE OVERHEAD BOOM ASSEMBLY WITH 12 VOLT POWER SYSTEM, STEEL HC 2 CRADLE, ADJUSTABLE HEIGHT CHAIN BLOWER HOUSING IS 10GA, 1/8" & 3/16" MATERIAL WELDED COMPLETE WITH 1/4" STEEL LINER BOLTED IN PLACE EXHAUST CHUTE IS BOLTED IN PLACE TO 1/4"X 2" ANGLE FRAME WORK THAT'S WELDED TO THE BLOWER HOUSING. 3/4" RUBBER STRIPS ARE BOLTED TO EXHAUST CHUTE TO SEAL THE BOX AND CHUTE CLOSED 32"x 12.5" FAN ASSEMBLY (22000 CFM) 50 GALLON FUEL & 8 GALLON OIL TANKS 12' BODY/GS-6615 HOIST 12K TANDEM AXLES W/ELECTRIC BRAKES, BUBBLE TAILGATE WITH 3-DOUBLE HINGES REMOVABLE LEAF BOX LED LIGHTING WITH 4" LED STROBES BLASTED AND POWDER COATED PRIMER & POWDER BLACK ON TRAILER FRAME. BLOWER HOUSING ASSEMBLY & LEAF BOX, TAIL GATE & CHUTE ARE SAND BLASTED & POWDER COATED EQUIPMENT YELLOW PAINT STANDARD	1		89,000.00	89,000.00

THANK YOU FOR THE OPPORTUNITY TO QUOTE!

Total

E-MAIL: LEAFMASTER2@YAHOO.COM

QUOTE ARE GOOD FOR 30 DAYS

**DINKMAR
MACHINE THAT SUCK'S LEAVES!**

9357 TWP. RD. 48
P.O. BOX 907
GALION, OHIO 44833
419-565-7168 OFFICE

Quote

Date	Quote #
3/23/2022	2022-4385

Name / Address
CITY OF LAKE GENEVA 626 GENEVA ST LAKE GENEVA, WI 53147

Ship To
CITY OF LAKE GENEVA 1065 CAREY ST LAKE GENEVA, WI 53147 USA 262-248-6644

Terms	FOB	Account #	Rep
1% 10 Net 30	GALION, OHIO		DAVE

Item	Description	QTY ORD	BACK ORD	COST	Total
2022 OPTION	32" FAN ASSEMBLY WITH 1/2" AR400F MATERIAL	6		55.00	330.00
2022 OPTION	3/8" AR 400F LINER INSTALLER AND WILL BE 2 PARTS LINER ASSEMBLY	1		800.00	800.00
2022 OPTION	ADDED BRACES ON LEAF BOX	4		15.00	60.00
FREIGHT	\$3.50 PER MILE TO LAKE GENEVA CITY PUBLIC WORKS			0.00	0.00

THANK YOU FOR THE OPPORTUNITY TO QUOTE!

Total \$90,190.00

E-MAIL: LEAFMASTER2@YAHOO.COM

QUOTE ARE GOOD FOR 30 DAYS



Brown Equipment Company
2501 S Kentucky Ave
Evansville IN 47714
Ph:800-747-2312
www.brownequipment.net

Vehicle Quote

#Q05914
12/8/2022

Bill To

City of Lake Geneva, WI
1065 Carey Street
Lake Geneva WI 53147
United States

Ship To

City of Lake Geneva, WI
1065 Carey Street
Lake Geneva WI 53147
United States

TOTAL

\$96,809.19

Sales Rep: Tom Poole

Expires

1/7/2023

PO #**Quote Information****Shipping Method****Item****Description****Qty****Price****Extended Price**

ARM-ALC-25

AMERICAN ROAD MACHINERY
MODEL: ALC-25
25 cu.yd. Debris Hopper
74 HP Kohler Diesel Engine, Tier 4 Final
Dual Tandem Axles
Safety Oil & Temperature Shutdown Gauges
Tach/Hour Meter
Fixed Auxiliary Radiator Screen
Replaceable Slide-Out Exhaust Screens
Replaceable Fan Housing Liners
25" six bladed fan, balanced and stress relieved
Heavy-Duty Over Center Clutch
Heavy Duty Pick-up Hose
Electric Brakes w/breakaway switch and controller
Landing Jack
Hydraulic Hose Boom
Rear Strobe
Front Mounted Telescopic Dump Hoist
Engine Driven Hydraulics

Options (not included):
-Logan Push-Button Clutch \$6,634.00
-Hydraulic Jack Stand \$2,585.00
-Top Mounted Hood Air Deflector \$5,205.00
Dual Side Hinged Rear Doors ILO Single Rear Door: N/C

1

\$96,809.19

\$96,809.19

Subtotal

\$96,809.19

Tax (0%)

\$0.00

Total

\$96,809.19



Q05914



Brown Equipment Company
2501 S Kentucky Ave
Evansville IN 47714
Ph:800-747-2312
www.brownequipment.net

Vehicle Quote

#Q05914
12/8/2022

Company/Agency:_____

Name(Printed):_____

Title:_____

Signature:_____

Date:_____

FINAL INVOICE AMOUNT MAY BE SUBJECT TO ADDITIONAL MATERIAL AND MANUFACTURING SURCHARGES. THIS ESTIMATE DOES NOT INCLUDE APPLICABLE TAXES. CUSTOMER IS RESPONSIBLE FOR ALL APPLICABLE FEDERAL, STATE AND LOCAL TAXES. WE HEREBY ORDER THE DESCRIBED MATERIAL SUBJECT TO ALL TERMS AND CONDITIONS OF THIS ESTIMATE AND IN THE BROWN EQUIPMENT COMPANY COS VIEWABLE AT WWW.BROWNEQUIPMENT.NET.



Q05914



City of Lake Geneva
1065 Carey St.
Lake Geneva, WI 53147

2020 ODB DCL800TM25 Demo Unit

Standard Includes

DCL800TM 25 cubic yard trailer mount debris collector
Standard curb side pick up
28" suction impeller w/ six 3/8" thick T-1 steel blades
4 groove power band belt driven
40 gallon polyethylene fuel tank
Electronic engine controls w/ safety shut down
13" clutch assembly w/ 2.25" PTO shaft & safety engagement
Hydraulic hose boom powered by 12v electric/hydraulic pump
16x120" rubber suction hose w/ steel nozzle
Gear driven hydraulic pump powers 15.2 ton capacity hoist
Boxed perforated radiator screen
LED type DOT lights
2 amber LED oval flashers
Electric brakes with break-away actuator

Engine Option

John Deere 4045TFC03 DIESEL Engine 74 HP Final Tier 4

Hopper Option

Air Scoop to redirect exhausted air towards rear of unit

Miscellaneous Options

Remote electric throttle for engine
Rotary self-cleaning radiator screen
Remote electric clutch for engine

Net Equipment Total

\$94,550.00

TERMS OF SALE

Please review the agreement and sign below in agreement to the specifications, pricing, and terms of sale. Receipt of this signed agreement and Purchase Order will initiate purchase of the machine.

District Sales Representative
MacQueen Equipment

Date

Authorized Signature
City of Lake Geneva, WI

Date

Free Parking Lots & Handicap

Free Parking Lots

Earn your steps by parking and walking from our free parking lots.

There are 2 **free** downtown parking lots that are available on a first come basis.

- Sage Parking Lot-near-City of Lake Geneva Museum (LOT D on parking map) (year round)
- Dunn Field Parking Lot-Tennis/Frisbee Golf/Dog Park (LOT E on parking map) (summer/weekends)

[Green Parking Map \(JPEG\)](#)

Handicap Parking

Vehicles properly displaying a **valid** handicap placard or handicap license plate:

- Can park **free** at any designated handicap parking stall or metered stall without paying the meter
- May **not** be used or occupy disabled parking areas unless the physically disabled person is present
- Handicap Violation are \$150

For more Handicap Parking information, view the [Use of Disabled Plates document \(PDF\)](#), provided by the Wisconsin Department of Transportation.



IMPORTANT INFORMATION FOR USE OF DISABLED PLATES, DISABLED VETERAN PLATES, OR DISABLED PARKING IDENTIFICATION PERMITS

Wisconsin Department of Transportation (WisDOT)
MV2752 5/2013



Persons who are certified by an authorized health care specialist as having a **permanent** or **temporary** disability that limits or impairs their ability to walk are eligible for a disabled parking identification (DIS ID) permit. Persons who are certified by an authorized health care specialist as having a **permanent** disability that limits or impairs their ability to walk are eligible for disabled license plates (DIS) or disabled veteran license plates (VET). Certification for a permanent DIS ID permit, DIS and VET plates is required every four years. A Temporary DIS ID permit is valid up to six months. If a temporary permit is needed for longer than six months, a person must reapply.

DISABLED PARKING PRIVILEGES

A person who displays a DIS ID permit, DIS plates or VET plates on their vehicle is subject to all Wisconsin motor vehicle laws and qualifies for certain privileges.

- May park in spaces marked by official traffic signs reserving the space for vehicles displaying DIS or VET plates or a DIS ID permit in all 50 states, D.C. and Puerto Rico. Disabled veteran plates with the International Symbol of Access are the only military-related plates that qualify for disabled parking privileges.
- Exempt from any parking ordinance imposing time limits of one-half hour or more and is subject to the laws relating to parking. The city council of a 1st or 2nd class city may enact an ordinance imposing a 3-hour or less limitation on parking of a motor vehicle used by a physically disabled person upon any portion of a street, highway or parking facility reserved by the city for physically disabled persons by official traffic signs indicating the restriction.
- May park at a municipally-owned/leased lot without payment in **metered spaces** when the time limit is one-half hour or more. Payment may be required for privately-owned parking lots or those with an attendant.
- May obtain fuel from a full-service pump at the same price as the fuel from a self-service pump at locations with both types of service, if the driver is the person with the disability. The driver of the vehicle **must ask** for the same price as charged for fuel from a self-service pump. The retailer is not required to provide any other service that is not provided to customers who use a self-service pump.

THINGS YOU SHOULD KNOW

- Persons with a DIS ID permit must keep a copy of the completed application on their person or in the vehicle to provide to a traffic officer for inspection upon request. Make and keep a copy of the application **before** submitting it to WisDOT. Persons with DIS or VET plates are not required to keep a copy of their application, but are recommended to do so.
- When parked in a space reserved for persons with a physical disability, a DIS ID permit must be hung from the interior rearview mirror of a motor vehicle. For exceptions to this rule, please contact the Special Plates Unit.
- Report as soon as possible a lost or stolen DIS ID permit to the address below.
- Operating a motor vehicle when a DIS ID permit is hanging from the rearview mirror is a safety hazard and creates an obstruction to a driver's clear view through the front windshield. Violators may be fined up to \$100.
- Any person who sells or lends a DIS ID permit to someone who is not authorized by law to use it or allows another person to operate their vehicle registered with DIS or VET plates and parks in spaces reserved for disabled persons when the vehicle operator is not authorized to do so, may be fined up to \$300.

IMPORTANT INFORMATION FOR USE OF DISABLED PLATES, DISABLED VETERAN PLATES, OR DISABLED PARKING IDENTIFICATION PERMITS *(continued)*

Wisconsin Department of Transportation (WisDOT) MV2752

THINGS YOU SHOULD KNOW *(continued)*

- Any person who fraudulently reproduces, procures, alters, manufactures, or duplicates a DIS ID permit and/or DIS or VET plates may be fined up to \$500.
- A request for replacement of a DIS ID permit confiscated by law enforcement must include a copy of a paid ticket receipt or court documentation showing the matter has been resolved.
- WisDOT may cancel or order the return of a DIS ID permit and/or DIS or VET plates that were issued as a result of fraud, error or improper use.
- If a person or organization has previously been issued two or more replacement DIS ID permits during the 36 months prior to a new application for replacement cards, the person or organization must attach a completed and notarized MV2967 with their application.

PARKING RESTRICTIONS

The following acts may be illegal:

- Parking in certain specified places including loading zones, an alley located in a business district, within ten feet of a fire hydrant unless a greater distance is indicated by an official traffic sign, within four feet of the entrance to an alley or a private road or driveway, closer than fifteen feet to the near limits of a crosswalk and upon any portion of a highway where parking is prohibited, limited or restricted by official traffic signs.
- Leaving or parking any motor vehicle on public or private property when the owner or lessee of the property has posted a sign indicating for whom parking is permitted, limited, restricted or prohibited.
- Parking contrary to emergency snow removal ordinances, nighttime restrictions requiring a special permit, special events within the state when signs or bags are posted stating that parking is limited, restricted or prohibited or any other reason allowed by statute or local ordinances. Restrictions may vary by municipality and/or city so it is advisable to verify specifics with the enforcement authority where you are parking.
- Leaving or parking any motor vehicle on private property without the consent of the owner or lessee of the property.
- Stopping or leave standing any vehicle on the left side of a highway except physically disabled persons having a Class A or B hunting license or as provided by law.

Local governments and/or municipalities are responsible for enforcement of parking laws. This form MV2752 is for informational purposes only. Please refer to Wisconsin Statutes 346.503 thru 346.56 for *Parking privileges and restrictions for special registration plates or cards*.

ADDITIONAL INFORMATION

Email: special-plates.dmv@dot.wi.gov

Internet: <http://wisconsindot.gov/Pages/dmv/vehicles/dsbld-prkg/default.aspx>

CITY OF LAKE GENEVA TREASURER'S REPORT - BALANCES BY INSTITUTION 1/31/2023		
Institution	Account Name	Balances 1/31/2023
Cash on Hand	Cash Drawer-Change Bank	549.13
	Municipal Court-Petty Cash	60.00
	Police-Petty Cash	150.00
	Police-Cash Drawer	175.00
	Police-Bond Change Fund	500.00
	Launch Ramp Change Fund	-
	Beach Change Fund	-
	Parking-Petty Cash	100.00
	Library-Petty Cash	500.00
	Tax-Petty Cash	300.00
		<u>2,334.13</u>
First National Bank	General Fund Checking	684,870.69
	Donations Checking	55,957.28
	Credit Card Account	18,159.02
	Beach Account - VIPLY App	0.41
	Parking Fund Checking	1,209.82
		<u>760,197.22</u>
Local Government Investment Pool	Investment Pool #1-General	8,431,284.53
	Investment Pool #2-2021 GO Notes-2021A	5.64
	Investment Pool #3-2021 GO Notes-2021B	2,914,647.08
	Investment Pool #4-Tax	611.26
	Investment Pool #5 - Park Impact Fees	121,181.01
	Investment Pool #6 - Library Special Projects	90,192.74
	Investment Pool #7 - Parks	47,683.98
	Investment Pool #8 - Equip Replacement	2,244,574.10
	Investment Pool #9 - Library	5.13
	Investment Pool #10 - ARPA	864,500.15
	Investment Pool #11 - Capital Projects	206,641.59
	Investment Pool #12 - Debt Service	319,605.95
		<u>15,240,933.16</u>
US Bank	Tax Checking	<u>15,404,117.84</u>
Edward Jones	Cemetery Perpetual Care	<u>773,193.20</u>
BMO Harris	Donations Checking-Library	<u>45,028.68</u>
Fidelity Investments	Investments-Swanson Fund	144,862.07
	Investments-Special Projects	130.33
	Investments-Voyager Fund	28,993.52
		<u>173,985.92</u>
	Total Cash and Investments	<u>32,399,790.15</u>

CITY OF LAKE GENEVA TREASURER'S REPORT - BALANCES BY FUND 1/31/2023		
Institution	Account Name	Balances 1/31/2023
General Fund	Cash Drawer-Change Bank	549.13
	General Checking-shared cash	684,870.69
	Donations Checking	55,957.28
	Credit Card Account	18,159.02
	Investment Pool #1 - General	8,431,284.53
	Investment Pool #4 - Tax	611.26
	Investment Pool #7 - Parks	47,683.98
	Municipal Court-Petty Cash	60.00
	Police-Petty Cash	150.00
	Police-Cash Drawer	175.00
	Police-Bond-Change Fund	500.00
		<u>9,240,000.89</u>
Debt Service	LGIP #12-Debt Service	<u>319,605.95</u>
Lakefront	Launch Ramp Change Fund	-
	Beach Account - VIPLY App	0.41
	Beach Change Fund	-
		<u>0.41</u>
Parking	Parking Fund Checking	1,209.82
	Parking-Petty Cash	100.00
		<u>1,309.82</u>
Capital Projects	Investment Pool #11 - Capital Projects	206,641.59
	Investment Pool #2-2021 GO Notes-2021A	5.64
	Investment Pool #3-2021 GO Notes-2021B	2,914,647.08
		<u>3,121,294.31</u>
Impact Fees	Investment Pool #5 - Park Impact Fees	<u>121,181.01</u>
ARPA	Investment Pool #10 - American Rescue Plan	<u>864,500.15</u>
Cemetery Perpetual Care	Cemetery Perpetual Care-Edward Jones	<u>773,193.20</u>
Equip Replacement	Investment Pool #8 - Equipment Replacement	<u>2,244,574.10</u>
Tax Agency Fund	Tax-Petty Cash	300.00
	Tax Agency Fund Tax Checking Account	15,404,117.84
		<u>15,404,417.84</u>
Library Operating	Library-Petty Cash	<u>500.00</u>
Library Investments	Investment Pool #9 - Library	5.13
	Investment Pool #6 - Library Special Projects	90,192.74
	Library Donations	45,028.68
	Investments-Swanson Fund	144,862.07
	Investments-Special Projects	130.33
	Investments-Voyager Fund	28,993.52
		<u>309,212.47</u>
	Total Cash and Investments	<u>32,399,790.15</u>

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
GENERAL FUND						
GENERAL FUND						
GENERAL FUND						
11-00-00-41110	GENERAL PROPERTY TAXES	1,923,735.13	1,923,735.13	5,786,066.00	3,862,330.87	33.25
11-00-00-41120	TID #4 INCREMENT-CLOSING REV	.00	.00	.00	.00	.00
11-00-00-41130	OMITTED & MISC TAX REVENUE	.00	.00	.00	.00	.00
11-00-00-41140	MOBILE HOME PARK FEES	.00	.00	6,000.00	6,000.00	.00
11-00-00-41150	PERSONAL PROPERTY TAXES	.00	.00	.00	.00	.00
11-00-00-41160	USE VALUE CONVERSION TAX	.00	.00	.00	.00	.00
11-00-00-41210	ROOM TAX	.00	.00	355,000.00	355,000.00	.00
11-00-00-41212	ROOM TAX-MARKETPLACE PROVIDE	3,468.52-	3,468.52-	170,000.00	173,468.52	2.04-
11-00-00-41220	SALES TAX DISCOUNT	11.31	27.19	600.00	572.81	4.53
11-00-00-41310	TAXES FROM WATER UTILITY	.00	.00	285,000.00	285,000.00	.00
11-00-00-41800	INT & PENALTY ON TAXES	.00	.00	900.00	900.00	.00
11-00-00-41810	ROOM TAX LATE FEES	.00	.00	1,500.00	1,500.00	.00
11-00-00-41820	ROOM TAX INTEREST	.00	.00	25.00	25.00	.00
11-00-00-42620	SPEC ASSMTS-CURB & GUTTER	.00	.00	.00	.00	.00
11-00-00-42630	SPEC ASSMTS-ROADS	.00	.00	.00	.00	.00
11-00-00-42640	SPEC ASSMTS-SIDEWALKS	1,404.00	1,404.00	.00	1,404.00-	.00
11-00-00-43400	MUNICIPAL RECYCLING GRANT	.00	.00	24,000.00	24,000.00	.00
11-00-00-43410	STATE SHARED REVENUE	.00	.00	108,040.00	108,040.00	.00
11-00-00-43430	EXPENDITURE RESTRAINT PROGRA	.00	.00	.00	.00	.00
11-00-00-43530	STATE AID FOR HIGHWAYS	191,264.93	191,264.93	766,318.00	575,053.07	24.96
11-00-00-43540	OTHER STATE GRANTS	.00	.00	.00	.00	.00
11-00-00-43600	PYMT MUNI SERVICES-CONSERVATN	.00	.00	3,878.00	3,878.00	.00
11-00-00-43610	STATE COMPUTER AID	.00	.00	19,204.00	19,204.00	.00
11-00-00-43612	STATE PERSONAL PROPERTY AID	.00	.00	24,260.00	24,260.00	.00
11-00-00-43615	VIDEO SERVICE PROVIDER AID	.00	.00	26,741.00	26,741.00	.00
11-00-00-43620	AIDS IN LIEU OF TAXES-PILOT	.00	.00	10,941.00	10,941.00	.00
11-00-00-43670	LOTTERY CREDIT	.00	.00	.00	.00	.00
11-00-00-43680	GLLEA ACCOUNTING SERVICES	.00	.00	.00	.00	.00
11-00-00-43690	FEMA DISASTER AID & RELIEF	.00	.00	.00	.00	.00
11-00-00-43695	OTHER FEDERAL AIDS	.00	.00	.00	.00	.00
11-00-00-44100	LIQUOR & MALT BEVERAGE LICENSE	25.00	35.00	50,000.00	49,965.00	.07
11-00-00-44110	OPERATOR LICENSES	925.00	1,300.00	21,000.00	19,700.00	6.19
11-00-00-44120	BUS LIC-CIG,TAXI,AMUSE,BILLARD	105.00	255.00	20,000.00	19,745.00	1.28
11-00-00-44130	PERMITS-SELL,CAFE,ROOM,MASSAG	.00	55.00	7,750.00	7,695.00	.71
11-00-00-44140	PERMITS-SHORT-TERM RENTALS	.00	1,200.00	20,000.00	18,800.00	6.00
11-00-00-44150	CABLE TV FRANCHISE FEES	.00	.00	105,000.00	105,000.00	.00
11-00-00-44200	NONBUS LIC-DOGS/CATS	432.00	462.00	1,750.00	1,288.00	26.40
11-00-00-44250	OTHER LICENSES \$ FEES-WEIGHTS	.00	.00	6,000.00	6,000.00	.00
11-00-00-44900	WORK PERMITS	.00	.00	400.00	400.00	.00
11-00-00-44950	OTHER PERMITS-PARADES,BANNER	.00	.00	100.00	100.00	.00
11-00-00-45100	ANNEXATION FILING FEES	.00	.00	.00	.00	.00
11-00-00-45220	RESTITUTION	.00	.00	.00	.00	.00
11-00-00-46000	CASH DRAWER OVERAGES/UNDERA	.00	.00	.00	.00	.00
11-00-00-46100	GENERAL GOV'T MISC REVENUE	.00	.00	2,000.00	2,000.00	.00
11-00-00-46110	SPECIAL ASSMT LETTERS FEES	924.22	1,329.22	12,000.00	10,670.78	11.08
11-00-00-46741	CHG FOR SVCS-CELEBRATIONS	.00	.00	.00	.00	.00
11-00-00-46900	MISCELLANEOUS SALES	4.80	4.80	.00	4.80-	.00
11-00-00-47300	DONATIONS	.00	.00	.00	.00	.00
11-00-00-47350	GOAT SPONSORSHIP	3,325.00	3,535.00	.00	3,535.00-	.00
11-00-00-47400	DONATIONS-FIRST RESPOND FUND	.00	.00	.00	.00	.00
11-00-00-47800	INTDEPART CHGS FOR SVC TOURISM	.00	.00	.00	.00	.00
11-00-00-47900	INTDEPART CHGS FOR SVC UTILITY	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-00-00-48110	INTEREST INCOME	19,102.52	19,102.52	30,000.00	10,897.48	63.68
11-00-00-48120	A/R FINANCE CHARGES	.00	.00	.00	.00	.00
11-00-00-48130	INTEREST ON SPECIAL ASSESSMENT	.00	.00	.00	.00	.00
11-00-00-48190	DISCOUNTS EARNED	.00	.00	.00	.00	.00
11-00-00-48300	SALE OF CITY EQUIPMENT	.00	.00	.00	.00	.00
11-00-00-48320	SALE OF CITY REAL ESTATE	.00	.00	.00	.00	.00
11-00-00-48350	ROOM RENTAL FEES	1.00	1.00	.00	1.00-	.00
11-00-00-48370	HILLMOOR LEASE	.00	.00	.00	.00	.00
11-00-00-48400	INSURANCE REIMBURSEMENTS	.00	.00	30,000.00	30,000.00	.00
11-00-00-48450	INSURANCE REBATE-LEAGUE	.00	.00	7,500.00	7,500.00	.00
11-00-00-48510	OTHER PARK DONATIONS	.00	.00	.00	.00	.00
11-00-00-49000	PROCEEDS FROM BORROWING	.00	.00	.00	.00	.00
11-00-00-49100	APPL.PRIOR YRS APPROPRIATION	.00	.00	503,500.00	503,500.00	.00
11-00-00-49200	DEBT SERVICE REIMBURSEMENT	.00	.00	.00	.00	.00
11-00-00-49220	TID ADMIN REIMBURSEMENT	.00	.00	.00	.00	.00
11-00-00-49300	TRANSFER FROM LAKEFRONT	.00	.00	644,200.00	644,200.00	.00
11-00-00-49400	TRANSFER FROM UTILITY	.00	.00	.00	.00	.00
11-00-00-49500	TRANSFER FROM PARKING FUND	.00	.00	3,383,120.00	3,383,120.00	.00
11-00-00-49610	TRANSFER FROM LAKEFRONT RES	.00	.00	.00	.00	.00
Total GENERAL FUND:		2,137,791.39	2,140,242.27	12,432,793.00	10,292,550.73	17.21
Total GENERAL FUND:		2,137,791.39	2,140,242.27	12,432,793.00	10,292,550.73	17.21

GENERAL GOVERNMENT**GENERAL GOVERNMENT**

11-10-00-51330	LIFE INSURANCE POLICY FEES	186.83	186.83	2,400.00	2,213.17	7.78
11-10-00-51390	STAFF APPRECIATION	310.31	310.31	3,500.00	3,189.69	8.87
11-10-00-51395	CUSTOMER SERVICE TRAINING	.00	.00	750.00	750.00	.00
11-10-00-51400	CYBER SECURITY TRAINING	.00	.00	1,000.00	1,000.00	.00
11-10-00-51500	OTHER PROFESSIONAL SERVICES	.00	.00	12,500.00	12,500.00	.00
11-10-00-51540	UNEMPLOYMENT COMPENSATION	6,066.53	6,066.53	7,500.00	1,433.47	80.89
11-10-00-52140	LABOR NEGOTIATIONS	.00	.00	.00	.00	.00
11-10-00-52160	OFFICIAL MAP	.00	.00	.00	.00	.00
11-10-00-52450	EXPENSES SUBJECT TO INS CLAIM	.00	.00	15,000.00	15,000.00	.00
11-10-00-53140	OFFICIAL PUBLICATIONS & NOTICE	333.70	333.70	7,500.00	7,166.30	4.45
11-10-00-53150	PUBLICATION FEES REIMBURSABLE	303.19	303.19	2,000.00	1,696.81	15.16
11-10-00-53160	RECORDING FEES	.00	.00	100.00	100.00	.00
11-10-00-53980	BANK CHARGES	136.60	160.10	1,500.00	1,339.90	10.67
11-10-00-53990	GENERAL GOV'T MISC EXPENSES	.00	.00	250.00	250.00	.00
11-10-00-55000	COVID-19 EXPENDITURES	.00	.00	.00	.00	.00
11-10-00-57300	SPECIAL LITIGATIONS	.00	.00	.00	.00	.00
11-10-00-57400	PERSONAL PROPERTY WRITEOFFS	.00	.00	2,500.00	2,500.00	.00
11-10-00-57410	ILLEGAL TAXES & REFUNDS	.00	.00	.00	.00	.00
11-10-00-57420	P.P. WRITE-OFFS REIMBURSED	.00	.00	.00	.00	.00
11-10-00-57430	A/R WRITE-OFFS	.00	.00	.00	.00	.00
11-10-00-57800	CONTINGENCY ACCOUNT	.00	.00	130,000.00	130,000.00	.00
11-10-00-59100	PURCHASE OF REAL ESTATE	.00	.00	.00	.00	.00
11-10-00-59200	TRANSFER TO CEMETERY FUND	.00	.00	.00	.00	.00
11-10-00-59250	TRANSFER TO IMPACT FEES FUND	.00	.00	.00	.00	.00
11-10-00-59300	TRANSFER TO DEBT SERVICE	.00	.00	.00	.00	.00
11-10-00-59350	TRANSFER TO TOURISM	.00	.00	.00	.00	.00
11-10-00-59400	TRANSFER TO CAPITAL FUND	.00	.00	.00	.00	.00
11-10-00-59500	TRANSFER TO LIBRARY FUND	.00	.00	178,115.00	178,115.00	.00
11-10-00-59600	TRANSFER TO EQUIP REPLACEMENT	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
Total GENERAL GOVERNMENT:		7,337.16	7,360.66	364,615.00	357,254.34	2.02
INSURANCE						
11-10-10-55090	INS REIMB-OTHER DEPTS	.00	.00	112,950.00-	112,950.00-	.00
11-10-10-55120	GENERAL LIABILITY INSURANCE	.00	.00	222,379.00	222,379.00	.00
11-10-10-55130	BOILER & MACHINERY INS	.00	.00	1,000.00	1,000.00	.00
11-10-10-55160	WORKERS COMPENSATION	.00	.00	214,742.00	214,742.00	.00
11-10-10-55170	WORKERS COMP WAGES PAID/REIM	.00	.00	.00	.00	.00
Total INSURANCE:		.00	.00	325,171.00	325,171.00	.00
HEALTH INSURANCE						
11-10-20-51110	HEALTH & DENTAL REIMBURSABLE	6,136.46-	7,309.31-	50,945.00-	43,635.69-	14.35
11-10-20-51120	HEALTH REIMBURSE-EMPLOYEE	.00	.00	.00	.00	.00
11-10-20-51320	HEALTH AND DENTAL ADMIN CHGS	544.85	544.85	40,000.00	39,455.15	1.36
11-10-20-51330	HEALTH AND DENTAL CLAIMS	.00	.00	.00	.00	.00
11-10-20-51335	DIFFERENCE CARD CLAIMS	15,452.40	15,452.40	165,000.00	149,547.60	9.37
11-10-20-51337	RETIREE HEALTH INS PREMIUMS	10,685.48	10,685.48	145,000.00	134,314.52	7.37
11-10-20-51340	DISABILITY PREMIUMS CITY	.00	.00	.00	.00	.00
11-10-20-51350	EAP PROGRAM	937.50	937.50	3,800.00	2,862.50	24.67
11-10-20-51520	OPT OUT SOCIAL SECURITY EXP	.00	.00	.00	.00	.00
Total HEALTH INSURANCE:		21,483.77	20,310.92	302,855.00	282,544.08	6.71
Total GENERAL GOVERNMENT:		28,820.93	27,671.58	992,641.00	964,969.42	2.79
COMMON COUNCIL						
COMMON COUNCIL						
11-11-00-51140	COUNCIL SALARIES	4,800.00	4,800.00	40,000.00	35,200.00	12.00
11-11-00-51200	PART TIME WAGES	.00	.00	.00	.00	.00
11-11-00-51520	COUNCIL SOCIAL SECURITY	367.20	367.20	3,186.00	2,818.80	11.53
11-11-00-52140	VIDEOTAPING EXPENSES	.00	.00	5,000.00	5,000.00	.00
11-11-00-53100	COMPUTER & OFFICE SUPPLIES	.00	.00	.00	.00	.00
11-11-00-53200	COUNCIL WIS LEAGUE MEMBERSHIP	.00	.00	5,419.00	5,419.00	.00
11-11-00-53310	COUNCIL MEALS & LODGING	.00	.00	500.00	500.00	.00
11-11-00-53320	COUNCIL CONFERENCES & SCHOOL	.00	.00	600.00	600.00	.00
11-11-00-53990	COUNCIL MISCELLANEOUS EXPENSE	.00	.00	2,000.00	2,000.00	.00
Total COMMON COUNCIL:		5,167.20	5,167.20	56,705.00	51,537.80	9.11
Total COMMON COUNCIL:		5,167.20	5,167.20	56,705.00	51,537.80	9.11
MUNICIPAL COURT						
MUNICIPAL COURT						
11-12-00-45100	COURT PENALTIES & FINES	10,673.90	10,066.70	135,000.00	124,933.30	7.46
11-12-00-45120	CIRCUIT COURT FORFEITURES	.00	.00	.00	.00	.00
11-12-00-45130	PARKING CITATION COLLECTIONS	1,950.00	1,950.00	15,000.00	13,050.00	13.00
11-12-00-45140	COURT CITATION COLLECTN-STARK	.00	.00	100.00	100.00	.00
11-12-00-46400	REIMBURSEMENTS BY DEFENDANTS	20.00	20.00	500.00	480.00	4.00
11-12-00-48110	MUNICIPAL CT INTEREST INCOME	.00	.00	.00	.00	.00
Total MUNICIPAL COURT:		12,643.90	12,036.70	150,600.00	138,563.30	7.99
MUNICIPAL COURT						
11-12-00-51140	MUNICIPAL COURT SALARIES	1,824.12	1,824.12	24,305.00	22,480.88	7.51

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-12-00-51200	MUNICIPAL COURT WAGES-CLERK	7,340.93	7,340.93	55,000.00	47,659.07	13.35
11-12-00-51250	MUNICIPAL CT OVERTIME	.00	.00	.00	.00	.00
11-12-00-51330	INSURANCE DEDUCTIBLE REIMB	.00	.00	.00	.00	.00
11-12-00-51340	MUNICIPAL CT LIFE INSURANCE	22.18	22.18	300.00	277.82	7.39
11-12-00-51345	MUNICIPAL CT HEALTH INSURANCE	1,958.47	1,958.47	23,625.00	21,666.53	8.29
11-12-00-51350	MUNICIPAL CT DENTAL INSURANCE	110.00	110.00	1,320.00	1,210.00	8.33
11-12-00-51355	MUNICIPAL CT VISION INSURANCE	5.72	5.72	70.00	64.28	8.17
11-12-00-51360	MUNICIPAL CT RETIREMENT FUND	499.19	499.19	5,393.00	4,893.81	9.26
11-12-00-51370	MUNICIPAL CT DISABILITY INS	13.25	13.25	175.00	161.75	7.57
11-12-00-51520	MUNICIPAL CT SOCIAL SECURITY	670.17	670.17	6,067.00	5,396.83	11.05
11-12-00-52140	COLLECTION FEES	.00	.00	100.00	100.00	.00
11-12-00-52210	MUNICIPAL CT TELEPHONE	94.17	94.17	1,155.00	1,060.83	8.15
11-12-00-52900	CARE OF PRISONERS	.00	.00	500.00	500.00	.00
11-12-00-53100	MUNICIPAL CT OFFICE SUPPLIES	.00	.00	1,575.00	1,575.00	.00
11-12-00-53120	POSTAGE-MUNICIPAL COURT	.00	.00	1,500.00	1,500.00	.00
11-12-00-53300	MUNICIPAL CT TRAVEL-MILEAGE	.00	.00	1,133.00	1,133.00	.00
11-12-00-53310	MUN CT-MEALS & LODGING	.00	.00	1,470.00	1,470.00	.00
11-12-00-53320	MUN CT CONFERENCES & SCHOOL	.00	.00	1,979.00	1,979.00	.00
11-12-00-53400	OPERATING SUPPLIES-CITATIONS	.00	.00	.00	.00	.00
11-12-00-53610	EQUIPMENT MAINT SERVICE COSTS	32.00	32.00	6,500.00	6,468.00	.49
11-12-00-53810	MUNICIPAL COURT OPERATIONS	6,034.00	6,034.00	2,825.00	3,209.00	213.59
11-12-00-53990	MUNICIPAL CT MISCELLANEOUS EXP	.00	.00	1,763.00	1,763.00	.00
Total MUNICIPAL COURT:		18,604.20	18,604.20	136,755.00	118,150.80	13.60
Total MUNICIPAL COURT:		31,248.10	30,640.90	287,355.00	256,714.10	10.66

CITY ATTORNEY**CITY ATTORNEY**

11-13-00-51130	CITY ATTORNEY SALARY	9,501.57	9,501.57	89,065.00	79,563.43	10.67
11-13-00-51150	LABOR NEGOTIATIONS	.00	.00	.00	.00	.00
11-13-00-51340	CITY ATTORNEY LIFE INSURANCE	45.38	45.38	500.00	454.62	9.08
11-13-00-51345	CITY ATTORNEY HEALTH INSURANCE	.00	.00	.00	.00	.00
11-13-00-51355	CITY ATTORNEY VISION INSURANCE	.00	.00	.00	.00	.00
11-13-00-51360	CITY ATTORNEY RETIREMENT FUND	646.11	646.11	6,056.00	5,409.89	10.67
11-13-00-51520	CITY ATTORNEY SOCIAL SECURITY	726.84	726.84	6,813.00	6,086.16	10.67
11-13-00-52130	CITY ATTORNEY SERVICES	.00	.00	.00	.00	.00
11-13-00-53100	CITY ATTORNEY OFFICE SUPPLIES	.00	.00	.00	.00	.00
11-13-00-53300	CITY ATTORNEY TRAVEL-MILEAGE	.00	.00	.00	.00	.00
11-13-00-53310	CITY ATTORNEY MEALS & LODGING	.00	.00	450.00	450.00	.00
11-13-00-53320	CITY ATTORNEY SCHOOL/CONFER	.00	.00	450.00	450.00	.00
11-13-00-53990	CITY ATTORNEY MISC EXPENSES	.00	.00	300.00	300.00	.00
Total CITY ATTORNEY:		10,919.90	10,919.90	103,634.00	92,714.10	10.54

OUTSIDE ATTORNEYS EXPENDITURES

11-13-10-52140	OUTSIDE ATTORNEYS FEES	.00	.00	28,500.00	28,500.00	.00
Total OUTSIDE ATTORNEYS EXPENDITURES:		.00	.00	28,500.00	28,500.00	.00
Total CITY ATTORNEY:		10,919.90	10,919.90	132,134.00	121,214.10	8.26

GENERAL ADMINISTRATION**MAYOR**

11-14-10-51140	MAYOR SALARY	900.00	900.00	7,989.00	7,089.00	11.27
11-14-10-51520	MAYOR SOCIAL SECURITY	45.90	68.85	611.00	542.15	11.27

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-14-10-53100	MAYOR OFFICE SUPPLIES	.00	.00	300.00	300.00	.00
11-14-10-53310	MAYOR MEALS, LODGING, ETC	.00	.00	500.00	500.00	.00
11-14-10-53990	MAYOR MISC EXPENSE	.00	.00	1,000.00	1,000.00	.00
Total MAYOR:		945.90	968.85	10,400.00	9,431.15	9.32
CITY ADMINISTRATOR						
11-14-20-51100	CITY ADMINISTRATOR SALARY	14,990.40	14,990.40	128,206.00	113,215.60	11.69
11-14-20-51330	REIMB OF INSURANCE DEDUCTIBLE	.00	.00	.00	.00	.00
11-14-20-51340	CITY ADMIN LIFE INSURANCE	61.38	61.38	641.00	579.62	9.58
11-14-20-51345	CITY ADMIN HEALTH INSURANCE	1,015.52	1,015.52	12,300.00	11,284.48	8.26
11-14-20-51350	CITY ADMIN DENTAL INSURANCE	35.00	35.00	420.00	385.00	8.33
11-14-20-51355	CITY ADMIN VISION INSURANCE	.00	.00	.00	.00	.00
11-14-20-51360	CITY ADMIN RETIREMENT	1,019.34	1,019.34	8,718.00	7,698.66	11.69
11-14-20-51370	CITY ADMIN DISABILITY INS	34.20	34.20	415.00	380.80	8.24
11-14-20-51520	CITY ADMIN SOCIAL SECURITY	1,137.33	1,137.33	9,808.00	8,670.67	11.60
11-14-20-53100	CITY ADMIN OFFICE SUPPLIES	.00	.00	200.00	200.00	.00
11-14-20-53240	DUES, BOOKS, PUBLICATIONS	197.00	197.00	1,250.00	1,053.00	15.76
11-14-20-53300	CITY ADMIN TRAVEL-MILEAGE	.00	.00	300.00	300.00	.00
11-14-20-53310	CITY ADMIN MEALS/LODGING	.00	.00	400.00	400.00	.00
11-14-20-53320	CITY ADMIN CONFR/SCHOOLS	.00	.00	1,000.00	1,000.00	.00
11-14-20-53990	CITY ADMIN MISC EXPENSE	12,843.35	12,843.35	13,100.00	256.65	98.04
Total CITY ADMINISTRATOR:		31,333.52	31,333.52	176,758.00	145,424.48	17.73
CITY CLERK						
11-14-30-43520	GRANTS & REIMB-ELECTION	.00	.00	.00	.00	.00
Total CITY CLERK:		.00	.00	.00	.00	.00
CITY CLERK						
11-14-30-51100	CITY CLERK SALARY	11,001.60	11,001.60	95,959.00	84,957.40	11.46
11-14-30-51110	ASSISTANT CLERK WAGES	6,718.57	6,718.57	61,048.00	54,329.43	11.01
11-14-30-51200	CITY CLERK STAFF WAGES	.00	.00	27,231.00	27,231.00	.00
11-14-30-51260	CITY CLERK SEASONAL WAGES	.00	.00	.00	.00	.00
11-14-30-51330	INS DEDUCTIBLE REIMBURSE	.00	.00	.00	.00	.00
11-14-30-51340	CITY CLERK LIFE INSURANCE	10.83	10.83	185.00	174.17	5.85
11-14-30-51345	CITY CLERK HEALTH INSURANCE	3,651.87	3,651.87	41,000.00	37,348.13	8.91
11-14-30-51350	CITY CLERK DENTAL INSURANCE	145.00	145.00	2,000.00	1,855.00	7.25
11-14-30-51355	CITY CLERK VISION INSURANCE	11.54	11.54	140.00	128.46	8.24
11-14-30-51360	CITY CLERK RETIREMENT FUND	1,204.98	1,204.98	12,500.00	11,295.02	9.64
11-14-30-51370	CITY CLERK DISABILITY INS	38.14	38.14	500.00	461.86	7.63
11-14-30-51520	CITY CLERK SOCIAL SECURITY	1,319.24	1,319.24	14,094.00	12,774.76	9.36
11-14-30-51900	POLL WORKERS FEES	.00	.00	8,000.00	8,000.00	.00
11-14-30-52180	MUNICIPAL CODIFICATION	.00	.00	5,000.00	5,000.00	.00
11-14-30-53100	CITY CLERK OFFICE SUPPLIES	31.79	31.79	2,500.00	2,468.21	1.27
11-14-30-53110	BALLOTS/OTHER ELECTION EXPENS	.00	15.23	7,000.00	6,984.77	.22
11-14-30-53120	POSTAGE-CITY CLERK	.00	.00	9,000.00	9,000.00	.00
11-14-30-53140	RECALL ELECTION EXPENDITURES	.00	.00	.00	.00	.00
11-14-30-53300	CITY CLERK TRAVEL-MILEAGE	.00	.00	1,000.00	1,000.00	.00
11-14-30-53310	CITY CLERK MEALS, LODGING	.00	.00	1,000.00	1,000.00	.00
11-14-30-53320	CITY CLERK CONFERENCES & DUES	.00	.00	1,500.00	1,500.00	.00
11-14-30-53820	LICENSE/SUPPORT EXPENSE	.00	.00	10,000.00	10,000.00	.00
11-14-30-53990	CITY CLERK MISCELLANEOUS EXP	63.99	63.99	600.00	536.01	10.67
11-14-30-57350	GRANT PURCHASES	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
Total CITY CLERK:		24,197.55	24,212.78	300,257.00	276,044.22	8.06
Total GENERAL ADMINISTRATION:		56,476.97	56,515.15	487,415.00	430,899.85	11.59
ACCOUNTING						
ACCOUNTING						
11-15-10-51100	ACCOUNTING SALARY	9,445.77	9,445.77	85,000.00	75,554.23	11.11
11-15-10-51200	ACCOUNTING WAGES	20,855.86	20,855.86	158,075.00	137,219.14	13.19
11-15-10-51260	ACCTG PART TIME WAGES	719.04	719.04	6,000.00	5,280.96	11.98
11-15-10-51330	ACCTG INS DEDUCTIBLE REIMB	.00	.00	.00	.00	.00
11-15-10-51340	ACCTG LIFE INSURANCE	21.36	21.36	975.00	953.64	2.19
11-15-10-51345	ACCTG HEALTH INSURANCE	5,177.37	5,177.37	75,000.00	69,822.63	6.90
11-15-10-51350	ACCTG DENTAL INSURANCE	240.50	240.50	5,200.00	4,959.50	4.63
11-15-10-51355	ACCTG VISION INSURANCE	12.96	12.96	250.00	237.04	5.18
11-15-10-51360	ACCTG RETIREMENT EXP	2,060.52	2,060.52	16,592.00	14,531.48	12.42
11-15-10-51370	ACCTG DISABILITY INS	43.84	43.84	1,025.00	981.16	4.28
11-15-10-51520	ACCTG SOCIAL SECURITY	2,303.19	2,303.19	18,666.00	16,362.81	12.34
11-15-10-52120	ACCTG CONSULTANT FEES	1,200.00	1,200.00	5,000.00	3,800.00	24.00
11-15-10-52130	INDEPENDENT AUDIT FEES	.00	.00	30,000.00	30,000.00	.00
11-15-10-53100	ACCTG OFFICE SUPPLIES	32.15	126.81	9,000.00	8,873.19	1.41
11-15-10-53200	ACCTG PROFESSIONAL DUES	.00	.00	2,175.00	2,175.00	.00
11-15-10-53320	ACCTG CONFERENCES/TRAINING	.00	.00	3,200.00	3,200.00	.00
11-15-10-53990	ACCTG MISC EXPENSE	.00	44.75	1,500.00	1,455.25	2.98
11-15-10-54150	TUITION & BOOKS REIMB	.00	.00	.00	.00	.00
11-15-10-54500	COMPUTER IT SVC & EQUIPMENT	23,815.85	23,815.85	105,000.00	81,184.15	22.68
Total ACCOUNTING:		65,928.41	66,067.82	522,658.00	456,590.18	12.64
ASSESSOR						
11-15-40-51200	ASSESSOR WAGES & SALARIES	.00	.00	.00	.00	.00
11-15-40-51260	ASSESSOR SEASONAL WAGES	.00	.00	.00	.00	.00
11-15-40-51330	INSURANCE DEDUCTIBLE REIMB	.00	.00	.00	.00	.00
11-15-40-51340	ASSESSOR LIFE INSURANCE	.00	.00	.00	.00	.00
11-15-40-51345	ASSESSOR HEALTH INSURANCE	.00	.00	.00	.00	.00
11-15-40-51355	ASSESSOR VISION INSURANCE	.00	.00	.00	.00	.00
11-15-40-51360	ASSESSOR RETIREMENT FUND	.00	.00	.00	.00	.00
11-15-40-51520	ASSESSOR SOCIAL SECURITY	.00	.00	.00	.00	.00
11-15-40-52100	ASSESSOR CONTRACTED SERVICES	33,506.92	33,506.92	201,400.00	167,893.08	16.64
11-15-40-52110	ASSESSOR CONTRACT-COMMERCIA	.00	.00	.00	.00	.00
11-15-40-52130	MANUFACTURING ASSESSMENT	.00	.00	2,300.00	2,300.00	.00
11-15-40-52140	OUTSIDE ATTORNEYS FEES	.00	.00	.00	.00	.00
11-15-40-53100	ASSESSOR OFFICE SUPPLIES	.00	.00	.00	.00	.00
11-15-40-53120	ASSESSOR POSTAGE	.00	.00	.00	.00	.00
11-15-40-53200	ASSESSOR PROFESSIONAL DUES	.00	.00	.00	.00	.00
11-15-40-53300	ASSESSOR TRAVEL-MILEAGE	.00	.00	.00	.00	.00
11-15-40-53310	ASSESSOR MEALS & LODGING	.00	.00	.00	.00	.00
11-15-40-53320	ASSESSOR CONFERENCES & SCHO	.00	.00	.00	.00	.00
11-15-40-53980	BOARD OF REVIEW MISC EXPENSES	.00	.00	300.00	300.00	.00
11-15-40-53990	ASSESSOR MISCELLANEOUS EXPEN	.00	.00	.00	.00	.00
11-15-40-54100	ASSESSOR CERTIFICATIONS	.00	.00	.00	.00	.00
11-15-40-54500	ASSESSOR PROGRAMMING	.00	.00	.00	.00	.00
Total ASSESSOR:		33,506.92	33,506.92	204,000.00	170,493.08	16.42

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
Total ACCOUNTING:		99,435.33	99,574.74	726,658.00	627,083.26	13.70
CITY HALL BUILDING						
CITY HALL BUILDING						
11-16-10-51200	CITY HALL MAINT WAGES	8,043.98	8,043.98	54,183.00	46,139.02	14.85
11-16-10-51250	CITY HALL MAINT OVERTIME	.00	.00	1,200.00	1,200.00	.00
11-16-10-51340	CITY HALL MAINT LIFE INS	26.18	26.18	375.00	348.82	6.98
11-16-10-51345	CITY HALL MAINT HEALTH INSUR	1,583.67	1,583.67	23,625.00	22,041.33	6.70
11-16-10-51350	CITY HALL MAINT DENTAL INSUR	88.95	88.95	1,320.00	1,231.05	6.74
11-16-10-51355	CITY HALL MAINT VISION INS	4.63	4.63	70.00	65.37	6.61
11-16-10-51360	CITY HALL MAINT RETIREMENT	546.99	546.99	3,684.00	3,137.01	14.85
11-16-10-51370	CITY HALL MAINT DISABILITY INS	16.12	16.12	195.00	178.88	8.27
11-16-10-51520	CITY HALL MAINT SOCIAL SEC	595.87	595.87	4,237.00	3,641.13	14.06
11-16-10-52210	CITY HALL TELEPHONE	1,220.62	1,353.82	15,000.00	13,646.18	9.03
11-16-10-52220	CITY HALL ELECTRICITY	.00	.00	48,000.00	48,000.00	.00
11-16-10-52240	CITY HALL GAS HEAT	2,673.07	2,673.07	16,500.00	13,826.93	16.20
11-16-10-52260	CITY HALL WATER & SEWER EXP	.00	.00	2,800.00	2,800.00	.00
11-16-10-52400	CITY HALL BUILDING REPAIRS	.00	.00	30,950.00	30,950.00	.00
11-16-10-53100	CITY HALL OFFICE SUPPLIES	335.23	377.50	3,900.00	3,522.50	9.68
11-16-10-53500	CITY HALL BLDG MAINT SUPPLIES	133.65	734.54	5,500.00	4,765.46	13.36
11-16-10-53600	CITY HALL MAINT SERVICE COSTS	257.41	386.86	17,000.00	16,613.14	2.28
11-16-10-53990	CITY HALL MISC EXP	.00	.00	.00	.00	.00
11-16-10-55310	CH OFFICE EQUIPMENT CONTRACTS	514.55	514.55	4,000.00	3,485.45	12.86
11-16-10-55320	CH POSTAGE METER RENT & EXP	.00	.00	4,000.00	4,000.00	.00
Total CITY HALL BUILDING:		16,040.92	16,946.73	236,539.00	219,592.27	7.16
Total CITY HALL BUILDING:		16,040.92	16,946.73	236,539.00	219,592.27	7.16
POLICE DEPARTMENT						
POLICE DEPARTMENT						
11-21-00-43520	LAW ENFORCEMENT TRAINING AIDS	.00	.00	4,640.00	4,640.00	.00
11-21-00-43530	FEDERAL GRANTS & REIMBURSEME	.00	.00	52,000.00	52,000.00	.00
11-21-00-43540	STATE GRANTS & REIMBURSEMENTS	.00	.00	26,353.00	26,353.00	.00
11-21-00-46200	SEIZURES	98.25	98.25	3,500.00	3,401.75	2.81
11-21-00-46210	MISCELLANEOUS REVENUE	63.00	63.00	1,500.00	1,437.00	4.20
11-21-00-46220	WAGE REIMBURSEMENTS	349.57	349.57	73,293.00	72,943.43	.48
11-21-00-46222	TRAINING REIMBURSEMENTS	.00	.00	.00	.00	.00
11-21-00-46230	MISC TAXABLE REVENUES	.00	.00	250.00	250.00	.00
11-21-00-46240	FINGERPRINTING	170.64	170.64	1,000.00	829.36	17.06
11-21-00-46250	VEHICLE LOCKOUT FEE	379.20	379.20	5,200.00	4,820.80	7.29
11-21-00-46260	BLOOD DRAW REIMBURSEMENT	210.00	210.00	2,200.00	1,990.00	9.55
11-21-00-47300	DONATIONS	452.00	452.00	1,500.00	1,048.00	30.13
11-21-00-47350	COMMUNICATIONS REIMB-FIRE DEPT	.00	.00	51,200.00	51,200.00	.00
11-21-00-47370	SOFTVEST DONATIONS/GRANTS	.00	.00	7,050.00	7,050.00	.00
11-21-00-48190	DISCOUNTS EARNED-PD	.00	.00	.00	.00	.00
11-21-00-48300	SALE OF POLICE EQUIPMENT	.00	.00	16,000.00	16,000.00	.00
11-21-00-48310	SALE OF 1033 PROPERTY	.00	.00	.00	.00	.00
Total POLICE DEPARTMENT:		1,722.66	1,722.66	245,686.00	243,963.34	.70
POLICE DEPARTMENT						
11-21-00-51100	POLICE FT SALARIES	313,029.46	313,029.46	2,805,295.00	2,492,265.54	11.16
11-21-00-51200	POLICE PT WAGES	7,445.71	7,445.71	116,000.00	108,554.29	6.42
11-21-00-51250	POLICE OVERTIME WAGES	3,418.25	3,418.25	37,000.00	33,581.75	9.24
11-21-00-51270	PD COMPENSATION PER CONTRACT	10,820.28	10,820.28	146,833.00	136,012.72	7.37

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-21-00-51340	PD LIFE INSURANCE	270.30	270.30	3,855.00	3,584.70	7.01
11-21-00-51345	PD HEALTH INSURANCE	59,711.39	59,711.39	882,280.00	822,568.61	6.77
11-21-00-51347	PD HEALTH INS OPT OUT	2,925.00	2,925.00	31,200.00	28,275.00	9.38
11-21-00-51350	PD DENTAL INSURANCE	2,578.86	2,578.86	31,920.00	29,341.14	8.08
11-21-00-51355	PD VISION INSURANCE	126.16	126.16	1,591.00	1,464.84	7.93
11-21-00-51360	PD RETIREMENT FUND	39,434.79	39,434.79	355,860.00	316,425.21	11.08
11-21-00-51370	PD DISABILITY INS	687.90	687.90	9,150.00	8,462.10	7.52
11-21-00-51380	PD UNIFORM ALLOWANCE	1,603.47	2,946.58	41,025.00	38,078.42	7.18
11-21-00-51390	PART TIME UNIFORM EXPENSE	.00	.00	5,900.00	5,900.00	.00
11-21-00-51400	PD INTERPRETERS FEES	.00	.00	1,000.00	1,000.00	.00
11-21-00-51410	PD OUTSIDE OFFICERS	.00	.00	.00	.00	.00
11-21-00-51520	PD SOCIAL SECURITY	25,486.85	25,486.85	239,930.00	214,443.15	10.62
11-21-00-51522	PD OPT OUT SOCIAL SECURITY	.00	.00	.00	.00	.00
11-21-00-51900	PFC COMMISSION EXPENSES	.00	.00	600.00	600.00	.00
11-21-00-52140	OUTSIDE LEGAL EXPENSES	.00	.00	1,200.00	1,200.00	.00
11-21-00-52210	PD TELEPHONE EXPENSE	1,464.80	1,892.77	35,312.00	33,419.23	5.36
11-21-00-52220	POLICE IMPOUND BLDG ELECTRIC	88.11	88.11	1,400.00	1,311.89	6.29
11-21-00-52450	EQUIPMENT REPAIRS-INS CLAIMS	.00	.00	2,000.00	2,000.00	.00
11-21-00-52620	PD COMMUNICATION SYS MAINT FEE	.00	2,401.00	52,100.00	49,699.00	4.61
11-21-00-52900	CARE OF PRISONERS	.00	.00	1,000.00	1,000.00	.00
11-21-00-52910	CARE OF STRAY ANIMALS	.00	.00	400.00	400.00	.00
11-21-00-53050	DATA PROCESSING	4,943.42	4,943.42	40,000.00	35,056.58	12.36
11-21-00-53100	PD OFFICE SUPPLIES	150.84	150.84	7,500.00	7,349.16	2.01
11-21-00-53120	PD POSTAGE	178.40	178.40	2,000.00	1,821.60	8.92
11-21-00-53160	CRIME PREVENTION PROGRAM	.00	.00	6,000.00	6,000.00	.00
11-21-00-53300	PD MILEAGE/TRAVEL	.00	.00	3,500.00	3,500.00	.00
11-21-00-53310	PD MEALS & LODGING	1,041.76	1,110.81	7,800.00	6,689.19	14.24
11-21-00-53410	PD FUEL EXPENSE	.00	.00	67,500.00	67,500.00	.00
11-21-00-53420	PD SPECIAL EQUIPMENT	16.56	16.56	17,238.00	17,221.44	.10
11-21-00-53610	PD EQUIP MAINT SERV COSTS	2,128.22	4,169.40	26,000.00	21,830.60	16.04
11-21-00-53700	PD MEDICAL SUPPLIES	.00	.00	5,000.00	5,000.00	.00
11-21-00-53800	PD SPECIAL INVESTIGATIONS	187.43	187.43	13,220.00	13,032.57	1.42
11-21-00-53990	PD MISCELLANEOUS EXP	98.24	98.24	4,000.00	3,901.76	2.46
11-21-00-54100	PD TRAINING EXPENSES	10,907.25	11,031.01	49,810.00	38,778.99	22.15
11-21-00-54110	PD APPLICATION PROCESS	.00	685.50	8,000.00	7,314.50	8.57
11-21-00-54120	TRNG & TRAVEL-REIMBURSEABLE	.00	.00	.00	.00	.00
11-21-00-54130	PD HOSTED TRAINING	.00	.00	.00	.00	.00
11-21-00-54150	TUITION & BOOKS PER CONTRACT	.00	.00	21,061.00	21,061.00	.00
11-21-00-54500	PRO-PHOENIX MAINT CONTRACT	32,981.16	32,981.16	32,982.00	.84	100.00
11-21-00-55000	COVID-19 EXPENDITURES	.00	.00	.00	.00	.00
11-21-00-55310	COPY MACHINE & SHREDDING SVC	132.25	132.25	4,200.00	4,067.75	3.15
11-21-00-55330	TELETYPE EXPENSE	9,588.00	9,588.00	11,353.00	1,765.00	84.45
11-21-00-57340	GRANT PURCHASES-FEDERAL	.00	.00	.00	.00	.00
11-21-00-57350	GRANT PURCHASES-STATE	.00	.00	.00	.00	.00
11-21-00-57360	DONOR PURCHASES	.00	.00	.00	.00	.00
11-21-00-57365	DONATION PURCHASES-FIRST RESP	5,699.43	5,699.43	.00	5,699.43-	.00
11-21-00-57370	BODY ARMOR EXPENDITURES	.00	.00	14,100.00	14,100.00	.00
11-21-00-57380	EXPENDITURES-SEIZURE \$	.00	.00	.00	.00	.00
11-21-00-57390	1033 EXPENDITURES	.00	.00	.00	.00	.00
11-21-00-58100	EQUIPMENT OUTLAY	20,157.94	20,632.02	131,201.00	110,568.98	15.73
Total POLICE DEPARTMENT:		557,302.23	564,867.88	5,275,316.00	4,710,448.12	10.71
Total POLICE DEPARTMENT:		559,024.89	566,590.54	5,521,002.00	4,954,411.46	10.26

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
FIRE DEPARTMENT						
FIRE DEPARTMENT						
11-22-00-43400	EMS PROV SUPP-ACT 102 EQUIP	.00	.00	4,320.00	4,320.00	.00
11-22-00-43410	EMS PROV SUPP-ACT 102 TRAIN	.00	.00	1,307.00	1,307.00	.00
11-22-00-43420	FIRE DUES FROM STATE	.00	.00	59,713.00	59,713.00	.00
11-22-00-43440	FIRE DUES FROM TOWN OF GENEVA	.00	.00	15,557.00	15,557.00	.00
11-22-00-43450	TOWN OF LINN CONTRACT STAFFING	37,252.74	37,252.74	181,215.00	143,962.26	20.56
11-22-00-43455	TOWN OF LINN ADMIN FEE	9,734.50	9,734.50	38,938.00	29,203.50	25.00
11-22-00-43540	STATE GRANTS & REIMBURSEMENTS	.00	.00	.00	.00	.00
11-22-00-43542	FEDERAL GRANTS & REIMBURSE	.00	.00	.00	.00	.00
11-22-00-44710	FIRE DEPT BURNING PERMIT	.00	.00	1,000.00	1,000.00	.00
11-22-00-46100	MISCELLANEOUS REVENUE	.00	.00	5,000.00	5,000.00	.00
11-22-00-46200	FIRE WAGE INCOME	.00	.00	.00	.00	.00
11-22-00-46210	VEHICLE/CHARGES	.00	.00	.00	.00	.00
11-22-00-46220	EMS WAGE INCOME	.00	.00	.00	.00	.00
11-22-00-46230	INSPECTION FEES	.00	.00	61,500.00	61,500.00	.00
11-22-00-46240	FIRE/EMS BILLING REVENUE	65,130.41	86,489.90	617,867.00	531,377.10	14.00
11-22-00-46245	ALS INTERCEPT FEE	1,200.00	1,200.00	12,000.00	10,800.00	10.00
11-22-00-46250	PLAN REVIEW/SPRINKLER SYSTEMS	1,587.00	1,587.00	9,000.00	7,413.00	17.63
11-22-00-47300	TOWNSHIPS FIRE SERVICES	.00	.00	249,432.00	249,432.00	.00
11-22-00-47400	EMS TRANSPORT/VEHICLE CHARGE	.00	.00	.00	.00	.00
11-22-00-47500	VIOLATION FEES	.00	.00	.00	.00	.00
11-22-00-48110	INTEREST	.00	.00	1,000.00	1,000.00	.00
11-22-00-48300	SALE OF FIRE DEPT EQUIPMENT	.00	.00	.00	.00	.00
11-22-00-48510	FIRE DEPT DONATIONS	500.00	500.00	2,000.00	1,500.00	25.00
11-22-00-48550	DONATIONS-CPR CLASSES	.00	455.00	1,500.00	1,045.00	30.33
11-22-00-49100	APPROP FROM ASSIGNED FB A/C	.00	.00	.00	.00	.00
Total FIRE DEPARTMENT:		115,404.65	137,219.14	1,261,349.00	1,124,129.86	10.88
FIRE DEPARTMENT						
11-22-00-51130	FIRE OFFICER SALARIES	5,275.51	5,275.51	43,598.00	38,322.49	12.10
11-22-00-51140	FIRE/EMS STIPEND PAY	8,201.10	8,201.10	.00	8,201.10-	.00
11-22-00-51150	FIRE SAFETY/PUBLIC ED WAGES	275.70	275.70	8,492.00	8,216.30	3.25
11-22-00-51155	FIRE SAFETY/PUBLIC ED EXP	.00	.00	1,000.00	1,000.00	.00
11-22-00-51160	FIRE/EMS OTHER PAY	363.84	363.84	5,816.00	5,452.16	6.26
11-22-00-51220	PAID ON PREMISE WAGES	70,492.15	70,492.15	650,433.00	579,940.85	10.84
11-22-00-51230	FULL-TIME WAGES	32,436.82	32,436.82	384,347.00	351,910.18	8.44
11-22-00-51240	TOWN OF LINN STAFFING WAGES	15,359.46	15,359.46	123,638.00	108,278.54	12.42
11-22-00-51250	OVERTIME WAGES	347.28	347.28	10,000.00	9,652.72	3.47
11-22-00-51260	FULL-TIME VACATION WAGES	.00	.00	34,332.00	34,332.00	.00
11-22-00-51280	FULL TIME HOLIDAY WAGES	.00	.00	20,350.00	20,350.00	.00
11-22-00-51290	EMS LINN CALL PAY	.00	.00	.00	.00	.00
11-22-00-51300	EMS CITY CALL PAY	2,336.11	2,336.11	18,000.00	15,663.89	12.98
11-22-00-51310	EMS GENEVA TWP CALL PAY	30.32	30.32	1,000.00	969.68	3.03
11-22-00-51330	FD LIFE INSURANCE EXP	104.35	104.35	2,050.00	1,945.65	5.09
11-22-00-51340	FD WORKMEN DISABILITY INS	10.95	10.95	26,700.00	26,689.05	.04
11-22-00-51345	FD HEALTH INSURANCE	7,909.05	7,909.05	217,000.00	209,090.95	3.64
11-22-00-51350	FD DENTAL INSURANCE	.00	.00	9,240.00	9,240.00	.00
11-22-00-51355	FD VISION INSURANCE	.00	.00	2,940.00	2,940.00	.00
11-22-00-51360	FIRE/EMS RETIREMENT EXP	21,916.87	21,916.87	216,597.00	194,680.13	10.12
11-22-00-51380	FIRE DEPT UNIFORMS	.00	.00	15,000.00	15,000.00	.00
11-22-00-51400	FIRE CITY CALL PAY	6,129.40	6,129.40	60,000.00	53,870.60	10.22
11-22-00-51410	FIRE GENEVA TWP CALL PAY	515.01	515.01	6,500.00	5,984.99	7.92
11-22-00-51420	FIRE LINN TWP CALL PAY	.00	.00	.00	.00	.00
11-22-00-51430	FIRE WALWORTH CTY CALL PAY	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23	2023-23	2023	2023	2023
		Current Month Actual	Current Year Actual	Current Year Budget	Current Year Variance	Current Year % of Budget
11-22-00-51440	FD TRAVEL/MEAL EXPENSES	.00	.00	500.00	500.00	.00
11-22-00-51520	FD SOCIAL SECURITY EXP	12,048.70	12,048.70	125,433.00	113,384.30	9.61
11-22-00-51900	FIRE COMMISSION MISC EXP	.00	.00	.00	.00	.00
11-22-00-52140	OUTSIDE BILLING SERVICES	.00	.00	34,643.00	34,643.00	.00
11-22-00-52150	FIRE INSPECTORS WAGES	5,298.78	5,298.78	55,480.00	50,181.22	9.55
11-22-00-52160	FIRE/EMS DATA ENTRY WAGES	3,272.70	3,272.70	34,176.00	30,903.30	9.58
11-22-00-52170	FIRE INVESTIGATION PAY	.00	.00	.00	.00	.00
11-22-00-52180	CONTRACTUAL SERVICES-PARATEC	.00	.00	.00	.00	.00
11-22-00-52190	OTHER PROFESSIONAL SERVICES	.00	.00	.00	.00	.00
11-22-00-52210	FIRE TELEPHONE EXPENSE	567.30	605.31	10,919.00	10,313.69	5.54
11-22-00-52220	FIREHOUSE ELECTRICITY	.00	.00	15,854.00	15,854.00	.00
11-22-00-52240	FIREHOUSE GAS HEAT	1,881.36	1,881.36	7,955.00	6,073.64	23.65
11-22-00-52260	FIREHOUSE WATER/SEWER BILLS	.00	.00	1,463.00	1,463.00	.00
11-22-00-52400	EQUIPMENT REPAIRS-FIRE DEPT	.00	7,233.30	27,000.00	19,766.70	26.79
11-22-00-52410	FIREHOUSE REPAIRS	.00	.00	10,000.00	10,000.00	.00
11-22-00-52620	FD-COMMUNICATION SYS MAINT FEE	.00	.00	3,536.00	3,536.00	.00
11-22-00-52650	PD COMMUNICATION SERVICES	.00	.00	51,200.00	51,200.00	.00
11-22-00-53100	OFFICE SUPPLIES	.00	.00	1,500.00	1,500.00	.00
11-22-00-53120	POSTAGE EXPENSE	.00	.00	500.00	500.00	.00
11-22-00-53200	MEMBERSHIP DUES & FEES	.00	.00	2,200.00	2,200.00	.00
11-22-00-53320	FIRE DEPT CONFERENCES/SCHOOLS	.00	.00	1,500.00	1,500.00	.00
11-22-00-53400	OPERATING SUPPLIES	230.25	230.25	5,000.00	4,769.75	4.61
11-22-00-53410	FD FUEL EXPENSE	.00	.00	24,000.00	24,000.00	.00
11-22-00-53500	BLDG MAINT SUPPLIES-FIREHOUSE	.00	37.15	7,500.00	7,462.85	.50
11-22-00-53510	EQUIP MAINT SUPPLIES-FIRE DEPT	.00	851.34	7,000.00	6,148.66	12.16
11-22-00-53600	FIREHOUSE MAINT SERVICE COSTS	.00	.00	6,439.00	6,439.00	.00
11-22-00-53610	FD-EQUIP MAINT SERV COST	.00	.00	.00	.00	.00
11-22-00-53970	BAD DEBT EXPENSE/ADJUSTMENTS	.00	.00	.00	.00	.00
11-22-00-53980	FIRE FILM DEVELOPING	.00	.00	.00	.00	.00
11-22-00-53990	FIRE MISCELLANEOUS EXP	.00	.00	1,000.00	1,000.00	.00
11-22-00-54100	FIRE TRAINING PAY	7,315.03	7,315.03	73,868.00	66,552.97	9.90
11-22-00-54120	TUITION REIMB PER CONTRACT	.00	.00	5,000.00	5,000.00	.00
11-22-00-54150	EXPENSE REIMB PER CONTRACT	.00	.00	1,500.00	1,500.00	.00
11-22-00-54500	FIRE IT SERVICES	9,849.06	9,849.06	31,422.00	21,572.94	31.34
11-22-00-54550	LEXIPOL	5,707.80	5,707.80	5,735.00	27.20	99.53
11-22-00-54600	PRO PHOENIX SUPPORT CONTRACT	7,984.65	7,984.65	7,985.00	.35	100.00
11-22-00-55000	COVID-19 EXPENDITURES	.00	.00	.00	.00	.00
11-22-00-55100	EMS TRAINING PAY	1,427.43	1,427.43	34,596.00	33,168.57	4.13
11-22-00-55320	FD VOICE MAIL LEASE	.00	.00	.00	.00	.00
11-22-00-56100	CPR CLASS PAY	.00	.00	1,500.00	1,500.00	.00
11-22-00-57350	GRANT PURCHASES	.00	.00	3,000.00	3,000.00	.00
11-22-00-57360	DONATION PURCHASES	.00	.00	2,000.00	2,000.00	.00
11-22-00-57365	DONATION PURCHASES-FIRST RESP	.00	3,799.62	.00	3,799.62	.00
11-22-00-57500	SPRINKLER SYSTEMS EXPENSES	.00	.00	7,500.00	7,500.00	.00
11-22-00-58000	FIRE EQUIPMENT/SUPPLIES	.00	.00	5,000.00	5,000.00	.00
11-22-00-58100	EMS EQUIPMENT/SUPPLIES	.00	851.34	24,750.00	23,898.66	3.44
11-22-00-58110	SPECIALIZED TEAMS EQUIP/SUP	.00	.00	5,000.00	5,000.00	.00
11-22-00-58200	STATE MANDATED EQUIP TESTING	.00	749.00	59,408.00	58,659.00	1.26
11-22-00-58300	ACT 102 EXPENSES	.00	.00	5,627.00	5,627.00	.00
11-22-00-58400	PRE-EMPLOYMENT TESTING	.00	.00	2,500.00	2,500.00	.00
11-22-00-58410	EMPLOYEE HEALTH & WELLNESS	.00	.00	2,095.00	2,095.00	.00
11-22-00-58500	EQUIPMENT OUTLAY	.00	6,377.05	28,400.00	22,022.95	22.45
Total FIRE DEPARTMENT:		227,286.98	247,223.79	2,598,717.00	2,351,493.21	9.51

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
PROGRAM: 10						
11-22-10-52290	FIRE PROTECTION-HYDRANT RENTA	.00	.00	.00	.00	.00
Total PROGRAM: 10:		.00	.00	.00	.00	.00
Total FIRE DEPARTMENT:		342,691.63	384,442.93	3,860,066.00	3,475,623.07	9.96
BUILDING AND ZONING						
BUILDING AND ZONING						
11-24-00-44300	BUILDING PERMITS	2,808.58	5,802.65	250,000.00	244,197.35	2.32
11-24-00-44310	ELECTRICAL PERMITS	1,977.92	2,923.32	90,000.00	87,076.68	3.25
11-24-00-44320	PLUMBING PERMITS	1,146.00	2,049.00	60,000.00	57,951.00	3.42
11-24-00-44330	HVAC PERMITS	2,015.00	3,437.52	55,000.00	51,562.48	6.25
11-24-00-44340	UTILITY PERMITS	75.00	75.00	.00	75.00-	.00
11-24-00-44360	MISCELLANEOUS FEES	.00	.00	.00	.00	.00
11-24-00-44400	ZONING PERMITS & FEES	65.00	2,615.00	55,000.00	52,385.00	4.75
11-24-00-46300	TRASH PICK-UP REVENUE	.00	.00	.00	.00	.00
Total BUILDING AND ZONING:		8,087.50	16,902.49	510,000.00	493,097.51	3.31
BUILDING AND ZONING						
11-24-00-51100	BUILDING INSPECTOR SALARIES	10,821.44	10,821.44	92,939.00	82,117.56	11.64
11-24-00-51200	BUILDING INSPECTION WAGES	13,813.27	13,813.27	119,950.00	106,136.73	11.52
11-24-00-51330	INSURANCE DEDUCTIBLE REIMB	.00	.00	.00	.00	.00
11-24-00-51340	BLDG INSPECTOR LIFE INSURANCE	69.98	69.98	760.00	690.02	9.21
11-24-00-51345	BLDG INSPECTOR HEALTH INSUR	4,594.82	4,594.82	44,655.00	40,060.18	10.29
11-24-00-51350	BLDG INSPECTOR DENTAL INSUR	359.50	359.50	2,930.00	2,570.50	12.27
11-24-00-51355	BLDG INSPECTOR VISION INS	17.22	17.22	135.00	117.78	12.76
11-24-00-51360	BLDG INSPECTOR RETIREMENT FUN	1,709.16	1,709.16	14,450.00	12,740.84	11.83
11-24-00-51370	BLDG INSPECTOR DISABILITY INS	66.99	66.99	635.00	568.01	10.55
11-24-00-51520	BLDG INSPECTOR SOCIAL SECURITY	1,866.81	1,866.81	16,259.00	14,392.19	11.48
11-24-00-52170	CONTRACT-ELEVATOR INSPECTION	.00	.00	.00	.00	.00
11-24-00-52180	CONTRACTS-WEIGHTS & MEASURES	.00	.00	4,800.00	4,800.00	.00
11-24-00-52190	CONTRACT BUILDING INSPECTOR	.00	.00	11,000.00	11,000.00	.00
11-24-00-52620	TELEPHONE EXPENSE	.00	36.95	1,200.00	1,163.05	3.08
11-24-00-53100	BLDG INSPECTOR OFFICE SUPPLIES	.00	235.32	10,500.00	10,264.68	2.24
11-24-00-53200	MEMBERSHIP DUES & FEES	.00	.00	600.00	600.00	.00
11-24-00-53300	BLDG INSPECTOR TRAVEL-MILEAGE	500.01	500.01	6,500.00	5,999.99	7.69
11-24-00-53310	BLDG INSP-MEALS & LODGING	.00	.00	2,500.00	2,500.00	.00
11-24-00-53320	CONFERENCES & SCHOOL	.00	.00	2,500.00	2,500.00	.00
11-24-00-53350	OTHER PROFESSIONAL FEES	2,112.98	2,112.98	25,000.00	22,887.02	8.45
11-24-00-53990	BLDG INSPECTOR MISC EXPENSES	.00	.00	100.00	100.00	.00
11-24-00-54500	COMPUTER IT SVC & EQUIPMENT	.00	4,575.00	4,000.00	575.00-	114.38
11-24-00-58100	EQUIPMENT OUTLAY	.00	.00	.00	.00	.00
Total BUILDING AND ZONING:		35,932.18	40,779.45	361,413.00	320,633.55	11.28
Total BUILDING AND ZONING:		44,019.68	57,681.94	871,413.00	813,731.06	6.62
EMERGENCY MANAGEMENT						
EMERGENCY MANAGEMENT						
11-29-00-43530	FEDERAL GRANTS	.00	.00	.00	.00	.00
11-29-00-43540	STATE GRANTS	.00	.00	.00	.00	.00
Total EMERGENCY MANAGEMENT:		.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
EMERGENCY MANAGEMENT						
11-29-00-51200	EMER MGMT PART TIME WAGES	136.44	136.44	2,000.00	1,863.56	6.82
11-29-00-51360	EMER MGMT RETIREMENT	36.02	36.02	345.00	308.98	10.44
11-29-00-51520	EMER MGMT SOCIAL SEC	10.46	10.46	153.00	142.54	6.84
11-29-00-52100	SIREN REPAIRS	.00	.00	8,700.00	8,700.00	.00
11-29-00-52210	EMER MGMT TELEPHONE EXP	.00	.00	600.00	600.00	.00
11-29-00-52220	SIRENS ELECTRICTY	.00	.00	600.00	600.00	.00
11-29-00-52500	FIRE SIREN REPAIRS	.00	.00	.00	.00	.00
11-29-00-53100	EMER MGMT OFFICE SUPPLIES	.00	.00	500.00	500.00	.00
11-29-00-53310	EMER MGMT MEALS, LODGING, ETC	.00	.00	500.00	500.00	.00
11-29-00-53400	EMER MGMT SUPPLIES	.00	.00	3,000.00	3,000.00	.00
11-29-00-53600	ONE CALL NOW PROGRAM	.00	.00	3,000.00	3,000.00	.00
11-29-00-53610	EMER MGMT VEHICLE MAINT/SVC	.00	.00	1,000.00	1,000.00	.00
11-29-00-53990	EMER MGMT MISC EXP	.00	.00	500.00	500.00	.00
11-29-00-54100	EMER MGMT TRAINING EXP	.00	.00	500.00	500.00	.00
11-29-00-54130	PUBLIC EDUCATION	.00	.00	800.00	800.00	.00
11-29-00-54140	MEDICAL RESERVE CORPS	.00	.00	1,900.00	1,900.00	.00
11-29-00-54150	OUTSOURCED-COOP/COG	.00	.00	.00	.00	.00
11-29-00-55310	EMER MGMT COPYING COSTS	.00	.00	.00	.00	.00
11-29-00-57350	GRANT PURCHASES	.00	.00	.00	.00	.00
11-29-00-58000	FIRE SIRENS	.00	.00	.00	.00	.00
11-29-00-58100	EQUIPMENT OUTLAY	.00	.00	.00	.00	.00
Total EMERGENCY MANAGEMENT:		182.92	182.92	24,098.00	23,915.08	.76
Total EMERGENCY MANAGEMENT:		182.92	182.92	24,098.00	23,915.08	.76
DPW AND ENGINEERING						
DPW AND ENGINEERING						
11-30-00-52160	CITY ENGINEERING FEES	.00	.00	15,000.00	15,000.00	.00
11-30-00-52170	SURVEYING	.00	.00	15,800.00	15,800.00	.00
Total DPW AND ENGINEERING:		.00	.00	30,800.00	30,800.00	.00
Total DPW AND ENGINEERING:		.00	.00	30,800.00	30,800.00	.00
STREET DEPARTMENT						
STREET DEPARTMENT						
11-32-10-43550	MISC STREET DEPT GRANTS	.00	.00	.00	.00	.00
11-32-10-43695	OTHER FEDERAL AIDS	.00	.00	.00	.00	.00
11-32-10-44350	PUBLIC WORKS CONST PERMIT	325.00	375.00	2,500.00	2,125.00	15.00
11-32-10-45220	RESTITUTION-STREET DEPT PROP	.00	.00	.00	.00	.00
11-32-10-46300	MISC STREET DEPT REVENUE	.00	.00	1,500.00	1,500.00	.00
11-32-10-46440	GRASS/WEED CUTTING	.00	.00	.00	.00	.00
11-32-10-47300	STREET DEPT DONATIONS	.00	.00	.00	.00	.00
Total STREET DEPARTMENT:		325.00	375.00	4,000.00	3,625.00	9.38
STREET DEPARTMENT						
11-32-10-51000	DIRECTOR OF PUBLIC WORKS	12,102.40	12,102.40	107,518.00	95,415.60	11.26
11-32-10-51100	ASST PW DIRECTOR SALARY	.00	.00	.00	.00	.00
11-32-10-51110	REDISTRIBUTABLE ST DEPT LABOR	.00	.00	.00	.00	.00
11-32-10-51200	ST DEPT WAGES	57,618.48	57,618.48	446,025.00	388,406.52	12.92
11-32-10-51250	ST DEPT OVERTIME WAGES	294.30	294.30	26,000.00	25,705.70	1.13
11-32-10-51260	ST DEPT SEASONAL LABOR	3,857.53	3,857.53	58,690.00	54,832.47	6.57
11-32-10-51270	ST DEPT OFFICE ADMIN ASST	2,860.92	2,860.92	25,925.00	23,064.08	11.04

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-32-10-51330	INS DEDUCTIBLE REIMBURSEMENT	.00	.00	.00	.00	.00
11-32-10-51340	ST DEPT LIFE INSURANCE	137.99	137.99	1,350.00	1,212.01	10.22
11-32-10-51345	ST DEPT HEALTH INSURANCE	16,517.85	16,517.85	165,000.00	148,482.15	10.01
11-32-10-51350	ST DEPT DENTAL INSURANCE	957.90	957.90	9,002.00	8,044.10	10.64
11-32-10-51355	ST DEPT VISION INSURANCE	40.70	40.70	410.00	369.30	9.93
11-32-10-51360	ST DEPT RETIREMENT FUND	5,821.74	5,821.74	39,450.00	33,628.26	14.76
11-32-10-51370	ST DEPT DISABILITY INS	202.64	202.64	1,685.00	1,482.36	12.03
11-32-10-51380	ST DEPT UNIFORM ALLOW	10,200.00	10,200.00	9,300.00	900.00-	109.68
11-32-10-51520	ST DEPT SOCIAL SECURITY	6,492.13	6,492.13	48,890.00	42,397.87	13.28
11-32-10-52050	DRUG AND MEDICAL TESTING	.00	.00	1,600.00	1,600.00	.00
11-32-10-52210	ST DEPT TELEPHONE EXPENSE	368.46	527.57	5,191.00	4,663.43	10.16
11-32-10-52220	ST DEPT BLDG ELECTRICITY	.00	.00	11,750.00	11,750.00	.00
11-32-10-52240	ST DEPT BLDG GAS HEAT	3,302.52	3,302.52	9,343.00	6,040.48	35.35
11-32-10-52260	ST DEPT BLDG-WATER & SEWER	.00	.00	1,500.00	1,500.00	.00
11-32-10-52400	ST DEPT BUILDING REPAIRS	89.83	89.83	6,000.00	5,910.17	1.50
11-32-10-52500	ST DEPT EQUIPMENT REPAIRS	3,409.58	3,851.61	86,000.00	82,148.39	4.48
11-32-10-52620	ST DEPT COMM SYSTEM MAINT FEES	.00	.00	1,500.00	1,500.00	.00
11-32-10-52700	SIDEWALK REPAIRS	.00	.00	22,500.00	22,500.00	.00
11-32-10-53300	MILEAGE/TRAVEL	.00	.00	500.00	500.00	.00
11-32-10-53310	MEALS/LODGING	.00	.00	750.00	750.00	.00
11-32-10-53320	CONFERENCES/DUES	.00	.00	1,500.00	1,500.00	.00
11-32-10-53400	OPERATING SUPPLIES-STREET DEPT	406.19	1,280.67	20,000.00	18,719.33	6.40
11-32-10-53410	VEHICLE-FUEL & OIL	8,725.70	16,880.85	125,000.00	108,119.15	13.50
11-32-10-53420	MOSQUITO CONTROL	.00	.00	5,500.00	5,500.00	.00
11-32-10-53440	WEED CUTTING	.00	.00	.00	.00	.00
11-32-10-53450	SAFETY GRANT EXPENDITURES	.00	.00	1,500.00	1,500.00	.00
11-32-10-53500	BLDG MAINT SUPPLIES-STR DEPT	25.05	25.05	4,500.00	4,474.95	.56
11-32-10-53510	VEHICLE/EQUIPMENT MAINTENANCE	378.24	400.82	32,000.00	31,599.18	1.25
11-32-10-53600	ST DEPT BLDG MAINT SERV COSTS	469.41	561.45	6,500.00	5,938.55	8.64
11-32-10-53700	ROAD MAINTENANCE SUPPLIES	.00	.00	59,500.00	59,500.00	.00
11-32-10-53750	STREET CRACK FILLING	.00	.00	.00	.00	.00
11-32-10-53900	FIRST AID AND SAFETY SUPPLIES	2,520.33	2,615.97	2,500.00	115.97-	104.64
11-32-10-53990	ST DEPT MISCELLANEOUS EXP	2.79	2.79	3,000.00	2,997.21	.09
11-32-10-55000	COVID-19 EXPENDITURES	.00	.00	.00	.00	.00
11-32-10-57360	DONATION PURCHASES	.00	.00	.00	.00	.00
Total STREET DEPARTMENT:		136,802.68	146,643.71	1,347,379.00	1,200,735.29	10.88
SNOW AND ICE						
11-32-12-46310	SNOW & ICE CONTROL	.00	.00	10,000.00	10,000.00	.00
Total SNOW AND ICE:		.00	.00	10,000.00	10,000.00	.00
SNOW AND ICE						
11-32-12-51200	SNOW & ICE CONTROL WAGES	9,115.72	9,115.72	44,500.00	35,384.28	20.48
11-32-12-51250	SNOW & ICE CONTROL OVERTIME	11,811.67	11,811.67	2,700.00	9,111.67-	437.47
11-32-12-51340	SNOW & ICE LIFE INSURANCE	2.96	2.96	120.00	117.04	2.47
11-32-12-51345	SNOW & ICE HEALTH INSURANCE	700.56	700.56	14,000.00	13,299.44	5.00
11-32-12-51350	SNOW & ICE DENTAL INSURANCE	33.16	33.16	750.00	716.84	4.42
11-32-12-51355	SNOW & ICE VISION INSURANCE	2.12	2.12	30.00	27.88	7.07
11-32-12-51360	SNOW & ICE RETIREMENT FUND	1,423.08	1,423.08	3,100.00	1,676.92	45.91
11-32-12-51370	SNOW & ICE DISABILITY INS	.00	.00	125.00	125.00	.00
11-32-12-51520	SNOW & ICE SOCIAL SECURITY	1,550.55	1,550.55	5,049.00	3,498.45	30.71
11-32-12-52200	CONTRACT HAULING SERVICES	.00	2,940.00	47,000.00	44,060.00	6.26
11-32-12-52500	SNOW & ICE CONTROL-REPAIRS	1,551.12	1,551.12	8,000.00	6,448.88	19.39
11-32-12-53100	SNOW & ICE OFFICE SUPPLIES	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-32-12-53400	OPERATING SUPPLIES-SNOW & ICE	2,379.03	2,379.03	80,000.00	77,620.97	2.97
11-32-12-53440	SNOW REMOVAL EXPENSES	.00	.00	20,000.00	20,000.00	.00
11-32-12-53510	EQUIP MAINT SUPPL-SNOW & ICE	314.74	476.17	8,500.00	8,023.83	5.60
Total SNOW AND ICE:		28,884.71	31,986.14	233,874.00	201,887.86	13.68
TREE AND BRUSH						
11-32-13-46440	BRUSH PICKUP CHARGES	.00	.00	250.00	250.00	.00
11-32-13-46810	SALE OF TREES	.00	.00	.00	.00	.00
11-32-13-48510	DONATIONS TO TREE PROGRAM	.00	.00	750.00	750.00	.00
Total TREE AND BRUSH:		.00	.00	1,000.00	1,000.00	.00
TREE AND BRUSH						
11-32-13-51200	TREE & BRUSH WAGES	14,337.45	14,337.45	150,350.00	136,012.55	9.54
11-32-13-51250	TREE & BRUSH OVERTIME	112.95	112.95	8,485.00	8,372.05	1.33
11-32-13-51340	TREE & BRUSH LIFE INSURANCE	26.09	26.09	385.00	358.91	6.78
11-32-13-51345	TREE & BRUSH HEALTH INSURANCE	5,277.29	5,277.29	45,000.00	39,722.71	11.73
11-32-13-51350	TREE & BRUSH DENTAL INSURANCE	256.31	256.31	2,640.00	2,383.69	9.71
11-32-13-51355	TREE & BRUSH VISION INSURANCE	12.90	12.90	140.00	127.10	9.21
11-32-13-51360	TREE & BRUSH RETIREMENT FUND	982.63	982.63	9,781.00	8,798.37	10.05
11-32-13-51370	TREE & BRUSH DISABILITY INS	17.96	17.96	400.00	382.04	4.49
11-32-13-51520	TREE & BRUSH SOC SEC	1,069.75	1,069.75	11,004.00	9,934.25	9.72
11-32-13-52200	FORESTRY SERVICES	.00	.00	2,500.00	2,500.00	.00
11-32-13-53440	BRUSH PICKUP EXPENSES	.00	.00	500.00	500.00	.00
11-32-13-53460	PURCHASE OF TREES	.00	.00	15,000.00	15,000.00	.00
11-32-13-54100	TRAINING & SEMINARS	.00	.00	1,750.00	1,750.00	.00
11-32-13-54200	TREE & BRUSH-REPAIR	.00	.00	4,000.00	4,000.00	.00
11-32-13-54300	TREE & BRUSH OPER SUPPLIES	4.19	4.19	21,500.00	21,495.81	.02
11-32-13-54400	MISC TREE BOARD EXPENSES	.00	.00	.00	.00	.00
11-32-13-56810	MEMORIAL TREE PURCHASES	.00	.00	.00	.00	.00
Total TREE AND BRUSH:		22,097.52	22,097.52	273,435.00	251,337.48	8.08
COMPOST OPERATIONS						
11-32-14-51200	COMPOSTING ST DEPT WAGES	186.06	186.06	46,630.00	46,443.94	.40
11-32-14-51250	COMPOSTING OVERTIME	.00	.00	2,800.00	2,800.00	.00
11-32-14-51340	COMPOSTING LIFE INS	.26	.26	110.00	109.74	.24
11-32-14-51345	COMPOSTING HEALTH INSURANCE	76.38	76.38	14,472.00	14,395.62	.53
11-32-14-51350	COMPOSTING DENTAL INSURANCE	4.29	4.29	850.00	845.71	.50
11-32-14-51355	COMPOSTING VISION INSURANCE	.23	.23	35.00	34.77	.66
11-32-14-51360	COMPOSTING RETIREMENT FUND	12.64	12.64	3,360.00	3,347.36	.38
11-32-14-51370	COMPOSTING DISABILITY INS	.00	.00	150.00	150.00	.00
11-32-14-51520	COMPOSTING SOCIAL SECURITY	13.54	13.54	3,780.00	3,766.46	.36
11-32-14-52200	COMPOSTING SERVICES	.00	.00	19,000.00	19,000.00	.00
11-32-14-54300	COMPOSTING OPERATING SUPPLIES	.00	.00	2,500.00	2,500.00	.00
Total COMPOST OPERATIONS:		293.40	293.40	93,687.00	93,393.60	.31
STORM SEWER						
11-32-15-51200	STORM SEWER WAGES	.00	.00	5,625.00	5,625.00	.00
11-32-15-51230	STORM SEWER WAGES DIG HOT	325.18	325.18	4,215.00	3,889.82	7.71
11-32-15-51250	STORM SEWER OVERTIME	.00	.00	.00	.00	.00
11-32-15-51340	STORM SEWER LIFE INS	.60	.60	20.00	19.40	3.00
11-32-15-51345	STORM SEWER HEALTH INSURANCE	.00	.00	5,000.00	5,000.00	.00
11-32-15-51350	STORM SEWER DENTAL INSURANCE	5.81	5.81	150.00	144.19	3.87

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-32-15-51355	STORM SEWER VISION INSURANCE	.00	.00	15.00	15.00	.00
11-32-15-51360	STORM SEWER RETIREMENT	22.12	22.12	850.00	827.88	2.60
11-32-15-51370	STORM SEWER DISABILITY INS	.00	.00	15.00	15.00	.00
11-32-15-51520	STORM SEWER SOC SEC	24.87	24.87	750.00	725.13	3.32
11-32-15-54500	STORM SEWER MAINTENANCE	.00	.00	12,000.00	12,000.00	.00
11-32-15-54600	STORM SEWER DIGGERS HOTLINE	640.00	640.00	2,300.00	1,660.00	27.83
11-32-15-54700	REPAVING MAINTENANCE COSTS	.00	.00	.00	.00	.00
Total STORM SEWER:		1,018.58	1,018.58	30,940.00	29,921.42	3.29
Total STREET DEPARTMENT:		189,421.89	202,414.35	1,994,315.00	1,791,900.65	10.15
TRAFFIC CONTROL						
TRAFFIC CONTROL						
11-34-10-46390	CAR TOWING REIMBURSEMENTS	.00	.00	1,500.00	1,500.00	.00
Total TRAFFIC CONTROL:		.00	.00	1,500.00	1,500.00	.00
TRAFFIC CONTROL						
11-34-10-51200	TRAFFIC CONTROL WAGES	183.51	183.51	2,100.00	1,916.49	8.74
11-34-10-51250	TRAFFIC CONTROL OVERTIME	122.34	122.34	500.00	377.66	24.47
11-34-10-51340	TRAFFIC CONTROL LIFE INS	.24	.24	5.00	4.76	4.80
11-34-10-51345	TRAFFIC CONTROL HEALTH INSUR	.00	.00	650.00	650.00	.00
11-34-10-51350	TRAFFIC CONTROL DENTAL INSUR	2.32	2.32	50.00	47.68	4.64
11-34-10-51355	TRAFFIC CONTROL VISION INS	.00	.00	2.00	2.00	.00
11-34-10-51360	TRAFFIC CONTROL RETIREMENT	20.80	20.80	170.00	149.20	12.24
11-34-10-51370	TRAFFIC CONTROL DISABILITY INS	.00	.00	5.00	5.00	.00
11-34-10-51520	TRAFFIC CONTROL SOCIAL SEC	23.40	23.40	192.00	168.60	12.19
11-34-10-52220	ELECTRICITY-FLASHERS	.00	.00	5,000.00	5,000.00	.00
11-34-10-52230	STREET LIGHTS ELECTRICITY	.00	.00	107,250.00	107,250.00	.00
11-34-10-52600	REPAIRS-TRAFFIC SIGNALS,ETC	.00	312.50	9,500.00	9,187.50	3.29
11-34-10-52610	STREET LIGHTS REPAIRS	985.67	985.67	5,000.00	4,014.33	19.71
11-34-10-52900	CAR TOWING	.00	.00	3,000.00	3,000.00	.00
11-34-10-53700	MARKING PAINT	12,160.88	12,996.88	15,000.00	2,003.12	86.65
11-34-10-53740	STREET IDENTIFICATION SIGNS	434.20	434.20	2,500.00	2,065.80	17.37
11-34-10-53750	TRAFFIC CONTROL STREET SIGNS	61.87	61.87	5,500.00	5,438.13	1.12
11-34-10-53940	STREET DECORATIONS	.00	.00	3,500.00	3,500.00	.00
Total TRAFFIC CONTROL:		13,995.23	15,143.73	159,924.00	144,780.27	9.47
Total TRAFFIC CONTROL:		13,995.23	15,143.73	161,424.00	146,280.27	9.38
SANITATION AND RECYCLING						
SANITATION AND RECYCLING						
11-36-00-52940	SOLID WASTE-RESIDENTIAL	36,962.64	73,989.90	424,180.00	350,190.10	17.44
11-36-00-52950	SOLID WASTE-CONDOMINIUMS	.00	.00	.00	.00	.00
11-36-00-52960	SOLID WASTE-STREET DEPT	.00	.00	12,500.00	12,500.00	.00
11-36-00-52970	SOLID WASTE-RECYCLING	20,283.12	40,601.70	239,350.00	198,748.30	16.96
Total SANITATION AND RECYCLING:		57,245.76	114,591.60	676,030.00	561,438.40	16.95
Total SANITATION AND RECYCLING:		57,245.76	114,591.60	676,030.00	561,438.40	16.95
MUSEUM						
MUSEUM						
11-51-10-52220	MUSEUM-ELECTRICITY	.00	.00	11,500.00	11,500.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-51-10-52240	MUSEUM-GAS HEAT	1,527.28	1,527.28	5,144.00	3,616.72	29.69
11-51-10-52260	MUSEUM-WATER & SEWER EXP	.00	.00	2,000.00	2,000.00	.00
11-51-10-52400	MUSEUM-MAINTENANCE & REPAIRS	.00	.00	5,000.00	5,000.00	.00
11-51-10-57350	MUSEUM-OPERATIONS SUBSIDY	.00	.00	13,000.00	13,000.00	.00
Total MUSEUM:		1,527.28	1,527.28	36,644.00	35,116.72	4.17
Total MUSEUM:		1,527.28	1,527.28	36,644.00	35,116.72	4.17

PARKS

11-52-00-46740	PARK APPLICATION FEE	.00	.00	.00	.00	.00
11-52-00-46750	PARK USE FEES	59.74	59.74	7,200.00	7,140.26	.83
11-52-00-48500	PARK DONATIONS	.00	.00	5,000.00	5,000.00	.00
11-52-00-48510	PARK DONATIONS-YMCA	.00	.00	.00	.00	.00
11-52-00-48600	PARK FUND GRANTS	.00	.00	.00	.00	.00
11-52-00-48910	PARK FUND COLLECTIONS	.00	.00	3,000.00	3,000.00	.00
Total PARKS:		59.74	59.74	15,200.00	15,140.26	.39

PARKS

11-52-00-51100	PARKS/REC DIRECTOR	.00	.00	90,000.00	90,000.00	.00
11-52-00-51200	PARKS WAGES	2,045.67	2,045.67	85,000.00	82,954.33	2.41
11-52-00-51250	PARKS OVERTIME WAGES	122.34	122.34	12,500.00	12,377.66	.98
11-52-00-51340	PARKS LIFE INSURANCE	2.11	2.11	235.00	232.89	.90
11-52-00-51345	PARKS HEALTH INSURANCE	801.03	801.03	36,000.00	35,198.97	2.23
11-52-00-51350	PARKS DENTAL INSURANCE	35.74	35.74	2,100.00	2,064.26	1.70
11-52-00-51355	PARKS VISION INSURANCE	2.64	2.64	100.00	97.36	2.64
11-52-00-51360	PARKS RETIREMENT FUND	147.43	147.43	12,750.00	12,602.57	1.16
11-52-00-51370	PARKS DISABILITY INS	.00	.00	350.00	350.00	.00
11-52-00-51520	PARKS SOCIAL SECURITY	154.52	154.52	14,345.00	14,190.48	1.08
11-52-00-52220	PARKS ELECTRICITY	.00	.00	9,000.00	9,000.00	.00
11-52-00-52240	PARKS GAS HEAT	474.21	474.21	.00	474.21-	.00
11-52-00-52260	PARKS WATER & SEWER EXP	.00	.00	6,500.00	6,500.00	.00
11-52-00-52270	FOUNTAINS/STATUES-WATER/SEWER	.00	.00	3,500.00	3,500.00	.00
11-52-00-52410	BLDG MAINT&REPAIR-PARKS	.00	.00	6,500.00	6,500.00	.00
11-52-00-52500	EQUIPMENT REPAIR SERVICES	882.52	901.72	6,000.00	5,098.28	15.03
11-52-00-53400	PARKS OPERATING SUPPLIES	.00	.00	2,200.00	2,200.00	.00
11-52-00-53500	BLDG MAINT SUPPLIES-PARKS	.00	658.50	26,000.00	25,341.50	2.53
11-52-00-53520	GROUND'S MAINT SUPPLIES	2,286.69	3,621.69	22,000.00	18,378.31	16.46
11-52-00-53620	GROUND'S FERTILIZER/WEED CONTR	.00	.00	7,500.00	7,500.00	.00
11-52-00-53990	PARKS MISCELLANEOUS EXPENSES	.00	.00	3,000.00	3,000.00	.00
11-52-00-57360	PARK DONATION PURCHASES	.00	.00	.00	.00	.00
11-52-00-57370	PARK DONATION PURCHASES-YMCA	.00	.00	.00	.00	.00
11-52-00-58400	4 SEASON NATURE PRESERVE	.00	.00	7,500.00	7,500.00	.00
11-52-00-59220	DUNN FIELD ELECTRIC	.00	.00	1,800.00	1,800.00	.00
11-52-00-59500	BLDG MAINT SUPPLIES-RECREATION	.00	.00	.00	.00	.00
11-52-00-59510	EQUIP MAINT SUPPL-RECREATION	.00	.00	4,500.00	4,500.00	.00
Total PARKS:		6,954.90	8,967.60	359,380.00	350,412.40	2.50

VETERANS PARK

11-52-01-51200	VETS PARKS WAGES	4,455.18	4,455.18	51,315.00	46,859.82	8.68
11-52-01-51250	VETS PARKS OVERTIME	.00	.00	3,100.00	3,100.00	.00
11-52-01-51340	VETS PARK LIFE INSURANCE	12.66	12.66	160.00	147.34	7.91
11-52-01-51345	VETS PARK HEALTH INSURANCE	1,058.07	1,058.07	17,258.00	16,199.93	6.13

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
11-52-01-51350	VETS PARK DENTAL INSURANCE	59.43	59.43	1,067.00	1,007.57	5.57
11-52-01-51355	VETS PARK VISION INSURANCE	3.09	3.09	60.00	56.91	5.15
11-52-01-51360	VETS PARKS RETIREMENT FUND	302.95	302.95	3,378.00	3,075.05	8.97
11-52-01-51370	VETS PARKS DISABILITY INS	16.07	16.07	175.00	158.93	9.18
11-52-01-51520	VETS PARKS SOCIAL SECURITY	327.71	327.71	4,159.00	3,831.29	7.88
11-52-01-52220	VETS PARKS ELECTRICITY	.00	.00	8,000.00	8,000.00	.00
11-52-01-52240	VETS PARK GAS HEAT	212.73	212.73	1,000.00	787.27	21.27
11-52-01-52260	VETS PARK WATER & SEWER	.00	35.84	2,000.00	1,964.16	1.79
11-52-01-53400	VETS PARK OPERATING SUPPLIES	42.60	42.60	7,000.00	6,957.40	.61
11-52-01-53500	BLDG MAINT & REPAIR	.00	.00	2,000.00	2,000.00	.00
11-52-01-59520	GROUND MAINTENANCE SUPPLIES	47.81	177.79	7,000.00	6,822.21	2.54
Total VETERANS PARK:		6,538.30	6,704.12	107,672.00	100,967.88	6.23
Total PARKS:		13,552.94	15,731.46	482,252.00	466,520.54	3.26
PLAN COMMISSION						
PLAN COMMISSION						
11-69-30-51100	PLAN COMMISSION SALARIES	.00	.00	.00	.00	.00
11-69-30-51900	PLAN COMMISSION MEETINGS	.00	.00	.00	.00	.00
11-69-30-52120	OUTSIDE PROFESSIONAL PLANNING	.00	2,238.75	15,000.00	12,761.25	14.93
11-69-30-52130	IMPACT FEES STUDY	.00	.00	20,000.00	20,000.00	.00
11-69-30-52150	SMART GROWTH SERVICES	.00	.00	2,500.00	2,500.00	.00
11-69-30-52160	COMPREHENSIVE PLAN	.00	.00	20,000.00	20,000.00	.00
11-69-30-52165	PARK PLAN	.00	.00	10,150.00	10,150.00	.00
11-69-30-52170	ECONOMIC DEVELOPMENT	.00	.00	.00	.00	.00
11-69-30-52180	ZONING CODES	.00	.00	35,000.00	35,000.00	.00
11-69-30-53100	PLAN COMMISSION OFFICE SUPPL	.00	.00	2,000.00	2,000.00	.00
11-69-30-53140	OFFICAL PUBLICATION & NOTICES	.00	.00	.00	.00	.00
11-69-30-53320	PLAN COMMISSION CONF & SCHOOL	.00	.00	.00	.00	.00
11-69-30-53990	PLAN COMMISSION MISC EXP	.00	.00	.00	.00	.00
Total PLAN COMMISSION:		.00	2,238.75	104,650.00	102,411.25	2.14
Total PLAN COMMISSION:		.00	2,238.75	104,650.00	102,411.25	2.14
MISCELLANEOUS						
MISCELLANEOUS						
11-70-00-47210	HISTORIC PRESERVATION DONATION	.00	.00	75.00	75.00	.00
11-70-00-47230	HISTORIC PLAQUE REIMBURSEMENT	.00	.00	.00	.00	.00
11-70-00-47300	AVIAN DONATIONS	.00	.00	250.00	250.00	.00
Total MISCELLANEOUS:		.00	.00	325.00	325.00	.00
MISCELLANEOUS						
11-70-00-55300	RECREATION PROGRAMS AND EVEN	.00	.00	.00	.00	.00
11-70-00-57100	HOTEL/MOTEL ASSN-CHAM OF COM	.00	.00	.00	.00	.00
11-70-00-57200	HISTORIC PRESERVATION	40.00	40.00	8,500.00	8,460.00	.47
11-70-00-57210	EXP FROM HIST PRES DONATIONS	.00	.00	.00	.00	.00
11-70-00-57230	HISTORIC PLAQUE PURCHASES	.00	.00	2,000.00	2,000.00	.00
11-70-00-57500	CEMETERY-OPERATING CONTRIB	.00	.00	.00	.00	.00
11-70-00-57600	YMCA-YOUTH ATHLETIC PROGRAM	.00	.00	60,000.00	60,000.00	.00
11-70-00-57700	LAKE GENEVA CVB ASSISTANCE	.00	.00	.00	.00	.00
11-70-00-57800	AVIAN COMMITTEE EXPENSES	105.94	105.94	4,125.00	4,019.06	2.57
11-70-00-57810	AVIAN COMMITTEE DONATION EXP	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
	Total MISCELLANEOUS:	145.94	145.94	74,625.00	74,479.06	.20
	Total MISCELLANEOUS:	145.94	145.94	74,950.00	74,804.06	.19
	GENERAL FUND Revenue Total:	2,276,034.84	2,308,558.00	14,632,453.00	12,323,895.00	15.78
	GENERAL FUND Expenditure Total:	1,331,674.06	1,439,811.91	14,557,431.00	13,117,619.09	9.89
	Net Total GENERAL FUND:	944,360.78	868,746.09	75,022.00	793,724.09-	1,157.99

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
DEBT SERVICE FUND						
DEBT SERVICE						
DEBT SERVICE						
20-81-00-41110	PROPERTY TAX LEVY	.00	.00	2,037,171.00	2,037,171.00	.00
20-81-00-48110	INTEREST INCOME	1,153.08	1,153.08	.00	1,153.08-	.00
20-81-00-49000	PROCEEDS FROM BONDS	.00	.00	.00	.00	.00
20-81-00-49050	PREMIUM ON DEBT ISSUANCE	.00	.00	.00	.00	.00
20-81-00-49100	APPLIED PRIOR YR APPROPRIATION	.00	.00	99,150.00	99,150.00	.00
20-81-00-49400	TRANSFER IN FROM GENERAL FUND	.00	.00	.00	.00	.00
20-81-00-49600	TRANSFER IN FROM TOURISM FUND	.00	.00	167,375.00	167,375.00	.00
Total DEBT SERVICE:		1,153.08	1,153.08	2,303,696.00	2,302,542.92	.05
DEBT SERVICE						
20-81-00-52160	PROFESSIONAL SERVICES	.00	.00	.00	.00	.00
20-81-00-56130	2003 REF GO BONDS-PRINCIPAL	.00	.00	.00	.00	.00
20-81-00-56150	2006 REF GO BONDS-PRINCIPAL	.00	.00	.00	.00	.00
20-81-00-56240	2011 PROM NOTE-PRINCIPAL	.00	.00	.00	.00	.00
20-81-00-56250	2011 SHARED SAVINGS-PRINCIPAL	.00	.00	.00	.00	.00
20-81-00-56260	2014 PROM NOTE-PRINCIPAL	.00	.00	385,000.00	385,000.00	.00
20-81-00-56270	2017 GO LOAN-PRINCIPAL	175,000.00	175,000.00	700,000.00	525,000.00	25.00
20-81-00-56280	2021 GO LOAN 2021A-PRINCIPAL	150,000.00	150,000.00	150,000.00	.00	100.00
20-81-00-56290	2021 GO LOAN 2021B-PRINCIPAL	410,000.00	410,000.00	410,000.00	.00	100.00
20-81-00-56300	2022 GO LOAN 2022-PRINCIPAL	295,000.00	295,000.00	295,000.00	.00	100.00
20-81-00-56530	2003 REF GO BONDS-INTEREST	.00	.00	.00	.00	.00
20-81-00-56550	2006 REF GO BONDS-INTEREST	.00	.00	.00	.00	.00
20-81-00-56560	2011 PROM NOTE-INTEREST	.00	.00	.00	.00	.00
20-81-00-56570	2014 PROM NOTE-INTEREST	.00	.00	3,850.00	3,850.00	.00
20-81-00-56580	2017 GO LOAN-INTEREST	18,403.88	18,403.88	67,480.00	49,076.12	27.27
20-81-00-56590	2021 GO LOAN 2021A-INTEREST	8,800.00	8,800.00	17,375.00	8,575.00	50.65
20-81-00-56600	2021 GO LOAN 2021B-INTEREST	51,625.00	51,625.00	99,150.00	47,525.00	52.07
20-81-00-56640	2011 SHARED SAVINGS-INTEREST	.00	.00	.00	.00	.00
20-81-00-56700	2022 GO LOAN 2022-INTEREST	39,470.63	39,470.63	175,841.00	136,370.37	22.45
20-81-00-59500	TRANSFER TO GENERAL FUND	.00	.00	.00	.00	.00
Total DEBT SERVICE:		1,148,299.51	1,148,299.51	2,303,696.00	1,155,396.49	49.85
Total DEBT SERVICE:		1,149,452.59	1,149,452.59	4,607,392.00	3,457,939.41	24.95
DEBT SERVICE FUND Revenue Total:		1,153.08	1,153.08	2,303,696.00	2,302,542.92	.05
DEBT SERVICE FUND Expenditure Total:		1,148,299.51	1,148,299.51	2,303,696.00	1,155,396.49	49.85
Net Total DEBT SERVICE FUND:		1,147,146.43-	1,147,146.43-	.00	1,147,146.43	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
LAKEFRONT FUND						
LAKEFRONT FUND						
LAKEFRONT FUND						
40-00-00-48110	INTEREST INCOME	4,486.05	4,486.05	2,000.00	2,486.05-	224.30
40-00-00-49100	APPL. PRIOR YR APPROPRIATIONS	.00	.00	100,000.00	100,000.00	.00
Total LAKEFRONT FUND:		4,486.05	4,486.05	102,000.00	97,513.95	4.40
Total LAKEFRONT FUND:		4,486.05	4,486.05	102,000.00	97,513.95	4.40
BUOYS AND BOAT STALLS						
BUOYS AND BOAT STALLS						
40-52-10-46750	BUOY/BOAT STALL WAITING LIST	50.00	50.00	1,200.00	1,150.00	4.17
40-52-10-46755	KAYAK WAITING LIST	.00	10.00	125.00	115.00	8.00
40-52-10-46760	BUOY/STALL LATE FEES	.00	.00	600.00	600.00	.00
40-52-10-46770	BUOY & SLIP LEASES-CITY	3,239.82	30,734.61	218,065.00	187,330.39	14.09
40-52-10-46780	KAYAK RENTAL	.00	1,620.90	8,100.00	6,479.10	20.01
40-52-10-47250	DONATIONS - LAKEFRONT	.00	.00	.00	.00	.00
Total BUOYS AND BOAT STALLS:		3,289.82	32,415.51	228,090.00	195,674.49	14.21
BUOYS AND BOAT STALLS						
40-52-10-51100	HARBORMASTER SALARY	2,737.66	2,737.66	42,250.00	39,512.34	6.48
40-52-10-51105	HARBORMASTER OT	.00	.00	.00	.00	.00
40-52-10-51200	PIERS WAGES	.00	.00	.00	.00	.00
40-52-10-51340	HARBOR LIFE INSURANCE	.00	.00	.00	.00	.00
40-52-10-51345	HARBOR HEALTH INSURANCE	.00	.00	.00	.00	.00
40-52-10-51355	HARBOR VISION INSURANCE	.00	.00	.00	.00	.00
40-52-10-51360	HARBOR RETIREMENT EXP	.00	.00	.00	.00	.00
40-52-10-51520	HARBOR SOCIAL SECURITY	209.43	209.43	3,232.00	3,022.57	6.48
40-52-10-52110	PIER MAINTENANCE CONTRACT	.00	.00	44,664.00	44,664.00	.00
40-52-10-52640	BUOYS & BOAT STALLS-REPAIRS	.00	.00	62,250.00	62,250.00	.00
40-52-10-53140	LIABILITY & PROPERTY INSURANCE	.00	.00	2,000.00	2,000.00	.00
40-52-10-53510	EQUIP MAINT SUPP-BUOYS,STALLS	.00	.00	2,000.00	2,000.00	.00
40-52-10-53980	WEST PIER REPLACEMENT FUND	.00	.00	26,650.00	26,650.00	.00
40-52-10-53990	BUOY/STALL MISC. EXPENSES	.00	.00	2,500.00	2,500.00	.00
40-52-10-58000	PIER/SLIPS OUTLAY	.00	.00	.00	.00	.00
Total BUOYS AND BOAT STALLS:		2,947.09	2,947.09	185,546.00	182,598.91	1.59
BOAT LAUNCH						
40-52-11-46000	LAUNCH RAMP OVERAGE/SHORTAGE	.00	.00	.00	.00	.00
40-52-11-46750	LAUNCH PASS FEES	.00	.00	8,000.00	8,000.00	.00
40-52-11-46760	BOAT LAUNCH RAMP INCOME	.00	.00	20,000.00	20,000.00	.00
Total BOAT LAUNCH:		.00	.00	28,000.00	28,000.00	.00
BOAT LAUNCH						
40-52-11-51200	LAUNCH RAMP WAGES	.00	.00	19,727.00	19,727.00	.00
40-52-11-51520	LAUNCH RAMP SOC SEC	.00	.00	1,510.00	1,510.00	.00
40-52-11-52520	LAUNCH RAMP REPAIRS	.00	.00	2,500.00	2,500.00	.00
40-52-11-53520	LAUNCH RAMP MAINT SUPPLIES	.00	.00	500.00	500.00	.00
40-52-11-53620	LAUNCH RAMP MAINT SERVICE COS	.00	.00	.00	.00	.00
40-52-11-53990	LAUNCH RAMP MISCELLANEOUS	.00	.00	500.00	500.00	.00
40-52-11-58100	LAUNCH RAMP OUTLAY	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
Total BOAT LAUNCH:		.00	.00	24,737.00	24,737.00	.00
Total BUOYS AND BOAT STALLS:		6,236.91	35,362.60	466,373.00	431,010.40	7.58
BEACH						
BEACH						
40-54-10-43660	DNR LAKE PATROL GRANT	.00	.00	30,000.00	30,000.00	.00
40-54-10-46100	MISC BEACH REVENUE	.00	.00	.00	.00	.00
40-54-10-46730	BEACH REVENUE	.00	.00	583,000.00	583,000.00	.00
40-54-10-46735	BEACH REVENUE-VIPLY	.00	.00	29,700.00	29,700.00	.00
40-54-10-46740	BEACH PASS RESIDENTS	824.59	1,228.34	20,000.00	18,771.66	6.14
40-54-10-46750	BEACH PASS - SEASONAL	.00	.00	500.00	500.00	.00
Total BEACH:		824.59	1,228.34	663,200.00	661,971.66	.19
BEACH						
40-54-10-51200	BEACH MTCE WAGES	3,348.36	3,348.36	5,991.00	2,642.64	55.89
40-54-10-51250	BEACH MTCE OVERTIME WAGES	.00	.00	3,500.00	3,500.00	.00
40-54-10-51260	BEACH SEASONAL WAGES	.00	.00	80,446.00	80,446.00	.00
40-54-10-51340	BEACH MTCE LIFE INS	9.17	9.17	15.00	5.83	61.13
40-54-10-51345	BEACH MTCE HEALTH INSURANCE	997.32	997.32	1,859.00	861.68	53.65
40-54-10-51350	BEACH MTCE DENTAL INSURANCE	41.62	41.62	110.00	68.38	37.84
40-54-10-51355	BEACH MTCE VISION INSURANCE	.00	.00	5.00	5.00	.00
40-54-10-51360	BEACH MTCE RETIREMENT FUND	227.69	227.69	435.00	207.31	52.34
40-54-10-51370	BEACH MTCE DISABILITY INS	.00	.00	20.00	20.00	.00
40-54-10-51520	BEACH SOCIAL SECURITY	243.27	243.27	6,880.00	6,636.73	3.54
40-54-10-52210	BEACH TELEPHONE	.00	70.72	1,050.00	979.28	6.74
40-54-10-52220	BEACH ELECTRIC	.00	.00	5,000.00	5,000.00	.00
40-54-10-52640	LAKE SPRAYING	.00	.00	5,000.00	5,000.00	.00
40-54-10-53100	BEACH OFFICE SUPPLIES	.00	.00	3,500.00	3,500.00	.00
40-54-10-53130	WORKER'S COMPENSATION INS	.00	.00	5,700.00	5,700.00	.00
40-54-10-53140	LIABILITY & PROPERTY INSURANCE	.00	.00	10,500.00	10,500.00	.00
40-54-10-53400	CALE OPERATING AND CC EXP	.00	.00	22,000.00	22,000.00	.00
40-54-10-53520	BEACH MAINTENANCE SUPPLIES	.00	87.11	6,000.00	5,912.89	1.45
40-54-10-53620	BEACH MAINTENANCE SERVICE COS	.00	.00	1,500.00	1,500.00	.00
40-54-10-53720	BEACH DREDGING	.00	.00	100,000.00	100,000.00	.00
40-54-10-53990	BEACH MISCELLANEOUS	.00	.00	3,000.00	3,000.00	.00
40-54-10-57200	WATER SAFETY PATROL	.00	.00	39,790.00	39,790.00	.00
40-54-10-57210	GLAKE LAW ENFORCEMENT AGENCY	73,000.00	73,000.00	73,000.00	.00	100.00
40-54-10-57250	LAKE PRESERVATION	.00	.00	.00	.00	.00
40-54-10-57300	GLAKE ENVIRONMENTAL AGENCY	8,750.00	8,750.00	35,000.00	26,250.00	25.00
40-54-10-57350	GENEVA LAKE LEVEL CORP	.00	.00	4,400.00	4,400.00	.00
40-54-10-57400	LAKE USE COMMISSION	.00	.00	.00	.00	.00
40-54-10-57800	VENETIAN FESTIVAL FIREWORKS	.00	.00	10,000.00	10,000.00	.00
40-54-10-58000	OUTLAY - BEACH EQUIPMENT	.00	.00	7,500.00	7,500.00	.00
40-54-10-58100	OUTLAY-BLDG & GROUNDS	.00	.00	.00	.00	.00
Total BEACH:		86,617.43	86,775.26	432,201.00	345,425.74	20.08
Total BEACH:		87,442.02	88,003.60	1,095,401.00	1,007,397.40	8.03
UPPER RIVIERA						
UPPER RIVIERA						
40-55-10-46390	ONLINE CONVENIENCE FEES	.00	.00	.00	.00	.00
40-55-10-46740	UPPER RIVIERA REVENUE	193,818.23	194,928.94	290,000.00	95,071.06	67.22

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
40-55-10-46750	UPPER RIVIERA CATERING REV	840.00	1,240.00	30,000.00	28,760.00	4.13
40-55-10-46760	UPPER RIVIERA MISC REVENUE	.00	.00	500.00	500.00	.00
Total UPPER RIVIERA:		194,658.23	196,168.94	320,500.00	124,331.06	61.21
UPPER RIVIERA						
40-55-10-51200	RIVIERA MTCE WAGES	5,994.26	5,994.26	77,675.00	71,680.74	7.72
40-55-10-51250	RIVIERA MTCE OVERTIME	.00	.00	7,500.00	7,500.00	.00
40-55-10-51260	RIVIERA SECURITY WAGES	841.14	841.14	60,072.00	59,230.86	1.40
40-55-10-51270	RIVIERA EVENT STAFF WAGES	.00	.00	.00	.00	.00
40-55-10-51340	RIVIERA MTCE LIFE INSURANCE	4.38	4.38	70.00	65.62	6.26
40-55-10-51345	RIVIERA MTCE HEALTH INSURANCE	1,572.27	1,572.27	23,435.00	21,862.73	6.71
40-55-10-51350	RIVIERA MTCE DENTAL INSURANCE	89.47	89.47	1,320.00	1,230.53	6.78
40-55-10-51355	RIVIERA MTCE VISION INSURANCE	.00	.00	.00	.00	.00
40-55-10-51360	RIVIERA MTCE RETIREMENT FUND	407.58	407.58	4,532.00	4,124.42	8.99
40-55-10-51370	RIVIERA MTCE DISABILITY INS	14.74	14.74	180.00	165.26	8.19
40-55-10-51520	RIVIERA SOCIAL SECURITY	507.21	507.21	11,112.00	10,604.79	4.56
40-55-10-52160	PROF SERVICES - SOFTWARE	.00	.00	.00	.00	.00
40-55-10-52210	TELEPHONE EXPENSE	80.76	102.71	1,425.00	1,322.29	7.21
40-55-10-52240	UPPER RIVIERA GAS HEAT	476.65	476.65	5,500.00	5,023.35	8.67
40-55-10-52260	UPPER RIV WATER & SEWER BILLS	.00	.00	2,500.00	2,500.00	.00
40-55-10-52400	UPPER RIVIERA REPAIRS	.00	.00	3,100.00	3,100.00	.00
40-55-10-52410	DAMAGES-UPPER RIVIERA RENTALS	.00	.00	.00	.00	.00
40-55-10-53100	UPPER RIVIERA BROCHURES	.00	.00	.00	.00	.00
40-55-10-53120	POSTAGE EXPENSE	.00	.00	.00	.00	.00
40-55-10-53160	PUBLICATIONS & PROMOTIONS	.00	.00	7,500.00	7,500.00	.00
40-55-10-53500	BLDG MAINT SUPPLIES-UPPER RIV	79.98	217.18	4,000.00	3,782.82	5.43
40-55-10-53600	UPPER RIVIERA MAINTENANCE	.00	143.00	7,500.00	7,357.00	1.91
Total UPPER RIVIERA:		10,068.44	10,370.59	217,421.00	207,050.41	4.77
LOWER RIVIERA CONCOURSE						
40-55-20-46790	RIVIERA CONCOURSE ELECTRIC	.00	5,807.32	10,300.00	4,492.68	56.38
40-55-20-46900	RIVIERA ATM REVENUE	.00	.00	.00	.00	.00
40-55-20-48200	RIVIERA CONCOURSE LEASES	.00	.00	93,972.00	93,972.00	.00
40-55-20-48230	RIVIERA PROMOTIONAL REVENUE	.00	.00	3,000.00	3,000.00	.00
40-55-20-48250	DONATIONS-FOUNTAIN	.00	.00	1,350.00	1,350.00	.00
Total LOWER RIVIERA CONCOURSE:		.00	5,807.32	108,622.00	102,814.68	5.35
LOWER RIVIERA CONCOURSE						
40-55-20-51200	LAKEFRONT SECURITY PD WAGES	.00	.00	18,295.00	18,295.00	.00
40-55-20-51360	LAKEFRONT SECURITY PD RETIREM	.00	.00	.00	.00	.00
40-55-20-51520	LAKEFRONT SECURITY PD FICA	.00	.00	1,400.00	1,400.00	.00
40-55-20-52210	RIVIERA ELEVATOR PHONE EXPENSE	40.38	40.38	375.00	334.62	10.77
40-55-20-52260	LOWER RIV WATER & SEWER BILLS	.00	.00	5,500.00	5,500.00	.00
40-55-20-52400	LOWER RIVIERA REPAIRS	2,050.00	2,050.00	18,000.00	15,950.00	11.39
40-55-20-52410	DAMAGES-LOWER RIVIERA RENTALS	.00	.00	.00	.00	.00
40-55-20-53130	WORKERS COMP INSURANCE	.00	.00	2,075.00	2,075.00	.00
40-55-20-53140	LIABILITY & PROPERTY INSURANCE	.00	.00	9,450.00	9,450.00	.00
40-55-20-53500	BLDG MAINT SUPPLIES-LOWER RIV	892.80	892.80	8,000.00	7,107.20	11.16
40-55-20-53550	FOUNTAIN MAINT EXP	.00	.00	2,000.00	2,000.00	.00
40-55-20-53600	RIV MAINTENANCE SERVICE COSTS	1,891.59	1,891.59	7,500.00	5,608.41	25.22
40-55-20-53990	MISCELLANEOUS EXPENSES	.00	.00	1,000.00	1,000.00	.00
40-55-20-58000	OUTLAY - RIVIERA EQUIPMENT	.00	.00	5,000.00	5,000.00	.00
40-55-20-58250	LG BEAUTIFICATION EXPENSES	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
40-55-20-59300	TRANSFER TO GENERAL FUND	.00	.00	644,200.00	644,200.00	.00
40-55-20-59310	TRANSFER TO TID #4	.00	.00	.00	.00	.00
40-55-20-59350	TRANSFER TO CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total LOWER RIVIERA CONCOURSE:		4,874.77	4,874.77	722,795.00	717,920.23	.67
RIVIERA PIERS AND DOCKS						
40-55-30-46780	RIVIERA DOCKS MAINTENANCE	.00	.00	.00	.00	.00
40-55-30-48210	RIVIERA DOCKS LEASES	.00	.00	152,743.00	152,743.00	.00
40-55-30-48220	BUOY & SLIP LEASES-RIVIERA	.00	.00	109,545.00	109,545.00	.00
Total RIVIERA PIERS AND DOCKS:		.00	.00	262,288.00	262,288.00	.00
RIVIERA PIERS AND DOCKS						
40-55-30-52220	PIER ELECTRIC	.00	.00	35,000.00	35,000.00	.00
40-55-30-52640	PIER REPAIRS	.00	.00	20,000.00	20,000.00	.00
Total RIVIERA PIERS AND DOCKS:		.00	.00	55,000.00	55,000.00	.00
RIVIERA MISCELLANEOUS						
40-55-40-49000	TRANSFER FROM TOURISM-GRANT	.00	.00	.00	.00	.00
Total RIVIERA MISCELLANEOUS:		.00	.00	.00	.00	.00
RIVIERA MISCELLANEOUS						
40-55-40-53000	TOURISM GRANT FUNDS EXP	.00	.00	.00	.00	.00
Total RIVIERA MISCELLANEOUS:		.00	.00	.00	.00	.00
Total UPPER RIVIERA:		209,601.44	217,221.62	1,686,626.00	1,469,404.38	12.88
LAKEFRONT FUND Revenue Total:		203,258.69	240,106.16	1,712,700.00	1,472,593.84	14.02
LAKEFRONT FUND Expenditure Total:		104,507.73	104,967.71	1,637,700.00	1,532,732.29	6.41
Net Total LAKEFRONT FUND:		98,750.96	135,138.45	75,000.00	60,138.45-	180.18

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
PARKING FUND						
PARKING						
42-34-50-46100	PARKING MISC REVENUE	42.50	118.33	2,500.00	2,381.67	4.73
42-34-50-46320	PARKING TICKET PENALTIES	2,690.00	2,690.00	125,000.00	122,310.00	2.15
42-34-50-46330	PARKING STALL COLLECTIONS	81.19	81.19	2,406,000.00	2,405,918.81	.00
42-34-50-46340	PARKING STALL TICKETS	3,240.00	6,720.00	600,000.00	593,280.00	1.12
42-34-50-46350	PARKING TICKETS-COLL AGENCY	2,617.00	2,657.00	36,000.00	33,343.00	7.38
42-34-50-46360	PARKING STICKERS-WALCO,OVER 4	454.98	909.96	3,000.00	2,090.04	30.33
42-34-50-46370	PARKING LOT PERMITS	6,445.55	9,478.75	8,000.00	1,478.75-	118.48
42-34-50-46380	BUSINESS PARKING PASSES	47.40	71.10	1,000.00	928.90	7.11
42-34-50-46390	ONLINE CONVENIENCE FEES	.00	.00	.00	.00	.00
42-34-50-46400	RESERVED PARKING PERMITS/BAGS	3,080.56	3,080.56	7,000.00	3,919.44	44.01
42-34-50-46410	PARKING APP NET COLLECTIONS	.00	.00	845,000.00	845,000.00	.00
42-34-50-46900	MISC SALES	.00	.00	500.00	500.00	.00
42-34-50-48110	INTEREST INCOME	7,259.20	7,259.20	3,500.00	3,759.20-	207.41
42-34-50-49100	APPL OF PRIOR YR APPROPRIATION	.00	.00	160,000.00	160,000.00	.00
Total PARKING:		25,958.38	33,066.09	4,197,500.00	4,164,433.91	.79
PARKING						
42-34-50-51100	PARKING MANAGER SALARY	8,525.60	8,525.60	72,000.00	63,474.40	11.84
42-34-50-51160	PARKING WAGES-CLERK/DISPATCH	10,901.52	10,901.52	82,750.00	71,848.48	13.17
42-34-50-51200	PARKING PT WAGES	1,422.29	1,422.29	110,250.00	108,827.71	1.29
42-34-50-51340	PARKING LIFE INSURANCE	24.26	24.26	430.00	405.74	5.64
42-34-50-51345	PARKING HEALTH INSURANCE	5,788.85	5,788.85	55,390.00	49,601.15	10.45
42-34-50-51350	PARKING DENTAL INSURANCE	325.14	325.14	3,150.00	2,824.86	10.32
42-34-50-51355	PARKING VISION INSURANCE	14.32	14.32	205.00	190.68	6.99
42-34-50-51360	PARKING RETIREMENT FUND	1,381.14	1,381.14	12,000.00	10,618.86	11.51
42-34-50-51370	PARKING DISABILITY INS	55.34	55.34	530.00	474.66	10.44
42-34-50-51380	PARKING UNIFORMS	.00	.00	2,600.00	2,600.00	.00
42-34-50-51520	PARKING SOCIAL SECURITY	1,701.34	1,701.34	20,275.00	18,573.66	8.39
42-34-50-52160	CALE CC AND COLLEC FEES	2,207.78	2,207.78	85,000.00	82,792.22	2.60
42-34-50-52200	PARKING LOT PLANTING/MAINT	.00	.00	21,000.00	21,000.00	.00
42-34-50-52210	TELEPHONE EXPENSE	53.78	140.58	2,500.00	2,359.42	5.62
42-34-50-52500	KIOSK REPAIRS/SUPPLIES	.00	.00	15,000.00	15,000.00	.00
42-34-50-52650	POLICE DEPT SERVICES	.00	.00	.00	.00	.00
42-34-50-53100	OFFICE SUPPLIES	70.31	70.31	1,500.00	1,429.69	4.69
42-34-50-53120	POSTAGE EXPENSE	.00	.00	3,000.00	3,000.00	.00
42-34-50-53130	WORKERS COMPENSATION INSURAN	.00	.00	3,500.00	3,500.00	.00
42-34-50-53140	LIABILITY & PROPERTY INSURANCE	.00	.00	3,800.00	3,800.00	.00
42-34-50-53320	CONFERENCES/TRAINING	.00	24.72	1,500.00	1,475.28	1.65
42-34-50-53400	OPERATING SUPPLIES-ENFORCEME	.00	.00	15,000.00	15,000.00	.00
42-34-50-53410	VEHICLE SUPPLIES-FUEL	.00	.00	3,000.00	3,000.00	.00
42-34-50-53510	VEHICLE/EQUIPMENT MAINT	.00	.00	5,000.00	5,000.00	.00
42-34-50-53990	PARKING MISC EXPENSES	24.43	24.43	15,000.00	14,975.57	.16
42-34-50-54500	SUPPORT CONTRACTS	.00	8,232.00	115,000.00	106,768.00	7.16
42-34-50-58500	PARKING LOT REV SHARE	.00	.00	25,000.00	25,000.00	.00
42-34-50-58700	OUTLAY-PARKING	.00	.00	50,000.00	50,000.00	.00
42-34-50-59300	TRANSFER TO TIF	.00	.00	.00	.00	.00
42-34-50-59400	TRANSFER TO CAPITAL PROJECTS	.00	.00	15,000.00	15,000.00	.00
42-34-50-59500	TRANSFER TO GENERAL FUND	.00	.00	3,383,120.00	3,383,120.00	.00
42-34-50-59550	TRANSFER FROM RESERVE TO GF	.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
	Total PARKING:	32,496.10	40,839.62	4,122,500.00	4,081,660.38	.99
	Total PARKING:	58,454.48	73,905.71	8,320,000.00	8,246,094.29	.89
	PARKING FUND Revenue Total:	25,958.38	33,066.09	4,197,500.00	4,164,433.91	.79
	PARKING FUND Expenditure Total:	32,496.10	40,839.62	4,122,500.00	4,081,660.38	.99
	Net Total PARKING FUND:	6,537.72-	7,773.53-	75,000.00	82,773.53	10.36-

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
CAPITAL PROJECTS FUND						
CAPITAL PROJECTS FUND						
CAPITAL PROJECTS FUND						
43-00-00-43790	STATE AIDS-LRIP GRANTS	.00	.00	.00	.00	.00
43-00-00-48110	INTEREST EARNED	11,261.07	11,261.07	5,000.00	6,261.07-	225.22
43-00-00-48320	SALE OF CITY REAL ESTATE	.00	.00	.00	.00	.00
43-00-00-49000	PROCEEDS FROM BORROWING	.00	.00	.00	.00	.00
43-00-00-49050	PREMIUM ON DEBT ISSUANCE	.00	.00	.00	.00	.00
43-00-00-49100	APPL. PRIOR YR APPROPRIATIONS	.00	.00	.00	.00	.00
43-00-00-49500	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
43-00-00-49510	TRANSFER FROM LAKEFRONT FUND	.00	.00	.00	.00	.00
43-00-00-49520	TRANSFER FROM PARKING FUND	.00	.00	15,000.00	15,000.00	.00
43-00-00-49525	TRANSFER FROM TOURISM FUND	.00	.00	.00	.00	.00
43-00-00-49700	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
Total CAPITAL PROJECTS FUND:		11,261.07	11,261.07	20,000.00	8,738.93	56.31
CAPITAL PROJECTS FUND						
43-00-00-52160	DEBT ISSUANCE COSTS	.00	.00	.00	.00	.00
43-00-00-52175	PURCHASE OF HILLMOOR PROPERTY	.00	.00	.00	.00	.00
Total CAPITAL PROJECTS FUND:		.00	.00	.00	.00	.00
Total CAPITAL PROJECTS FUND:		11,261.07	11,261.07	20,000.00	8,738.93	56.31
CITY HALL CAPITAL PROJECTS						
CITY HALL CAPITAL PROJECTS						
43-16-10-17010	CITY HALL CAPITAL PROJECTS	14,457.75	14,457.75	119,000.00	104,542.25	12.15
Total CITY HALL CAPITAL PROJECTS:		14,457.75	14,457.75	119,000.00	104,542.25	12.15
Total CITY HALL CAPITAL PROJECTS:		14,457.75	14,457.75	119,000.00	104,542.25	12.15
PD CAPITAL PROJECTS						
PD CAPITAL PROJECTS						
43-21-00-17010	PD CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total PD CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total PD CAPITAL PROJECTS:		.00	.00	.00	.00	.00
FIRE DEPT CAPITAL PROJECTS						
FIRE DEPT CAPITAL PROJECTS						
43-22-00-17010	FD CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total FIRE DEPT CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total FIRE DEPT CAPITAL PROJECTS:		.00	.00	.00	.00	.00
DEPARTMENT: 29						
PROGRAM: 00						
43-29-00-17010	EMERG MGNT CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total PROGRAM: 00:		.00	.00	.00	.00	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
Total DEPARTMENT: 29:		.00	.00	.00	.00	.00
STREET IMPROVEMENT PROGRAM						
STREET IMPROVEMENT PROGRAM						
43-32-10-17010	2021/2022 STREET IMP PROGRAM	52,520.90-	51,108.95-	825,000.00	876,108.95	6.20-
43-32-10-17020	DPW CAPITAL PROJECTS	.00	.00	682,500.00	682,500.00	.00
Total STREET IMPROVEMENT PROGRAM:		52,520.90-	51,108.95-	1,507,500.00	1,558,608.95	3.39-
Total STREET IMPROVEMENT PROGRAM:		52,520.90-	51,108.95-	1,507,500.00	1,558,608.95	3.39-
DEPARTMENT: 40						
PROGRAM: 00						
43-40-00-17010	RIVIERA RENOVATION PHASE 1	.00	.00	.00	.00	.00
43-40-00-17012	RIVIERA RENOVATION 1ST FLOOR	.00	.00	.00	.00	.00
43-40-00-17014	RIVIERA RENOVATION 2ND FLOOR	.00	.00	.00	.00	.00
43-40-00-17015	LAKEFRONT CAPITAL PROJECTS	.00	.00	100,000.00	100,000.00	.00
Total PROGRAM: 00:		.00	.00	100,000.00	100,000.00	.00
Total DEPARTMENT: 40:		.00	.00	100,000.00	100,000.00	.00
DEPARTMENT: 48						
PROGRAM: 00						
43-48-00-17010	CEMETERY CAPITAL PROJECTS	.00	.00	12,000.00	12,000.00	.00
Total PROGRAM: 00:		.00	.00	12,000.00	12,000.00	.00
Total DEPARTMENT: 48:		.00	.00	12,000.00	12,000.00	.00
PARKS CAPITAL PROJECTS						
PARKS CAPITAL PROJECTS						
43-52-00-53000	PARKS AND REC CAPITAL PROJECTS	312.26	312.26	.00	312.26-	.00
43-52-00-53100	TAP GRANT CAPITAL PROJECTS	.00	.00	54,145.00	54,145.00	.00
Total PARKS CAPITAL PROJECTS:		312.26	312.26	54,145.00	53,832.74	.58
Total PARKS CAPITAL PROJECTS:		312.26	312.26	54,145.00	53,832.74	.58
DEPARTMENT: 99						
PROGRAM: 00						
43-99-00-17010	LIBRARY CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total PROGRAM: 00:		.00	.00	.00	.00	.00
Total DEPARTMENT: 99:		.00	.00	.00	.00	.00
CAPITAL PROJECTS FUND Revenue Total:		11,261.07	11,261.07	20,000.00	8,738.93	56.31
CAPITAL PROJECTS FUND Expenditure Total:		37,750.89-	36,338.94-	1,792,645.00	1,828,983.94	2.03-
Net Total CAPITAL PROJECTS FUND:		49,011.96	47,600.01	1,772,645.00-	1,820,245.01-	2.69-

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
CAPITAL PROJ. FUND-ARPA						
CAPITAL PROJ. FUND-ARPA						
CAPITAL PROJ. FUND-ARPA						
44-00-00-43695	FEDERAL AIDS-AMERICAN RESCUE	.00	.00	424,169.00	424,169.00	.00
44-00-00-43700	EMS FAP ARPA SUPPLEMENT	.00	.00	.00	.00	.00
44-00-00-48110	INTEREST EARNED	3,118.96	3,118.96	500.00	2,618.96-	623.79
44-00-00-49100	APPL. PRIOR YR APPROPRIATIONS	.00	.00	.00	.00	.00
Total CAPITAL PROJ. FUND-ARPA:		3,118.96	3,118.96	424,669.00	421,550.04	.73
Total CAPITAL PROJ. FUND-ARPA:		3,118.96	3,118.96	424,669.00	421,550.04	.73
CITY HALL CAPITAL PROJECTS						
CITY HALL CAPITAL PROJECTS						
44-16-10-53000	CITY HALL CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total CITY HALL CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total CITY HALL CAPITAL PROJECTS:		.00	.00	.00	.00	.00
PD CAPITAL PROJECTS						
PD CAPITAL PROJECTS						
44-21-00-53000	PD CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total PD CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total PD CAPITAL PROJECTS:		.00	.00	.00	.00	.00
FIRE DEPT CAPITAL PROJECTS						
FIRE DEPT CAPITAL PROJECTS						
44-22-00-53000	FD CAPITAL PROJECTS	.00	.00	.00	.00	.00
44-22-00-53010	EMS FAP-ARPA SUPPLEMENT	.00	.00	.00	.00	.00
Total FIRE DEPT CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total FIRE DEPT CAPITAL PROJECTS:		.00	.00	.00	.00	.00
DEPARTMENT: 29						
PROGRAM: 00						
44-29-00-53000	EMERG MGNT CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total PROGRAM: 00:		.00	.00	.00	.00	.00
Total DEPARTMENT: 29:		.00	.00	.00	.00	.00
DPW CAPITAL PROJECTS						
DPW CAPITAL PROJECTS						
44-32-10-53000	DPW CAPITAL PROJECTS	.00	.00	.00	.00	.00
Total DPW CAPITAL PROJECTS:		.00	.00	.00	.00	.00
Total DPW CAPITAL PROJECTS:		.00	.00	.00	.00	.00
PARKS CAPITAL PROJECTS						

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
PARKS CAPITAL PROJECTS						
44-52-00-53000	PARKS AND REC CAPITAL PROJECTS	.00	.00	.00	.00	.00
	Total PARKS CAPITAL PROJECTS:	.00	.00	.00	.00	.00
	Total PARKS CAPITAL PROJECTS:	.00	.00	.00	.00	.00
SEWER UTILITY CAPITAL PROJECTS						
SEWER UTILITY CAPITAL PROJECTS						
44-61-00-53000	SEWER UTILITY CAPITAL PROJECTS	.00	.00	.00	.00	.00
	Total SEWER UTILITY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
	Total SEWER UTILITY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
WATER UTILITY CAPITAL PROJECTS						
WATER UTILITY CAPITAL PROJECTS						
44-62-00-53000	WATER UTILITY CAPITAL PROJECTS	.00	.00	.00	.00	.00
	Total WATER UTILITY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
	Total WATER UTILITY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
LIBRARY CAPITAL PROJECTS						
LIBRARY CAPITAL PROJECTS						
44-99-00-53000	LIBRARY CAPITAL PROJECTS	.00	.00	.00	.00	.00
	Total LIBRARY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
	Total LIBRARY CAPITAL PROJECTS:	.00	.00	.00	.00	.00
	CAPITAL PROJ. FUND-ARPA Revenue Total:	3,118.96	3,118.96	424,669.00	421,550.04	.73
	CAPITAL PROJ. FUND-ARPA Expenditure Total:	.00	.00	.00	.00	.00
	Net Total CAPITAL PROJ. FUND-ARPA:	3,118.96	3,118.96	424,669.00	421,550.04	.73

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
IMPACT FEES FUND						
IMPACT FEES FUND						
IMPACT FEES FUND						
45-00-00-44220	FIRE IMPACT FEES	.00	.00	.00	.00	.00
45-00-00-44520	PARK IMPACT FEES	.00	230.00	23,000.00	22,770.00	1.00
45-00-00-44550	LIBRARY IMPACT FEES	.00	.00	.00	.00	.00
45-00-00-47300	PARK FUND DONATIONS	.00	.00	.00	.00	.00
45-00-00-48110	INTEREST EARNED	435.27	435.27	250.00	185.27-	174.11
45-00-00-49100	APPLICATION OF PRIOR YEARS	.00	.00	.00	.00	.00
45-00-00-49400	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
Total IMPACT FEES FUND:		435.27	665.27	23,250.00	22,584.73	2.86
IMPACT FEES FUND						
45-00-00-59610	PARK IMPACT EXPENDITURES	.00	.00	23,100.00	23,100.00	.00
Total IMPACT FEES FUND:		.00	.00	23,100.00	23,100.00	.00
Total IMPACT FEES FUND:		435.27	665.27	46,350.00	45,684.73	1.44
DEPARTMENT: 22						
PROGRAM: 00						
45-22-00-51360	RETIREMENT EXPENSE	.00	.00	.00	.00	.00
45-22-00-51520	SOCIAL SECURITY EXP	.00	.00	.00	.00	.00
45-22-00-59620	FIRE IMPACT EXPENDITURES	.00	.00	.00	.00	.00
45-22-00-90550	REMODEL STATION #1 (CON'T.)	.00	.00	.00	.00	.00
Total PROGRAM: 00:		.00	.00	.00	.00	.00
Total DEPARTMENT: 22:		.00	.00	.00	.00	.00
DEPARTMENT: 99						
PROGRAM: 00						
45-99-00-59600	LIBRARY IMPACT EXPENDITURES	.00	.00	.00	.00	.00
Total PROGRAM: 00:		.00	.00	.00	.00	.00
Total DEPARTMENT: 99:		.00	.00	.00	.00	.00
IMPACT FEES FUND Revenue Total:		435.27	665.27	23,250.00	22,584.73	2.86
IMPACT FEES FUND Expenditure Total:		.00	.00	23,100.00	23,100.00	.00
Net Total IMPACT FEES FUND:		435.27	665.27	150.00	515.27-	443.51

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
TOURISM						
TOURISM						
TOURISM						
47-00-00-41210	ROOM TAX	.00	.00	1,100,000.00	1,100,000.00	.00
47-00-00-46100	TOURISM MISC REVENUE	.00	.00	.00	.00	.00
47-00-00-48110	INTEREST INCOME	2,677.21	2,677.21	1,000.00	1,677.21-	267.72
47-00-00-49100	APPL. PRIOR YR APPROPRIATIONS	.00	.00	.00	.00	.00
47-00-00-49350	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
Total TOURISM:		2,677.21	2,677.21	1,101,000.00	1,098,322.79	.24
TOURISM						
47-00-00-57100	HOTEL/MOTEL ASSN-CHAM OF COM	37,500.00	37,500.00	540,000.00	502,500.00	6.94
47-00-00-57210	EVENTS COORDINATOR	2,666.00	2,666.00	32,650.00	29,984.00	8.17
47-00-00-57212	EVENTS COORDINATOR-RIVIERA	2,666.00	2,666.00	32,650.00	29,984.00	8.17
Total TOURISM:		42,832.00	42,832.00	605,300.00	562,468.00	7.08
Total TOURISM:		45,509.21	45,509.21	1,706,300.00	1,660,790.79	2.67
DEPARTMENT: 70						
PROGRAM: 00						
47-70-00-57150	PROMOTIONAL GRANT	.00	9,714.44	150,000.00	140,285.56	6.48
47-70-00-57155	TOURISM MUNICIPAL DEVELOPMENT	119.98	188.66	50,000.00	49,811.34	.38
47-70-00-59400	TRANSFER TO CAPITAL PROJECTS	.00	.00	.00	.00	.00
47-70-00-59500	TRANSFER TO LAKEFRONT FUND	.00	.00	.00	.00	.00
47-70-00-59600	TRANSFER TO DEBT SERVICE FUND	.00	.00	167,375.00	167,375.00	.00
Total PROGRAM: 00:		119.98	9,903.10	367,375.00	357,471.90	2.70
Total DEPARTMENT: 70:		119.98	9,903.10	367,375.00	357,471.90	2.70
TOURISM Revenue Total:		2,677.21	2,677.21	1,101,000.00	1,098,322.79	.24
TOURISM Expenditure Total:		42,951.98	52,735.10	972,675.00	919,939.90	5.42
Net Total TOURISM:		40,274.77-	50,057.89-	128,325.00	178,382.89	39.01-

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
CEMETERY FUND						
CEMETERY FUND						
CEMETERY FUND						
48-00-00-41110	PROPERTY TAX LEVY	.00	.00	168,000.00	168,000.00	.00
48-00-00-46100	MISC REVENUE	.00	.00	3,500.00	3,500.00	.00
48-00-00-46540	SALE OF GRAVES/NICHES	200.00	1,175.00	23,000.00	21,825.00	5.11
48-00-00-46550	FOUNDATIONS/STAKE-OUTS	50.00	50.00	700.00	650.00	7.14
48-00-00-46560	BURIAL INTERNMENTS	2,000.00	2,000.00	26,000.00	24,000.00	7.69
48-00-00-48110	INVESTMENT INCOME	526.65	526.65	1,600.00	1,073.35	32.92
48-00-00-49100	APPL OF PRIOR YEARS APPROP	.00	.00	41,000.00	41,000.00	.00
48-00-00-49200	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
48-00-00-49400	TRANSFER FROM PERPETUAL CARE	1,014.83	1,014.83	13,000.00	11,985.17	7.81
Total CEMETERY FUND:		3,791.48	4,766.48	276,800.00	272,033.52	1.72
CEMETERY FUND						
48-00-00-51200	CEM WAGES	14,352.09	14,352.09	119,361.00	105,008.91	12.02
48-00-00-51250	CEM OVERTIME	.00	.00	3,725.00	3,725.00	.00
48-00-00-51260	CEM SEASONAL LABOR	417.96	417.96	18,000.00	17,582.04	2.32
48-00-00-51270	CEM ADMIN ASSISTANT	2,860.87	2,860.87	25,930.00	23,069.13	11.03
48-00-00-51340	CEM LIFE INSURANCE EXP	27.35	27.35	350.00	322.65	7.81
48-00-00-51345	CEM HEALTH INSURANCE	1,015.52	1,015.52	12,187.00	11,171.48	8.33
48-00-00-51350	CEM DENTAL INSURANCE	35.00	35.00	420.00	385.00	8.33
48-00-00-51355	CEM VISION INSURANCE	2.85	2.85	35.00	32.15	8.14
48-00-00-51360	CEM RETIREMENT EXPENSE	1,252.10	1,252.10	9,945.00	8,692.90	12.59
48-00-00-51370	CEM DISABILITY EXP	35.31	35.31	430.00	394.69	8.21
48-00-00-51380	CEM UNIFORM ALLOWANCE	1,200.00	1,200.00	1,200.00	.00	100.00
48-00-00-51520	CEM FICA EXPENSE	1,430.79	1,430.79	12,650.00	11,219.21	11.31
48-00-00-52160	CEM PROFESSIONAL SERVICES	.00	.00	.00	.00	.00
48-00-00-52210	CEM TELEPHONE EXP	40.38	62.33	1,350.00	1,287.67	4.62
48-00-00-52220	CEM ELECTRICITY EXP	.00	307.39	2,000.00	1,692.61	15.37
48-00-00-52240	CEM GAS HEAT EXP	227.68	227.68	1,200.00	972.32	18.97
48-00-00-52260	CEM WATER/SEWER EXP	220.00	440.00	3,500.00	3,060.00	12.57
48-00-00-52400	CEM BUILDING REPAIRS	.00	.00	3,000.00	3,000.00	.00
48-00-00-52500	CEM EQUIP MAINT/REPAIRS	.00	.00	3,300.00	3,300.00	.00
48-00-00-53100	CEM OFFICE SUPPLIES	.00	.00	117.00	117.00	.00
48-00-00-53120	CEM POSTAGE EXP	.00	.00	.00	.00	.00
48-00-00-53130	CEM WORKERS COMP INS	.00	.00	4,000.00	4,000.00	.00
48-00-00-53140	CEM LIABILITY/PROPERTY INS	.00	.00	2,350.00	2,350.00	.00
48-00-00-53200	CEM MEMBERSHIP DUES	168.00	168.00	200.00	32.00	84.00
48-00-00-53320	CEM CONFERENCE	.00	.00	1,000.00	1,000.00	.00
48-00-00-53400	CEM OPERATING SUPPLIES	35.00	35.00	1,900.00	1,865.00	1.84
48-00-00-53410	CEM FUEL EXPENSE	.00	.00	6,000.00	6,000.00	.00
48-00-00-53500	CEM BLDG MAINT SUPPLIES	.00	.00	500.00	500.00	.00
48-00-00-53510	CEM VEHICLE MAINT/REPAIR	.00	139.90	3,000.00	2,860.10	4.66
48-00-00-53600	CEM MAINT SERVICE EXP	60.00	60.00	1,800.00	1,740.00	3.33
48-00-00-53620	CEM GROUNDS/LANDSCAPING	300.00	300.00	5,000.00	4,700.00	6.00
48-00-00-53990	CEM MISC EXP	.00	.00	350.00	350.00	.00
48-00-00-54200	CEM GRAVES/FOUNDATIONS	10,912.30	10,912.30	15,000.00	4,087.70	72.75
48-00-00-54300	CEM COLUMBARIUM EXPENSES	.00	.00	2,000.00	2,000.00	.00
48-00-00-58100	CEM EQUIPMENT OUTLAY	.00	.00	15,000.00	15,000.00	.00
Total CEMETERY FUND:		34,593.20	35,282.44	276,800.00	241,517.56	12.75

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
	Total CEMETERY FUND:	38,384.68	40,048.92	553,600.00	513,551.08	7.23
	CEMETERY FUND Revenue Total:	3,791.48	4,766.48	276,800.00	272,033.52	1.72
	CEMETERY FUND Expenditure Total:	34,593.20	35,282.44	276,800.00	241,517.56	12.75
	Net Total CEMETERY FUND:	30,801.72-	30,515.96-	.00	30,515.96	.00

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
EQUIPMENT REPLACEMENT FUND						
EQUIPMENT REPLACEMENT FUND						
EQUIPMENT REPLACEMENT FUND						
50-00-00-41110	PROPERTY TAX LEVY	.00	.00	600,000.00	600,000.00	.00
50-00-00-48110	INTEREST EARNED	9,198.70	9,198.70	2,500.00	6,698.70-	367.95
50-00-00-48300	SALE OF MISC EQUIPMENT	.00	.00	.00	.00	.00
50-00-00-49100	APPL. PRIOR YR APPROPRIATIONS	.00	.00	45,000.00	45,000.00	.00
50-00-00-49400	TRANSFER FROM GENERAL FUND	.00	.00	.00	.00	.00
Total EQUIPMENT REPLACEMENT FUND:		9,198.70	9,198.70	647,500.00	638,301.30	1.42
EQUIPMENT REPLACEMENT FUND						
50-00-00-58000	MISC/COMP EQUIP PURCHASES	.00	.00	134,800.00	134,800.00	.00
Total EQUIPMENT REPLACEMENT FUND:		.00	.00	134,800.00	134,800.00	.00
Total EQUIPMENT REPLACEMENT FUND:		9,198.70	9,198.70	782,300.00	773,101.30	1.18
POLICE DEPARTMENT						
POLICE DEPARTMENT						
50-21-00-48300	SALE OF POLICE EQUIPMENT	.00	.00	16,000.00	16,000.00	.00
Total POLICE DEPARTMENT:		.00	.00	16,000.00	16,000.00	.00
POLICE DEPARTMENT						
50-21-00-58000	POLICE EQUIPMENT PURCHASES	13,725.95	13,725.95	203,327.00	189,601.05	6.75
Total POLICE DEPARTMENT:		13,725.95	13,725.95	203,327.00	189,601.05	6.75
Total POLICE DEPARTMENT:		13,725.95	13,725.95	219,327.00	205,601.05	6.26
FIRE DEPARTMENT						
FIRE DEPARTMENT						
50-22-00-48300	SALE OF FIRE EQUIPMENT	.00	.00	.00	.00	.00
50-22-00-49100	APPL PRIOR YR APPROPRIATIONS	.00	.00	.00	.00	.00
Total FIRE DEPARTMENT:		.00	.00	.00	.00	.00
FIRE DEPARTMENT						
50-22-00-58000	FIRE EQUIPMENT PURCHASES	.00	.00	556,381.00	556,381.00	.00
Total FIRE DEPARTMENT:		.00	.00	556,381.00	556,381.00	.00
Total FIRE DEPARTMENT:		.00	.00	556,381.00	556,381.00	.00
EMERGENCY MANAGEMENT						
EMERGENCY MANAGEMENT						
50-29-00-58000	EMERG MGMT EQUIPMENT PURCHA	.00	.00	.00	.00	.00
Total EMERGENCY MANAGEMENT:		.00	.00	.00	.00	.00
Total EMERGENCY MANAGEMENT:		.00	.00	.00	.00	.00

DPW

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
DPW						
50-32-00-48300	SALE OF DPW EQUIPMENT	.00	.00	.00	.00	.00
50-32-00-49100	APPL PRIOR YR APPROPRIATIONS	.00	.00	.00	.00	.00
Total DPW:		.00	.00	.00	.00	.00
DPW						
50-32-00-58000	DPW EQUIPMENT PURCHASES	.00	.00	412,000.00	412,000.00	.00
Total DPW:		.00	.00	412,000.00	412,000.00	.00
Total DPW:		.00	.00	412,000.00	412,000.00	.00
CEMETERY						
CEMETERY						
50-48-00-48300	SALE OF CEMETERY EQUIPMENT	.00	.00	.00	.00	.00
Total CEMETERY:		.00	.00	.00	.00	.00
CEMETERY						
50-48-00-58000	CEMETERY EQUIPMENT REPLACEME	.00	.00	.00	.00	.00
Total CEMETERY:		.00	.00	.00	.00	.00
Total CEMETERY:		.00	.00	.00	.00	.00
DEPARTMENT: 51						
PROGRAM: 00						
50-51-00-58000	MUSEUM EQUIPMENT REPLACEMEN	.00	.00	20,000.00	20,000.00	.00
Total PROGRAM: 00:		.00	.00	20,000.00	20,000.00	.00
Total DEPARTMENT: 51:		.00	.00	20,000.00	20,000.00	.00
EQUIPMENT REPLACEMENT FUND Revenue Total:		9,198.70	9,198.70	663,500.00	654,301.30	1.39
EQUIPMENT REPLACEMENT FUND Expenditure Total:		13,725.95	13,725.95	1,326,508.00	1,312,782.05	1.03
Net Total EQUIPMENT REPLACEMENT FUND:		4,527.25-	4,527.25-	663,008.00-	658,480.75-	.68

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
LIBRARY						
LIBRARY						
LIBRARY						
99-00-00-41110	PROPERTY TAX LEVY	.00	.00	517,000.00	517,000.00	.00
99-00-00-43540	GRANTS	.00	.00	.00	.00	.00
99-00-00-45120	LIBRARY FINES AND FEES	150.48	160.47	3,500.00	3,339.53	4.58
99-00-00-45150	COPIES,PRINTS,FAXES	328.06	367.97	1,500.00	1,132.03	24.53
99-00-00-46000	CASH DRAWER OVERAGES/UNDERA	.00	.00	.00	.00	.00
99-00-00-46210	LIBRARY MISC REVENUE	.00	.00	.00	.00	.00
99-00-00-47310	KENOSHA COUNTY REVENUES	.00	.00	8,493.00	8,493.00	.00
99-00-00-47320	RACINE COUNTY REVENUES	.00	.00	3,778.00	3,778.00	.00
99-00-00-47330	WALWORTH COUNTY REVENUES	.00	.00	260,152.00	260,152.00	.00
99-00-00-47340	WAUKESHA COUNTY REVENUES	.00	.00	48.00	48.00	.00
99-00-00-47350	ROCK COUNTY (ARROWHEAD) REV	.00	.00	.00	.00	.00
99-00-00-47360	JEFFERSON COUNTY REVENUES	.00	.00	.00	.00	.00
99-00-00-48110	INTEREST EARNED	.02	.02	.00	.02-	.00
99-00-00-48120	DIVIDEND INCOME	.00	.00	.00	.00	.00
99-00-00-48140	PORTFOLIO GAINS/LOSSES	.00	.00	.00	.00	.00
99-00-00-48190	DISCOUNTS EARNED	.00	.00	.00	.00	.00
99-00-00-48400	INSURANCE REIMBURSEMENTS	.00	.00	.00	.00	.00
99-00-00-48920	DONATIONS	.00	.00	.00	.00	.00
99-00-00-49000	PROCEEDS FROM BORROWING	.00	.00	.00	.00	.00
99-00-00-49100	APPL OF PR YR APPROPRIATIONS	.00	.00	.00	.00	.00
99-00-00-49500	TRANSFER FROM GENERAL FUND	.00	.00	178,115.00	178,115.00	.00
Total LIBRARY:		478.56	528.46	972,586.00	972,057.54	.05
LIBRARY						
99-00-00-51100	LIBRARY FT SALARIES	57,331.20	57,331.20	502,515.00	445,183.80	11.41
99-00-00-51200	LIBRARY PT WAGES	.00	.00	.00	.00	.00
99-00-00-51340	LIBRARY LIFE INSURANCE	70.85	70.85	860.00	789.15	8.24
99-00-00-51345	LIBRARY HEALTH INSURANCE	9,672.42	9,672.42	131,050.00	121,377.58	7.38
99-00-00-51350	LIBRARY DENTAL INSURANCE	505.00	505.00	3,840.00	3,335.00	13.15
99-00-00-51355	LIBRARY VISION INSURANCE	26.05	26.05	210.00	183.95	12.40
99-00-00-51360	LIBRARY RETIREMENT	3,898.51	3,898.51	33,919.00	30,020.49	11.49
99-00-00-51370	LIBRARY DISABILITY PREMIUMS	117.62	117.62	1,550.00	1,432.38	7.59
99-00-00-51520	LIBRARY SOCIAL SECURITY	4,296.49	4,296.49	38,442.00	34,145.51	11.18
99-00-00-52110	GENERAL ADMIN EXPENSES	.00	331.31	3,000.00	2,668.69	11.04
99-00-00-52160	PROFESSIONAL SERVICES	.00	.00	.00	.00	.00
99-00-00-52210	LIBRARY TELEPHONE EXP	242.24	242.24	2,600.00	2,357.76	9.32
99-00-00-52220	LIBRARY UTILITIES	1,309.84	1,309.84	18,000.00	16,690.16	7.28
99-00-00-52500	LIBRARY BLDG REPAIR	.00	.00	7,000.00	7,000.00	.00
99-00-00-53100	LIBRARY OFFICE SUPPLIES	.00	.00	2,500.00	2,500.00	.00
99-00-00-53120	LIBRARY POSTAGE	.00	.00	1,000.00	1,000.00	.00
99-00-00-53130	WORKERS COMP INSURANCE	.00	.00	1,500.00	1,500.00	.00
99-00-00-53140	LIABILITY & PROPERTY INSURANCE	.00	.00	10,100.00	10,100.00	.00
99-00-00-53320	STAFF CONTINUING EDUCATION	340.00-	340.00-	7,500.00	7,840.00	4.53-
99-00-00-53500	LIBRARY MAINT SUPPLIES	7.19	7.19	3,000.00	2,992.81	.24
99-00-00-53600	LIBRARY BLDG MAINT SERVICES	.00	2,543.00	33,000.00	30,457.00	7.71
99-00-00-53990	LIBRARY MISCELLANEOUS	.00	.00	.00	.00	.00
99-00-00-54100	LIBRARY ADULT MATERIALS	.00	2,051.53	35,000.00	32,948.47	5.86
99-00-00-54110	LIBRARY YOUTH MATERIALS	.00	1,139.13	35,000.00	33,860.87	3.25
99-00-00-54120	LIBRARY MAGAZINES & NEWSPAPER	.00	.00	7,000.00	7,000.00	.00
99-00-00-54130	LIBRARY REFERENCE MATERIALS	.00	.00	.00	.00	.00
99-00-00-54140	LIBRARY NONPRINT MATERIALS	.00	683.24	35,000.00	34,316.76	1.95

Account Number	Account Title	2023-23 Current Month Actual	2023-23 Current Year Actual	2023 Current Year Budget	2023 Current Year Variance	2023 Current Year % of Budget
99-00-00-54150	LIBRARY PROGRAMS	375.00	533.45	10,000.00	9,466.55	5.33
99-00-00-54155	LIBRARY MARKETING	137.53-	193.53-	1,000.00	1,193.53	19.35-
99-00-00-54160	USE OF DONATED FUNDS	.00	.00	.00	.00	.00
99-00-00-54170	USE OF GRANT FUNDS	.00	.00	.00	.00	.00
99-00-00-55000	COVID-19 EXPENDITURES	.00	.00	.00	.00	.00
99-00-00-55100	LIBRARY SIRSI	.00	.00	25,000.00	25,000.00	.00
99-00-00-55110	LIBRARY CIRCULATION SUPPLIES	.00	628.97	2,500.00	1,871.03	25.16
99-00-00-55120	LIBRARY PROCESSING SUPPLIES	238.87	238.87	4,000.00	3,761.13	5.97
99-00-00-55140	LIBRARY COMPUTER HARDWARE	.00	2,841.88-	8,000.00	10,841.88	35.52-
99-00-00-55150	LIBRARY COMPUTER SOFTWARE	.00	.00	1,000.00	1,000.00	.00
99-00-00-55160	LIBRARY IT CONSULTING SERVICES	.00	.00	1,000.00	1,000.00	.00
99-00-00-55320	LIBRARY EQUIP LEASES & MAINT	.00	.00	6,500.00	6,500.00	.00
99-00-00-56230	SHARED SAVINGS PRINCIPAL PYMT	.00	.00	.00	.00	.00
99-00-00-56630	SHARED SAVINGS INTEREST PYMT	.00	.00	.00	.00	.00
99-00-00-57800	LIBRARY CONTINGENCY	.00	.00	.00	.00	.00
99-00-00-59000	LGIP #9 EXPENDITURES	.00	.00	.00	.00	.00
Total LIBRARY:		77,613.75	82,251.50	972,586.00	890,334.50	8.46
Total LIBRARY:		78,092.31	82,779.96	1,945,172.00	1,862,392.04	4.26
LIBRARY Revenue Total:		478.56	528.46	972,586.00	972,057.54	.05
LIBRARY Expenditure Total:		77,613.75	82,251.50	972,586.00	890,334.50	8.46
Net Total LIBRARY:		77,135.19-	81,723.04-	.00	81,723.04	.00
Net Grand Totals:		210,745.15-	266,475.32-	1,657,487.00-	1,391,011.68-	16.08

**City of Lake Geneva
Finance, License, & Regulation Committee
March 7, 2023**

**Prepaid Checks
02/23/23-03/07/23**

**Total:
\$105,115.44**

Checks over \$5,000:

\$	5,513.37	<i>Library Furniture International</i>
\$	5,332.00	<i>Heather Jones-Riviera Event Coordinator</i>
\$	58,851.07	<i>Walworth County Treasurer-Hilmoor Property Real Estate Taxes</i>
\$	8,508.27	<i>WE Energies</i>
\$	6,862.35	<i>Amazon Capital Services</i>

Report Criteria:

Report type: Summary

Check.Type = {<>} "Adjustment"

Bank.Bank account = "043230"

[Report].Invoice GL Account = {<>} 61

[Report].Invoice GL Account = {<>} 62

Invoice.Batch = "02202023","02172023","L12312022B","L12312022C","02242023","12312022N","02272023","03012023"

Check Issue Date	Check Number	Vendor Number	Payee	Amount
02/17/2023	81754	5428	CITY OF LAKE GENEVA POLICE DEPT	63.16
02/20/2023	81755	2108	AT&T LONG DISTANCE	235.22
02/20/2023	81756	2109	AT&T MOBILITY	678.99
02/20/2023	81757	6263	CHARTER COMMUNICATIONS	119.98
02/20/2023	81758	6129	DE LAGE LANDEN FINANCIAL SERVICES INC	231.69
02/20/2023	81759	6747	GALLIMORE, TINA TAMARA	239.40
02/20/2023	81760	6354	LIBRARY FURNITURE INTERNATIONAL	5,513.37
02/20/2023	81761	3038	NELSON, BRANDI	35.55
02/20/2023	81762	6748	TOWN OF RANDALL MUNICIPAL COURT	86.00
02/20/2023	81763	105	WALWORTH COUNTY CIRCUIT COURT	413.60
02/21/2023	81843	6535	GORDON FLESCH CO INC	1,982.48
02/24/2023	81852	2104	AT&T	1,681.09
02/24/2023	81853	6524	JONES, HEATHER	5,332.00
02/24/2023	81854	4944	TRACTOR SUPPLY CREDIT PLAN	4,447.96
02/24/2023	81855	5036	WALWORTH COUNTY	58,851.07
02/24/2023	81856	5071	WE ENERGIES	8,508.27
02/27/2023	81857	6160	AMAZON CAPITAL SERVICES	6,862.35
02/27/2023	81858	6678	ALL PRO CLEANING SYSTEMS	1,897.00
03/01/2023	81859	2046	ALLIANT ENERGY	292.59
03/01/2023	81860	2104	AT&T	1,802.38
03/01/2023	81861	6758	BRATTER, ELIZABETH	632.37
03/01/2023	81862	4838	BRUNK INDUSTRIES	855.81
03/01/2023	81863	6263	CHARTER COMMUNICATIONS	579.95
03/01/2023	81864	6754	DUST BUNNY BOOKS	331.50
03/01/2023	81865	2670	HOME DEPOT	1,118.30
03/01/2023	81866	6756	PILMAN, BREZZY	15.00
03/01/2023	81867	6760	RADCLIFFE, ANDREA	727.87
03/01/2023	81868	3232	RHYME BUSINESS PRODUCTS	32.00
03/01/2023	81869	3233	RHYME BUSINESS PRODUCTS	114.58
03/01/2023	81870	6759	SCHWARTZ, LAURA	478.75
03/01/2023	81871	5278	SPRINGHORN, KARL	150.00
03/01/2023	81872	4975	US CELLULAR	690.16
03/01/2023	81873	6755	ZMUDZINSKI, ELIZABETH	15.00
03/01/2023	81874	6556	LESTER, LUCINDA	100.00
Grand Totals:				105,115.44

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
11-00-00-21100	.00	23,612.17-	23,612.17-
11-12-00-22220	239.40	.00	239.40

M = Manual Check, V = Void Check

GL Account	Debit	Credit	Proof
11-12-00-24280	499.60	.00	499.60
11-12-00-52210	102.12	.00	102.12
11-12-00-53100	80.75	.00	80.75
11-12-00-53610	32.00	.00	32.00
11-14-30-53100	262.18	.00	262.18
11-15-10-53100	282.15	.00	282.15
11-15-10-53990	45.80	.00	45.80
11-16-10-52210	1,359.53	.00	1,359.53
11-16-10-52240	2,456.30	.00	2,456.30
11-16-10-53500	84.91	.00	84.91
11-21-00-52210	1,455.22	.00	1,455.22
11-21-00-53120	63.16	.00	63.16
11-21-00-53310	215.55	.00	215.55
11-21-00-53990	24.70	.00	24.70
11-22-00-52210	1,431.14	.00	1,431.14
11-22-00-52240	1,368.36	.00	1,368.36
11-22-00-53400	231.69	.00	231.69
11-22-00-53990	3,098.41	.00	3,098.41
11-24-00-52620	38.00	.00	38.00
11-24-00-53100	114.58	.00	114.58
11-32-10-52210	562.55	.00	562.55
11-32-10-52240	2,606.15	.00	2,606.15
11-32-10-52400	17.10	.00	17.10
11-32-10-52500	4,474.88	.00	4,474.88
11-32-10-53400	557.84	.00	557.84
11-32-10-53500	77.97	.00	77.97
11-32-10-53510	27.77	.00	27.77
11-32-13-54300	266.36	.00	266.36
11-51-10-52240	1,288.85	.00	1,288.85
11-52-00-53400	33.98	.00	33.98
11-52-01-52240	187.72	.00	187.72
11-52-01-53500	25.45	.00	25.45
40-00-00-21100	1,305.20	4,626.98-	3,321.78-
40-54-10-52210	72.82	.00	72.82
40-55-10-23530	4,000.00	.00	4,000.00
40-55-10-46740	.00	1,305.20-	1,305.20-
40-55-10-52210	103.74	.00	103.74
40-55-10-52240	410.05	.00	410.05
40-55-20-52210	40.37	.00	40.37
42-00-00-21100	.00	144.85-	144.85-
42-34-50-52210	144.85	.00	144.85
43-00-00-21100	.00	58,851.07-	58,851.07-
43-00-00-52175	58,851.07	.00	58,851.07
47-00-00-21100	.00	5,401.73-	5,401.73-
47-00-00-57210	2,666.00	.00	2,666.00
47-00-00-57212	2,666.00	.00	2,666.00
47-70-00-57155	69.73	.00	69.73
48-00-00-21100	.00	556.91-	556.91-
48-00-00-52210	73.48	.00	73.48
48-00-00-52220	292.59	.00	292.59
48-00-00-52240	190.84	.00	190.84
61-00-00-21100	.00	363.31-	363.31-
61-00-00-53050	164.87	.00	164.87

M = Manual Check, V = Void Check

GL Account	Debit	Credit	Proof
61-00-00-53110	1.20	.00	1.20
61-00-00-53900	139.25	.00	139.25
61-00-00-93700	57.99	.00	57.99
62-00-00-21100	.00	57.80-	57.80-
62-00-00-92100	57.80	.00	57.80
99-00-00-21100	81.22	12,887.04-	12,805.82-
99-00-00-52110	37.43	40.95-	3.52-
99-00-00-52160	5,513.37	.00	5,513.37
99-00-00-52210	286.86	.00	286.86
99-00-00-53100	538.21	14.28-	523.93
99-00-00-53500	178.24	.00	178.24
99-00-00-53600	1,897.00	.00	1,897.00
99-00-00-54100	861.68	.00	861.68
99-00-00-54110	461.32	25.99-	435.33
99-00-00-54140	334.92	.00	334.92
99-00-00-54150	747.48	.00	747.48
99-00-00-55110	48.05	.00	48.05
99-00-00-55320	1,982.48	.00	1,982.48
Grand Totals:	107,888.28	107,888.28-	.00

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Report type: Summary

Check.Type = {<>} "Adjustment"

Bank.Bank account = "043230"

[Report].Invoice GL Account = {<>} 61

[Report].Invoice GL Account = {<>} 62

Invoice.Batch = "02202023","02172023","L12312022B","L12312022C","02242023","12312022N","02272023","03012023"

City of Lake Geneva
Finance, License, & Regulation Committee
March 7, 2023

Accounts Payable

	<u>Fund #</u>	
1. General Fund	11	<u>\$ 91,992.31</u>
2. Debt Service	20	<u>\$ -</u>
3. Lakefront	40	<u>\$ 15,526.17</u>
4. Capital Projects	43	<u>\$ 2,835.40</u>
5. Parking	42	<u>\$ 9,926.97</u>
6. Cemetery	48/49	<u>\$ 270.00</u>
7. Equipment Replacement	50	<u>\$ 9,120.63</u>
8. Library Fund	99	<u>\$ 5,916.57</u>
9. Impact Fees	45	<u>\$ -</u>
10. Tourism Commission	47	<u>\$ -</u>
11. Use of Building Funds-Library	98	<u>\$ -</u>
 Total All Funds		 <u><u>\$135,588.05</u></u>

CITY OF LAKE GENEVA
ACCOUNTS PAYABLE UNPAID ITEMS OVER \$5,000

FINANCE, LICENSE, & REGULATION COMMITTEE
3/7/2023

TOTAL UNPAID ACCOUNTS PAYABLE **\$ 135,588.05**

ITEMS > \$5,000

Associated Appraisal Consultants Inc.-Mar 2023 Assessment Services	\$ 13,368.24
CDW Government Inc.-ProPhoenix Server Upgrade, misc. computer equipment	\$ 8,552.28
Gage Marine Corp-Launch and Swim Pier end of year removal	\$ 10,637.89
Idemia Identity & Security USA LLC-Service Agreement 2023	\$ 5,772.00
Jerry Willkomm Inc-Gasoline purchases	\$ 5,739.94
Kapur & Associates-Engineering services	\$ 14,360.25
Siren Services - Fire Department equipment	\$ 6,636.93
Total Parking Solutions Inc.-CMS monitoring Jan, Mar 2023	\$ 7,149.70
Walworth County Public Works-Salt and Brine	\$ 10,250.49

Balance of Other Items **\$ 53,120.33**

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Only unpaid invoices included.

Invoice Detail.GL account (2 Characters) = {<>} "61"

Invoice Detail.GL account (2 Characters) = {<>} "62"

Invoice.Payment due date = 03/08/2023,03/10/2023,02/22/2023

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
ACKMAN GLASS & MIRROR				
81383	02/15/2023	WINDOW REPAIR CITY HALL	11-16-10-53500 CITY HALL BLDG MAINT SUPPLIES	200.00
Total ACKMAN GLASS & MIRROR:				200.00
ALL PRO CLEANING SYSTEMS				
2819	02/26/2023	BUILDING CLEANING	99-00-00-53600 LIBRARY BLDG MAINT SERVICES	2,392.00
Total ALL PRO CLEANING SYSTEMS:				2,392.00
AMY'S SHIPPING EMPORIUM				
01-16-23	01/31/2023	POSTAGE-RETURN TESTS	11-21-00-53120 PD POSTAGE	25.02
JAN 23	01/31/2023	PACKING/MALEK & ASSOC	11-22-00-53120 POSTAGE EXPENSE	35.41
Total AMY'S SHIPPING EMPORIUM:				60.43
ASSOCIATED APPRAISAL CONSULTANTS INC				
167114	03/01/2023	MAR 2023 ASSESSMENT SVCS	11-15-40-52100 ASSESSOR CONTRACTED SERVICES	13,368.24
Total ASSOCIATED APPRAISAL CONSULTANTS INC:				13,368.24
AUTO TECH CENTERS INC				
INV077819	01/26/2023	SQUAD TIRES-12	11-21-00-53610 PD EQUIP MAINT SERV COSTS	1,810.96
Total AUTO TECH CENTERS INC:				1,810.96
BAY LOCK SERVICE				
50509	01/26/2023	DOOR LOCK INSTALL-EVIDENC	11-21-00-53420 PD SPECIAL EQUIPMENT	275.00
Total BAY LOCK SERVICE:				275.00
BOUND TREE MEDICAL LLC				
84844482	02/01/2023	EMS SUPPLIES	11-22-00-58100 EMS EQUIPMENT/SUPPLIES	732.17
Total BOUND TREE MEDICAL LLC:				732.17
BUMPER TO BUMPER AUTO PARTS				
662-468509	02/03/2023	TRANSMISSION FLUID-MED1	11-22-00-53500 BLDG MAINT SUPPLIES-FIREHOUSE	9.99
Total BUMPER TO BUMPER AUTO PARTS:				9.99
CDW GOVERNMENT INC				
GF43245	01/17/2023	COMP REPLACE-200 PRINTER	11-21-00-58100 EQUIPMENT OUTLAY	343.22
GF63434	01/17/2023	COMPUTER REPLACE-SSD CO	11-21-00-58100 EQUIPMENT OUTLAY	92.51
GF66234	01/17/2023	COMPUTER REPLACE-UPS BAT	11-21-00-58100 EQUIPMENT OUTLAY	38.35
GJ08746	01/23/2023	BATTERIES-UPS	11-21-00-53050 DATA PROCESSING	38.35
GK26956	01/25/2023	COMP REPLACE-DETECTIVE W	11-21-00-58100 EQUIPMENT OUTLAY	258.06
GK85374-1	01/26/2023	SUPPLIES-SERVER ROOM	11-21-00-53050 DATA PROCESSING	134.06
GK96023	01/27/2023	SERVER ROOM - VENTED SHE	11-21-00-53050 DATA PROCESSING	79.74

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
GL45535	01/28/2023	COMP REPLACE - DET WORKS	11-21-00-58100 EQUIPMENT OUTLAY	26.78
GP85849	02/06/2023	COMP REPLAC-DET WORKSTA	11-21-00-58100 EQUIPMENT OUTLAY	37.35
GP99691	02/07/2023	COMP REPLACE-DETECTIVE W	11-21-00-58100 EQUIPMENT OUTLAY	72.63
GQ34047	02/07/2023	PROPHOENIX SERVER UPGRA	50-21-00-58000 POLICE EQUIPMENT PURCHASES	3,167.32
GQ34047-1	02/07/2023	PROPHOENIX SERVER UPGRA	11-22-00-58500 EQUIPMENT OUTLAY	3,167.32
GQ49630	02/07/2023	SERVER ROOM SUPPLIES/USB	11-21-00-53050 DATA PROCESSING	31.30
GQ67254	02/08/2023	SERVER ROOM SUPPLEIS	11-21-00-53050 DATA PROCESSING	16.32
GS51948	02/13/2023	RETURN-SSD COURTNEY PC	11-21-00-53050 DATA PROCESSING	92.51-
GV11894	02/15/2023	NEW SQUADS-DOCKS	50-21-00-58000 POLICE EQUIPMENT PURCHASES	1,441.48
Total CDW GOVERNMENT INC:				8,852.28
CINTA FIRE PROTECTION F36				
0F36666739	02/20/2023	ANNUAL FIRE EXT TESTING MA	99-00-00-53600 LIBRARY BLDG MAINT SERVICES	726.60
Total CINTA FIRE PROTECTION F36:				726.60
COMPLETE OFFICE OF WISCONSIN				
426627	02/28/2023	LEGAL PADS/WASTEBASKET	11-21-00-53100 PD OFFICE SUPPLIES	39.23
Total COMPLETE OFFICE OF WISCONSIN:				39.23
CONWAY SHIELD				
0502254	01/18/2023	VEHICLE WASH	11-22-00-53510 EQUIP MAINT SUPPLIES-FIRE DEPT	85.00
Total CONWAY SHIELD:				85.00
DECATUR ELECTRONICS LLC				
1098	02/13/2023	SPEED TRAILER MODULE	11-21-00-53610 PD EQUIP MAINT SERV COSTS	475.00
Total DECATUR ELECTRONICS LLC:				475.00
DOMINION VOTING SYSTEMS INC				
DVS148497	02/07/2023	ELECTION SUPPLIES-TABULAT	11-14-30-53110 BALLOTS/OTHER ELECTION EXPENSE	74.88
Total DOMINION VOTING SYSTEMS INC:				74.88
DOUSMAN TRANSPORT CO				
45-002013	02/16/2023	SHUTTLE - WINTERFEST 2023	42-34-50-53990 PARKING MISC EXPENSES	2,777.27
Total DOUSMAN TRANSPORT CO:				2,777.27
EAGLE MEDIA INC				
00136067	01/26/2023	NEW OFFICER - BADGES	11-21-00-51380 PD UNIFORM ALLOWANCE	758.00
00136084	02/13/2023	COLLARBRASS	11-21-00-51390 PART TIME UNIFORM EXPENSE	182.55
00136127	02/08/2023	KELLER-GOLD BADGE-MILIARY	11-21-00-51380 PD UNIFORM ALLOWANCE	153.45
00136200	02/23/2023	KELLER-NAMETAG	11-21-00-51380 PD UNIFORM ALLOWANCE	22.95
00136204	02/06/2023	SPRINGHORN-PROMOTION	11-21-00-51380 PD UNIFORM ALLOWANCE	217.92
00136208	02/13/2023	GOLD BARS-LT KELLER	11-21-00-51380 PD UNIFORM ALLOWANCE	23.90
00136242	02/14/2023	NEW OFFICER-WHISTLE CHAIN	11-21-00-51380 PD UNIFORM ALLOWANCE	37.45
00136251	02/14/2023	NEW OFFICER-NAMETAGS	11-21-00-51380 PD UNIFORM ALLOWANCE	119.60
Total EAGLE MEDIA INC:				1,515.82
ELKHORN NAPA AUTO PARTS				
292508	02/13/2023	SHOP SUPPLIES BEACH TRAC	11-32-10-52500 ST DEPT EQUIPMENT REPAIRS	13.39
292611	02/14/2023	SHOP SUPPLIES	11-32-10-53400 OPERATING SUPPLIES-STREET DEPT	34.30

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
293213	02/21/2023	BEACH GROOMER STRUT BOO	40-54-10-53520 BEACH MAINTENANCE SUPPLIES	17.51
293213	02/21/2023	BEACH GROOMER STRUT BOO	40-54-10-53520 BEACH MAINTENANCE SUPPLIES	60.90
Total ELKHORN NAPA AUTO PARTS:				126.10
EQUIPARTS				
237441	02/14/2023	BEACH HOUSE SHOWER ARM	43-52-00-53000 PARKS AND REC CAPITAL PROJECTS	166.70
Total EQUIPARTS:				166.70
FASTENAL COMPANY				
WIELK175601	02/06/2023	PLOW PIVOT BOLTS	11-32-12-53510 EQUIP MAINT SUPPL-SNOW & ICE	246.70
Total FASTENAL COMPANY:				246.70
FORD OF LAKE GENEVA				
81876	12/30/2022	206 TIRE REPAIR/OIL CHANGE	11-21-00-53610 PD EQUIP MAINT SERV COSTS	74.33
82097	01/25/2023	206 TIRE REPAIR	11-21-00-53610 PD EQUIP MAINT SERV COSTS	30.95
82150	01/30/2023	219- TIRES/ALIGNMENT (2)	11-21-00-53610 PD EQUIP MAINT SERV COSTS	174.75
82225	02/07/2023	219 TIRE REPAIR	11-21-00-53610 PD EQUIP MAINT SERV COSTS	431.10
82247	02/14/2023	208 FUEL PUMP	11-21-00-53610 PD EQUIP MAINT SERV COSTS	1,277.50
82351	02/24/2023	206 OIL CHANGE	11-21-00-53610 PD EQUIP MAINT SERV COSTS	54.85
Total FORD OF LAKE GENEVA:				2,043.48
FOSTER COACH SALES INC				
25236	01/23/2023	AMB 1 - RAIL REPAIR	11-22-00-53510 EQUIP MAINT SUPPLIES-FIRE DEPT	759.70
Total FOSTER COACH SALES INC:				759.70
GAGE MARINE CORP				
218427	02/10/2023	LAUNCH PIER END OF 2022 SE	40-52-10-52640 BUOYS & BOAT STALLS-REPAIRS	4,317.87
218428	02/10/2023	SWIM PIERS END OF 2022 SEA	40-52-10-52640 BUOYS & BOAT STALLS-REPAIRS	6,320.02
Total GAGE MARINE CORP:				10,637.89
GALLS LLC				
023200346	01/11/2023	BOULAND	11-21-00-51380 PD UNIFORM ALLOWANCE	7.14
023244515	01/16/2023	BOULAND	11-21-00-51380 PD UNIFORM ALLOWANCE	92.01
Total GALLS LLC:				99.15
GENERAL CODE LLC				
GC00120327	03/01/2023	ANNUAL CODE MAINT FEE	11-14-30-52180 MUNICIPAL CODIFICATION	1,195.00
Total GENERAL CODE LLC:				1,195.00
GENERAL FIRE EQUIPMENT CO				
148862	02/15/2023	NEW SQUADS-CONSOLE EQUI	50-21-00-58000 POLICE EQUIPMENT PURCHASES	2,031.83
Total GENERAL FIRE EQUIPMENT CO:				2,031.83
GENEVA LAKE LEVEL CORPORATION				
01-19-2023	02/24/2023	2023 FUND OPERATIONS	40-54-10-57350 GENEVA LAKE LEVEL CORP	4,400.00
Total GENEVA LAKE LEVEL CORPORATION:				4,400.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
GENEVA ON LINE				
1140656	02/01/2023	INTERNET-JAN/FEB	11-21-00-52210 PD TELEPHONE EXPENSE	78.00
Total GENEVA ON LINE:				78.00
GORDON FLESCH CO INC				
I00792978	01/17/2023	EQUIPMENT LEASE	99-00-00-55320 LIBRARY EQUIP LEASES & MAINT	247.81
I00800424	02/14/2023	EQUIPMENT LEASE	99-00-00-55320 LIBRARY EQUIP LEASES & MAINT	247.81
Total GORDON FLESCH CO INC:				495.62
IDEMIA IDENTITY & SECURITY USA LLC				
154967	02/06/2023	SERVICE AGREEMENT-2023	11-21-00-53800 PD SPECIAL INVESTIGATIONS	5,772.00
Total IDEMIA IDENTITY & SECURITY USA LLC:				5,772.00
ITU ABSORB TECH INC				
8075767	02/17/2023	RIVIERA BUILDING MATS	40-55-20-53600 RIV MAINTENANCE SERVICE COSTS	75.54
Total ITU ABSORB TECH INC:				75.54
JAMES IMAGING SYSTEMS INC				
1284774	02/14/2023	COPIER-FEB	11-21-00-55310 COPY MACHINE & SHREDDING SVC	132.25
Total JAMES IMAGING SYSTEMS INC:				132.25
JERRY WILLKOMM INC				
295342	02/06/2023	1607 GAS	11-32-10-53410 VEHICLE-FUEL & OIL	5,462.19
295348	02/09/2023	55 KEROSENE	11-32-10-53410 VEHICLE-FUEL & OIL	277.75
Total JERRY WILLKOMM INC:				5,739.94
KAESTNER AUTO ELECTRIC				
419601	02/16/2023	BROOMS & BRACKETS	11-32-10-53990 ST DEPT MISCELLANEOUS EXP	344.95
419613	02/16/2023	SHOVELS	11-32-10-53990 ST DEPT MISCELLANEOUS EXP	179.97
Total KAESTNER AUTO ELECTRIC:				524.92
KAPUR & ASSOCIATES INC				
116989	01/09/2023	PLAS-TECH	11-00-00-13910 A/R BILL OUTS	62.50
116990	01/09/2023	SUMMERHAVEN PH 3	11-00-00-13910 A/R BILL OUTS	1,100.00
116991	01/09/2023	KWIK TRIP/WELLS ST	11-00-00-13910 A/R BILL OUTS	62.50
116992	01/09/2023	PR-393 EDWARDS/BUENO RES	11-00-00-13910 A/R BILL OUTS	565.00
116993	01/09/2023	STONE RIDGE PH 3	11-00-00-13910 A/R BILL OUTS	8,086.25
116994	01/09/2023	PR-GOLDEN YEARS	11-00-00-13910 A/R BILL OUTS	187.50
116996	01/09/2023	PR-SYMPHONY BAY PH 7	11-00-00-13910 A/R BILL OUTS	62.50
116997	01/09/2023	1120 LSD UNITS 1-4	11-00-00-13910 A/R BILL OUTS	687.50
116998	01/09/2023	PR-910 MAYTAG	11-00-00-13910 A/R BILL OUTS	582.50
116999	01/09/2023	PR-TRAILHEAD BIKE TRL	11-00-00-13910 A/R BILL OUTS	125.00
117001	01/09/2023	GAP PROPERTIES	11-30-00-52160 CITY ENGINEERING FEES	835.50
117003	01/09/2023	WISLR PASER RATINGS	11-30-00-52160 CITY ENGINEERING FEES	127.50
117004	01/09/2023	DPW CIP PLANNING	11-30-00-52160 CITY ENGINEERING FEES	1,535.00
117075	01/13/2023	SYMPHONY BAY-MGMT PH 1	11-00-00-13910 A/R BILL OUTS	125.00
117530	02/10/2023	ENGINEERING SERVICES STRE	43-32-10-17010 2021/2022 STREET IMP PROGRAM	216.00
Total KAPUR & ASSOCIATES INC:				14,360.25

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
KIESLER'S POLICE SUPPLY INC				
IN209065	02/22/2023	BALLISTIC SHIELD	11-21-00-58100 EQUIPMENT OUTLAY	1,491.60
Total KIESLER'S POLICE SUPPLY INC:				1,491.60
LANGUAGE LINE SERVICES				
10743258	01/31/2023	INTERPRETER FEES-JAN	11-21-00-51400 PD INTERPRETERS FEES	70.96
Total LANGUAGE LINE SERVICES:				70.96
LARRY'S TOWING & RECOVERY				
6687	02/03/2023	TOW-STOLEN AUTO	11-21-00-53800 PD SPECIAL INVESTIGATIONS	200.00
Total LARRY'S TOWING & RECOVERY:				200.00
LASER WORKS UNLIMITED LLC				
1827	02/02/2023	NAMEPLATE-SPRINGHORN	11-21-00-51390 PART TIME UNIFORM EXPENSE	32.70
Total LASER WORKS UNLIMITED LLC:				32.70
LDV INC.				
175168	01/19/2023	212 OIL CHANGE	11-21-00-53610 PD EQUIP MAINT SERV COSTS	24.52
175168-1	01/25/2023	212 OIL CHANGE-SHARE W/PD	11-22-00-52400 EQUIPMENT REPAIRS-FIRE DEPT	24.53
Total LDV INC.:				49.05
MARED MECHANICAL				
133717	02/15/2023	HVAC REPAIRS	11-16-10-52400 CITY HALL BUILDING REPAIRS	2,150.39
Total MARED MECHANICAL:				2,150.39
MARLIN PRINTING & GRAPHICS				
674241	02/01/2023	SNOW REMOVAL TAGS	11-24-00-53100 BLDG INSPECTOR OFFICE SUPPLIES	67.98
Total MARLIN PRINTING & GRAPHICS:				67.98
MERCY HEALTH SYSTEM				
400010070 2-9	02/09/2023	BLOOD DRAWS	11-21-00-53800 PD SPECIAL INVESTIGATIONS	24.00
Total MERCY HEALTH SYSTEM:				24.00
MIDSTATE EQUIPMENT				
157062	02/20/2023	#53 BEACH TRACTOR YELLOW	40-54-10-53520 BEACH MAINTENANCE SUPPLIES	53.24
Total MIDSTATE EQUIPMENT:				53.24
MINUTEMAN PRESS				
51695	02/15/2023	SEASON PERMITS	40-52-11-53990 LAUNCH RAMP MISCELLANEOUS	281.09
Total MINUTEMAN PRESS:				281.09
NEWSBANK INC				
RN1053243	02/27/2023	ANNUAL SUBSCRIPTIONS	99-00-00-54120 LIBRARY MAGAZINES & NEWSPAPER	1,679.00
Total NEWSBANK INC:				1,679.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
ODP BUSINESS SOLUTIONS LLC				
292960469001	02/13/2023	PAPER/CORRECTION TAPE/BO	11-12-00-53100 MUNICIPAL CT OFFICE SUPPLIES	93.61
293560853001	02/17/2023	FOLDER/CLIPBOARD/ENVELOP	11-12-00-53100 MUNICIPAL CT OFFICE SUPPLIES	43.21
293589332001	02/17/2023	PAPER, PLAIN	11-12-00-53100 MUNICIPAL CT OFFICE SUPPLIES	11.79
296153722001	02/27/2023	LEDGER COPY PAPER	11-16-10-53100 CITY HALL OFFICE SUPPLIES	55.42
Total ODP BUSINESS SOLUTIONS LLC:				204.03
ONSOLVE LLC				
15265974	12/02/2022	ONE CALL PROGRAM	11-29-00-53600 ONE CALL NOW PROGRAM	736.88
Total ONSOLVE LLC:				736.88
OSHKOSH FIRE & POLICE				
189824	01/31/2023	SQUAD REPLACE- LIGHT BAR	50-21-00-58000 POLICE EQUIPMENT PURCHASES	2,480.00
Total OSHKOSH FIRE & POLICE:				2,480.00
PATS SERVICES INC				
A-243633	02/17/2023	PORT A POTTY OAK HILL	48-00-00-52260 CEM WATER/SEWER EXP	270.00
Total PATS SERVICES INC:				270.00
POMP'S TIRE SERVICE INC				
60299212	02/21/2023	TIRES REPAIR MOWER	11-32-10-52500 ST DEPT EQUIPMENT REPAIRS	103.90
Total POMPS TIRE SERVICE INC:				103.90
QUILL CORPORATION				
1899065	09/17/2022	RETURN-OFFICE CHAIR	11-21-00-53100 PD OFFICE SUPPLIES	154.97-
30645615	02/06/2023	PAPER/POSTIT/MEMO PADS	11-21-00-53100 PD OFFICE SUPPLIES	173.07
30732565	02/09/2023	ELECTRONICS DUSTER	11-21-00-53100 PD OFFICE SUPPLIES	28.85
31050279	02/27/2023	STAPLES/LABELS/PAPER	11-21-00-53100 PD OFFICE SUPPLIES	144.75
Total QUILL CORPORATION:				191.70
ROTE OIL				
230470406	02/16/2023	391 DIESEL FUEL ON ROAD	11-32-10-53410 VEHICLE-FUEL & OIL	1,428.25
230470407	02/16/2023	298.7 ALS DYED DIESEL	11-32-10-53410 VEHICLE-FUEL & OIL	997.66
230480208	02/17/2023	315 DIESEL FUEL ON ROAD	11-32-10-53410 VEHICLE-FUEL & OIL	1,149.76
230480209	02/17/2023	77 GALS DYED DIESEL	11-32-10-53410 VEHICLE-FUEL & OIL	257.18
Total ROTE OIL:				3,832.85
RUEKERT & MIELKE INC				
145446	02/20/2023	IMPACT FEE STUDY	11-69-30-52130 IMPACT FEES STUDY	1,105.00
Total RUEKERT & MIELKE INC:				1,105.00
SHERWIN WILLIAMS				
1916-0	02/13/2023	GARBAGE CANS-PAINT	11-52-00-53520 GROUNDS MAINT SUPPLIES	113.06
Total SHERWIN WILLIAMS:				113.06
SHRED-IT				
8003198961	01/25/2023	SHREDDING-JAN	11-21-00-55310 COPY MACHINE & SHREDDING SVC	123.30

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total SHRED-IT:				123.30
SIREN SERVICES				
1635	01/25/2023	LT LDH LEAK-ENG #1	11-22-00-52400 EQUIPMENT REPAIRS-FIRE DEPT	4,487.53
1649	02/06/2023	AIR COMPRESSOR REPAIR ME	11-22-00-52400 EQUIPMENT REPAIRS-FIRE DEPT	543.70
1656	02/07/2023	SIREN REPAIR TO MED 1	11-22-00-52400 EQUIPMENT REPAIRS-FIRE DEPT	1,387.87
1670	02/12/2023	AIR HORN REPAIR MED1	11-22-00-52400 EQUIPMENT REPAIRS-FIRE DEPT	217.83
Total SIREN SERVICES:				6,636.93
SOMAR TEK LLC/SOMAR ENTERPRISE				
102892	01/27/2023	HINZPETER, SEAN	11-21-00-51380 PD UNIFORM ALLOWANCE	95.97
Total SOMAR TEK LLC/SOMAR ENTERPRISE:				95.97
STANARD & ASSOCIATES INC				
SA000053000	01/31/2023	OFFICER TESTS	11-21-00-54110 PD APPLICATION PROCESS	198.50
SA000053001	01/31/2023	DETECTIVE TESTS	11-21-00-54110 PD APPLICATION PROCESS	487.00
Total STANARD & ASSOCIATES INC:				685.50
STATE OF WISCONSIN				
64-246 02/23	03/01/2023	COURT FINES-FEB 2023	11-12-00-24240 COURT FINES-STATE	3,789.92
Total STATE OF WISCONSIN:				3,789.92
STREICHERS				
11614399	01/31/2023	RODRIGUEZ	11-21-00-51380 PD UNIFORM ALLOWANCE	280.00
Total STREICHERS:				280.00
THOMSON REUTERS - WEST				
847799872	02/01/2023	CLEAR-FEB	11-21-00-53800 PD SPECIAL INVESTIGATIONS	187.43
Total THOMSON REUTERS - WEST:				187.43
TOP PACK DEFENSE LLC				
9870	01/17/2023	SPRINGHORN	11-21-00-51380 PD UNIFORM ALLOWANCE	389.99
9946	01/27/2023	WISNIEWSKI	11-21-00-51380 PD UNIFORM ALLOWANCE	772.97
Total TOP PACK DEFENSE LLC:				1,162.96
TOTAL PARKING SOLUTIONS INC				
106072	12/16/2022	TPS PAY BY TEXT FEES	42-34-50-53990 PARKING MISC EXPENSES	259.70
106073	12/16/2022	CMS MONITORING - JAN 2023	42-34-50-54500 SUPPORT CONTRACTS	3,445.00
106136	02/17/2023	CMS MONITORING - MAR	42-34-50-54500 SUPPORT CONTRACTS	3,445.00
TOTAL PARKING SOLUTIONS INC:				7,149.70
TRANS UNION LLC				
01314777	01/30/2023	BACKGROUND CHECKS	11-21-00-54110 PD APPLICATION PROCESS	31.62
Total TRANS UNION LLC:				31.62
UL LLC				
72041026139	01/20/2023	ALARM MONITORING CERT (20	11-21-00-52620 PD COMMUNICATION SYS MAINT FEE	2,401.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total UL LLC:				2,401.00
UNIFORM SHOP, THE				
330784	01/31/2023	DERRICK	11-21-00-51380 PD UNIFORM ALLOWANCE	182.90
330785	01/31/2023	NEW OFFICER CLASS A- BORO	11-21-00-51380 PD UNIFORM ALLOWANCE	83.95
Total UNIFORM SHOP, THE:				266.85
VORPAGEL SERVICE INC				
SI2193654	02/21/2023	AC/FURNACE REPAIR	99-00-00-53600 LIBRARY BLDG MAINT SERVICES	623.35
Total VORPAGEL SERVICE INC:				623.35
WALWORTH COUNTY				
64-246 02/23	03/01/2023	COURT FINES-FEB 2023	11-12-00-24200 COURT FINES-COUNTY	1,324.97
Total WALWORTH COUNTY:				1,324.97
WALWORTH COUNTY PUBLIC WORKS				
139-1	02/08/2023	OPERATING SUPPLIES SALT &	11-32-12-53400 OPERATING SUPPLIES-SNOW & ICE	272.13
140	02/08/2023	OPERATING SUPPLIES SALT &	11-32-12-53400 OPERATING SUPPLIES-SNOW & ICE	9,978.36
Total WALWORTH COUNTY PUBLIC WORKS:				10,250.49
WALWORTH COUNTY SHERIFF				
129356	02/03/2023	PRISONER CONFINEMENT-DEC	11-12-00-52900 CARE OF PRISONERS	15.00
129359	02/03/2023	PRISONER CONFINEMENT-JAN	11-12-00-52900 CARE OF PRISONERS	55.00
129376	02/07/2023	RANGE-JAN	11-21-00-54100 PD TRAINING EXPENSES	150.00
Total WALWORTH COUNTY SHERIFF:				220.00
WAUKESHA CNTY TECH COLLEGE				
S0792632	01/26/2023	TRAINING-RODRIGUEZ/REBHO	11-21-00-54100 PD TRAINING EXPENSES	123.76
Total WAUKESHA CNTY TECH COLLEGE:				123.76
WELDERS SUPPLY CO				
10341349	02/10/2023	ANNUAL OXYGEN RENTAL-SHO	11-32-10-53410 VEHICLE-FUEL & OIL	120.00
Total WELDERS SUPPLY CO:				120.00
WI DEPT OF TRANSPORTATION				
395-00002942	02/01/2023	BLOOMFIELD SIGNAL	43-32-10-17020 DPW CAPITAL PROJECTS	2,452.70
Total WI DEPT OF TRANSPORTATION:				2,452.70
WI MUNICIPAL JUDGES ASSOC				
WMJA 2023 D	02/20/2023	2023 WMJA DUES	11-12-00-53320 MUN CT CONFERENCES & SCHOOL	100.00
Total WI MUNICIPAL JUDGES ASSOC:				100.00
WISCONN VALLEY MEDIA GROUP				
113769	02/08/2023	PUBLIC HEARING NOTICE- HILL	11-10-00-53140 OFFICIAL PUBLICATIONS & NOTICE	13.59
113803	02/15/2023	LN- DPW OPERATOR AD	11-10-00-53140 OFFICIAL PUBLICATIONS & NOTICE	53.32
114284	02/08/2023	PUBLIC TEST NOITICE-FEB 202	11-14-30-53110 BALLOTS/OTHER ELECTION EXPENSE	8.60
114284	02/08/2023	PUBLIC TEST NOITICE-FEB 202	11-00-00-13910 A/R BILL OUTS	68.72

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total WISCONN VALLEY MEDIA GROUP:				144.23
Grand Totals:				135,588.05

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Only unpaid invoices included.

Invoice Detail.GL account (2 Characters) = {<>} "61"

Invoice Detail.GL account (2 Characters) = {<>} "62"

Invoice.Payment due date = 03/08/2023,03/10/2023,02/22/2023