Village of Hartland
210 Cottonwood Avenue
Hartland WI 53029
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VILLAGE BOARD AGENDA
TUESDAY, MAY 27, 2025 ▪ 6:30 PM
BOARD ROOM, MUNICIPAL BUILDING, 210 COTTONWOOD

Call to Order

Roll Call

Pledge of Allegiance – Trustee Truttschel

Public Comments: Please be advised the Village Board will receive comments from the public related to any item(s) for a three-minute time period per person, with time extensions per the Village President's discretion. This meeting will be recorded and will be available online through the Village's website.

1. Approval of Minutes for May 12, 2025

2. Items related to vouchers
   a. Consideration of contractor's application for payment no. 1 in the amount of $146,451.94 to Zignego Company, Inc. for the 2025 Utilities Program
   b. Consideration of contractor's application for payment no. 1 in the amount of $99,668.87 to Wolf Paving Co., Inc. for the 2025 Paving Program
   c. Consideration of vouchers for payment in the amount of $363,646.03

3. Review and consideration of items related to Licenses and Permits
   a. Consideration of Special Event Application by St. Jerome School for June 2, 2025
   b. Consideration of bartender license applications
      i. Heidi Wise
      ii. Diane Raabe

<u>Referred from Plan Commission May 19, 2025 Meeting</u>

4. Village Board first reading for proposed PUD development amendment ("Project") whose approval is being sought by Three Leaf Development on property tax key HAV 0423981056 located on Campus Drive. The Village Board will review:
   a. Proposed amendment of preliminary site and building plans for senior living development (124 units from previous 120);
   b. Request by the developer to amend the PUD to waive impact, sewer connection and Regional Sewer Availability Charge fees totaling approximately $382,874.
   c. Consideration of setting a date for a Public Hearing for July 14, 2025

Other Items for Consideration

5. Consideration of First Reading for Ordinance No. 05/27/2025-A "An Ordinance Amending Sec. 46-801 of the Village of Hartland Code of Ordinances Regulating PUD Planned Unit Development Overlay District"

6. Consideration of First Reading for Ordinance No. 05/27/2025 – "An Ordinance Amending Sec. 22-168 through 22-173 and creating Sec. 174 of the Village of Hartland Code of Ordinances Regulating Mobile Food Vendors

7. Presentation of Draft Water Supply Service Area Plan
   a. Schedule Public Hearing for June 9, 2025

8. Discussion and consideration to award Mid City Corporation the contract for maintenance and repairs required for the Arlene Lift Station check valve vault in the amount of $22,400.

9. Discussion and consideration to purchase ODB Leaf Vac for the sum of $140,072.56 as approved in the 2025 budget

10. Discussion and possible action on presentation by Keller, Inc. regarding space needs study

11. Announcements: The following individuals will be given an opportunity to make announcements at the meeting in regard to (1) activities taken since the previous meeting on behalf of the community, (2) future municipal activities, and (3) communications received from citizens. It is not contemplated that these matters will be discussed or acted upon. The following individuals may provide announcements: Village President or individual Village Board members or Village Manager or other Village Staff members.

12. Adjourn

Ryan Bailey, Village Manager

Notice: Please note that upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact Sandee Policello, Village Clerk, at 262-367-2714. The Municipal Building is handicap accessible.

To participate via Zoom in the Village of Hartland Board meeting, please dial 1 (312) 626-6799. The meeting ID is: 857 2469 4847 Passcode: 654782 Or participate online: https://us02web.zoom.us/j/85724694847?pwd=uGEhKn4dQTYFEkKvFF1IWyI5quU8wi.1

VILLAGE OF HARTLAND
VILLAGE BOARD MINUTES
MONDAY, MAY 12, 2025 · 6:30 PM
BOARD ROOM, MUNICIPAL BUILDING, 210 COTTONWOOD

President Pfannerstill called the meeting to order at 6:30 pm.

Present: President Pfannerstill, Trustees de Boer, Truttschel, Pfeiffer, Wallschlager, Conner, Hallquist

Others Present: Village Manager Bailey, Clerk Policello, Fire Chief Jambretz, Kajil Sharp, Fire Department

Bank Five Nine presented a check for $15,000 to the Village of Hartland for the Thursday Night Summer Concert Series at the Hartland Beer Garden. Todd Scheid, Amanda Drott and Dave Sutton represented Bank Five Nine.

Public Comment: Please be advised the Village Board will receive comments from the public related to any item(s) for a three-minute time period per person, with time extensions per the Village President's discretion. This meeting will be recorded and will be available online through the Village's website.

There was no public comment.

1. Approval of Minutes
   a. April 8, 2025
   b. April 28, 2025

Motion (Conner/Wallschlager) to approve the April 8, 2025 minutes. All were in favor, **motion carried.**

Motion (Pfeiffer/Conner) to approve the April 28th minutes. All were in favor, **motion carried** (abstain – Truttschel)**.**

2. Items related to vouchers
   a. Consideration of vouchers for payment in the amount of $584,123.69

Motion (Wallschlager/Truttschel) to pay vouchers in the amount of $584,123.69. All were in favor, **motion carried.**

3. Items related to Licenses and Permits
   a. Special Event application by Hartland Public Library for Summer Reading Program Kickoff on June 6, 2025

      Library Director Kristensen said this is the same as previous years. They will have inflatables; they will purchase ice cream from Little Dipperz to distribute at no charge to attendees. They will have a fire truck, police squad and DPW equipment for the children to view. Last year they had over 1,000 attendees.

Motion (Conner/Hallquist) to approve the Special Event application for the Hartland Public Library Summer Reading Program Kickoff. All in favor, **motion carried.**

b. Special Event application by Wisconsin Athletic Club for Baby Goat Yoga on June 22, 2025

Katie Harn, manager for the Wisconsin Athletic Club appeared. They have done this event the past few years.

Motion (Pfeiffer/Hallquist) to approve the Special Event application for Baby Goat Yoga. All were in favor, **motion carried.**

c. Special Event application by Hartland Lake Country Rotary for Annual Splash Pad Lunch on July 18, 2025 with request to waive fees

Jeremy Pfaff appeared via Zoom; this is an annual event to provide kids lunch at the splash pad; they do not sell anything; everything they provide for lunch is donated.

Motion (Truttschel/Pfeiffer) to approve the Special Event application for the Annual Splash Pad Lunch with fees waived. All were in favor, **motion carried.**

i. Park Food Vendor Application for Hartland Lake Country Rotary to serve free lunch at their event on July 18, 2025 with request to waive fees
The Board agreed this application falls under the previous item that was approved.

d. Consideration of bartender license application for Janelle Ballantyne
Janelle Ballantyne appeared in person.

Motion (Hallquist/Conner) to approve the application. All were in favor, **motion carried.**

e. Restricted Species
i. Julie Purney, 1042 Wellington Way – 4 chickens

Julie Purney appeared in person; she would like 4 chickens for eggs and pets. Motion (Conner/Hallquist) to approve the restricted species permit. All were in favor, **motion carried.**

ii. James Sheffield, 604 Renson Road – 6 chickens

James Sheffield did not appear at the meeting. Motion (Pfeiffer/Truttschel) to approve for 6 chickens. All were in favor, **motion carried.**

Referred from Park Board May 5, 2025 Meeting

4. Discussion of food trucks in the parks
   a. Village Board to discuss Park Board referring items against Village Ordinance

Trustee Hallquist said the Park Board reviewed the policy and recommended adding a few things. They are recommending the number of food trucks allowed to be increased from 2 to 3 trucks; also they need to be under contract and the food truck needs to be a local business or a Hartland resident; no franchises allowed.

President Pfannerstill said that the Mobile Food Vendor ordinance would need to be amended if the Board would like any changes to be made. He said the Board needs to decide if a food trailer is going to be treated similarly as a food cart. If food trucks are going in the parks, we need to decide where they will be located; will a contract be required. The fees cover DPW's time cleaning up in the park. We have to discuss what the Park Board referred; Culvers just donated as a $15,000 sponsor for the Hometown Celebration; they are a franchise and a Hartland business; do we not allow them as a food vendor in the park; other examples are Cousins, Sweet Dreams.

Trustee Conner said the Park Board's intent is that they wanted the food trucks to be local businesses. He said the beer garden contract was intended for a local business to prosper from the opportunity and this is the same thing here. S3 Deli is a local business; how can we help these small businesses. We would be opening more opportunities. A contract would include clean up of the area.

Trustee Wallschlager said we have a contract in place for Thursday through Sunday; they have purchased equipment based on that contract. She feels we cannot make changes to the beer garden area, at least for this year. She doesn't want to cut off business in Hartland, but we need to stand by our contract.

Hallquist said the Park Board is an advisory body; the park food truck policy is a policy. Village ordinance, article 7 Mobile Food Vendors does not list any parks; so technically would we be going against the ordinance, as we have not adopted that. Pfannerstill said he believes both sides of this could be argued.

Craig Eisenhut, Park Board member, said they discussed checking the Beer Snobs Beer Garden contract to confirm additional food choices in the park would not conflict with the contract. Wallschlager said it was understood in our meeting with Beer Snobs that there would not be other food options allowed in the park. Pfannerstill said the Village did receive an email in April from Beer Snobs that they wanted to be the sole vendor; a second email was just received stating that they are fine with other food options in the park. Pfannerstill said the Board wanted to be sure Beer Snobs was going to serve food before the contract was finalized; which implies that they may not have received the contract if they were not going to offer food. To now say that they would not have exclusivity, how does that make us look?

Trustee Truttschel said there was a lot of discussion regarding food and it was implied that it was required that they serve food and alcohol. Pfannerstill said this decision

should not be related to the current operator of the beer garden; we need to make the decision based on what is good for the Village for many years.

Trustee de Boer said we are concentrating on the Nixon Park issue; S3 Deli's application was also for the industrial park and we haven't addressed that. Pfannerstill said S3 Deli can operate in the industrial park with a permit approved by the Village Manager. Clerk Policello stated for clarification that food trucks are allowed in the parks under special event permits.

Trustee Pfeiffer said he is not opposed to food trucks, but based on the agreement that we just signed, it would not be good business and unethical to go against that.

Matt Ballantyne said the email that was sent three days ago from Beer Snobs indicates that they would be fine with food trucks in the park during beer garden hours. Pfannerstill agreed with what was stated in the email. He said this is a decision that the Board needs to make. This will affect more than just Nixon Park; he wants to address the big picture for the long run. Hallquist said our amenities are not that large at Nixon Park; we have limited restrooms and limited space.

DPW Director said the Legion and HAAA pays a deposit to use their spaces, but no fees. Wallschlager is not in favor of food trucks during beer garden hours in Nixon. By consensus the Board directed staff to review the mobile food vendor ordinance and take a look at the parks that they would be allowed.

Motion (Pfeiffer/Conner) to move forward with addressing and rewriting the ordinance and look at all parks and hours of operation for mobile food vendors and as it pertains to Nixon Park and the beer garden. Pfannerstill asked that staff provide their input. All were in favor, **motion carried.**

Recess at 7:42 pm. Return to open session : 7:48 pm

i. S3 Deli Food Truck
Matt Ballantyne, owner of S3 Deli. He apologized for opening a bee hive nest. He wants to help the Village of Hartland and grow his business as well. He wants to be at the beer garden and not other parks to offer more variety; his goal is to help the community. He would have a completely different menu than the beer garden operator. He asked if a temporary event permit as a trial basis was a possibility. His trailer has water and a generator. He believes this is something that the village wants. He is open to a contract. President Pfannerstill said a permit cannot be issued for now until this is reviewed.

ii. Little Dipperz Food Truck
Tonya Little appeared in person for Little Dipperz. She sells her ice cream from a push cart. She asked that when we review the ordinance 22-169(c) that talks about annual licenses and states that renewal applications can be approved by the Village Manager, so why is she here. She had an annual license last year for the parks.

Motion (Truttschel/Pfeiffer) to approve the application based on last year's permit that was issued for Nixon and other parks. Truttschel amended his motion that Little Dipperz not have the cart in the beer garden area when the beer garden is open; Pfeiffer agrees to amendment.

Trustee Conner asked if issuing this makes it hypocritical? It's a fine line. Trustee Hallquist asked if the beer garden is selling ice cream; it is on their menu; he said we need to be consistent with who we allow in the park now. Pfeiffer said the ordinance allows for renewals and she had a permit last year; not that it's right or wrong, but it's the way it is written now.

Pfannerstill called the question. Vote: 5 – 2, nay-Wallschlager, Conner, motion passes.

Other Items for Consideration

5. Conceptual review and consideration of seven single family development at Badger Court and Eagle Pass Court

Ken Servi – this was approved last year with a little different design. That design had too much road and the area couldn't handle the water. They have redesigned it; he has a new engineer, Kalvin Klimeck. This version has less road and will not have people racing through; plowing would be easier with the two courts rather than dead ends. They are looking for conceptual approval. President Pfannerstill asked about the lots and if they are similar to the neighboring homes. Klimeck said the lots are a width of 110', 22,000 sq ft. Pfannerstill asked if they are they similar to Lake Country Meadows; the engineer is not absolutely certain. Servi tried to buy the property around the land on the drawing presented; he was not able to acquire any other land; he tried very hard. As a result, he is working with what he has now. Pfannerstill said this property has a long history.

Mr. Straumbach is a neighboring property owner in Lake Country Meadows, which has a homeowner's association. The adjoining development has 39 homes with one entrance/exit. The homeowner's association takes care of the landscaping, insurance and a monument with lighting where you drive in. If the new neighbors come in, are they going to have an association? Servi said they would prefer to join the existing association. Straumbach said this would include the inspection/maintaining of water retention; the DNR is pushing the enforcement action to the municipality for non-compliance, which is new. He said there are costs associated with maintaining the water retention area; if there are association fees that the new owners pay, then he is for it. Are home and lot styles the same? Lake Country Meadows has 2/3 – 1 acre lots with side entry garages. Servi said the zoning would be the same. Straumbach the zoning may be the same, but they are not the same home styles that are proposed. He said if it's legal and there is a way to have them join the association, he would be in

agreement with that. Servi said he has addressed this situation in previous developments. Pfannerstill asked if Servi could meet with the association and discuss the option to join. Straumbach agreed to meet.

Motion (Pfeiffer/Wallschlager) to move conceptual review to the Plan Commission. All were in favor, **motion carried.**

The Board took a brief recess.

6. Discussion and consideration of request to surplus Door Knob Portable Push Button Key Safe Boxes.

Motion (Hallquist/Pfeiffer) to approve to surplus the Safe Boxes. All were in favor, **motion carried.**

7. Discussion and consideration to approve purchase of turnout gear by the Fire Department as approved in the 2025 budget

Chief Jambretz said the budgeted amount was $25,000 for this purchase. We have been using McQueen and Lyon Gear and would like to stay with them.

Motion (Truttschel/Hallquist) to approve the purchase of turnout gear as approved in the 2025 budget. All were in favor, **motion carried.**

8. Announcements: The following individuals will be given an opportunity to make announcements at the meeting in regard to (1) activities taken since the previous meeting on behalf of the community, (2) future municipal activities, and (3) communications received from citizens. It is not contemplated that these matters will be discussed or acted upon. The following individuals may provide announcements: Village President or individual Village Board members or Village Manager or other Village Staff members.

DPW Director Jenson said the Hartland sculpture has been installed at Nixon Park. The Wall That Heals benches have been installed. The utility project is ongoing in Four Winds; E. Park paving is done; they are working on W. Capitol now. Summer help is all hired; he is seeking 1 FT staff member, class B CDL is needed. Commander Kirk Branstader lived across from Arrowhead, he is retired from the Coast Guard; a flag was flown in his honor at Village Hall and it will be shipped to Brewers stadium to be flown next. Congratulations on his retirement from the Coast Guard.

Recreation Director Blonien said the T-Ball coaches meeting is tomorrow; Thursday night concert series starts next week. The fishing clinic is this Saturday in Delafield.

Chief Jambretz said they had 7 calls today; they answered all but 1. He is on vacation starting Sunday for a week; Deputy Chiefs Sharp and Walker will be in charge.

President Pfannerstill said the Bark River Bash was very successful, they had good weather.

9. Adjourn
   Motion (Pfeiffer/Truttschel) all in favor. 8:51 pm

   Respectfully submitted,
   Sandee Policello
   Village Clerk

Contractor's Application for Payment No. 1

	Application Date: 5/20/2025	**Application Period:**	Start to 5/11/2025
To (Owner): Village of Hartland	**From** (Contractor): Zigneo Company, Inc.	**Via** (Engineer):	**Ruekert & Mielke, Inc.**
Contact: Tom Jenson	**Contact:** Ilya Levkov	**Contact:**	Peter W. Gesch, P.E.
Project: 2025 Utilities Program	**Address:** W226 N2940 Duplainville Road Waukesha, WI 53186	**Address:**	W233 N2080 Ridgeview Parkway Waukesha, WI 53188
Owner's Contract No.:	**Contractor's Project No.:**	**Engineer's Project No.:**	09-10119.300

Change Order Summary

Approved Change Orders

Number	Additions	Deductions (Enter as Positive Number)
TOTALS		
NET CHANGE BY CHANGE ORDERS		

1.	**ORIGINAL CONTRACT PRICE**	$ 295,308.00
2.	**Net change by Change Orders**	$ -
3.	**CURRENT CONTRACT PRICE (Line 1 + Line 2)**	$ 295,308.00
4.	**TOTAL COMPLETED TO DATE (Column L Total on Progress Estimates)**	$ 153,834.64
5.	**RETAINAGE:**	
	a. 5% X $147,654.00 **Work Completed**	$ 7,382.70
6.	**RETAINAGE REDUCTION TO DATE (Enter as Positive Number)**	$
7.	**AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5a. + Line 6)**	$ 146,451.94
8.	**LESS PREVIOUS PAYMENTS (Line 7 from Prior Application)**	$ -
9.	**AMOUNT DUE THIS APPLICATION**	$ 146,451.94

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge:

(1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment;

(2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner per Article 15 of the General Conditions; and

(3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Peter W. Gesch **Date:** 5/20/2025

Payment of: $ **$146,451.94**
(Line **9** or other - attach explanation of the other amount)

Recommended by: Peter W. Gesch 5/20/2025
Peter W. Gesch (Engineer) (Date)

Payment of: $
(Line 9 or other - attach explanation of the other amount)

Approved by:
(Owner) (Date)

Adapted from EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Utilities Program								Application Date:		5/20/2025	
Application Period:	Start to 5/11/2025							Owner's Contract No.:		2025 Utilites Program	
								Engineer's Project No.:		09-10119.300	
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
Miscellaneous Sanitary Sewer Repairs - Various Locations											
1	Repair Sanitary Manhole - Slurry Backfill	V.F.	4.00	$ 2,000.00	$ 8,000.00		$ -	2.30	$ 4,600.00	2.30	$ 4,600.00
2	Replace Additional Adjusting Rings - Manhole	V.F.	0.50	$ 1,200.00	$ 600.00		$ -		$ -		$ -
3	Remove & Replace Manhole Frame & Cover	EA.	6.00	$ 1,200.00	$ 7,200.00		$ -	6.00	$ 7,200.00	6.00	$ 7,200.00
4	30-Inch Concrete Curb & Gutter Remove & Replace	L.F	35.00	$ 60.00	$ 2,100.00		$ -	20.00	$ 1,200.00	20.00	$ 1,200.00
5	3-Inch Asphalt Driveway Remove and Replace	S.Y.	10.00	$ 132.00	$ 1,320.00		$ -		$ -		$ -
6	4-Inch Asphalt Pavement Patch (Two Lifts)	S.Y.	64.00	$ 132.00	$ 8,448.00		$ -	28.21	$ 3,723.72	28.21	$ 3,723.72
7	Restoration - Topsoil and Sod	S.Y.	10.00	$ 40.00	$ 400.00		$ -		$ -		$ -
TOTAL ALL MISC. SANITARY SEWER REPAIRS - VARIOUS LOCATIONS					**$ 28,068.00**		**$ -**		**$ 16,723.72**		**$ 16,723.72**
Miscellaneous Storm Sewer Catch Basin Repairs - Various Locations											
8	Repair Storm Catch Basin - Slurry Backfill	V.F.	25.00	$ 1,200.00	$ 30,000.00		$ -	5.00	$ 6,000.00	5.00	$ 6,000.00
9	Replace Additional Adjusting Rings - Catch Basin	V.F.	2.00	$1,200.00	$ 2,400.00		$ -		$ -		$ -
10	Remove & Replace Catch Basin Frame & Grate	EA.	2.00	$1,200.00	$ 2,400.00		$ -	2.00	$ 2,400.00	2.00	$ 2,400.00
11	Remove & Replace 2'x3' Catch Basin - Slurry Backfill	EA.	2.00	$3,500.00	$ 7,000.00		$ -	2.00	$ 7,000.00	2.00	$ 7,000.00
12	Excavate & Concrete Structure (40-Inch Diameter Structure)	EA.	1.00	$1,500.00	$ 1,500.00		$ -		$ -		$ -
13	30-Inch Concrete Curb & Gutter Remove & Replace	L.F	500.00	$60.00	$ 30,000.00		$ -	130.00	$ 7,800.00	130.00	$ 7,800.00
14	6-Inch Concrete Driveway Remove & Replace	S.F.	500.00	$20.00	$ 10,000.00		$ -		$ -		$ -
15	4-Inch Concrete Sidewalk Remove & Replace	S.F.	325.00	$20.00	$ 6,500.00		$ -	75.00	$ 1,500.00	75.00	$ 1,500.00
16	3-Inch Asphalt Driveway Remove and Replace	S.Y.	15.00	$132.00	$ 1,980.00		$ -		$ -		$ -
17	4-Inch Asphalt Pavement Patch (Two Lifts)	S.Y.	150.00	$132.00	$ 19,800.00		$ -	43.81	$ 5,782.92	43.81	$ 5,782.92
18	Back Plaster Pipe Connections	EA.	4.00	$1,000.00	$ 4,000.00		$ -		$ -		$ -
19	Restoration - Topsoil and Sod	S.Y.	125.00	$40.00	$ 5,000.00		$ -		$ -		$ -
TOTAL ALL MISC. CATCH BASIN REPAIRS - VARIOUS LOCATIONS					**$ 120,580.00**		**$ -**		**$ 30,482.92**		**$ 30,482.92**
Miscellaneous Storm Sewer Repairs - Various Locations											
20	Remove & Replace 48-Inch Manhole	EA.	1.00	$8,000.00	$ 8,000.00		$ -	1.00	$ 8,000.00	1.00	$ 8,000.00
21	Repair Storm Manhole - Slurry Backfill	V.F.	3.25	$1,000.00	$ 3,250.00		$ -		$ -		$ -
22	Replace Additional Adjusting Rings - Manhole	V.F.	0.25	$1,000.00	$ 250.00		$ -		$ -		$ -
23	4-Inch Asphalt Pavement Patch (Two Lifts)	S.Y.	45.00	$132.00	$ 5,940.00		$ -	4.00	$ 528.00	4.00	$ 528.00
TOTAL ALL MISC. STORM SEWER REPAIRS - VARIOUS LOCATIONS					**$ 17,440.00**		**$ -**		**$ 8,528.00**		**$ 8,528.00**
Miscellaneous Hydrant Repairs - Various Locations											
24	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	30.00	$100.00	$ 3,000.00		$ -		$ -		$ -
25	Remove & Replace Hydrant Assembly and Valve - Slurry	EA.	2.00	$12,500.00	$ 25,000.00		$ -	2.00	$ 25,000.00	2.00	$ 25,000.00
26	4-Inch Asphalt Pavement Patch (Two Lifts)	S.Y.	25.00	$132.00	$ 3,300.00		$ -		$ -		$ -
27	Restoration - Topsoil and Sod	S.Y.	20.00	$40.00	$ 800.00		$ -		$ -		$ -
TOTAL ALL MISC. HYDRANT REPAIRS - VARIOUS LOCATIONS					**$ 32,100.00**		**$ -**		**$ 25,000.00**		**$ 25,000.00**
Miscellaneous Water Valve Repairs - Various Locations											
28	8-Inch Water Main Valve Remove & Replace - Slurry Backfill	EA.	1.00	$10,000.00	$ 10,000.00		$ -	2.00	$ 20,000.00	2.00	$ 20,000.00
29	6-Inch Water Main Valve Remove & Replace - Slurry Backfill	EA.	4.00	$9,500.00	$ 38,000.00		$ -	3.00	$ 28,500.00	3.00	$ 28,500.00
30	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	30.00	$60.00	$ 1,800.00		$ -		$ -		$ -

Adapted from EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Utilities Program								Application Date:				5/20/2025
Application Period:	Start to 5/11/2025							Owner's Contract No.:		2025 Utilites Program		
								Engineer's Project No.:		09-10119.300		
A	B	C	D	E	F	G	H	I	J	K	L	
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date		
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	
31	4-Inch Asphalt Pavement Patch (Two Lifts)	S.Y.	60.00	$132.00	$ 7,920.00		$ -	**50.00**	$ 6,600.00	**50.00**	$ 6,600.00	
32	Restoration - Topsoil and Sod	S.Y.	10.00	$40.00	$ 400.00		$ -		$ -		$ -	
TOTAL ALL MISC. VALVE REPAIRS - VARIOUS LOCATIONS					**$ 58,120.00**		**$ -**		**$ 55,100.00**		**$ 55,100.00**	
Common to All Miscellaneous Utility Repairs - Various Locations												
33	Traffic Control, Signage & Barricades -Misc. Locations	L.S.	1.00	$35,000.00	$ 35,000.00		$ -	**0.50**	$ 17,500.00	**0.50**	$ 17,500.00	
34	Erosion Control - Misc. Locations	L.S.	1.00	$1,000.00	$ 1,000.00		$ -	**0.50**	$ 500.00	**0.50**	$ 500.00	
35	Crushed Aggregate Base Course	TON	30.00	$100.00	$ 3,000.00		$ -		$ -		$ -	
TOTAL ALL COMMON TO ALL - VARIOUS LOCATIONS					**$ 39,000.00**		**$ -**		**$ 18,000.00**		**$ 18,000.00**	
TOTAL BID ITEMS 1-35					**$ 295,308.00**		**$ -**		**$ 153,834.64**		**$ 153,834.64**	
ADDITIONAL ITEMS												
					$ -		$ -		$ -		$ -	
					$ -		$ -		$ -		$ -	
TOTAL ADDITIONAL ITEMS					**$ -**		**$ -**		**$ -**		**$ -**	
TOTAL ALL ITEMS					**$ 295,308.00**		**$ -**		**$ 153,834.64**		**$ 153,834.64**	

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Contractor's Application for Payment No. 1

	Application Date: 5/16/2025	**Application Period:**	4/30/2025-5/6/2025
To (Owner): Village of Hartland	**From** (Contractor): Wolf Paving Co., Inc.	**Via** (Engineer):	**Ruekert & Mielke, Inc.**
Contact: Tom Jenson	**Contact:** Craig Lemke	**Contact:**	Peter W. Gesch, P.E.
Project: 2025 Paving Program	**Address:** 1320 Walnut Ridge Drive, Suite 100 Hartland, WI 53029	**Address:**	W233 N2080 Ridgeview Parkway Waukesha, WI 53188
Owner's Contract No.:	**Contractor's Project No.:** 25.20023	**Engineer's Project No.:**	09-10120.300

Change Order Summary

Approved Change Orders

Number	Additions	Deductions (Enter as Positive Number)
TOTALS		
NET CHANGE BY CHANGE ORDERS		

1.	**ORIGINAL CONTRACT PRICE**	$ 1,467,878.55
2.	**Net change by Change Orders**	$ -
3.	**CURRENT CONTRACT PRICE (Line 1 + Line 2)**	$ 1,467,878.55
4.	**TOTAL COMPLETED TO DATE (Column L Total on Progress Estimates)**	$ 104,914.60
5.	**RETAINAGE:**	
	a. 5% X $104,914.60 **Work Completed**	$ 5,245.73
6.	**RETAINAGE REDUCTION TO DATE (Enter as Positive Number)**	$
7.	**AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5a. + Line 6)**	$ 99,668.87
8.	**LESS PREVIOUS PAYMENTS (Line 7 from Prior Application)**	$ -
9.	**AMOUNT DUE THIS APPLICATION**	$ 99,668.87

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge:

(1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment;

(2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner per Article 15 of the General Conditions; and

(3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:	**Date:** 05/20/2025

Payment of: $ **$99,668.87**
(Line 9 or other - attach explanation of the other amount)

Recommended by: Peter W. Gesch, P.E.(Engineer) — 5/20/2025 (Date)

Payment of: $ _____
(Line 9 or other - attach explanation of the other amount)

Approved by: _____ (Owner) — _____ (Date)

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Filepath
01 Contractors Application for Payment No. 01 - 2025 Paving Program (Summary)

Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Paving Program								Application Date:		5/16/2025	
Application Period: 4/30/2025-5/6/2025								Owner's Contract No.:			
								Engineer's Project No.:		09-10120.300	
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
	East Park Avenue										
1	Traffic Control	L.S.	1.00	$ 13,000.00	$ 13,000.00		$ -	**1.00**	$ 13,000.00	**1.00**	$ 13,000.00
2	Erosion Control	L.S.	1.00	$ 385.00	$ 385.00		$ -	**1.00**	$ 385.00	**1.00**	$ 385.00
3	Mill & Remove 2 Inches of Asphalt	S.Y.	5,300.00	$ 2.60	$ 13,780.00		$ -	**4,900.00**	$ 12,740.00	**4,900.00**	$ 12,740.00
4	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	175.00	$ 76.00	$ 13,300.00		$ -	**141.00**	$ 10,716.00	**141.00**	$ 10,716.00
5	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	500.00	$ 23.00	$ 11,500.00		$ -		$ -		$ -
6	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$ 85.00	$ 1,275.00		$ -		$ -		$ -
7	6-Inch Concrete Driveway Replacement	S.F.	20.00	$ 24.25	$ 485.00		$ -	**215.00**	$ 5,213.75	**215.00**	$ 5,213.75
8	3-Inch Asphalt Binder Patch	S.Y.	500.00	$ 27.00	$ 13,500.00		$ -	**234.00**	$ 6,318.00	**234.00**	$ 6,318.00
9	2 1/4 - Inch Asphalt Surface Course	TON	750.00	$ 75.00	$ 56,250.00		$ -	**608.93**	$ 45,669.75	**608.93**	$ 45,669.75
10	Adjust Manhole	EA.	7.00	$1,150.00	$ 8,050.00		$ -	**5.00**	$ 5,750.00	**5.00**	$ 5,750.00
11	Adjust Valve Box	EA.	11.00	$125.00	$ 1,375.00		$ -		$ -		$ -
12	Epoxy Striping - 18-Inch White Stop Bar	L.F.	46.00	$17.60	$ 809.60		$ -	**49.00**	$ 862.40	**49.00**	$ 862.40
13	Epoxy Striping - 6-Inch Cross Walk	L.F.	220.00	$5.90	$ 1,298.00		$ -	**183.00**	$ 1,079.70	**183.00**	$ 1,079.70
14	Restoration - Topsoil & Sod	S.Y.	40.00	$35.00	$ 1,400.00		$ -	**16.00**	$ 560.00	**16.00**	$ 560.00
	Total All East Park Avenue				**$ 136,407.60**		**$ -**		**$ 102,294.60**		**$ 102,294.60**
	West Park Avenue										
15	Traffic Control	L.S.	1.00	$2,500.00	$ 2,500.00		$ -		$ -		$ -
16	Erosion Control	L.S.	1.00	$220.00	$ 220.00		$ -	**1.00**	$ 220.00	**1.00**	$ 220.00
17	Mill & Remove 2 Inches of Asphalt	S.Y.	2,675.00	$2.59	$ 6,928.25		$ -		$ -		$ -
18	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	100.00	$80.00	$ 8,000.00		$ -		$ -		$ -
19	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	350.00	$24.00	$ 8,400.00		$ -		$ -		$ -
20	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$85.00	$ 1,275.00		$ -		$ -		$ -
21	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
22	3-Inch Asphalt Binder Patch	S.Y.	350.00	$26.00	$ 9,100.00		$ -		$ -		$ -
23	2 1/4 - Inch Asphalt Surface Course	TON	370.00	$74.00	$ 27,380.00		$ -		$ -		$ -
24	Adjust Manhole	EA.	3.00	$1,150.00	$ 3,450.00		$ -		$ -		$ -
25	Remove & Replace Manhole Frame & Cover	EA.	1.00	$1,200.00	$ 1,200.00		$ -		$ -		$ -
26	Adjust Valve Box	EA.	3.00	$125.00	$ 375.00		$ -		$ -		$ -
27	Epoxy Striping - 18-Inch White Stop Bar	L.F.	30.00	$17.60	$ 528.00		$ -		$ -		$ -
28	Restoration - Topsoil & Sod	S.Y.	25.00	$35.00	$ 875.00		$ -		$ -		$ -
	Total All West Park Avenue				**$ 70,716.25**		**$ -**		**$ 220.00**		**$ 220.00**
	W. Capitol Drive										
29	Traffic Control	L.S.	1.00	$8,000.00	$ 8,000.00		$ -		$ -		$ -
30	Erosion Control	L.S.	1.00	$495.00	$ 495.00		$ -		$ -		$ -
31	Mill & Remove 2 1/4 Inches of Asphalt	S.Y.	11,700.00	$2.60	$ 30,420.00		$ -		$ -		$ -
32	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	325.00	$72.55	$ 23,578.75		$ -		$ -		$ -
33	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	1,700.00	$22.00	$ 37,400.00		$ -		$ -		$ -
34	3-Inch Asphalt Driveway Replacement	S.Y.	25.00	$65.00	$ 1,625.00		$ -		$ -		$ -

Adapted from EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Paving Program								Application Date:			5/16/2025
Application Period: 4/30/2025-5/6/2025								Owner's Contract No.: Engineer's Project No.:			09-10120.300
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
35	6-Inch Concrete Driveway Replacement	S.F.	30.00	$24.25	$ 727.50		$ -		$ -		$ -
36	3-Inch Asphalt Binder Patch	S.Y.	1,700.00	$25.00	$ 42,500.00		$ -		$ -		$ -
37	2 1/2 - Inch Asphalt Surface Course	TON	1,700.00	$73.00	$ 124,100.00		$ -		$ -		$ -
38	Adjust Utility Manhole	EA.	7.00	$1,150.00	$ 8,050.00		$ -		$ -		$ -
39	Adjust Manhole	EA.	12.00	$1,150.00	$ 13,800.00		$ -		$ -		$ -
40	Adjust Valve Box	EA.	7.00	$125.00	$ 875.00		$ -		$ -		$ -
41	Remove & Replace Valve Box Top Section	EA.	1.00	$800.00	$ 800.00		$ -		$ -		$ -
42	Straighten Water Valve Box Top Section	EA.	2.00	$500.00	$ 1,000.00		$ -		$ -		$ -
43	Remove & Replace Manhole Frame & Cover	EA.	8.00	$1,200.00	$ 9,600.00		$ -		$ -		$ -
44	Epoxy Striping - 4" Yellow	L.F.	6,000.00	$2.05	$ 12,300.00		$ -		$ -		$ -
45	Epoxy Striping - 18-Inch White Stop Bar	L.F.	20.00	$17.60	$ 352.00		$ -		$ -		$ -
46	Epoxy Striping - 6-Inch Cross Walk	L.F.	144.00	$5.90	$ 849.60		$ -		$ -		$ -
47	Restoration - Topsoil & Sod	S.Y.	40.00	$35.00	$ 1,400.00		$ -		$ -		$ -
	Total All W. Capitol Drive				**$ 317,872.85**		**$ -**		**$ -**		**$ -**
	River Reserve Drive										
48	Traffic Control	L.S.	1.00	$1,300.00	$ 1,300.00		$ -		$ -		$ -
49	Erosion Control	L.S.	1.00	$275.00	$ 275.00		$ -		$ -		$ -
50	Pulverize & Reshape	S.Y.	3,350.00	$2.90	$ 9,715.00		$ -		$ -		$ -
51	Remove Excess Material	**S.Y.**	**3,350.00**	**$3.00**	$ 10,050.00		$ -		$ -		$ -
52	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	150.00	$66.40	$ 9,960.00		$ -		$ -		$ -
53	4-Inch Concrete Sidewalk & ADA Ramps	S.F.	200.00	$23.30	$ 4,660.00		$ -		$ -		$ -
54	Detectable Warning Fields	S.F.	20.00	$60.00	$ 1,200.00		$ -		$ -		$ -
55	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	800.00	$22.00	$ 17,600.00		$ -		$ -		$ -
56	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$63.00	$ 945.00		$ -		$ -		$ -
57	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
58	2 1/2 - Inch Asphalt Binder Course	S.Y.	3,350.00	$9.60	$ 32,160.00		$ -		$ -		$ -
59	1 1/2 - Inch Asphalt Surface Course	S.Y.	3,350.00	$6.80	$ 22,780.00		$ -		$ -		$ -
60	Adjust Manhole	EA.	6.00	$1,150.00	$ 6,900.00		$ -		$ -		$ -
61	Remove & Replace Manhole Frame & Cover	EA.	1.00	$1,200.00	$ 1,200.00		$ -		$ -		$ -
62	Adjust Valve Box	EA.	4.00	$125.00	$ 500.00		$ -		$ -		$ -
63	Epoxy Striping - 18-Inch White Stop Bar	L.F.	35.00	$17.60	$ 616.00		$ -		$ -		$ -
64	Epoxy Striping - 6-Inch Cross Walk	L.F.	315.00	$5.60	$ 1,764.00		$ -		$ -		$ -
65	Restoration - Topsoil & Sod	S.Y.	35.00	$35.00	$ 1,225.00		$ -		$ -		$ -
	Total All River Reserve Drive				**$ 123,335.00**		**$ -**		**$ -**		**$ -**
	Kestrel Way										
66	Traffic Control	L.S.	1.00	$2,250.00	$ 2,250.00		$ -		$ -		$ -
67	Erosion Control	L.S.	1.00	$550.00	$ 550.00		$ -		$ -		$ -
68	Pulverize & Reshape	S.Y.	7,550.00	$2.40	$ 18,120.00		$ -		$ -		$ -
69	Remove Excess Material	S.Y.	7,550.00	$3.00	$ 22,650.00		$ -		$ -		$ -

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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Paving Program								Application Date:			5/16/2025
Application Period: 4/30/2025-5/6/2025								Owner's Contract No.: Engineer's Project No.:			09-10120.300
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
70	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	300.00	$65.30	$ 19,590.00		$ -		$ -		$ -
71	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	1,875.00	$14.00	$ 26,250.00		$ -		$ -		$ -
72	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$63.00	$ 945.00		$ -		$ -		$ -
73	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
74	2 1/2 - Inch Asphalt Binder Course	S.Y.	7,550.00	$9.60	$ 72,480.00		$ -		$ -		$ -
75	1 1/2 - Inch Asphalt Surface Course	S.Y.	7,550.00	$ 6.80	$ 51,340.00		$ -		$ -		$ -
76	Adjust Manhole	EA.	19.00	$ 1,150.00	$ 21,850.00		$ -		$ -		$ -
77	Adjust Valve Box	EA.	4.00	$ 125.00	$ 500.00		$ -		$ -		$ -
78	Epoxy Striping - 18-Inch White Stop Bar	L.F.	30.00	$ 17.60	$ 528.00		$ -		$ -		$ -
79	Restoration - Topsoil & Sod	S.Y.	70.00	$ 35.00	$ 2,450.00		$ -		$ -		$ -
	Total All Kestrel Way				**$ 239,988.00**		**$ -**		**$ -**		**$ -**
	Switch Grass Court										
80	Traffic Control	L.S.	1.00	$ 900.00	$ 900.00		$ -		$ -		$ -
81	Erosion Control	L.S.	1.00	$ 165.00	$ 165.00		$ -		$ -		$ -
82	Pulverize & Reshape	S.Y.	2,625.00	$ 3.00	$ 7,875.00		$ -		$ -		$ -
83	Remove Excess Material	S.Y.	2,625.00	$3.11	$ 8,163.75		$ -		$ -		$ -
84	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	100.00	$67.60	$ 6,760.00		$ -		$ -		$ -
85	4-Inch Concrete Sidewalk & ADA Ramps	S.F.	200.00	$23.30	$ 4,660.00		$ -		$ -		$ -
86	Detectable Warning Fields	S.F.	20.00	$60.00	$ 1,200.00		$ -		$ -		$ -
87	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	900.00	$23.00	$ 20,700.00		$ -		$ -		$ -
88	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$63.00	$ 945.00		$ -		$ -		$ -
89	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
90	2 1/2 - Inch Asphalt Binder Course	S.Y.	2,625.00	$9.60	$ 25,200.00		$ -		$ -		$ -
91	1 1/2 - Inch Asphalt Surface Course	S.Y.	2,625.00	$6.80	$ 17,850.00		$ -		$ -		$ -
92	Adjust Manhole	EA.	4.00	$1,150.00	$ 4,600.00		$ -		$ -		$ -
93	Adjust Valve Box	EA.	2.00	$125.00	$ 250.00		$ -		$ -		$ -
94	Epoxy Striping - 18-Inch White Stop Bar	L.F.	14.00	$17.60	$ 246.40		$ -		$ -		$ -
95	Restoration - Topsoil & Sod	S.Y.	30.00	$35.00	$ 1,050.00		$ -		$ -		$ -
	Total All Switch Grass Court				**$ 101,050.15**		**$ -**		**$ -**		**$ -**
	Prairie Grass Court										
96	Traffic Control	L.S.	1.00	$900.00	$ 900.00		$ -		$ -		$ -
97	Erosion Control	L.S.	1.00	$330.00	$ 330.00		$ -		$ -		$ -
98	Pulverize & Reshape	S.Y.	3,140.00	$3.00	$ 9,420.00		$ -		$ -		$ -
99	Remove Excess Material	S.Y.	3,140.00	$3.15	$ 9,891.00		$ -		$ -		$ -
100	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	100.00	$67.50	$ 6,750.00		$ -		$ -		$ -
101	4-Inch Concrete Sidewalk & ADA Ramps	S.F.	200.00	$23.30	$ 4,660.00		$ -		$ -		$ -
102	Detectable Warning Fields	S.F.	20.00	$60.00	$ 1,200.00		$ -		$ -		$ -
103	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	925.00	$23.00	$ 21,275.00		$ -		$ -		$ -
104	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$63.00	$ 945.00		$ -		$ -		$ -

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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Paving Program								Application Date:			5/16/2025
Application Period: 4/30/2025-5/6/2025								Owner's Contract No.: Engineer's Project No.: 09-10120.300			
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
105	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
106	2 1/2 - Inch Asphalt Binder Course	S.Y.	3,140.00	$9.60	$ 30,144.00		$ -		$ -		$ -
107	1 1/2 - Inch Asphalt Surface Course	S.Y.	3,140.00	$6.80	$ 21,352.00		$ -		$ -		$ -
108	Adjust Manhole	EA.	4.00	$1,150.00	$ 4,600.00		$ -		$ -		$ -
109	Adjust Valve Box	EA.	1.00	$125.00	$ 125.00		$ -		$ -		$ -
110	Epoxy Striping - 18-Inch White Stop Bar	L.F.	14.00	$17.60	$ 246.40		$ -		$ -		$ -
111	Restoration - Topsoil & Sod	S.Y.	30.00	$35.00	$ 1,050.00		$ -		$ -		$ -
	Total All Prairie Grass Court				**$ 113,373.40**		**$ -**		**$ -**		**$ -**
	River Grove Lane										
112	Traffic Control	L.S.	1.00	$900.00	$ 900.00		$ -		$ -		$ -
113	Erosion Control	L.S.	1.00	$275.00	$ 275.00		$ -		$ -		$ -
114	Pulverize & Reshape	S.Y.	1,800.00	$3.20	$ 5,760.00		$ -		$ -		$ -
115	Remove Excess Material	S.Y.	1,800.00	$3.15	$ 5,670.00		$ -		$ -		$ -
116	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	120.00	$66.25	$ 7,950.00		$ -		$ -		$ -
117	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	720.00	$23.00	$ 16,560.00		$ -		$ -		$ -
118	6-Inch Concrete Driveway Replacement	S.F.	15.00	$24.25	$ 363.75		$ -		$ -		$ -
119	2 1/2 - Inch Asphalt Binder Course	S.Y.	1,800.00	$9.80	$ 17,640.00		$ -		$ -		$ -
120	1 1/2 - Inch Asphalt Surface Course	S.Y.	1,800.00	$7.10	$ 12,780.00		$ -		$ -		$ -
121	Adjust Manhole	EA.	3.00	$1,150.00	$ 3,450.00		$ -		$ -		$ -
122	Adjust Valve Box	EA.	1.00	$125.00	$ 125.00		$ -		$ -		$ -
123	Epoxy Striping - 18-Inch White Stop Bar	L.F.	14.00	$17.60	$ 246.40		$ -		$ -		$ -
124	Restoration - Topsoil & Sod	S.Y.	28.00	$35.00	$ 980.00		$ -		$ -		$ -
	Total All River Grove Lane				**$ 72,700.15**		**$ -**		**$ -**		**$ -**
	Westlynn Court										
125	Traffic Control	L.S.	1.00	$900.00	$ 900.00		$ -		$ -		$ -
126	Erosion Control	L.S.	1.00	$110.00	$ 110.00		$ -		$ -		$ -
127	Pulverize & Reshape	S.Y.	1,695.00	$3.20	$ 5,424.00		$ -		$ -		$ -
128	Remove Excess Material	S.Y.	1,695.00	$3.15	$ 5,339.25		$ -		$ -		$ -
129	30-Inch Concrete Curb & Gutter Remove & Replace	L.F.	125.00	$66.00	$ 8,250.00		$ -		$ -		$ -
130	4-Inch Concrete Sidewalk & ADA Ramps	S.F.	200.00	$23.30	$ 4,660.00		$ -		$ -		$ -
131	Detectable Warning Fields	S.F.	20.00	$60.00	$ 1,200.00		$ -		$ -		$ -
132	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	700.00	$23.00	$ 16,100.00		$ -		$ -		$ -
133	3-Inch Asphalt Driveway Replacement	S.Y.	15.00	$63.00	$ 945.00		$ -		$ -		$ -
134	6-Inch Concrete Driveway Replacement	S.F.	20.00	$24.25	$ 485.00		$ -		$ -		$ -
135	2 1/2 - Inch Asphalt Binder Course	S.Y.	1,695.00	$9.80	$ 16,611.00		$ -		$ -		$ -
136	1 1/2 - Inch Asphalt Surface Course	S.Y.	1,695.00	$7.10	$ 12,034.50		$ -		$ -		$ -
137	Adjust Manhole	EA.	2.00	$1,150.00	$ 2,300.00		$ -		$ -		$ -
138	Adjust Valve Box	EA.	1.00	$125.00	$ 125.00		$ -		$ -		$ -
139	Epoxy Striping - 18-Inch White Stop Bar	L.F.	14.00	$17.60	$ 246.40		$ -		$ -		$ -

Adapted from EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment No. 1

For (Project): 2025 Paving Program								Application Date:			5/16/2025
Application Period:	4/30/2025-5/6/2025							Owner's Contract No.:			
								Engineer's Project No.:			09-10120.300
A	B	C	D	E	F	G	H	I	J	K	L
						Work Completed Previously		Work Completed This Period		Total Work Completed to Date	
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)	Estimated Quantity Installed	Value of Work Installed ($)
140	Epoxy Striping - 6-Inch Cross Walk	L.F.	70.00	$5.90	$ 413.00		$ -		$ -		$ -
141	Restoration - Topsoil & Sod	S.Y.	25.00	$35.00	$ 875.00		$ -		$ -		$ -
	Total All Westlynn Court				**$ 76,018.15**		**$ -**		**$ -**		**$ -**
	Cemetery Road Repair										
142	Traffic Control	L.S.	1.00	$500.00	$ 500.00		$ -		$ -		$ -
143	Pulverize & Reshape	S.Y.	3,200.00	$2.85	$ 9,120.00		$ -		$ -		$ -
144	Remove Excess Material	S.Y.	3,200.00	$3.71	$ 11,872.00		$ -		$ -		$ -
145	Base Patching - Remove & Replace 12-Inch of Material	S.Y.	1,750.00	$22.00	$ 38,500.00		$ -		$ -		$ -
146	2 1/2 - Inch Asphalt Binder Course	S.Y.	3,200.00	$9.80	$ 31,360.00		$ -		$ -		$ -
147	1 1/2 - Inch Asphalt Surface Course	S.Y.	3,200.00	$7.10	$ 22,720.00		$ -		$ -		$ -
148	Restoration - Topsoil & Sod	S.Y.	500.00	$15.00	$ 7,500.00		$ -		$ -		$ -
	Total All Cemetery Road Repair				**$ 121,572.00**		**$ -**		**$ -**		**$ -**
	Cottonwood Avenue Median Modifications										
149	Traffic Control	L.S.	1.00	$2,500.00	$ 2,500.00		$ -		$ -		$ -
150	Remove Existing Concrete Median	L.F.	20.00	$100.00	$ 2,000.00		$ -		$ -		$ -
151	Concrete Plow Nose (9-Bag Concrete)	EA.	1.00	$700.00	$ 700.00		$ -		$ -		$ -
152	Crushed Aggregate Base Course	TON	10.00	$50.00	$ 500.00		$ -		$ -		$ -
153	6" Concrete Pavement (9-Bag Concrete)	S.F.	80.00	$35.00	$ 2,800.00		$ -		$ -		$ -
	Total All Cottonwood Avenue Median Modifications				**$ 8,500.00**		**$ -**		**$ -**		**$ -**
	Asphalt Pavement Patching										
154	Asphalt Pavement Patching - Miscellaneous Areas	S.Y.	525.00	$65.00	$ 34,125.00		$ -		$ -		$ -
	Total All Asphalt Pavement Patching				**$ 34,125.00**		**$ -**		**$ -**		**$ -**
	Common to All Project Areas										
155	Additional Remove and Replace Valve Box Top Section (If ne	EA.	25.00	$800.00	$ 20,000.00		$ -	3.00	$ 2,400.00	3.00	$ 2,400.00
156	Excavation Below Subgrade (EBS) (If needed)	C.Y.	40.00	$46.50	$ 1,860.00		$ -		$ -		$ -
157	Geogrid Subgrade Reinforcement (If Needed)	S.Y.	250.00	$5.00	$ 1,250.00		$ -		$ -		$ -
158	Excavation Below Subgrade (EBS) Backfill - 3-Inch TB (If	TON	80.00	$32.00	$ 2,560.00		$ -		$ -		$ -
159	Crushed Aggregate Base Course (If needed)	TON	50.00	$31.00	$ 1,550.00		$ -		$ -		$ -
160	Allowance for Additional Work (If needed)	L.S.	1.00	$25,000.00	$ 25,000.00		$ -		$ -		$ -
	Total All Common to All Project Areas				**$ 52,220.00**		**$ -**		**$ 2,400.00**		**$ 2,400.00**
TOTAL OF ALL ESTIMATED PRICES (ITEMS 1 - 160)					**$ 1,467,878.55**		**$ -**		**$ 104,914.60**		**$ 104,914.60**
ADDITIONAL ITEMS											
					$ -		$ -		$ -		$ -
					$ -		$ -		$ -		$ -
TOTAL ADDITIONAL ITEMS					**$ -**		**$ -**		**$ -**		**$ -**
TOTAL ALL ITEMS					**$ 1,467,878.55**		**$ -**		**$ 104,914.60**		**$ 104,914.60**

Adapted from EJCDC C-620 Contractor's Application for Payment
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To: Village President & Board of Trustees
From: Tonia Smith, Fiscal Clerk
Date: May 21, 2025
RE: Voucher List

Attached is the voucher list for the
May 27, 2025 Village Board Meeting

May 27, 2025 Checks:	$	363,646.03
Total Amount of all Checks:	$	363,646.03

VILLAGE OF HARTLAND
VOUCHER LIST - MAY 27, 2025

Account Descr	Search Name	Comments	Amount
G 101-23000 SPECIAL DEPOSITS	CORRECT CONCRETE & REMOVAL	205 CHESTNUT RIDGE ROW DEPOSIT REFUND	$2,000.00
G 101-21535 VISION INSURANCE	DELTA DENTAL PLAN OF WISCONSIN	VISION INSURANCE	$378.66
G 101-23000 SPECIAL DEPOSITS	GARDEN GATE NURSERY	202 W CAPITOL DRIVE ROW DEPOSIT REFUND	$2,000.00
G 101-21550 UNION DUES DEDUCTIONS PAYABLE	HARTLAND PROFESSIONAL POLICE	DUES (VOID AND REISSUE)	$408.00
G 101-21550 UNION DUES DEDUCTIONS PAYABLE	HARTLAND PROFESSIONAL POLICE	DUES	$476.00
G 620-14200 CUSTOMER ACCOUNTS RECEIVABLE	HARTLAND WATER & SEWER	M. KELLER LOST CHECK 87011/ REAPPLY TO ACCT	$251.10
G 101-31620 FINE ARTS CENTER DONATIONS	HUCKSTEP, DEVON	THURSDAY NIGHT CONCERT 5/29/25	$300.00
G 101-31620 FINE ARTS CENTER DONATIONS	NEUBERGER, JON	THURSDAY NIGHT CONCERT 06/05/25	$65.00
G 101-31620 FINE ARTS CENTER DONATIONS	WANGERIN, MYLES	THURSDAY NIGHT CONCERTS 6/5/25	$425.00
			$6,303.76
AMBULANCE			
E 101-52300-300 OPERATING SUPPLIES/EXPENSES	AIRGAS USA LLC	OXYGEN CYLINDER	$129.10
E 101-52300-300 OPERATING SUPPLIES/EXPENSES	BOUND TREE MEDICAL	VARIOUS MEDICAL SUPPLIES	$450.80
E 101-52300-300 OPERATING SUPPLIES/EXPENSES	HENRY SCHEIN INC.	VARIOUS MEDICAL SUPPLIES	$109.35
E 101-52300-300 OPERATING SUPPLIES/EXPENSES	HENRY SCHEIN INC.	VARIOUS MEDICAL SUPPLIES	$95.09
E 101-52300-300 OPERATING SUPPLIES/EXPENSES	PROSHRED SECURITY	SHREDDING SERVICES	$85.00
AMBULANCE			$869.34
CEMETERY			
E 101-54910-365 BLDGS/GROUNDS MAINT EXPENSE	BIEBELS TRUE VALUE	FAST ACTING LIME	$44.95
E 101-54910-365 BLDGS/GROUNDS MAINT EXPENSE	INSIGHT FS	WEED CONTROL	$530.22
CEMETERY			$575.17
ECONOMIC DEVELOPMENT			
E 804-56700-715 STREETSCAPE PROGRAM	BIRCH & BANYAN COFFEE LLC	HARTLAND IN BLOOM GRANT	$250.00
E 804-56700-715 STREETSCAPE PROGRAM	ENGE, LUCAS	HARTLAND IN BLOOM GRANT	$91.57
E 804-56700-715 STREETSCAPE PROGRAM	HALASKA, HANS J	HARTLAND IN BLOOM GRANT	$250.00
E 804-56700-715 STREETSCAPE PROGRAM	RODENBAUGH, HEIDI	HARTALND IN BLOOM GRANT	$69.04
E 804-56700-715 STREETSCAPE PROGRAM	SELBY, JULIE	HARTLAND IN BLOOM GRANT	$141.55
E 804-56700-715 STREETSCAPE PROGRAM	THEIA VISION CARE	HARTLAND IN BLOOM GRANT	$250.00
ECONOMIC DEVELOPMENT			$1,052.16
ENVIRONMENTAL SERVICES			
E 101-53635-460 LANDSCAPE MANAGEMENT	INSIGHT FS	WEED CONTROL	$530.21
ENVIRONMENTAL SERVICES			$530.21
FINANCIAL ADMINISTRATION			
E 101-51500-290 OUTSIDE SERVICES/CONTRACTS	DIVERSIFIED BENEFIT SERVICES	MAY FSA FEES	$94.25
E 101-51500-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	CLOUD BACKUP	$56.67

Account Descr	Search Name	Comments	Amount
E 101-51500-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$314.04
FINANCIAL ADMINISTRATION			$464.96
FIRE PROTECTION			
E 101-52200-360 VEHICLE MAINT/EXPENSE	10-33 VEHICLE SERVICES	4388 REPAIRS	$560.95
E 101-52200-255 BLDGS/GROUNDS	BIEBELS TRUE VALUE	COUPLINGS/ NIPPLES RETURNS	-$6.61
E 101-52200-255 BLDGS/GROUNDS	BIEBELS TRUE VALUE	COUPLINGS/ NIPPLES	$36.51
E 101-52200-300 OPERATING SUPPLIES/EXPENSES	BIEBELS TRUE VALUE	ENAMEL/ BAR KEEPERS	$18.28
E 101-52200-300 OPERATING SUPPLIES/EXPENSES	FITNESS MACHINE TECHNICIANS	PREVENTATIVE MAINTENANCE	$325.00
E 101-52200-255 BLDGS/GROUNDS	HARTLAND OVERHEAD DOOR	OVERHEAD DOOR ANNUAL SERVICE AND REPLACE	$788.25
E 101-52200-300 OPERATING SUPPLIES/EXPENSES	MACQUEEN	GEAR REPAIR	$217.02
E 101-52200-255 BLDGS/GROUNDS	PIONEER SUPPLY LLC	PAPER TOWELS	$180.00
E 101-52200-300 OPERATING SUPPLIES/EXPENSES	THOMAS, BRYAN	REISSUE - WOOD FOR FORCIBLE ENTRY DOOR	$14.35
E 101-52200-300 OPERATING SUPPLIES/EXPENSES	WAUKESHA CTY EMERGENCY MAN	ID CARDS	$1.71
FIRE PROTECTION			$2,135.46
GENERAL ADMINISTRATION			
E 101-51400-395 COMMUNITY RELATIONS	CIVIC PLUS	WEBSITE HOSTING	$2,518.63
E 101-51400-395 COMMUNITY RELATIONS	FOX BROS PIGGLY WIGGLY	EMPLOYEE APPRECIATION LUNCH	$137.26
E 101-51400-395 COMMUNITY RELATIONS	HOME DEPOT	SOD FOR HARTLAND SCULPTURE	$199.60
E 101-51400-210 LEGAL SERVICES	LAW OFFICE OF KIMBERLY KERSHEK	LEGAL SERVICES	$1,200.00
E 101-51400-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$262.50
E 101-51400-290 OUTSIDE SERVICES/CONTRACTS	PITNEY BOWES LEASE	MAIL MACHINE SERVICES 0012733096	$379.89
E 101-51400-210 LEGAL SERVICES	VON BRIESEN & ROPER	LEGAL SERVICES	$7,359.00
GENERAL ADMINISTRATION			$12,056.88
LAW ENFORCEMENT			
E 101-52100-360 VEHICLE MAINT/EXPENSE	10-33 VEHICLE SERVICES	SQ#2 REPLACE LIGHT IN LIGHTBAR	$100.40
E 101-52100-300 OPERATING SUPPLIES/EXPENSES	BIEBELS TRUE VALUE	BATTERIES	$22.36
E 101-52100-300 OPERATING SUPPLIES/EXPENSES	FLEMINGS FIRE 1, INC.	FIRE EXTINGUISHER RECHARGE	$71.05
E 101-52100-360 VEHICLE MAINT/EXPENSE	HARTLAND SERVICE INC	SQ#4 CABIN FILTER AND MOUNT REGULAR TIRES	$281.35
E 101-52100-360 VEHICLE MAINT/EXPENSE	HARTLAND SERVICE INC	SQ#5 MOUNT TIRES	$232.12
E 101-52100-300 OPERATING SUPPLIES/EXPENSES	HOFFA, PAULA	ICAC CONFERENCE MEALS	$65.13
E 101-52100-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$525.00
E 101-52100-300 OPERATING SUPPLIES/EXPENSES	SUNSET LAW ENFORCEMENT	HORN 9MM LUGAR	$1,173.20
LAW ENFORCEMENT			$2,470.61
LIBRARY			
E 101-55110-310 BOOKS & MATERIALS	GALE/CENGAGE LEARNING	BOOKS	$243.46
E 101-55110-310 BOOKS & MATERIALS	GALE/CENGAGE LEARNING	BOOKS	$33.61
E 101-55110-310 BOOKS & MATERIALS	GALE/CENGAGE LEARNING	BOOKS	$30.39
E 101-55110-255 BLDGS/GROUNDS	KAESTNER AUTO ELECTRIC CO	FLAGS	$149.97
E 101-55110-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$375.00

Account Descr		Search Name	Comments	Amount
E 101-55110-290	OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	CLOUD BACKUP	$50.00
E 101-55110-310	BOOKS & MATERIALS	PLAYAWAY PRODUCTS	VARIOUS PLAYAWAYS	$137.98
LIBRARY				$1,020.41
LIBRARY SPEC EXPENSE				
E 205-59100-305	EXPENSES-OTHER	HARTLAND INFLATABLBES	INFLATABLES FOR SUMMER READING KICK-OFF EVENT	$685.00
E 205-59100-305	EXPENSES-OTHER	MERCIER, MELLANIE	BRIDGES DIRECTOR RETIREMENT DONATION	$100.00
LIBRARY SPEC EXPENSE				$785.00
MISC STORM SEWER REPAIR				
E 401-74010-285	CONSTRUCTION COSTS	ZIGNEGO COMPANY	MISC STORM REPAIRS	$9,658.08
MISC STORM SEWER REPAIR				$9,658.08
MUNICIPAL BUILDING				
E 101-51600-290	OUTSIDE SERVICES/CONTRACTS	ALSCO	MAT SERVICES	$254.24
E 101-51600-255	BLDGS/GROUNDS	KAESTNER AUTO ELECTRIC CO	FLAGS	$119.99
E 101-51600-290	OUTSIDE SERVICES/CONTRACTS	OTIS ELEVATOR CO	LOGISTICS AND IMPACT FEES	$125.00
MUNICIPAL BUILDING				$499.23
PARK AVENUE				
E 401-70655-285	CONSTRUCTION COSTS	WOLF PAVING CO INC	PARK AVENUE PAVING PROJECT	$99,668.87
PARK AVENUE				$99,668.87
PARKS				
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	BIEBELS TRUE VALUE	RENTAL BED EDGER	$224.00
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	BIEBELS TRUE VALUE	DRAW PULL/ U-BOLT	$10.86
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	FAULKS BROS/WAUPACA SAND	INFIELD SAND MIX	$1,265.69
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	FAULKS BROS/WAUPACA SAND	INFIELD MIX	$1,225.80
E 101-55200-365	BLDGS/GROUNDS MAINT EXPENSE	HOME DEPOT	CONDUIT AND OUTLETS NIXON	$79.42
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	INSIGHT FS	WEED CONTROL FOR PARKS CENTENNIAL	$921.75
E 101-55200-365	BLDGS/GROUNDS MAINT EXPENSE	INSIGHT FS	GRASS SEED	$881.00
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	INSIGHT FS	FIELD CHALK	$387.60
E 101-55200-370	ATHLETIC FACILITY MAINTENANCE	INSIGHT FS	WEED CONTROL FOR PARKS BARK RIVER	$1,849.26
E 101-55200-365	BLDGS/GROUNDS MAINT EXPENSE	OZINGA	CONCRETE FOR NIXON FLAG POLE	$1,008.00
E 101-55200-365	BLDGS/GROUNDS MAINT EXPENSE	PORT-A-JOHN	PORTABLE RESTROOMS	$291.00
E 101-55200-365	BLDGS/GROUNDS MAINT EXPENSE	PORT-A-JOHN	PORTABLE RESTROOMS	$172.00
PARKS				$8,316.38
PLAYGROUND WOOD CHIPS/WEED				
E 401-76140-285	CONSTRUCTION COSTS	ENERCON	WOOD CHIPS FOR PLAYGROUND	$2,530.00
E 401-76140-285	CONSTRUCTION COSTS	ENERCON	WOOD CHIPS FOR PLAYGROUND	$2,530.00
PLAYGROUND WOOD CHIPS/WEED				$5,060.00
PUBLIC WORKS				

Account Descr	Search Name	Comments	Amount
E 101-53000-410 STREETS GEN MAINT	ALL-WAYS CONTRACTORS INC	SCREENED TOPSOIL	$575.00
E 101-53000-290 OUTSIDE SERVICES/CONTRACTS	CONLEY MEDIA LLC	PAVING PROGRAM PUBLIC NOTICE	$141.14
E 101-53000-290 OUTSIDE SERVICES/CONTRACTS	CONLEY MEDIA LLC	LIFT STATION PUBLIC NOTICE	$123.85
E 101-53000-360 VEHICLE MAINT/EXPENSE	EH WOLF	PDFD FUEL	$1,017.14
E 101-53000-360 VEHICLE MAINT/EXPENSE	EH WOLF	NO LEAD FUEL	$2,238.57
E 101-53000-360 VEHICLE MAINT/EXPENSE	EH WOLF	PDF FUEL	$1,457.57
E 101-53000-410 STREETS GEN MAINT	EXECU PRINT	ROAD CLOSED SIGN	$232.00
E 101-53000-410 STREETS GEN MAINT	EXECU PRINT	CARDINAL LANE SIGN	$30.00
E 101-53000-180 OTHER BENEFITS	ITU ABSORBTECH INC	UNIFORM SERVICES	$221.11
E 101-53000-180 OTHER BENEFITS	ITU ABSORBTECH INC	UNIFORM SERVICES	$162.70
E 101-53000-300 OPERATING SUPPLIES/EXPENSES	KAESTNER AUTO ELECTRIC CO	SOD LIFTER	$89.99
E 101-53000-410 STREETS GEN MAINT	KIMBALL MIDWEST	WHEELS	$386.88
E 101-53000-360 VEHICLE MAINT/EXPENSE	KIMBALL MIDWEST	CONCRETE ANCHORS	$255.06
E 101-53000-360 VEHICLE MAINT/EXPENSE	LF GEORGE, INC	BLOCKS FOR CHIPPER	$162.76
E 101-53000-300 OPERATING SUPPLIES/EXPENSES	MENARDS- PEWAUKEE	FOAM BOARD	$29.94
E 101-53000-360 VEHICLE MAINT/EXPENSE	NAPA AUTO PARTS	FILTERS/THREAD CHASER KIT	$216.87
E 101-53000-360 VEHICLE MAINT/EXPENSE	NAPA AUTO PARTS	WHEEL WEIGHTS	$90.42
E 101-53000-360 VEHICLE MAINT/EXPENSE	POMPS TIRE SERVICE INC	TIRES FOR W1	$305.10
PUBLIC WORKS			$7,736.10
RECREATION PROGRAMS/EVENTS			
E 101-55300-304 TBALL	BURGHARDT SPORTING GOODS	T-BALL UNIFORMS	$7,635.75
E 101-55300-290 OUTSIDE SERVICES/CONTRACTS	ELLIOTT, ROBERT	GOLF LESSONS	$1,132.80
E 101-55300-290 OUTSIDE SERVICES/CONTRACTS	FARMER-TIEFENTHALER, SUSAN	ART STUDIO FOR ADULTS	$1,890.40
E 101-55300-290 OUTSIDE SERVICES/CONTRACTS	HOOPER HANDS BASKETBALL AC	SPORTY SHORTY SOCCER	$1,284.80
E 101-55300-300 OPERATING SUPPLIES/EXPENSES	KEYSTONE HATCHERIES	FISH FOR DELAFIELD FISHING CLINIC	$626.97
E 101-55300-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$300.00
RECREATION PROGRAMS/EVENTS			$12,870.72
REFUSE & GARBAGE COLLECTION			
E 201-53620-200 GARBAGE COLLECTION FEES	GFL ENVIRONMENTAL	GARBAGE COLLECTION FEES	$51,161.61
REFUSE & GARBAGE COLLECTION			$51,161.61
SEWER SERVICE			
E 204-53610-290 OUTSIDE SERVICES/CONTRACTS	DIVERSIFIED BENEFIT SERVICES	MAY FSA FEES	$14.50
E 204-53610-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	CLOUD BACKUP	$56.67
E 204-53610-290 OUTSIDE SERVICES/CONTRACTS	ONTECH SYSTEMS, INC	IT SERVICES	$75.00
E 204-53610-800 CAPITAL OUTLAY	ZIGNEGO COMPANY	MISC SANITARY SEWER REPAIRS	$18,939.85
SEWER SERVICE			$19,086.02
STORM SWR CATCH BASIN REPAIR			
E 401-74075-285 CONSTRUCTION COSTS	ZIGNEGO COMPANY	MISC CATCH BASIN REPAIRS	$27,139.64
STORM SWR CATCH BASIN REPAIR			$27,139.64

Account Descr	Search Name	Comments	Amount
WATER UTILITY			
E 620-53700-923 OUTSIDE SERVICES	DIVERSIFIED BENEFIT SERVICES	MAY FSA FEES	$36.25
E 620-53700-635 MAINTENANCE OF TREATMENT PLANT	MARTELLE WATER TREATMENT	SCALE FOR #3 CHLORINE GAS CYLINDER	$3,066.00
E 620-53700-923 OUTSIDE SERVICES	NORTHERN LAKE SERVICE INC	WATER SAMPLE TESTING	$116.00
E 620-53700-923 OUTSIDE SERVICES	NORTHERN LAKE SERVICE INC	WATER SAMPLE TESTING	$87.00
E 620-53700-923 OUTSIDE SERVICES	ONTECH SYSTEMS, INC	IT SERVICES	$75.00
E 620-53700-923 OUTSIDE SERVICES	ONTECH SYSTEMS, INC	CLOUD BACKUP	$56.66
E 620-53700-654 MAINTENANCE OF HYDRANTS	PRICE ENGINEERING	FLUID FILLED PRESSURE GAUGE	$34.14
E 620-53700-673 TRANS&DIST MAINS	ZIGNEGO COMPANY	MISC VALVE REPAIRS	$62,401.52
E 620-53700-678 HYDRANTS	ZIGNEGO COMPANY	MISC HYDRANT REPAIRS	$28,312.85
WATER UTILITY			$94,185.42
			$363,646.03

VILLAGE OF HARTLAND WISCONSIN

210 Cottonwood Avenue
Hartland WI 53029
262-367-2714 FAX: 262-367-2430
www.villageofhartland.wi.gov

SPECIAL EVENT PERMIT APPLICATION

Permit approved	_____	Date	_____
Permit fees paid	_____	Date	_____
Deposit paid	_____	Date	_____
Deposit returned	_____	Date	_____

FEES ARE NON-REFUNDABLE

APPLICATION AND PERMIT FEES ARE REQUESTED 60 DAYS PRIOR TO YOUR EVENT. EVENTS WITHIN 60 DAYS ARE SUBJECT TO DENIAL BY VILLAGE STAFF OR THE VILLAGE BOARD.

ORGANIZATION INFORMATION

Name of Organization: ~~St Jerome School~~ ST JEROME SCHOOL				
Street Address: ~~001 Silver Lake St~~ 1001 SILVER LAKE ST	City: OCONOMOWOC	State: WI	Zip: 53066	
Phone Number: ~~262~~- 262-569-3030	Are you a 501(c)3 Organization? YES	X Yes		No
Event Contact Person (First & Last Name): JAMES KELLY				
Address: 36829 HOLLYHOCK WOODS DR	City: OCONOMOWOC	State: WI	Zip: 53066	
Email: HERMKELLY10@GMAIL.COM	Phone Number: 312-804-3594	Day of Event Phone Number: 312-~~804~~ 804-3594		

If applicant is a partnership, provide names, addresses and phone numbers for all partners. Provide names, addresses and phone numbers for all officers and directors if corporation or members if applicant is a limited-liability company.

EVENT INFORMATION

Name of Event: ST JEROME TALENT SHOW	Date(s) of Event: 6-2-25		
Event Start Time: 6pm	Event End Time: 8:30 pm		
Location of the Event*: NIXON PARK STAGE			
Will your event take place in a Village of Hartland Park?	X Yes		No

You MUST attach a detailed map/diagram of your event indicating the specific location and layout for event including vendors, generators, parking, proposed road closures, structures and portable toilets.

****If you are using a Village Park, you must complete the Park Facility Reservation Application and reserve the park facility prior to getting your special event permit approved by the Village Board.***

OTHER INFORMATION

Generally describe your event and its purpose

6TH GRADE SCHOOL TALENT SHOW

Estimated Number of Participants	Spectators	Vendors
~~35~~ 35	40	

Will alcohol be sold/served? ***If yes, liquor and bartender licenses are necessary under separate application.*** NO	Yes	✓ No
Will you be selling/serving food?	✓ Yes	No
Will you have food trucks? ***If yes, you will need to obtain Outside Food Vendor Permits under separate application.***	✓ Yes	No
If yes, how many food trucks will be at the event?	2-3	
Will you be selling merchandise? ***If yes, you will need to obtain a Solicitor's Permit under separate application.***	Yes	✓ No
Does the event involve fireworks? ***If yes, you will need to obtain a Fireworks Permit under separate application.***	Yes	✓ No
Does the event involve amplified music?	✓ Yes	No
If yes, will the amplified music be a:	Band	✓ DJ
Hours of amplified music:	6- 8pm	

Noise is regulated within the Village of Hartland. The Village ordinance states that no person shall make loud noise such as may tend to unreasonably annoy or disturb the peace and quiet of another in the vicinity. Music for special events shall terminate at 9:00 p.m. if the event held Sunday through Thursday and at 11:00 p.m. if the event is held on a Friday, Saturday or holiday weekend.

Is street closure requested?	Yes	✓ No
Hours of street closure:		
Diagram for Street Closure Provided?	Yes	No
Will you need barricades provided by the Village for your event?	Yes	✓ No
How many barricades needed for your event?		
"Road Closed" signs requested?	Yes	✓ No
Will you be erecting any tents, canopies or other temporary structure(s)? ***If yes, You will need to provide a plan for their proposed locations and the Department of Public Works will need to inspect these structures prior to the start of your event. Tents over 400 sq. feet will require inspection by the Building Inspector.***	Yes	✓ No
Will you be providing portable restrooms and wash stations?	Yes	✓ No

OTHER INFORMATION CONTINUED		
If yes, how many will you provide and where will they be located? Also how will solid waste be disposed of?		
Will you provide parking for participants?	Yes	✓ No
If yes, where will parking be available?		
Will you provide a dumpster/clean-up services?	Yes	✓ No
If yes, please describe your clean-up and refuse collection plan.		
Will the event require additional security?	Yes	✓ No
Will you have an emergency plan in the event of severe weather?	Yes	✓ No
Will the event require first aid and/or emergency responders?	Yes	✓ No

INSURANCE REQUIREMENTS		
The Special Event Sponsor will obtain liability insurance for the event. Proof of this insurance with coverage no less than $1,000,000, must list the Village of Hartland as an additional insured party and is due no later than 20 days before the event.		
Are you able to provide these insurance documents?	Yes	No

DEPOSIT REQUIREMENTS
For events to held in a Village Park:The applicant may be required to submit to the Village a refundable deposit based on number of attendees (see Park Facility Reservation Application). The deposit shall be refunded to applicant, if, upon inspection, all is in order, or a prorated portion thereof as may be necessary to reimburse the Village for loss or cleaning costs. The Village reserves the right to retain the entire deposit if cleanup is not completed satisfactorily in the time frame as specified in the permit. Unless otherwise stated in the permit, the applicant shall be fully responsible for all necessary cleanup associated with the permitted event to be completed within twelve (12) hours after the conclusion of the event.

TERMINATION OF AN EVENT

The Village reserves the right to shut down a special event that is in progress if it is deemed to be a public safety hazard by the Hartland Police Department and/or Fire Department and/or there is a violation of Village Ordinances, State Statutes or the terms of the Applicant's permit. The Village Administrator and/or his/her designee may revoke an approved Special Events Permit if the applicant fails to comply in good faith with the provisions of the permit prior to the event date.

By signing this form, the applicant certifies authorization to act on behalf of their organization and hereby agrees to hold the Village, its officers, employees, agents and contractors, harmless against all claims, liability, loss, damage or expense (including but not limited to actual attorney's fees) incurred by the Village for any damage or injury to person or property caused by or resulting directly or indirectly from the activities for which the permit is granted. Any change to coverage requires Village approval. The applicant is responsible for obtaining all necessary reservations, permits and licenses.

Per cc Kelly — 5-20-25

Signature of Applicant — *Date*

For staff use only

***Park/Rec. Board approval**, if necessary, on:* _____

***Village Board approval**, if necessary, on:* _____

Application forwarded to:

- ☐ *Administrator*
- ☐ *Building Inspector*
- ☐ *Fire Chief*
- ☐ *Police Chief*
- ☐ *Public Works Director*
- ☐ *Rec Director*

Date: _____

DEPT.	APPROVE	DENY	BY	REASON (if denied)
Bldg. Insp.				
Clerk	✓		SPR	
Fire				
Police				
Public Works				
Rec				

Fees

	Outside Food Vendors	X	Special Event Permit	Spec Event
X	Park Facility Fees		Temp. Bartender's	TOTAL FEES 75.00
	Solicitor's Permit(s)		Temp. Class B	

All requirements for this special event have been met.

Village Administrator approval _____ ***Date*** _____

VILLAGE OF HARTLAND
FINE ARTS CENTER RESERVATION APPLICATION

210 Cottonwood Avenue Hartland, WI 53029 Phone 262-367-2714 FAX 262-367-2430

Organization or Individual's Name: St Jerome School

Name of Person In Charge: James Kelly

Telephone Number:(Home) 312-804-3594 (Work) _____ (EMAIL) Hermkelly10@gmai

Address: 36829 Hollyhock Woods Dr, Oconomowoc 53066
Street/Mailing Zip Code

If Above Person Cannot Be Reached: Chrissy Kelly

Telephone Number:(Home) 312-371-7346 (Work) _____ (EMAIL) _____

Address: 36829 Hollyhock Woods Dr, Oconomowoc WI 53066
Street/Mailing Zip Code

Name of Group, Performer: St Jerome School Talent Show

Description of Entertainment: Various songs/skits/performances by 1st through 8th graders

Is Sponsor Classified as Non-Profit: Yes

Other Permits Required: Beer ☐ Shelter ☐ Other ☐

Date Paid: 5-21-25 Fee Paid $136.25 Deposit Paid $100 Receipt Number _____

FEES	Resident	0 – 50 $80.00+ 4.00	51 – 100 $100.00 + 5.00	101 – 200 $125.00 + 6.25	201 $150.50 + 7.53
	Non Resident	0 – 50 $100.00+ 5.00	51 – 100 $130.00+ 6.25	101 – 200 $170.00 + 8.50	201 + $200.00 + 10.00

Note: Deposit to be paid by all users **Refundable Deposit Amounts**	0-50 $50.00	51-100 $100.00	101-200 $200.00	201-300 $300.00	300+ $400.00

(Office Use Only)

Permit Number _____	Date of Use	Time of Use	Resident/ Non-Resident	Estimated Attendance	Insurance Certificate Required as Determined by Village (y or n)	Electricity Needed (y or n)	TOTAL FEE/DEPOSIT	Date Issued	Issued By
Fine Arts Center (FAC)									
Food/Beverage Sales at Concession Window?	☐ Yes ☐ No								
Sales of Other Items? Describe Items and Point of Sale									

I verify the documented information and agree to abide by the Park Board's Policy and Village Ordinances regarding Park Usage.

_____
Signature

PLEASE BRING THIS PERMIT WITH YOU TO THE PARK

VILLAGE OF HARTLAND FINE ARTS CENTER USE POLICY

1. The goal of the establishment of the Fine Arts Center is to make available a facility that would encourage family usage with programming which could reasonably be accommodated by the size and layout of the Facility and conditions with respect to the surrounding area such as availability of parking, access routes and public safety staffing.

2. Permits for prior uses approved by the Park Board and repeated on an annual basis may be approved by staff and permits for other use of the Fine Arts Center must be submitted to the Park Board in writing on this application for approval. Requests will be granted or denied by the Park Board. (Park Board meets the first Monday of the month at 7:00 p.m. in the Village Board Room in the Village Hall). Permits must be submitted for approval two weeks prior to the Park Board meeting.

3. For scheduling purposes, uses sponsored by the Village of Hartland through a single event or series will have priority. The uses will be scheduled beginning January 1 of the year they are going to occur. Other uses may be scheduled after April 1 of the year they are going to occur. Water service and restrooms will be shut off/closed from October 15 to May 1.

4. Sponsor of Fine Arts Center use may be required to provide proof of insurance. Determination as to whether insurance will be required will be made by the Park Board. Permit holder shall submit proof of general liability coverage for not less than $500,000 and provide an original Certificate of Insurance, naming the Village of Hartland and its agents, officers and employers as additional insured parties. Minimum 30-day notice of cancellation shall be provided.

5. All uses must be free of charge. Participants may not pass a collection plate, or solicit from the audience. Donations may be accepted at concession areas only. Material distribution must be confined to the concession areas.

6. Uses of the Fine Arts Center shall not begin before sun up and shall end no later than sun down or the specific requested closing time approved by the Park Board.

7. Sales of food or refreshments by civic groups are allowed at the concession area (defined as the window in the Fine Arts Center). Sales of any other items anywhere else at the Fine Arts Center are subject to Park Board and/or Village Board approval.

8. Vehicles cannot be parked in the picnic areas or on the grass.

9. No grills, fire or hot coals will be permitted within the FAC building.

10. All equipment and articles must be removed from the park by sun down or the closing time approved by the Park Board.

11. It will be the responsibility of the sponsor/individual reserving the Fine Arts Center to pick up litter in the area after the event, including in the Fine Arts Center, concession area, rest rooms and surrounding park area. The applicant will be responsible for any damage or excessive clean up required and the cost will be deducted from the deposit.

12. Cancellation policy. The Village reserves the right to cancel or stop use at any time. Reasons may include but are not limited to failure to comply with regulations, inclement weather with potential damage to grounds, lack of crowd control, conduct or activity not covered in original proposal. The Village Administrator, Director of Public Works, Police Chief and/or Fire Chief or their designated representatives shall have the authority to cancel an event. If the applicant desires to cancel, proper notice should be provided to the Village as soon as possible.

13. If Shelter #4 is reserved, applicant shall pay the reservation fee. See Shelter reservation application.

14. Picnic Tables Usage: There are a limited number of picnic tables available in the parks for all users. Large groups will provide their own additional seating. Please respect the rights of others to utilize the park facilities.

15. The volume of radios, sound systems, etc. must be kept at level so as to not unreasonably annoy or disturb the peace and quiet of other park users or surrounding residents in accordance with Section 9.07 of the Municipal Code.

16. Supervision: The applicant and all named persons responsible for supervision must be present from the time the facility is opened, while the event is in progress, and must wait until all users of the building have vacated the building or premises and have completed security measures. The applicant and the individuals supervising the function shall be responsible for the conduct and control of both patrons and participants of each function. The applicant and individuals supervising are responsible for seeing that no equipment or other portions of facilities are used except those that are requested in the building use application. The applicant and the persons responsible for supervision shall see that the facility is left in the same condition as when the organization entered the facility.

17. It shall be the responsibility of the applicant and those associated with applicant to avoid the violation of any provision of the Village of Hartland, State or Federal ordinances, Statutes, regulations and codes. The individual/organization using the facility assumes all responsibilities for injuries that may occur to persons or participants.

18. No smoking will be allowed in the Fine Arts Center building.

19. Keys may be picked up at the Village Hall M-F, 7:30 a.m. – 4:30 p.m. They must be returned to the Village within 48 hours after FAC use during normal office hours or may be left in the drop box located at the front of the Village Hall. It shall be the responsibility of the applicant to make sure the facility is locked up after use.

20. The FAC restrooms are open to all park patrons and are not exclusive to the permit holder.

21. **Malt Beverages**: Are permitted in all picnic areas when a valid malt beverage permit is procured from the /Admin. Office. FAC/shelter reservation is required if so desired. No other intoxicating liquor products are permitted.

22. **Refunds**: In case of cancellation, permit fee can be refunded **ONLY IF,** at least **TWO WEEKS** prior to event, a written request and **ORIGINAL PERMIT** are received by the Village Hall office. A $10.00 fee will be charged for administrative processing. The **ORIGINAL PERMIT,** a written request and a $10.00 fee is required to change a reservation.

23. Dogs must be licensed, on a leash not exceeding six feet in length and under the owner's control. Owners shall promptly remove and dispose of any excrement in a sanitary manner.

pd 5-12-25 #264068

—VILLAGE OF—
HARTLAND
WISCONSIN
EST. 1892

25-27
July 1, June 30,
2024-2026

APPLICATION FOR:

☑ **REGULAR OPERATOR LICENSE**
To serve fermented malt beverages and intoxicating liquors
License expires June 30, 2026

ⓘ NEW APPLICANT ($50) ○ RENEWAL APPLICANT ($40)
(Not applicable after 8/31/24)

☐ Regular Operator License *Only* $50.00
☐ Renewal: $40.00
Total Amount: 50.00
Date Paid: 5-12-25
Receipt No.: 264068

PRINT the answers to the following questions fully and completely:

Name Heidi Ann Wise
(First, Middle, Last)
Date of Birth: 03-23-80 Driver's License No. and State [redacted]
Address: 332 Genesse St.
City, State, Zip: Wales, WI, 53188
Home Phone Number: 262-510-5785 Citizen of United States? Yes ☒ No ☐

How long have you lived at this address? 4yrs

List all previous residences for the past 10 years: (City and State Only)
S40W31217 Johns Way Waukesha WI 53189; 1301 Camden Way Waukesha WI -

Name of establishment where you will be serving/selling Malt Beverages and/or Intoxicating Liquors?
Beer SNOBS

CHECK ONE:

☐ I have held an operators, premises or managers license within the past two years (if in another Municipality other than the Village of Hartland, proof required)

☒ I have completed the "Responsible Beverage Server's Training Course" at WCTC or an On-Line Responsible Beverage Server's Training Course that is approved by the Wisconsin Department of Revenue. Certificate is required.

☐ I have enrolled in the "Responsible Beverage Server's Training Course" (Classes are held at Waukesha County Technical College). Copy of enrollment receipt is required.

HAVE YOU EVER BEEN CONVICTED OF ANY ALCOHOL BEVERAGE RELATED OFFENSES, INCLUDING ANY OF THE FOLLOWING, AS A JUVENILE OR AN ADULT?

1.	Illegal purchase, sale or providing of intoxicating liquor or beer?	YES ○	NO ⊗
2.	Violation of closing hours at a licensed premise?	YES ○	NO ⊗
3.	Any other violation of laws pertaining to alcoholic beverages?	YES ○	NO ○
4.	Disorderly conduct or criminal damage to property that occurred at a licensed establishment?	YES ○	NO ⊗
5.	Obstruction of a police officer while on a licensed premise for the sale of alcoholic beverages?	YES ○	NO ⊗
6.	Operating a motor vehicle while under the influence of alcohol or controlled substance or with a prohibited alcohol concentration (Wis. Stat. 346.63)?	YES ⊗	NO ○
7.	Operating a motor vehicle while under age 21 with a blood alcohol of more than .0% but not more than .1% (Wis. Stat. 346.63(2)(m)?	YES ○	NO ⊗
8.	Having alcohol beverages in your possession in a motor vehicle as a driver or a passenger (Wis. Stat. 346.935)?	YES ○	NO ⊗

HAVE YOU EVER BEEN CONVICTED OF A FELONY?	YES ○	NO ⊗
DO YOU HAVE ANY CRIMINAL OR ORDINANCE CHARGES PRESENTLY PENDING AGAINST YOU?	YES ○	NO ⊗
DO YOU PRESENTLY HAVE ANY OVERDUE OR OUTSTANDING FORFEITURES RESULTING FROM A VIOLATION OF AN ORDINANCE OF ANY COUNTY, CITY, VILLAGE, OR TOWN?	YES ○	NO ⊗

If you have answered yes to any of the above questions, list the date, nature of offense and the location of the offense (City, County and State)

Date	**Nature of Offense**	**Location: City, County and State**
9-4-2011	OWI 2nd	Brown Deer WI

Please list additional convictions or other pertinent information below:

Approval by Municipal Authority

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, the character, record and reputation are satisfactory, and I have no objection.

Approved on 05/15/25 (Date) by [signature] (Signature of Proper Local Official) Title Police Chief

- OWI 1st Convicted on 09/23/09 in Waukesha County Circuit Court (Not Listed Above)
- OWI 2nd Convicted on 03/19/12 in Milwaukee County Circuit Court (Offense Date 09/04/11)

I hereby apply for a license to serve Fermented Malt Beverages and Intoxicating Liquors, subject to the limitations imposed by Section 125.32(2), and 125.68(2) of the Wisconsin Statutes and all acts amendatory and supplementary of those sections, and hereby agree to comply with all laws, resolutions, ordinances and regulations, Federal, State or Local, affecting the sale of such beverages and liquors if a license is granted to me.

The license shall, if issued, be from the date of its issuance to June 30, 2026, unless the license is revoked for cause by the Village Board prior to that date.

STATE OF WISCONSIN
§
WAUKESHA COUNTY

Heidi Wise
(Please Print)

being first duly sworn on oath says that he/she is at least eighteen years of age, is of good moral character, and is the person who made and signed the foregoing application for an Operator's License; and that all the statements made by the applicant are true.

Heidi Wise
(Signature of Applicant)

IN THE EVENT THAT THE VILLAGE OF HARTLAND POLICE DEPARTMENT DECLARES ANY OBJECTION TO THE ISSUANCE OF THE LICENSE, THE APPLICANT SHALL DISCUSS THE ISSUE DIRECTLY WITH THE POLICE CHIEF.

NOTICE:

TO ALL APPLICANTS FOR AN OPERATOR'S LICENSE:

If you have had a conviction for any alcohol related offense within the past 12 months, you should know that the Village Board policy has been to deny the application for an Operator's License until at least a 12-month period of time has elapsed since the conviction date of the offense.

2:09 5G

Wisconsin_Alcohol_Server_...



Serving Alcohol

is proud to present this certificate to

Heidi Wise

for successful completion of the online course

Wisconsin Alcohol Seller/Server Course

PERSONS COMPLETING THIS COURSE HAVE AGREED TO EXECUTE THE FOLLOWING POLICIES TO THE BEST OF THEIR ABILITIES.

- CARD ANY PERSON 35 YEARS OF AGE OR YOUNGER
- OBSERVE AND REPORT ANY CUSTOMER SHOWING SIGNS OF POSSIBLE IMPAIRED BEHAVIOR TO MANAGEMENT
- RESPOND IMMEDIATELY TO ANY POSSIBLE PROBLEM SITUATION
- DETERMINE THE PEOPLE ENTERING THE PREMISES TO CONSUME ALCOHOL ARE OF LEGAL ALCOHOL DRINKING AGE AND RECARD THEM IF THERE IS ANY QUESTION ABOUT THEIR AGE
- ENSURE A PERSON MATCHES THEIR VALID LEGAL IDENTIFICATION

This is a Wisconsin Department of Revenue approved Responsible Beverage Server Training Course in compliance with Sec. 125.17 (6), 134.66 (2m), and 125.04 (5) (a) 5. Wis. Stats.

Verify online at servingalcohol.com

Verification Code

qsRBRjDgQw

Date Issued

Jul 18th, 2023

VALID FOR 2 YEARS

This is not a Wisconsin operators/bartenders license.
This certificate will be requested to obtain a Wisconsin operators/bartenders license from the Wisconsin city clerk's office in the municipality where you are working.
Find your city clerk's office here: https://elections.wi.gov/clerks/directory

Wisconsin Alcohol Seller/Server Course
Name: Heidi Wise
Certification Date: Jul 18th, 2023
Certificate Code: qsRBRjDgQw
Verify Online: servingalcohol.com
125.17(6), 134.66 (2m), 125.04(5)(a)5 Wis. Stats.
SERVING ALCOHOL INC
VALID FOR 2 YEARS

Learn more about this wallet card at http://servingalcohol.com/wallet-card

pick it up

— VILLAGE OF —
HARTLAND
WISCONSIN
EST. 1892

July 1, June 30,
2024-2026

APPLICATION FOR:

☒ **REGULAR OPERATOR LICENSE**
To serve fermented malt beverages and intoxicating liquors
License expires June 30, 2026

☒ NEW APPLICANT ($50) ○ RENEWAL APPLICANT ($40)
(Not applicable after 8/31/24)

☒ Regular Operator License *Only* $50.00
☐ Renewal: $40.00
Total Amount: 50.00
Date Paid: 5-13-25
Receipt No: 260074

PRINT the answers to the following questions fully and completely:

Name DIANE C RAABE
(First, Middle, Last)
Date of Birth: 08/14/195[illegible] Driver's License No. and State [redacted]
Address: 6642 WILDWOOD POINT RD
City, State, Zip: OCONEQUA, WI 53029
Home Phone Number: 262 227-3157 Citizen of United States? Yes ☒ No ☐

How long have you lived at this address? (Must reside in WI for min. of 90 days) 6 MOS.

List all previous residences for the past 10 years: (City and State Only) SILVERTON, OR, OREGON CITY, OR NEW BERLIN, WI

Name of establishment where you will be serving/selling Malt Beverages and/or Intoxicating Liquors?
KWIK TRIP

CHECK ONE:

☐ I have held an operators, premises or managers license within the past two years (if in another Municipality other than the Village of Hartland, proof required)

☒ I have completed the "Responsible Beverage Server's Training Course" at WCTC or an On-Line Responsible Beverage Server's Training Course that is approved by the Wisconsin Department of Revenue. Certificate is required.

☐ I have enrolled in the "Responsible Beverage Server's Training Course" (Classes are held at Waukesha County Technical College). Copy of enrollment receipt is required.

HAVE YOU EVER BEEN CONVICTED OF ANY ALCOHOL BEVERAGE RELATED OFFENSES, INCLUDING ANY OF THE FOLLOWING, AS A JUVENILE OR AN ADULT?

		Please Circle One Answer
1.	Illegal purchase, sale or providing of intoxicating liquor or beer?	YES ○ NO (X)
2.	Violation of closing hours at a licensed premise?	YES ○ NO (X)
3.	Any other violation of laws pertaining to alcoholic beverages?	YES ○ NO (X)
4.	Disorderly conduct or criminal damage to property that occurred at a licensed establishment?	YES ○ NO (X)
5.	Obstruction of a police officer while on a licensed premise for the sale of alcoholic beverages?	YES ○ NO (X)
6.	Operating a motor vehicle while under the influence of alcohol or controlled substance or with a prohibited alcohol concentration (Wis. Stat. 346.63)?	YES (X) NO ○
7.	Operating a motor vehicle while under age 21 with a blood alcohol of more than .0% but not more than .1% (Wis. Stat. 346.63(2)(m)?	YES ○ NO (X)
8.	Having alcohol beverages in your possession in a motor vehicle as a driver or a passenger (Wis. Stat. 346.935)?	YES ○ NO (X)
HAVE YOU EVER BEEN CONVICTED OF A FELONY?		YES ○ NO (X)
DO YOU HAVE ANY CRIMINAL OR ORDINANCE CHARGES PRESENTLY PENDING AGAINST YOU?		YES ○ NO (X)
DO YOU PRESENTLY HAVE ANY OVERDUE OR OUTSTANDING FORFEITURES RESULTING FROM A VIOLATION OF AN ORDINANCE OF ANY COUNTY, CITY, VILLAGE, OR TOWN?		YES ○ NO (X)

If you have answered yes to any of the above questions, list the date, nature of offense and the location of the offense (City, County and State)

Date	**Nature of Offense**	**Location: City, County and State**
12/27/17	DUI	WAUKESHA, WAUKESHA, WI

Please list additional convictions or other pertinent information below:

Approval by Municipal Authority

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, the character, record and reputation are satisfactory, and I have no objection.

Approved on 05/13/25 (Date) by [signature] (Signature of Proper Local Official) Title Police Chief

Also convicted of an OWI in Greenfield on 03/26/97. Both OWI offenses are considered non-criminal 1st offense violations

I hereby apply for a license to serve Fermented Malt Beverages and Intoxicating Liquors, subject to the limitations imposed by Section 125.32(2), and 125.68(2) of the Wisconsin Statutes and all acts amendatory and supplementary of those sections, and hereby agree to comply with all laws, resolutions, ordinances and regulations, Federal, State or Local, affecting the sale of such beverages and liquors if a license is granted to me.

The license shall, if issued, be from the date of its issuance to June 30, 2026, unless the license is revoked for cause by the Village Board prior to that date.

STATE OF WISCONSIN §

WAUKESHA COUNTY

DIANE C. RAABE

(Please Print)

being first duly sworn on oath says that he/she is at least eighteen years of age, is of good moral character, and is the person who made and signed the foregoing application for an Operator's License; and that all the statements made by the applicant are true.

Diane C Raabe

(Signature of Applicant)

IN THE EVENT THAT THE VILLAGE OF HARTLAND POLICE DEPARTMENT DECLARES ANY OBJECTION TO THE ISSUANCE OF THE LICENSE, THE APPLICANT SHALL DISCUSS THE ISSUE DIRECTLY WITH THE POLICE CHIEF.

NOTICE:

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If you have had a conviction for any alcohol related offense within the past 12 months, you should know that the Village Board policy has been to deny the application for an Operator's License until at least a 12-month period of time has elapsed since the conviction date of the offense.

SERVERlicense.com

Wisconsin Responsible Beverage Seller/Server Training

DIANE RAABE

has met all training requirements and successfully completed the above course and/or exam.

Certification Number: SL193718

Date of Completion: 05/07/2025

Kelly Bailey

Authorized Signature

This certificate represents the successful completion of an approved Wisconsin Department of Revenue Responsible Beverage Server Course in compliance with secs. 125.04(5)(a)5., 125.17(6), and 134.66(2m), Wis. Stats. Present this certificate to your local municipal clerk's office to receive your Operator's or Retail license.

Diversys Learning, Inc.
1101 Arrow Point Drive, Suite 302
Cedar Park, TX 78613

John T. Ford
Three Leaf Partners
504 W. Juneau Avenue
Milwaukee, WI 53203
jford@threeleafdevelopment.com
Direct: (414) 775-0857

May 27, 2025

Village of Hartland
210 Cottonwood Avenue
Hartland, WI 53029
(262) 367-2714

Re: Hartland Senior Development – PUD AMENDMENT
Lot 2 CSM 12091 3.76 Acres - Campus Drive, Hartland, WI

Dear Village of Hartland:

3LP Hartland Senior LLC ("Developer") proposes to modify the previously approved (October 28, 2024) PUD Development Agreement with the Village of Hartland. The full continuum of care Senior Housing development ("Project") remains located on Campus Drive across from Lake Country Lutheran High School on a portion of current Lot 2 (HAV0423981056). Developer is requesting the following two primary modifications to the previously approved development, in order to make this project financially feasible and able to move forward.

1. **ARCHITECTURAL MODIFICATIONS**

   a. Unit Count Increase
      i. Increase of total unit count +6 (from 118 to 124).
      ii. PUD previously allowed maximum of 120 units.

   b. Design Modifications
      i. 4th Floor – Independent Living – removal of rooftop clubroom + outdoor deck → convert to additional units.
      ii. Material Modifications

2. IMPACT FEE WAIVER REQUEST

a. In order to make this project financially feasible, at the ***April 21, 2025***, Plan Commission meeting, we requested waiver of all Village Impact Fees as well as the Village Sewer Connection Fees, totaling $695,599.

Hartland Senior				
124 Units	**Village 2025 Estimate**		**Developer Pays**	
Impact Fee	$	204,776		***WAIVER***
Village Sewer Connection Fees	$	490,770		***WAIVER***
Del-Hart Sewer Connection Fees	$	570,255	$	570,255
Total Fees	$	1,265,801	$	570,255
$/Unit	*$*	*10,208*	*$*	*4,599*

b. Following feedback and additional discussion with Hartland Village Board (4/28/25), we analyzed even further actual usage for this development. There are select Impact Fees that this use will not utilize (Library and Park). Additionally, the actual utility usage of this use vs. single-family residential home is estimated at **37%**. Therefore, given the overall impact, tax benefits, challenging site cost, and need of this development, Developer requests that the developer pays Impact & Utility Sewer fees that are ***actually*** applicable to this development:

   i. Total Estimated Impact + Sewer Fees = $1,265,801
   ii. Developer Pays = $882,927 (70%)
      1. Includes: all Impact Fees (except Library & Park), 100% Del-Hart Sewer Connection Fees, and 37% of Village + Regional Sewer Connection Fees (i.e. actual estimated usage).
   iii. Village Waives = $382,874 (30%)
      1. Includes: waiver of Library + Park Impact Fees and balance of Village + Regional Sewer Connection Fees (i.e. portion that development NOT estimated to use).

Hartland Senior				
124 Units	**Village 2025 Estimate**		**Developer Pays**	
Impact Fee	$	204,776	***$***	***131,120***
Village Sewer Connection Fees	$	490,822	***$***	***181,604***
Del-Hart Sewer Connection Fees	$	570,203	$	570,203
Total Fees	$	1,265,801	$	882,927
$/Unit	*$*	*10,208*	*$*	*7,120*

All other components of development remain unchanged, as previously approved.

This request and corresponding updated materials will be presented at the scheduled Hartland Village Board meeting on May 27, 2025. This was in front of the Hartland Plan Commission (May 19, 2025) and was voted to move back to Village Board for final discussion / decision. We look forward to further discussing the challenges this development has encountered since original approval, what we have done to mitigate significant portion of such, and why the above two requests are needed and would NOT set precedent, in order to make this project financially feasible for this community.

We appreciate the continued collaborative efforts with the Village of Hartland to make an Impact through Real Estate and bring another great development to the community.

Thank you,

John T. Ford
Chief Development Officer

Exhibit A – TLP Hartland Senior Resubmittal VB Meeting 2025_0527

Hartland Senior Living

Design Modification & Impact Fee Waiver Discussion

Village Board – May 27th, 2025



THREE LEAF PARTNERS









B1 NORTHEAST ELEVATION
1/8" = 1'-0"

MASONRY REDUCTION AREA

ELEVATION AS APPROVED
10/21/2024

TOTAL MASONRY VENEER: 32%



B1 NORTHEAST ELEVATION
1/8" = 1'-0"

UPDATED ELEVATION
4/14/2025

TOTAL MASONRY VENEER: 19.5%



B3 **COURTYARD - NORTHWEST ELEVATION**
1/8" = 1'-0"



B1 **SOUTHWEST ELEVATION**
1/8" = 1'-0"

ELEVATIONS AS APPROVED
10/21/2024



B1 **COURTYARD - NORTHWEST ELEVATION**
1/8" = 1'-0"



B4 **SOUTHWEST ELEVATION**
1/8" = 1'-0"

UPDATED ELEVATIONS
4/14/2025

SENIOR LIVING DEMAND

A recent report from The Wall Street Journal shows there's an opportunity to build more high-quality places for seniors to live. Here's what they found:

Older Population is Aging Fast:

- The oldest Baby Boomers will turn 80 within the next year.

Huge Population Growth Ahead:

- The number of people in the U.S. aged 80 and older is expected to grow from 4 million today to nearly 19 million by 2030.

Not Enough Senior Housing:

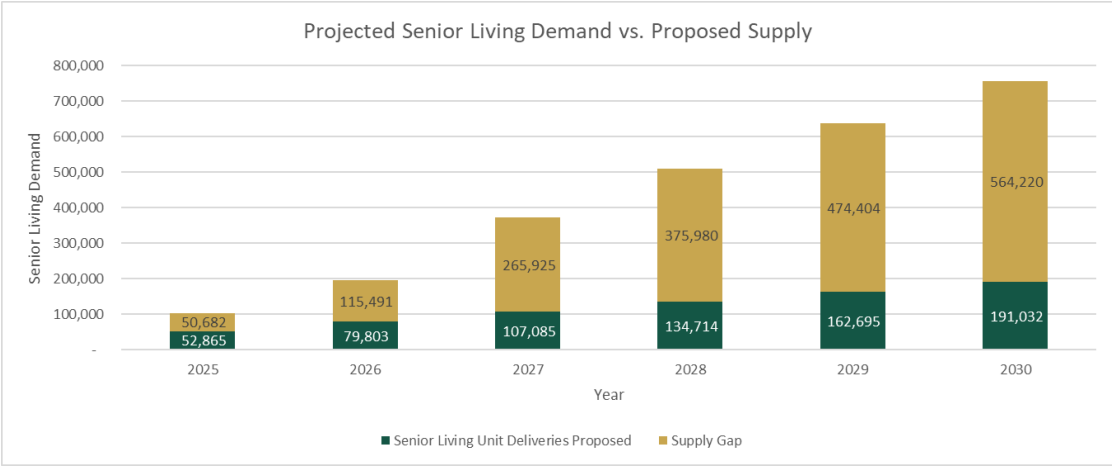
- To keep up with this growth, the U.S. will need approximately 560,000 new senior living units in the next five years, but only around 191,000 units are currently planned — a large gap.

Affordability of Senior Housing:

- Baby Boomers are the wealthiest generation in U.S. history. Over 40% can pay for senior housing with their income alone.

What Will Be Successful?

- The most successful new communities will be those that offer luxury features and services that wealthier seniors want.



Shown above:
Data provided by NIC Map providing purpose-built data exclusively for senior housing

HARTLAND SENIOR LIVING DEMAND

Continued strong demand with options essentially full

ANALYSIS FOCUS

1. CONSTRUCTION: strategically generated long list of potential budget considerations. Evaluated with entire design team and put cost impacts to each. 26 total items accepted totaling approximately **$1MM reduction** to overall project cost. Largest impact was reduction of masonry on exterior rear of building.

2. DESIGN: in further evaluating competitive set, we felt our amenities + common area SF was stronger than needed to be. Therefore, we eliminated the rooftop club room + deck on 4th floor of IL and converted two other smaller areas of building from common area to additional units (i.e. rentable SF).
   +6 additional units → 124 Units.

3. REVENUE: updated current market study as well as engaged additional third-party competitive set market study company to analyze market further to assure most optimal revenue structure.

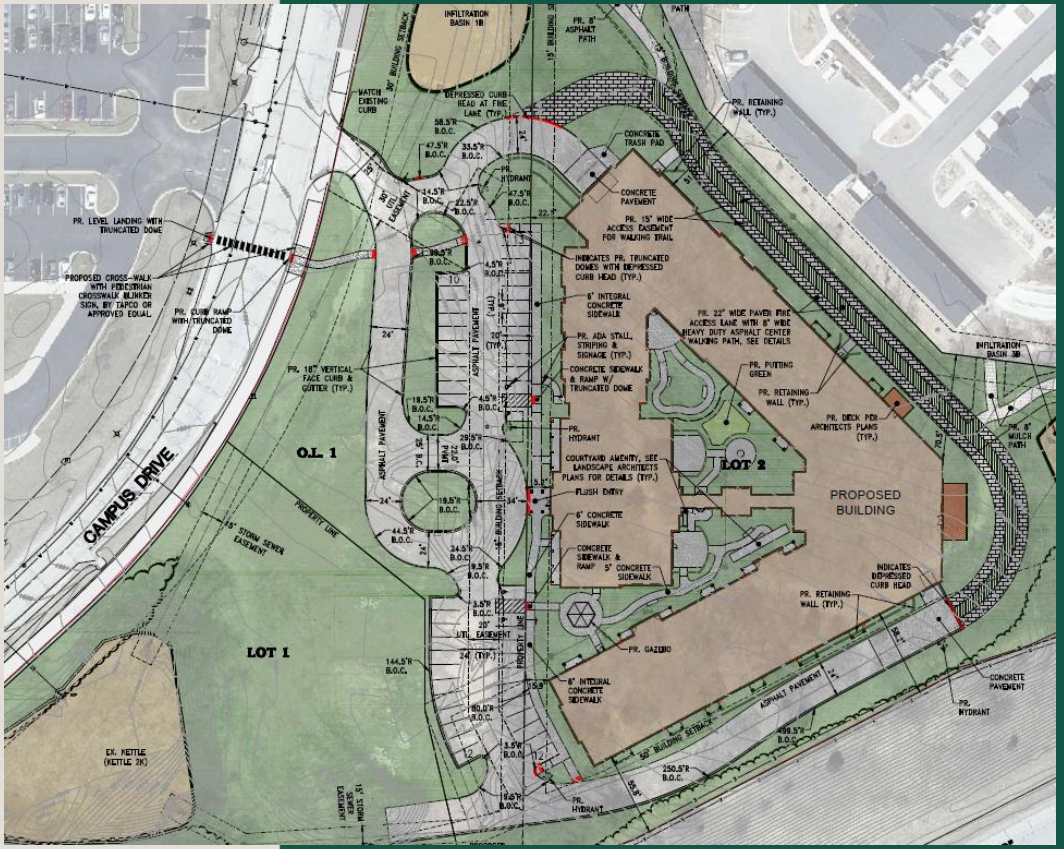
4. OPERATING EXPENSES: worked with operator to gain additional operating efficiencies to provide most competitive structure to support the development.

$3MM
($25,000/unit)



Remaining Financial Gap
$800k +/-

SITE CHALLENGES



SITE CHALLENGES

This development site has significant challenges. Catalyst construction outlined 6 main issues that contributed to increased cost.

The total added site cost impact exceeds $540,000.

Construction Pricing - Added Site Costs from Catalyst Construction			
Issue #1	Additional Grading due to Existing Topography		65,000
Issue #2	Inefficient Parking & Road Circulation on Site due to Property Shape		30,000
Issue #3	Loop Fire Lane Behind Building		125,000
Issue #4	Retaining Walls on Site Required Due to Adjacent Site Topography		25,000
Issue #5	Additional Stormwater Infrastructure Work		75,000
Issue #6	Additional Building Façade Costs Due to Topography Requirements		190,000
Total Added Site Costs			510,000
GC Contingency		2.00%	10,200
GC Insurance		1.10%	5,722
GC Fee		3.00%	15,778
Total Added Site Cost Impact			**541,700**

CURRENT IMPACT FEES

The chart on the right outlines the impact and sewer connection fees for this development. It totals approximately $1,265,801.

The chart on the bottom indicates the impact and sewer fees that do not include the Del-Hart Sewer Connection Fees. The Del-Hart Fees are $570,203. The remaining fees are $695,599.

Impact Fees	20 Units	20 Units	84 Units	5,000 SF
	MC	AL	IL	Community
Law	16	16	24	0.008
Fire	55	55	82	0.029
DPW	944	944	944	0.427
Library	458	458	458	-
Parks	136	136	136	-
Total Per Unit	**1,609**	**1,609**	**1,644**	**0.464**
Total Impact Fees per Unit Type	32,180	32,180	138,096	2,320
Total Impact Fees				**204,776**

Sewer Connection Fee		20 Units	20 Units	84 Units	1 Unit
		MC	AL	IL	Community
		0.5 per Unit	0.5 per Unit	1.0 per Unit	1.0 per Unit
Del-Hart	5,430.50/unit	2,715	2,715	5,431	5,431
Village	2,984.50/unit	1,492	1,492	2,985	2,985
Regional	1,690.00/unit	845	845	1,690	1,690
Total Per Unit		**5,053**	**5,053**	**10,105**	**10,105**
Total Sewer Fees per Unit Type		101,050	101,050	848,820	10,105
Total Sewer Fees					**1,061,025**

Total Impact and Sewer Connection Fee	**1,265,801**

Del-Hart Fee Breakout			
MC	AL	IL	Community
0.5 per Unit	0.5 per Unit	1.0 per Unit	1.0 per Unit
54,305	54,305	456,162	5,431
		Total	**570,203**
		All Impact + Sewer Fees	1,265,801
		Remaining Fees	**695,599**

TAX ANALYSIS

The tax impact this senior living use brings to the village is significant.

The total estimated taxes of this building will be $250,000+ annually (or $67,000+ per acre).

Approximately 70 single family homes would need to be built to equal the tax assessment for this development.

Those homes would span across 35+ acres. The same $250,000+ tax impact in single family homes equates to $7,300 per acre, almost $60,000+ less per acre than the senior living use.

Tax Analysis		
Assessment Value	25,000,000	
Mill Rate	1.024%	
Estimated Tax	**256,000**	
Total Site Acreage	3.765	
Average Single Family Home Value (2023 Census Data)	358,000	
Average Assessment Ratio	90%	
Average Tax Assessment Per Home	322,200	
Number of Homes Needed to Match Single Family	70	
Average Lot Size in Hartland, WI	0.5	acres
Total Site Acreage for Single Family Homes	35	acres
Single Family Tax Amount Per Acre	**7,332**	**per acre**
Senior Living Tax Amount Per Acre	**67,995**	**per acre**
Difference per acre	**60,663**	

UTILITY USAGE ANALYSIS

Trio Engineering estimated the total gallons of water / sanitary usage by this development (28,317 gallons per day). Comparing to single-family homes, this development would use approximately 37% of the water a single-family home would use.

Waterflow Usage Analysis - Trio Engineering

For a Senior Living Facility - Only

Use Designation	Gallons Per Capita Per Day	People Per Unit	GPCD/Unit	Number of Users	Gallons Per Day (Peak)	Cubic Feet Per Second
Independent Living	250	1.2	300	84	25,200	0.039
Assisted Living	65	1.2	78	20	1,560	0.002
Memory Care	65	1	65	20	1,300	0.002

Use Designation	Gallons Per Day	Peak Usage Add	Shifts	GPCD/ FTE	Number of Users	Gallons Per Day (Peak)	
Employees	13	150%	3	6.5	39.6	257	0.000

Total Water Usage for this Senior Living Facility (Peak) - In Gallons	28,317	0.044

Break-Out - Substituting IL Units for Single-Family Flows

Use Designation	Gallons Per Capita Per Day	People Per Lot	GPCD/Unit	Number of Users	Gallons Per Day (Peak)	Cubic Feet Per Second
Single Family Home	250	3.5	875	84	73,500	0.114
Assisted Living	65	1.2	78	20	1,560	0.002
Memory Care	65	1	65	20	1,300	0.002

Use Designation	Gallons Per Day	Peak Usage Add	Shifts	GPCD/ FTE	Number of Users	Gallons Per Day (Peak)	
Employees	13	150%	3	6.5	39.6	257	0.000

Total Water Usage for this Senior Living Facility (Peak) - In Gallons	76,617	0.119

	Total Gallons Used Per Day
Estimated Flows - Senior Living	28,317
Estimated Flows - Single-Family Homes	76,617
Difference	48,300
% Difference	37.0%

FEE REQUEST

PROPOSAL:

Total Estimated Impact + Sewer Fees:
$1,265,801

Developer Pays:
$882,927
- Impact Fees (except Library + Park)
- Del-Hart Sewer Connection Fees
- 37% of Village + Regional Sewer Connection Fees

Village Waives:
$382,874
- Waive Library + Park Impact Fees
- 63% of Village + Regional Sewer Connection Fees

SUMMARY:

1. Hartland Comprehensive Plan - Senior Living is key to the village's housing diversity goals. Families want to live nearby loved ones. Not having options will have trickle down economic affect on community.

2. Senior Impact Fee Usage – current Impact + Sewer connection fees are imbalanced for use. The impact of senior living on library and parks is minimal.

3. Water / Utility Usage: this development uses **37%** of the utilities that 124 single-family homes use in gallons per day.

4. Tax Impact: this development brings in $60,000+ more dollars **per acre** than a single-family development. Additionally, a single-family subdivision would have added utility / road infrastructure cost, snow removal, and trash collection for homes on approximately 35 acres +/- (assuming ½ acre lots) vs. 3.765 acres for this Senior development.

5. Construction Impact: the difficulty of the site adds an additional **$540,000** +/- to the total development cost. This is primarily due to additional fire lane access, topography requirements, and stormwater infrastructure work.

To achieve a financially feasible project that is vital for the community of Hartland, Three Leaf would propose reducing only those Impact Fees that are applicable to this development. This equates to paying 37% of the village and regional sewer connection fees commensurate with utility usage by the facility. Waiving the remaining 63% is approximately 309,000. Additionally, we are asking for the library and parks portion of the impact fees be waived due to limited / no senior involvement. This equates to approximately 73,000.

THREE LEAF PARTNERS

STATE OF WISCONSIN WAUKESHA COUNTY VILLAGE OF HARTLAND

ORDINANCE NO. _____

AN ORDINANCE AMENDING §46-801
OF THE VILLAGE OF HARTLAND CODE OF ORDINANCES
REGULATING PUD PLANNED UNIT DEVELOPMENT OVERLAY DISTRICT

THE VILLAGE BOARD OF THE VILLAGE OF HARTLAND DO ORDAIN AS FOLLOWS:

SECTION 1: §46-801 of the CODE OF ORDINANCES OF THE VILLAGE OF HARTLAND is hereby amended with the following regulating PUD Planned Unit Development Overlay District:

DIVISION 29. – PUD PLANNED UNIT DEVELOPMENT OVERLAY DISTRICT

- **Sec. 46-801 – Intent**

The PUD planned unit development overlay district is intended to allow, as a conditional use, development that will, over a period of time, be enhanced by coordinated area site planning, diversified location of structures, diversified building types, and/or mixing of compatible uses, including mixed uses in traditional neighborhood development. Such developments are intended to provide a safe and efficient system for pedestrian and vehicle traffic; to provide attractive recreation and open spaces as integral parts of the developments; to enable economic design in the location of public and private utilities and community facilities; and to ensure adequate standards of construction and planning. The PUD overlay district under this chapter will allow for flexibility of overall development design with benefits from such design flexibility intended to be derived by both the developer and the community, while at the same time maintaining, insofar as possible, the land use density and other standards or use requirements as set forth in the underlying basic zoning district.

Projects within PUD's which are granted the benefit of flexibility in the application of standard land use regulations, including design considerations, shall be determined by the plan commission to include unique or distinct site development features which would enhance the project in ways that would not be realized when applying standard land use regulations for site development. Such features may include, but are not limited to: large or unique open spaces, extensive or ornate architectural or landscape features, underground parking and/or environmentally sustainable technologies and building materials. However, the plan commission shall not allow such design flexibility regarding density, and required lot area, width and yard requirements in the underlying basic zoning district for the sole purpose of increasing development intensity.

The village board may modify any impact fees, sewer connection fees or Regional Sewer Availability Charge fees or any other fees it chooses in a PUD.

. . .

SECTION 2: If any section, sentence, clause, phrase or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remainder of such ordinance.

SECTION 3: This ordinance shall take effect and be in full force from and after its passage and publication.

Passed and approved this _____ day of _____, 2025.

VILLAGE OF HARTLAND

By:_____
Jeffrey Pfannerstill, Village President

ATTEST:

_____
Sandee Policello, Village Clerk

STATE OF WISCONSIN WAUKESHA COUNTY VILLAGE OF HARTLAND

ORDINANCE NO. _____

AN ORDINANCE AMENDING §22-168 THROUGH §22-173
AND CREATING §22-174 OF THE VILLAGE OF HARTLAND CODE OF ORDINANCES
REGULATING MOBILE FOOD VENDORS

THE VILLAGE BOARD OF THE VILLAGE OF HARTLAND DO ORDAIN AS FOLLOWS:

SECTION 1: THE CODE OF ORDINANCES OF THE VILLAGE OF HARTLAND §22-168 through §22-173 are hereby amended and §22-174 is created with the following regulating Mobile Food Vendors; to read as follows:

ARTICLE VII. – MOBILE FOOD VENDORS

- **Sec. 22-168 - Definitions.**

(A) "Mobile Food Vendor" or "Vendor" means the owner, owner's agent or employee of a mobile food establishment.

(B) "Mobile Food Establishment" means a restaurant or retail food establishment where food is served or sold from a vehicle, trailer, cart, or similar portable device which shall be capable of periodically changing locations.

(C) "Mobile Food Carts" are identified as a mobile cart on wheels that is pushed by hand and not trailered or pulled with a vehicle, weighing less than 150 pounds and smaller than 6 feet long.
(D) "Food" means all articles used for food, non-alcoholic drink or condiment including ice or water used by humans whether simple, mixed or compound and articles used or intended for use as ingredients in the composition or preparation thereof.

- **Sec. 22-169 - License Required.**

(A) No Mobile Food Vendor shall sell any food whatsoever in the Village of Hartland without first obtaining an approved license from the Village Clerk unless exempted in this section. The following are exempt from Mobile Food Vendor license requirements:

1. Home delivery of food or beverage items.

2. Temporary food stands or produce stands which are regulated by a solicitors' permit, or by other Village codes.

3. Rentals at Village facilities where Mobile Food Establishment services are not available to the public.

4. Where the Mobile Food Establishment is exclusively serving a private event not open to the general public on private property.

(B) All Vendors shall be licensed for such use by the Waukesha County Health Department and all other applicable agencies. Mobile Food Vendors shall acquire the appropriate licenses and permits for any additional food items not required under this subchapter if deemed necessary by the Waukesha County Health Department.

(C) An annual Mobile Food Vendor license may be applied for use on private property. When granted, the license shall be displayed at all times by the Mobile Food Establishment or business. The license shall be valid from January 1 of each year and shall expire on December 31 of each year.

(D) Mobile Food Vendors are not allowed to engage in any business activity on the Village streets without approval from the Village Board. They are allowed on private property with written permission and as allowed by the Village Board for the Farmers Market and Special Events.

(E) Mobile Food Vendors are allowed to operate in the Village Monday through Sunday between 7:00 a.m. and 11:00 p.m.

(F) A license shall be issued to a person or legal entity. A license shall not be transferable. A license is valid for one vehicle/trailer/cart only for each daily permit and shall not be transferrable between vehicles or trailers.

(G) Any Mobile Food Vendor shall fully and without haste comply with any order of the Police Department Officer or Fire Department Officer to ensure the safety of the public. Failure to comply may result in suspension or revocation of the license and/or issuance of a citation as allowed by law.

(H) The number of licenses allowed to be issued per year and the fee for a license as herein provided shall be as set forth and modified from time to time by the Village Board by Resolution.

- **Sec. 22-170 - Application Process.**

(A) Any person desiring to operate a Mobile Food Establishment shall apply for a license and pay the established license fee. The application shall be certified by the applicant and filed with the Village and shall contain such information as the Village shall require for the effective enforcement of §22-168 through 22-174 and the safeguarding of the residents of the Village from fraud, misconduct or abuse.

(B) Mobile Food Vendors must apply for a license in person at Village Hall during normal business hours. Village staff will verify all licenses and insurance are in proper order and issue a license to be posted on the Mobile Food Establishment during all times of permitted use.

(C) Applications will be reviewed and approved by the Village Manager, who may impose such conditions as deemed appropriate to protect public health, safety and general welfare.

- **Sec. 22-171 - Application Requirements.**

(A) A completed Mobile Food Vendor Application with signature and payment of fees.

(B) The applicant shall submit a copy of a Mobile Retail Food License issued by Waukesha County or other county/municipality with the authority to issue retail food licenses.

(C) The applicant shall provide a Mobile Food Vendor License plan addressing sanitation, pedestrian and traffic safety including the following standards:

1. The proposed plan will not create any significantly adverse traffic impacts, traffic safety hazards, pedestrian/vehicle conflicts or pedestrian safety hazards or impede building ingress/egress.

2. The proposed plan will not create any significantly adverse impacts on neighboring properties as a result of:
    a. The accumulation of garbage, trash or other waste.
    b. Noise created by operation of the equipment.
    c. Light and glare.
    d. Odors and noxious fumes.

3. The proposed plan will not be detrimental to public health, safety, or general welfare.

4. No Mobile Food Vendor shall be located on any private property without written permission from the property owner. A copy of the written permission shall be submitted at the time of application if the Vendor wishes to operate on private property.

5. Electrical connections with extension cords to adjacent properties shall be done in a safe manner at the discretion of the Village Building Inspector and with permission of the adjacent property owners.

6. Mobile Food Vendors shall not place tables and chairs in the public right-of-way, or in a manner that inhibits pedestrian or vehicle traffic.

7. Mobile Food Vendors shall be limited to two sandwich board, chalkboard, or whiteboard, in a size not to exceed 24” x 36”. Sandwich boards must be located within three feet of the Mobile Food Establishment and not placed in the public right-of-way, or in a manner that inhibits vehicle traffic.

(D) All vehicles may be inspected by the Hartland Fire Department, Hartland Police Department, or Building Inspector at any time.

- **Sec. 22-172 – Mobile Food Vendors in the Parks**

(A) Mobile Food Vendors are allowed in Village parks in conjunction with an approved Special Event and an approved Mobile Food Vendor license. The Special Event organizer must give a Mobile Food Vendor permission to be present at the Special Event. This includes Special Events that the Village organizes.

(B) Mobile Food Vendors shall be allowed in Village parks with an approved Mobile Food Vendor license in areas as identified on the Mobile Food Vendors in Parks Maps found on file with the Village Clerk and on the Village website. No more than two Mobile Food Vendors are allowed in any park on any date, except in conjunction with special events.

1. Food trucks/trailers/carts are allowed in Centennial, Penbrook and Hartbrook Parks.
2. Food trucks/trailers are allowed in Nixon Park on Mondays, Tuesdays and Wednesdays.
3. Food carts are allowed in Nixon Park any day of the week. During beer garden hours, food carts must stay outside the beer garden perimeter as indicated on the Mobile Food Vendors in Parks Map.
4. Food trucks/trailers/carts must be self-contained and no electricity will be provided. All trash and litter must be disposed of prior to leaving the park.

- **Sec. 22-173- Revocation or Suspension of License.**

(A) The Village Board or Village Manager may revoke or suspend any license issued under this subchapter for violation by any Property Owner/Business holding the license, Vendor or the Vendor's employee or agent of any provision of State law or Village ordinance which renders future vending contrary to the public health, safety or welfare; or for fraud or misrepresentation in solicitation under this chapter. Prior to revocation or suspension, the Village shall send written notice to the address on the license about the concerns or issues and provide 15 days for the Property Owner/Business and Vendor to correct the issue or concern to the satisfaction of the Village. If the concern is not addressed within 15 days from the date of mailing the letter, the Village may place the issue of revocation and or suspension before the Village Board for possible action. The Property Owner/Business Vendor and/or their agent may appear before the Village Board to present information and respond to the issues of concern. The Clerk shall send written notice of the meeting date and time to the Property Owner/Business at the address on the application for consideration of the matter. Said notice shall be post marked at least 5 days prior to the Board meeting.

(B) An exception to this process exists in that any Public Health, Hartland Police or Fire Officer may immediately order the Mobile Food Vendor to stop service if said public health, Hartland Police or Fire Officer identify an immediate risk to the public health, safety or welfare of the community from the operation of the mobile food vendor. The Mobile Food Vendor shall not restart again until deemed safe by the appropriate authority

Sec. 22-174 – Violations and Penalties.

Any person who shall violate any provision of this chapter or any rule or regulation made under this chapter shall be subject to a penalty as provided in Appendix B citation deposits of this code.

SECTION 2: If any section, sentence, clause, phrase or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remainder of such ordinance.

SECTION 3: This ordinance shall take effect and be in full force from and after its passage and publication.

Passed and approved this ____day of _____, 2025.

VILLAGE OF HARTLAND

By:_____
Jeffrey Pfannerstill, Village President

ATTEST:

_____
Sandee Policello, Village Clerk



Village of Hartland GIS

Food Truck Parking Village Parking Lot

DISCLAIMER:

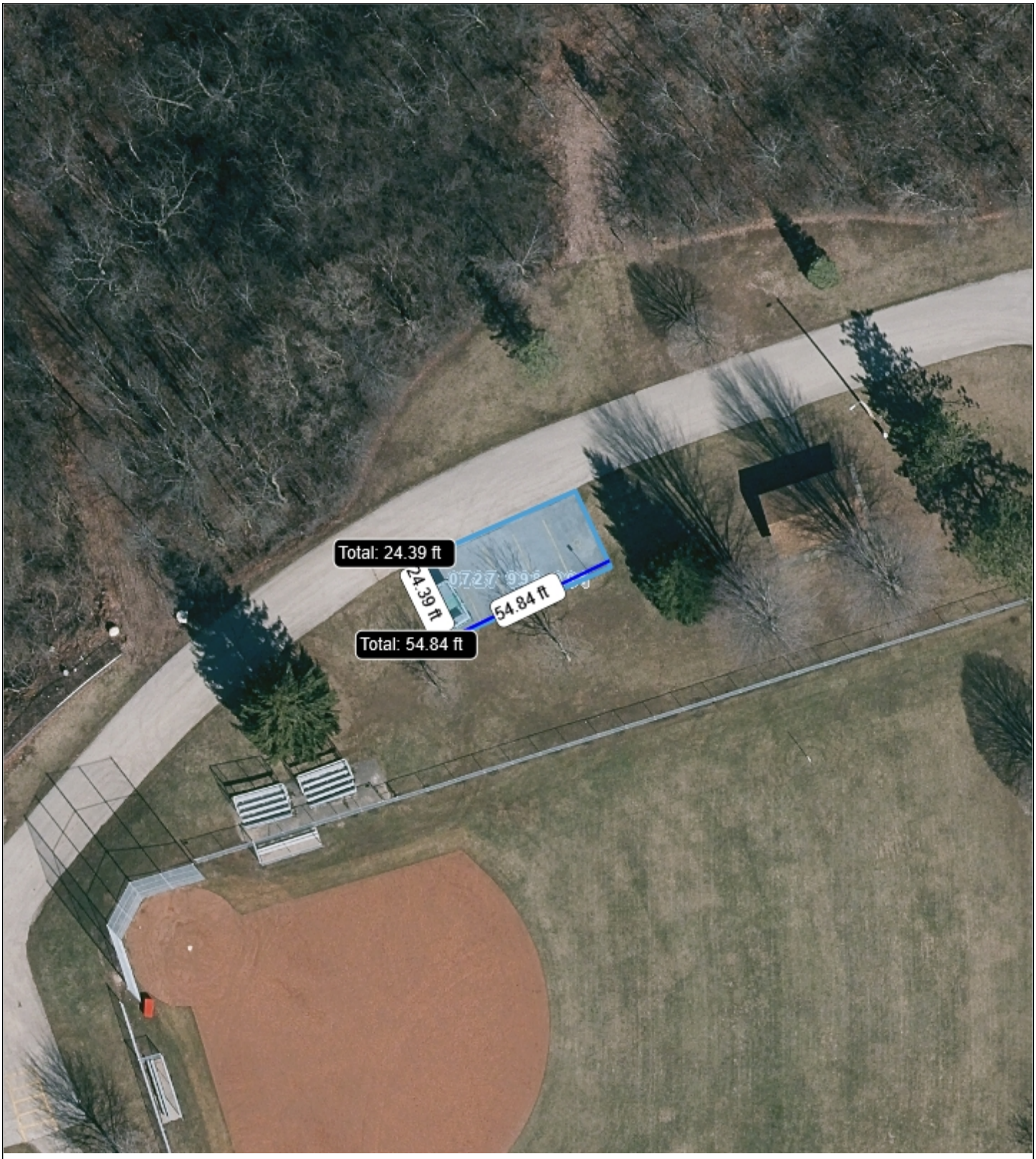
This map is not a survey of the actual boundary of any property this map depicts.

The Village of Hartland does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.

SCALE: 1 = 87'

Print Date: 5/19/2025

Village of Hartland
210 Cottonwood Ave
Hartland, WI 53029
262-367-2714



Village of Hartland GIS
Food Truck Parking Penbrook

Village of Hartland
210 Cottonwood Ave
Hartland, WI 53029
262-367-2714

DISCLAIMER:

<u>This map is not a survey of the actual boundary of any property this map depicts.</u>

The Village of Hartland does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.

SCALE: 1 = 41'

Print Date: 5/19/2025



Village of Hartland GIS
Food Truck Parking Hartbrook Park

Village of Hartland
210 Cottonwood Ave
Hartland, WI 53029
262-367-2714

DISCLAIMER:

This map is not a survey of the actual boundary of any property this map depicts.

The Village of Hartland does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.

SCALE: 1 = 41'

Print Date: 5/19/2025



Village of Hartland GIS
Food Truck Parking Nixon

Village of Hartland
210 Cottonwood Ave
Hartland, WI 53029
262-367-2714

DISCLAIMER:

This map is not a survey of the actual boundary of any property this map depicts.

The Village of Hartland does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.

SCALE: 1 = 83'

Print Date: 5/19/2025

Current Mobile Food Vendor Ordinance

ARTICLE VII. MOBILE FOOD VENDORS

Sec. 22-168. Definitions.

[The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:]

Food means all articles used for food, non-alcoholic drink or condiment including ice or water used by humans whether simple, mixed or compound and articles used or intended for use as ingredients in the composition or preparation thereof.

Mobile food establishment means a restaurant or retail food establishment where food is served or sold from a vehicle, trailer, cart, or similar portable device which may or should be capable of periodically changing locations.

Mobile food vendor or *vendor* means the owner, owner's agent or employee of a mobile food establishment within the Village of Hartland.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Sec. 22-169. License required.

(a) No mobile food vendor shall sell any food whatsoever in the Village of Hartland without first obtaining an approved license from the village board unless exempted in this section. The following are exempt from mobile food vendor license requirements:

  (1) Home delivery of food or beverage items.

  (2) Temporary food stands or produce stands which are regulated by a solicitors' permit, outdoor establishment permit or by other village codes.

  (3) Rentals at village facilities where mobile food establishment services are not available to the public.

  (4) Where the mobile food establishment is exclusively serving a private event not open to the general public on private property.

(b) All vendors shall be licensed for such use by the Waukesha County Health Department and all other applicable agencies. Mobile food vendors shall acquire the appropriate licenses and permits for any additional food items not required under this subchapter if deemed necessary by the Waukesha County Health Department.

(c) A license shall be applied for annually. A permit, when granted, shall be displayed at all times by the mobile food establishment or business. The license shall be valid from January 1 of each year. All licenses shall expire on December 31 each year. Applications for renewals shall be handled in the same manner as original applications but may be approved by the village manager or their designee.

(d) Mobile food vendors are not allowed to engage in any business activity on the village streets without approval from the village board. They are allowed on private property with written permission and as allowed by the village board for the farmers market and special events. The licensee may not be located on one street or one private property lot for more than eight hours within a 24-hour period. This time restriction does not apply to village board authorized permits for the farmers market or special events.

(e) Mobile food vendors are allowed to operate in the village Monday through Sunday between 7:00 a.m. and 11:00 p.m.

(f) A license shall be issued to a person or legal entity. A license shall not be transferable. A license is valid for one vehicle only for each daily permit and shall not be transferrable between vehicles.

(g) Any mobile food vendor shall fully and without haste comply with any order of the police department officer or fire department officer to ensure the safety of the public. Failure to comply may result in suspension or revocation of the license and/or issuance of a citation as allowed by law.

(h) The number of licenses allowed to be issued per year and the fee for a license as herein provided shall be as set forth and modified from time to time from the village board by resolution.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Sec. 22-170. Application process.

(a) Any person desiring to operate a mobile food establishment shall apply for a license and pay the established license fee. The application shall be sworn to by the applicant and filed with the village and shall contain such information as the village shall require for the effective enforcement of this section and the safeguarding of the residents of the village from fraud, misconduct or abuse.

(b) In approving a license, the village board may impose such conditions as it deems appropriate to protect the public health, safety and general welfare. Subsequent annual renewals of a license may be processed administratively without additional village board approval if the conditions of the original license issuance are maintained at the discretion of the village manager or designee.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Sec. 22-171. Application requirements.

(a) A completed mobile food vendor application with signature and payment of fees.

(b) The applicant shall submit a copy of the vehicle inspection report from the Waukesha County Health Department.

(c) The applicant shall provide a mobile food vendor license plan addressing sanitation, pedestrian and traffic safety including the following standards:

(1) The proposed plan will not create any significantly adverse traffic impacts, traffic safety hazards, pedestrian/vehicle conflicts or pedestrian safety hazards or impede building ingress/egress.

(2) The proposed plan will not create any significantly adverse impacts on neighboring properties as a result of:

a. The accumulation of garbage, trash or other waste.

b. Noise created by operation of the equipment.

c. Light and glare.

d. Odors and noxious fumes.

(3) The proposed plan will not be detrimental to the public health, safety, or general welfare.

(4) No mobile food vendor shall be located on any private property without written permission from the property owner. A copy of the written permission shall be submitted at the time of application if the vendor wishes to operate on private property.

(5) For village board approvals granted for the farmer's market or special events, said conditions of approval shall be filed with the application and incorporated therein.

(6) Electrical connections with extension cords to adjacent properties shall be done in a safe manner at the discretion of the village building inspector and with permission of the adjacent property owners.

(7) Mobile food vendors shall not place tables and chairs in the public right-of-way, or in a manner that inhibits pedestrian or vehicle traffic.

(8) Mobile food vendors shall be limited to two sandwich board, chalkboard, or whiteboard, in a size not to exceed 24" × 36". Sandwich boards must be located within three feet of the mobile food establishment and not placed in the public right-of-way, or in a manner that inhibits vehicle traffic.

(d) All vehicles may be inspected by the Hartland Fire Department, Hartland Police Department, or building inspector at any time.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Sec. 22-172. Revocation or suspension of license.

(a) The village board may revoke or suspend any license issued under this subchapter for violation by any property owner/business holding the license, vendor or the vendor 's employee or agent of any provision of state law or village ordinance which renders future vending contrary to the public health, safety or welfare; or for fraud or misrepresentation in solicitation under this chapter. Prior to revocation or suspension, the village shall send written notice to the address on the license about the concerns or issues and provide 15 days for the property owner/business and vendor to correct the issue or concern to the satisfaction of the village. If the concern is not addressed within 15 days from the date of mailing the letter, the village may place the issue of revocation and or suspension before the village board for possible action. The property owner/business vendor and/or their agent may appear before the village board to present information and respond to the issues of concern. The clerk shall send written notice to the property owner/business at the address on the application about the date and time of the meeting for consideration of the matter. Said notice shall be post marked at least five days prior to the board meeting.

(b) An exception to this process exists in that any public health, Hartland Police or Fire Officer may immediately order the mobile food vendor to stop service and the mobile food vendor shall not restart again until deemed safe by the appropriate authority if said public health, Hartland Police or Fire Officer identify an immediate risk to the public health, safety or welfare of the community from the operation of the mobile food vendor.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Sec. 22-173. Violations and penalties.

Any person who shall violate any provision of this chapter or any rule or regulation made under this chapter shall be subject to a penalty as provided in Appendix B citation deposits of this Code.

(Ord. No. 871-22, § 1, 6-27-2022; Ord. No. 875-23, § 1, 1-9-2023)

Village of Hartland
Administration
210 Cottonwood Ave, Hartland, WI 53029
www.villageofhartland.com

Committee: **Village Board**	**Date**:5/14/2025
Village Board Item Number: 7	**Date**: 5/27/2025
Submitted By: Tom Jenson, DPW Director	
Subject: Public Hearing for Water Supply Service Plan	

Details: Since June of 2024 the Wisconsin Administrative Code NR 854 has required public water utilities to create a Water Supply Service Area Plan for utilities that serve a population of 10,000 or more. The plan must be completed before the end of 2025.

The plan uses a 20-year planning period and expires in the year 2045. This plan is required to be reviewed every 5 years and updated as necessary.

The plan serves to point out any deficiencies in the water supply for the projected future. The Villages supply of water and storage of water is in excellent condition for the projected future demands till 2045. The only concern is not a shock to the water department with upcoming PFAS regulations there is a likelihood that we will have to add a PFAS treatment system to Well number 6. Steps required in this process have been in motion to see how this will impact the Village's Budget.

Financial Remarks:

Options & Alternatives:

Executive Recommendation:
No recommendation needed as this is a presentation.

Water Supply Service Area Plan (Draft)

Water Supply Service Area Plan (Draft)
May 20, 2025

PREPARED FOR:
Village of Hartland
210 Cottonwood Ave.
Hartland, WI 53029

PREPARED BY:
Ruekert & Mielke, Inc.
W233 N2080 Ridgeview Parkway
Suite 300
Waukesha, WI 53188

Ruekert • Mielke

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I. INTRODUCTION

In June of 2024, Wisconsin Administrative Code (WAC) NR 854 was released, requiring many public water utilities to create water supply service area plans. This requirement applies to public water systems that withdraw from the waters of the state and that serve a population of 10,000 or more. Water systems are required to have a water supply service area plan prepared before the end of the year 2025. In addition to preparing a plan, if a water system is requesting a new or increased diversion of Great Lakes water, it also is required to submit the plan and obtain department approval.

The Village of Hartland Water Utility meets the above-mentioned criteria and is required to prepare a water supply service area plan but is not required to obtain department approval. The Village of Hartland Water Utility withdraws its water from the waters of the state with its five groundwater wells. Per the Wisconsin Department of Administration (DOA), the estimated population of the Village of Harland in the year 2023 was 10,084. However, the Village does not divert Great Lakes water nor plans to do so in the future. Therefore, this water supply service area plan is prepared to meet the requirements of NR 854.

A. Planning Period

This water supply service area plan uses a 20-year planning period and expires in the year 2045. This plan is required to be reviewed at least every 5 years and updated as necessary (NR 854.05). Current and future water needs were evaluated over a 20-year planning period with consideration given to projected future water needs extending to the year 2045.

B. Scope

This plan uses a systematic approach to introduce and expand basic planning concepts. A review of existing water system facilities is summarized in Chapter II. Population, community growth, and water consumption projections serve as the foundation for evaluating and identifying recommended improvements to the system and are introduced in Chapter III. The assumptions and conclusions presented in Chapter III were used to develop projections of water requirements that are presented in Chapter IV. The developed water requirements are used in Chapter V to summarize the evaluation of the water system supply and storage needs.

Because needs change with time, comprehensive planning is a continuous function; therefore, the longer-term projections and improvements discussed in this report should be periodically reviewed, reevaluated, and modified, as necessary, to ensure the adequacy of future planning efforts. Proper future planning will help ensure that system expansion is coordinated and constructed in the most effective manner.

C. Service Area

The service area is illustrated in Figure I-1 and consists of the Village of Hartland. The service area for the Village's water system is not planned to expand beyond the Village boundaries. Located along Wisconsin State Trunk Highway 16 and north of Interstate Highway 94, the Village of Hartland is within close proximity to the greater Milwaukee metropolitan area.

D. Study Limitations and Assumptions

The following limitations and assumptions underlie the work elements of this plan.

1. The primary purpose of the study is to develop a system plan to guide the extension of adequate water supply services by the Village of Hartland Water Utility to existing and

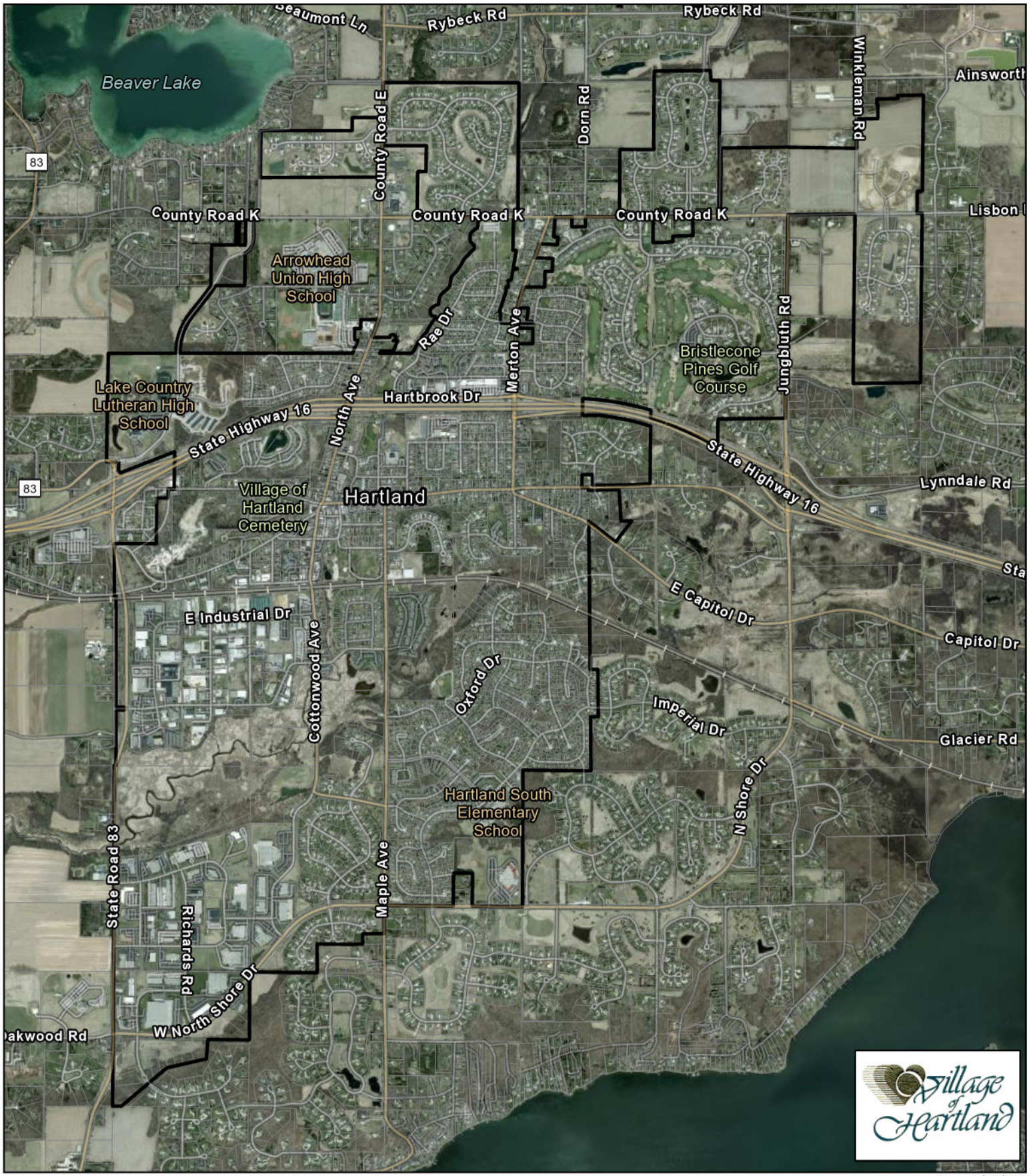
probable future development within the service area. The plan identifies water system infrastructure needed.

2. The plan produced is to provide a sound basis for future facility planning. To this end, the study reviews the size and capacity of wells, pumping stations, and storage facilities.

3. The plan is to be based upon previously developed land use and population information provided to Ruekert & Mielke, Inc. The plan is to be designed to serve and support anticipated community needs based upon the current land use and population projections assuming complete development of the study area within the planning period.

4. Recommendations resulting from the planning efforts are to be consistent with current federal, state and local regulations regarding facility design.

5. This study includes a cursory investigation of the Village water distribution system. The investigation is limited to a review of existing available water quality data and does not include any sampling, laboratory work, or pilot testing.



I:\Projects\09_Hartland\10118 Water Supply\WaterSupply.aprx - WaterSupply Layout

Date: 3/27/2025

Figure I-1

Village Limits

Village of Hartland
Waukesha County, Wisconsin

N

0 2,500 5,000

Feet

Ruekert · Mielke

II. EXISTING WATER SYSTEM FACILITIES

This chapter presents a summary of the existing water system components of the Village of Hartland Water Utility water system. The various facilities operated and maintained by the Village of Hartland Water Utility include:

1. Five groundwater wells
2. Three elevated water storage tanks
4. One ground level storage tank
5. One supply pumping station
6. Two booster pumping stations
7. A network of transmission and distribution water mains

The general location and layout of the water system facilities are illustrated in Figure II-1. A schematic of the water system is illustrated in Figure II-2. The distribution system is separated into two pressure zones: the main pressure zone and the Windrush boosted pressure zone. The Windrush boosted pressure zone is at a higher elevation than the rest of the distribution system and requires a separate pressure zone to provide adequate pressure to customers.

A. Water System Pressure Zones

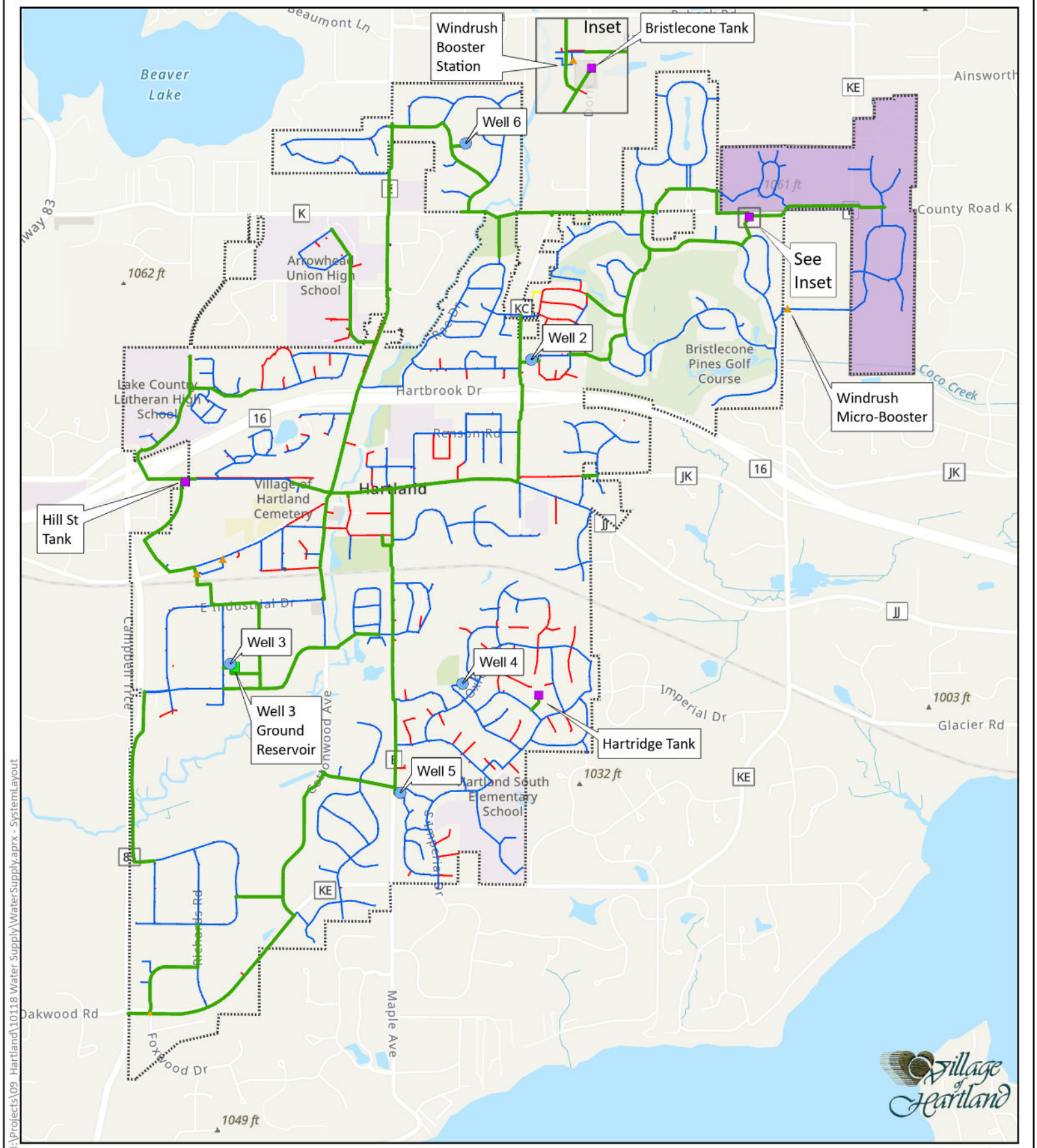
As mentioned above, the Village's water distribution system consists of two pressure zones as illustrated in Figure II-1. Because the Village of Hartland encompasses an area of varied elevations, the pressure zones are necessary to ensure appropriate distribution system pressures for all customers.

1. Main Pressure Zone

The main pressure zone is the largest pressure zone and serves all but a small portion on the northeastern part of the Village. Currently, all of the groundwater wells are located within the Main Pressure Zone. The ground elevations currently served by the Main Pressure Zone are approximately 900 feet to 1,034 feet USGS.

2. Windrush Boosted Pressure Zone

The Windrush Boosted Pressure Zone serves areas of higher elevation north of the Main Pressure Zone and serves the Windrush subdivision. The Windrush Boosted Pressure Zone currently serves elevations from approximately 950 feet to 1,050 feet USGS. The Windrush Boosted Pressure Zone is small in size consisting of approximately 250 acres in total land area.



Hydrants
Well
Enclosed Storage Facility
Booster Station
Elevated Tank
Windrush Boosted Pressure Zone

4"
6"
8"-10"
12"
16"
Unknown
Village Limits

Figure II-1

Village of Hartland
Waukesha County, Wisconsin

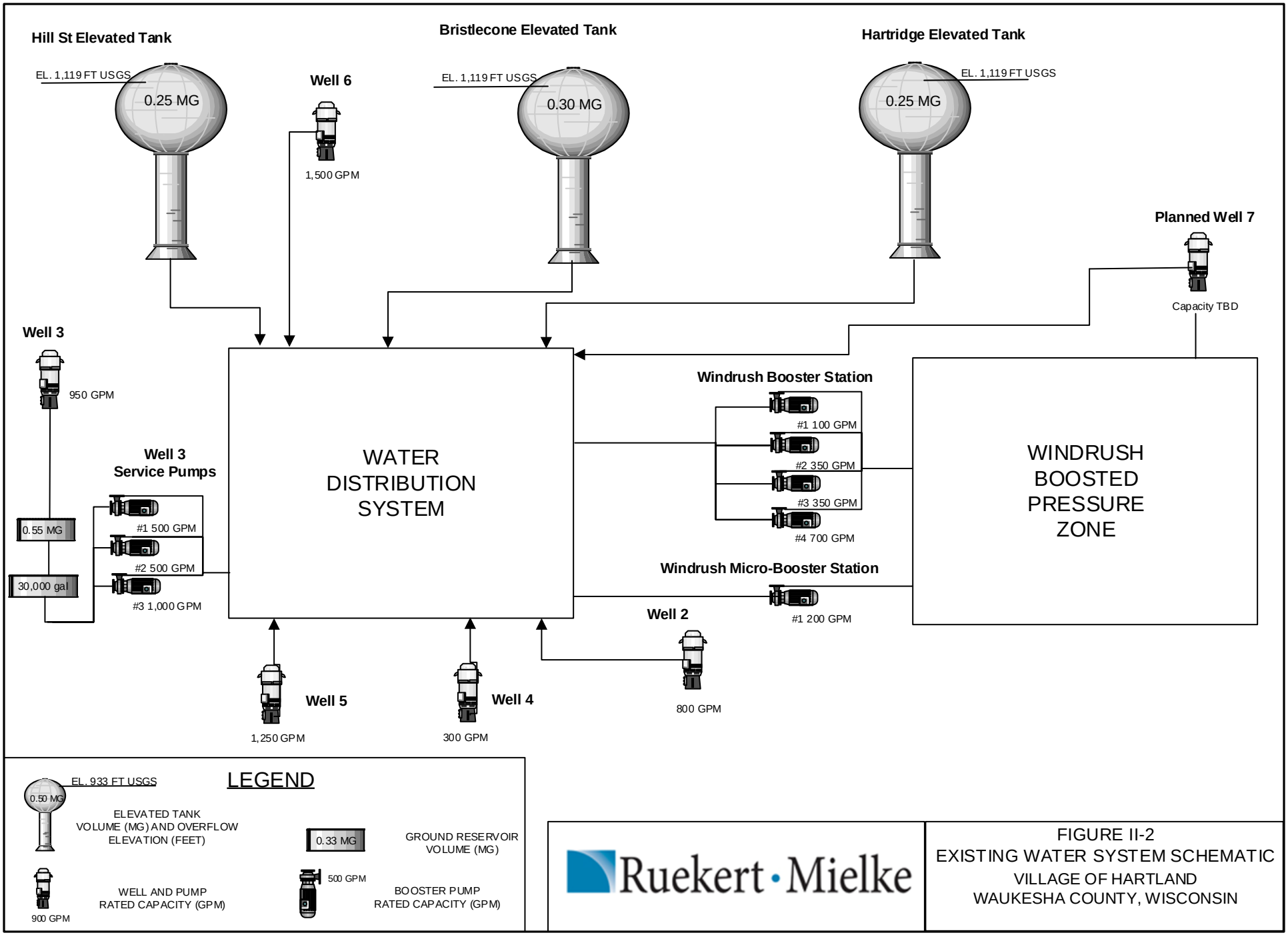
Date: 3/27/2025

N

0 2,500 5,000
Feet

Ruekert · Mielke

I:\Projects\09_Hartland\10118 Water Supply\WaterSupply.aprx - SystemLayout



Ruekert · Mielke

FIGURE II-2
EXISTING WATER SYSTEM SCHEMATIC
VILLAGE OF HARTLAND
WAUKESHA COUNTY, WISCONSIN

B. Water Distribution System

The water distribution system provides a means of transporting and distributing water from the water supply and storage facilities to the utility customers and other points of usage. The distribution system must be capable of conveying adequate quantities of water at reasonable water system pressures throughout the service area under a range of operating conditions. Furthermore, the distribution system must be able to provide not only uniform distribution of water during normal and peak water demand conditions but must also be capable of delivering adequate water supplies for fire protection purposes.

Using water main data maintained by the Village in a GIS-based database, an inventory of the water distribution system was conducted. The water system is comprised of approximately 59 miles of water mains ranging in size from 4 inches to 16 inches in diameter as illustrated in Figure II-1. The current water main inventory is summarized in Table II-1. Of the approximately 59 miles of water main, approximately 27 percent are 12 inches and larger in diameter. These large diameter water mains represent the system's primary transmission facilities. Most of the distribution system, about 82%, is ductile iron. About 70 percent of the existing water mains were installed between 1981 and 2024.

Table II-1: Water Main Size, Material, and Installation Date Distribution

Diameter	Approximate Total Length (ft)	Percentage of Total
4-inch	308	0.1%
6-inch	35,591	11.4%
8-inch	193,199	61.7%
10-inch	69	0.0%
12-inch	84,083	26.8%
16-inch	20	0.0%
Total	**313,271**	**100%**
Material	**Approximate Total Length (ft)**	**Percentage of Total**
Unknown	1,667	0.5%
Cast Iron	17,442	5.6%
Ductile Iron	255,485	81.6%
HDPE	4,106	1.3%
PVC	34,571	11.0%
Total	**313,271**	**100%**
Installation Decade	**Approximate Total Length (ft)**	**Percentage of Total**
Unknown	1,486	0.5%
1940-1949	450	0.1%
1950-1959	4,628	1.5%
1960-1969	10,060	3.2%
1970-1979	69,371	22.1%
1980-1989	43,306	13.8%
1990-1999	88,553	28.3%
2000-2009	54,821	17.5%
2010-2019	31,227	10.0%
2020-2024	9,369	3.0%
Total	**313,271**	**100%**

C. Water Supply and Treatment

1. Well Facilities

The Village of Hartland Water Utility currently maintains five groundwater wells to supply water for the needs of its customers, as shown in Table II-2. With a combined total design pumping capacity of 7.08 MGD the five wells provide an average of just under 1.0 million gallons of water every day. Wells 2, 4, 5, and 6 discharge directly to the water distribution system, while Well 3 discharges to an adjacent clear well and ground storage reservoir. Table II-3 summarizes the water supply facilities and summarizes the service pumps, reservoir, and clear well at the Well 3 station.

Table II-2: Wells and Treatment Facilities

Well Characteristic	Well 2	Well 3	Well 4	Well 5	Well 6
Year Constructed	1956	1973	1971	1983	2005
Depth	82 ft	135 ft	82 ft	89 ft	122 ft
Diameter	20 in	36 in	36 in	20 in	24 in
Static Water Level	51 ft	33 ft	54 ft	18 ft	30 ft
Pump Level	55 ft	78 ft	70 ft	36 ft	35.5 ft
Pump Type	Vertical Turbine	Vertical Turbine	Vertical Turbine	Vertical Turbine	Vertical Turbine
Capacity	800 gpm	950 gpm	400 gpm	1,200 gpm	1,500 gpm
Motor Size	60 hp	30 hp	30 hp	100 hp	150 hp
Treatment Methods					
Sodium Hypochlorite (disinfection)	X			X	X
Gas Chlorination (disinfection)		X			
Orthophosphate (corrosion control)	X	X	X	X	X
Air Stripper w/ Packed Tower (VOC Removal)		X			

Starting in 2001, the Village constructed several test borings in search of potential sites for new production wells. One of the test borings was later converted into Well 6 in 2005. Another test boring, which is referred to as TB-6 in past reports, is viable enough to be constructed into a production well in the future when the need for more supply capacity arises. TB-6 is located in the Windrush area and will be named Well 7 when it is developed.

Wells 2 through 6 are all used to supply the water system. Annual well pumpage is shown in Table II-4. Pumpage from each well is measure by …

Table II-3: Well 3 Reservoir, Clearwell, and Service Pumps

Well 3 Reservoir/Clearwell	
Clearwell Capacity	50,000 gal
Reservoir Capacity	450,000 gal
HWL Elevation	929.5 ft MSL
Service Pumps	**Capacity**
Pump #1	500 gpm
Pump #2	500 gpm
Pump #3	1,000 gpm

Table II-4: Annual Well Pumpage Records

Year	Annual Pumpage (MGY)					
	Well 2	Well 3	Well 4	Well 5	Well 6	Total
2016	54.2	66.9	19.9	82.5	108.7	332.1
2017	55.2	65.0	21.9	90.2	118.6	351.0
2018	55.5	69.7	21.1	86.5	114.6	347.5
2019	53.5	75.6	22.0	84.8	108.6	344.5
2020	57.3	89.1	25.4	88.8	110.7	371.4
2021	53.0	77.4	22.7	83.3	105.5	341.9
2022	42.6	70.4	20.1	88.0	110.4	331.5
2023	57.0	72.6	25.5	93.6	105.4	354.2
2024	45.3	70.4	19.9	84.2	105.0	324.7

D. Water Quality and Treatment Methods

The Village's wells have historically produced high quality water with only a few concerns. With the exception of Well 3 and 6 which are discussed in the following sections, most of the Village's wells do not require any treatment except for disinfection and corrosion control. Treatment methods used at each well are shown in Table II-2. All well facilities include chlorine injection for disinfection and orthophosphate injection for corrosion control.

All the Village's wells include disinfection and corrosion control. Most of the wells include injection of liquid sodium hypochlorite for disinfection. Well 3 is disinfected using gaseous chlorine. Orthophosphate is injected at all wells as a corrosion inhibitor. During lead and copper sampling, the Village has in the past experienced concentrations of lead that exceed the Lead and Copper Rule (LCR) action level. In 2022, a study was done to investigate the elevated levels of lead. The study concluded that the lead in the water was most likely a result of pipe corrosion and recommended the use of orthophosphate as a corrosion inhibitor. Orthophosphate injection for corrosion inhibition was implemented in September of 2024.

1. Well 3 – Volatile Organic Compounds

Well 3 has regularly tested high on volatile organic compounds (VOCs). Several raw water samples have resulted in VOCs higher than the maximum contaminant levels (MCL). Specifically, raw water samples from Well 3 have tested high in trichloroethane. The VOCs present in Well 3 are removed using aeration in a packed tower. The most recent raw water sample results are included in Appendix A.

2. Well 6 – PFAS

PFAS, or Per/Poly-Fluoroalkyls Substances are synthetic compounds that are used in many industrial products and processes and have been found in many water supplies. Exposure to PFAS has been found to be related to various health issues, including high cholesterol, thyroid disease, some cancers, and other health conditions. There have been many efforts in recent years to regulate and eliminate PFAS in industrial processes and in drinking water.

The Village of Hartland performs annual PFAS sampling of each well, the most recent of which took place in February of 2025 and is included in Appendix B. Low levels of PFAS have been found in each of the wells. Until recently, PFAS concentrations were below federal and state regulatory limits and health advisory levels. However, in February 2025, the Wisconsin Department of Health Services (DHS) updated the health advisory levels for PFAS. With these updates, Well 6 slightly exceeds the health advisory level for the compound PFOS. The hazard index calculation, included in Appendix C, is not exceeded. While Well 6 can continue to be used without treatment, public notification to customers may be required in the future for continued use of Well 6.

The PFAS concentrations for all wells are below the state's current MCLs which were adopted in 2022, however, these MCLs are planned to be updated to more stringent standards by 2026. The current and future MCLs are shown in Table II-5 and are compared to the sample results. PFAS concentrations in Well 6 are below current MCLs but are higher than the future MCLs for the compound PFOS. Previous samples have resulted in concentrations of the compound PFOA that exceeded the future MCL. While the future MCLs are planned to be effective by 2026, the Environmental Protection Agency (EPA) will require that solutions need to be implemented by 2029. The Village should start planning treatment solutions for the PFAS concentrations in Well 6.

Table II-5: Summary of PFAS Sample Results

PFAS Chemical Name	Feb. 2025 Sample Results, ppt					Health Advisory, ppt	MCL, ppt	
	Well 2	Well 3	Well 4	Well 5	Well 6		Current	Future
PFOA	0.0	1.7	1.5	0.8	3.5	4	-	4
PFOS	0.7	2.5	1.1	0.6	4.1	4	-	4
PFHxs	0.8	2.3	3.1	0.7	2.3	10	-	10
HFPO-DA (GenX)	0.0	0.0	0.0	0.0	0.0	10	-	10
PFNA	0.0	0.0	0.0	0.0	0.0	10	-	10
PFBS	5.5	7.0	4.7	2.9	2.8	2,000	-	-
Combined PFOA & PFOS	0.7	4.2	2.6	1.4	7.6	-	70	-
Mixture of two or more: PFHxS, PFNA, HFPO-DA and PFBS[1]	0.1	0.2	0.3	0.1	0.2	-	-	1 [1]

1. Hazard index is calculated per EPA requirements, as follows:

$$\text{Hazard Index (1 unitless)} = \left(\frac{[\text{HFPO} - \text{DA}_{\text{ppt}}]}{[10\ \text{ppt}]}\right) + \left(\frac{[\text{PFBS}_{\text{ppt}}]}{[2000\ \text{ppt}]}\right) + \left(\frac{[\text{PFNA}_{\text{ppt}}]}{[10\ \text{ppt}]}\right) + \left(\frac{[\text{PFHxS}_{\text{ppt}}]}{[10\ \text{ppt}]}\right)$$

E. Water Storage

The Village of Hartland Water Utility operates three water storage facilities which are located throughout the water distribution system. The combined storage capacity of all the facilities is 800,000 gallons. All three facilities are elevated tanks. Two are spheroid type tanks and the third facility is a standpipe. All the elevated storage tanks are in the main pressure zone.

The elevated facilities are identified as follows:

300,000-gallon Bristlecone Elevated Storage Tank (see Table II-6)
250,000-gallon Hartridge Elevated Storage Tank (see Table II-7)
250,000-gallon Hill Street Elevated Storage Tank (see Table II-8)

Table II-6: Bristlecone Elevated Tank

Bristle Cone Elevated Tank	
Capacity	300,000 gallons
Year constructed	1995
Constructed by	
Type	Spheroid
Construction material	Steel
Overflow elevation	1,119 feet
Diameter	Varies
Head range	32’-6”
Height to overflow	85 ft
Comments	



Table II-7: Hartridge Elevated Tank

Hartridge Elevated Tank	
Capacity	250,000 gallons
Year constructed	1975
Constructed by	
Type	Spheroid
Construction material	Steel
Overflow elevation	1,119 feet
Diameter	Varies
Head range	31”-3”
Height to overflow	
Comments	



Table II-8: Hill St Elevated Tank

Hill St Elevated Tank	
Capacity	250,000 gallons
Year constructed	1974
Constructed by	
Type	Spheroid
Construction material	Steel
Overflow elevation	1,119 feet
Diameter	Varies
Head range	31’-3”
Height to overflow	93 feet
Comments	



F. Booster Pumping Facilities

The Village of Hartland Water Utility operates and maintains two booster pumping facilities that supply water to the Windrush Boosted Pressure Zone. The main booster station has four pumps with the following capacities:

- Pump #1: 100 gpm at 60 ft TDH
- Pump #2: 350 gpm at 60 ft TDH
- Pump #3: 350 gpm at 60 ft TDH
- Pump #4: 700 gpm at 60 ft TDH

The second booster station is a small in-ground station with a single pump. This station has a capacity of 200 gpm and is only used as backup.

G. Inventory of Alternative Sources

The Village currently owns and operates 5 groundwater wells. There are currently no plans to abandon any of the wells or seek an alternative supply. However, if the need for an alternative supply arises, there are three potential options that the Village could pursue. One alternative supply option is the test boring TB-6, as discussed in Section II-C.1. This test boring has been shown to be viable enough to be converted into a production well. A second option for alternative supply would be to construct a new well at a new location. This option would require hydrogeologic evaluations and testing to find a viable location for a new well. A third option for an alternative supply could be a wholesale connection to a neighboring water system, such as the Village of Pewaukee, the City of Pewaukee, or the Village Sussex.

A fourth alternative supply option that was considered is to use surface water from Lake Pewaukee. However, this option is not considered feasible. Lake Pewaukee is considered a recreational lake and receives surface runoff from surrounding areas. The lake is not considered a viable source without extensive treatment. Using Lake Pewaukee as a surface water source would require a very large investment in surface water treatment to provide adequate water quality.

III. POPULATION AND COMMUNITY GROWTH

This chapter summarizes the planning assumptions made regarding the Village of Hartland Water Utility. The population and community growth discussed here will be used as the basis for the service area water requirement projections presented in Chapter IV.

A. Population and Population Density

There is generally a close relationship between a community's population and total water consumption volumes. As a community's population may fluctuate up or down it is anticipated that the water sales will also fluctuate. Therefore, future water sales can be expected to generally reflect future changes in service area population. Similarly, commercial, public, and industrial water consumption will also tend to vary proportionately with the growth of the community.

Table III-2 summarizes historical population data and estimates of future population for the Village of Hartland. According to the DOA, the 2023 population of the Village was approximately 10,084. Comparatively, the 2020 census population was 9,501. The population has therefore grown in recent years having seen an estimated increase of approximately 6.1% percent since the 2020 census.

Table III-2 shows population projections from both the DOA and the Village of Hartland's 2019 Comprehensive Plan for every 5 years for the 20-year planning period until 2045. The DOA projections include population estimates for every 10 years up to 2050. For estimating mid-decade years 2035 and 2045, the population was interpolated. The population estimates in the Village's 2019 Comprehensive Plan end at 10,990 in 2040 and do not reach the end of the planning period of this report.

The average household size throughout the Village, per the comprehensive plan, was 2.55 in 2010 and 2.53 in 2017, suggesting a steady decrease. With a total population of 10,048 in 2023, the total number of residences is about 3,990 residential units, including single- and multi-family. The total single and multi-family residential land use noted in the comprehensive plan is about 1,279 acres, resulting in an average population density of 3.12 units per acre.

The Village's 2019 Comprehensive Plan has several different classifications of residential areas, each with different population densities. The different classes of residential land use and their corresponding population densities are summarized in Table III-1. Land use maps from the comprehensive plan can be found in Appendix D.

Table III-1: Residential Land Use Categories

Category	Density	Summary
High Density Residential	8 to 18 units/acre	The High-Density Residential category represents the highest density land use throughout the community. Densities should range from 8 to 18 units per acre and support multifamily development.
Medium Density Residential	5 to 8 units/acre	The Medium Density Residential represents smaller scale residential development, ranging from twin homes to dense single-family home areas.
Low/Medium Density Residential	2.5 to 5 units/acre	The Low/Medium Residential category is new to the 2045 land use plan. This category represents smaller long single-family developments throughout the community.
Low Density Residential	1 to 2.5 units/acre	The Low-Density Residential category represents the standard single-family development that most consider when considering residential uses.
Estate Residential	0 to 1 unit/acre	The Estate Residential land use category is also new for the 2045 land use plan. This land use represents large lot residential development, on lots greater than 1 acre in size.

Source: Village of Hartland 2019 Comprehensive Plan Table 22

B. Utility Service Area

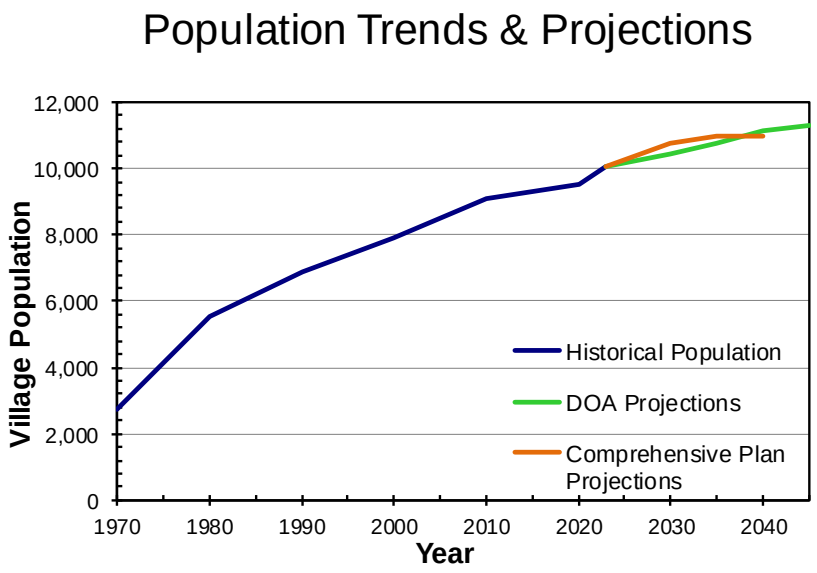
The service area of the water system encompasses the municipal boundaries of the Village of Hartland and shown in Figure I-1. There are no water customers outside of Village's municipal boundary. The Village does not have any plans to expand the water system in serve customers outside of the municipal boundary.

Table III-2: Population Trends & Projections

Year	Historical Population	
	Population	Change
1970	2,763	---
1980	5,559	101.2%
1990	6,906	24.2%
2000	7,905	14.5%
2010	9,110	15.24%
2020	9,501	4.3%
2023	10,084	6.1%

Year	WDOA Projections		2019 Comp. Plan Projections	
	Population	Change	Population	Change
2030	**10,432**	3.5%	**10,770**	6.8%
2035	**10,786**	3.4%	**10,980**	1.9%
2040	**11,139**	3.3%	**10,990**	0.1%
2045	**11,312**	1.6%		

Notes
Sources: Wisconsin Department of Administration and U.S. Census Bureau and 2019 Village of Hartland Comprehensive Plan.



C. Land Use

For this study, the existing and projected land uses in the Village's 2019 Comprehensive Plan were reviewed. Table III-3 summarizes existing and projected land use categorized by water service customer type for the Village of Hartland. Appendix D includes existing and projected land use maps extracted from the comprehensive plan.

Table III-3 shows the growth and development that is expected within the Village of Hartland. The 2045 projections from the comprehensive plan show an increase of single-family residential, multi-family residential, and commercial development. Public land use is also expected to increase but only slightly. The overall industrial land use was projected to decrease significantly.

Table III-3: Summary of Existing and Future Land Use

Land Use	Current Acres (2019)	From 2019 Comprehensive Plan	
		Future Acres (2045)	Additional Acres Required
Single Family Residential[1]	1,077	1,152	**75**
Multi-Family Residential[2]	202	251	**49**
Public Authority	459	471	**12**
Commercial	89	360	**271**
Industrial	209	135	**-74**

Source: Village of Hartland Comprehensive Plan (2019), Tables 2 and 11

Notes:
1. Includes Medium Density, Low/Medium Density, Low Density, and Estate Residential land use categories.
2. Includes High Density Residential land use category.

E. Projected Growth Areas

There are a few areas in the Village that are anticipated to experience growth during the planning period of this study. Most of the planned developments are multi-family housing developments such as senior living and apartment complexes. Some developments that are planned within the next few years are described below:

- Senior Living: New senior living development near Lake Country Lutheran School.
- Downtown: New apartment complex near Cottonwood Ave and West Park Ave.
- West Rock Development: 264 units of condominiums and apartments near W Capitol Drive and STH 83.

Most of the land throughout the Village's municipal boundaries is developed. The majority of the undeveloped land throughout the Village, with the exception of a few environmental areas, is located in the northeast section of the Village.

F. Summary

This chapter summarizes the primary assumptions regarding future growth within the Village of Hartland Water Utility service area. The needs and characteristics of the service area will have a direct impact on the need for the expansion of water system facilities. Therefore, the conclusions discussed in this chapter are used as a primary basis for projecting future water needs, evaluating the adequacy of existing water system facilities, and determining what water system improvements are needed to maintain an adequate level of service as population increases.

IV. WATER REQUIREMENTS

Projections of customer demands serve as the basis for capital improvements planning. Several standard methods were used in this study to project water supply and storage needs based on estimates of population and community growth. This chapter summarizes the methodology used and the results of those projections.

A. Water Consumption History

To project future water requirements, it is first necessary to determine the water use characteristics of the utility customers. Geographical location as well as socio-economic factors often play a role in shaping how water is used at the local level. For example, communities located in areas of sandy soil may utilize more water for irrigation than communities located in moisture-retaining soils. Communities with agricultural businesses (i.e., canneries) or heavy manufacturing (paper mills, iron and steel production) often use more water than communities with only lighter manufacturing (i.e. fabricating or assembly plants). To determine the water characteristics of the Village, an analysis of past pumpage and water sales records for the period from 2013 to 2023 was conducted. The analysis included a review of both average and maximum day water pumpage along with the amount of water sold in each customer class. The results of this analysis are then utilized to project future water requirements when coupled with estimates of population and community growth discussed in Chapter III.

A summary of historical water sales and pumpage is provided in Table IV-1. Over the 11-year period of data summarized in the table, water sales have fluctuated from a low of 287 million gallons per year (MGY) in 2014 to a high of 348 MGY in 2023. Although water sales have fluctuated both up and down, the overall trend in sales over the past 11 years has increased with 2023 water sales being approximately 15 percent more than sales in the 2013. Over the same period, total pumpage has increased and is currently approximately 11 percent greater than it was in late 2013.

A historical summary of Village of Hartland Water Utility customers served is provided in Table IV-2. Water sales to individual customer classes are summarized in Table IV-3. As shown in the tables, the number of residential and multifamily customers as well as sales has slightly increased over the past 11 years. The number of commercial customers and commercial sales has remained constant. While the number of industrial customers has also remained constant, sales to industrial customers have increased. Also, the number of public customers remained constant, but sales have decreased.

As illustrated in Table IV-2 and Table IV-3, residential customers presently account for 86 percent of the utilities' customers and approximately 63 percent of the total sales. Commercial and multifamily water use in 2023 accounted for approximately 11 percent of the customers and 23 percent of total sales. Metered industrial sales and public uses currently account for approximately 2 percent and 1 percent of the customers respectively, and represent approximately 12 and 2 percent of total sales, respectively.

Table IV-1: Historical Water Pumpage and Sales

Year	Estimated Population	Total Pumpage (MG)	Total Sales (MG)	Pumpage Sold (%)	Non-Revenue Water (%)	Unnacounted for Water (%)	Average Day		Maximum Day		Ratio of Maximum to Average Day Pumpage
							MGD	GPCD	MGD	Date	
2013	9,246	319	303	95%	5%	3%	0.874	94.5	2.163	July 19	2.48
2014	9,287	308	287	93%	7%	5%	0.845	91.0	1.787	July 24	2.12
2015	9,416	317	302	95%	5%	3%	0.869	92.3	2.664	Oct 25	3.07
2016	9,441	330	299	91%	9%	8%	0.905	95.8	1.824	Aug 10	2.02
2017	9,535	351	311	88%	12%	10%	0.962	100.8	1.830	Sep 25	1.90
2018	9,620	347	309	89%	11%	9%	0.952	98.9	1.787	July 18	1.88
2019	9,683	344	294	85%	15%	12%	0.944	97.5	1.835	July 26	1.94
2020	9,770	371	321	86%	14%	11%	1.017	104.1	2.182	July 6	2.14
2021	9,875	342	340	99%	1%	0%	0.937	94.8	2.243	June 14	2.39
2022	9,998	332	308	93%	7%	5%	0.908	90.8	1.855	July 1	2.04
2023	10,084	354	336	95%	5%	0%	0.970	96.2	2.004	July 29	2.07

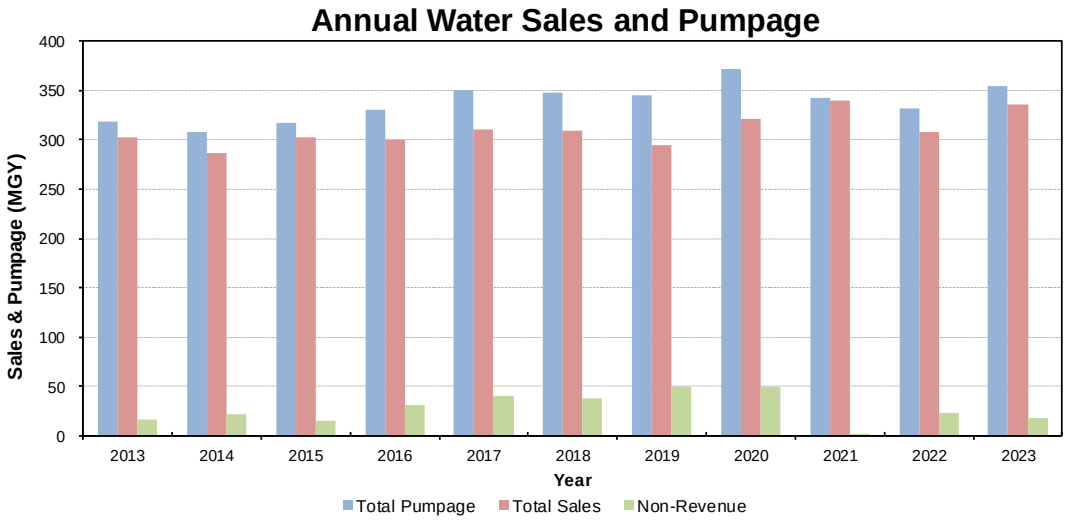


Table IV-2: Historical Customer Summary

Year	Number of Customers					
	Residential	Commercial	Industrial	Public	Multifamily[1]	Total
2013	2,502	339	73	23		2,937
2014	2,516	338	73	23		2,950
2015	2,558	336	74	23		2,991
2016	2,570	239	76	24	90	2,999
2017	2,595	244	75	24	91	3,029
2018	2,622	242	75	25	92	3,056
2019	2,640	243	76	25	92	3,076
2020	2,655	242	74	26	92	3,089
2021	2,696	244	74	26	97	3,137
2022	2,743	239	70	24	100	3,176
2023	2,761	245	72	26	101	3,205

Notes:
1. Multifamily was previously considered commercial until 2016.

2023 Customer Summary

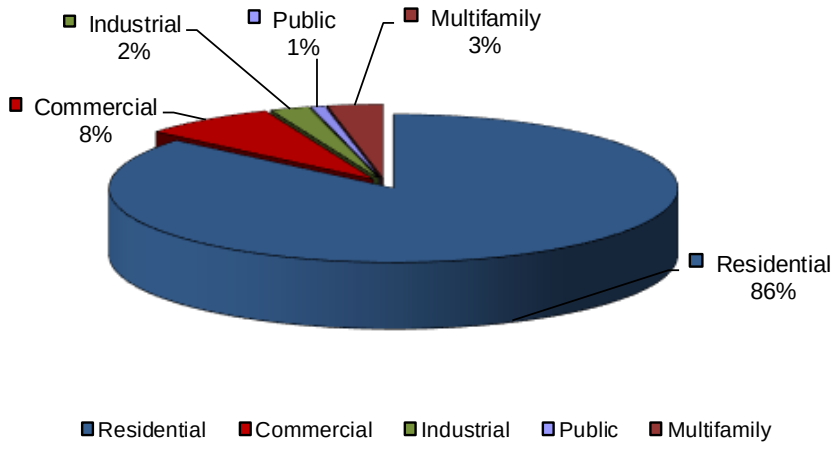
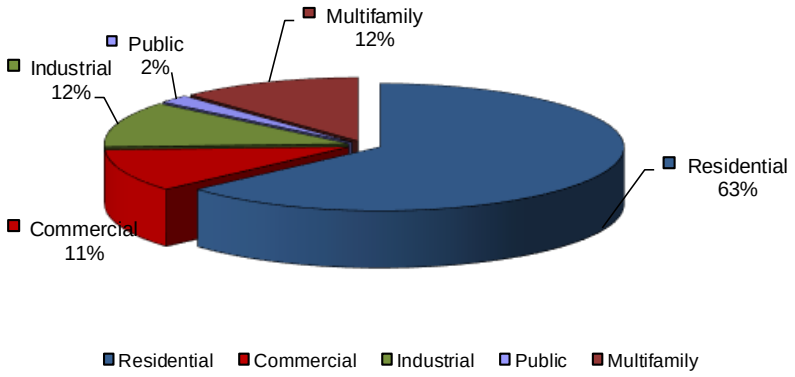


Table IV-3: Water Consumption History

Year	Annual Water Sales (MGY)					Total Sales (MGY)	Total Pumpage (MGY)	% of Pumpage Sold
	Residential	Commercial	Industrial	Public	Multifamily[1]			
2013	194.21	73.71	20.33	11.21		299.44	318.97	94%
2014	183.05	73.98	15.59	11.72		284.34	308.32	92%
2015	186.70	75.41	20.34	11.45		293.90	317.21	93%
2016	187.38	36.30	26.15	10.52	35.90	296.24	330.20	90%
2017	185.75	37.08	39.10	10.67	34.63	307.22	350.98	88%
2018	176.49	37.18	48.79	11.87	34.48	308.80	347.37	89%
2019	169.74	35.31	44.16	11.05	33.87	294.14	344.47	85%
2020	197.66	34.91	43.12	9.49	35.93	321.12	371.34	86%
2021	204.44	37.01	47.34	11.87	39.19	339.85	341.87	99%
2022	187.35	36.52	39.17	7.29	37.66	307.99	331.52	93%
2023	213.18	36.31	39.24	6.86	40.56	336.15	354.17	95%

Notes:

1. Multifamily was previously considered commercial until 2016



B. Unit Consumption Water Usage

Residential, commercial, and public water usage can often be correlated to a community's population. Sales to these customer classes will generally rise and fall in proportion to changes in population and thus make it useful for projecting future water sales. Nearly all the residents within the Village's boundaries are served by the Village's water system.

An analysis of per capita water consumption for the Village of Hartland Utility for each of the customer classifications was made from the available sales records summarized in Table IV-3. Tabular results of the analysis are illustrated in Table IV-4. As can be seen from the table, per customer sales to residential and multi-family residential have followed generally consistent trends over the previous 10 years. The per customer industrial consumption has nearly

doubled since 2013. The consumption per public customer has decreased by nearly half since 2013 and the consumption per commercial customer has decreased by about 32%.

Table IV-5 shows that the per capita water consumption has remained fairly constant since 2013 with some variation, averaging at about 54 gpcd (gallon per capacity per day). The commercial water usage included multi-family residential usage until 2015. After that, commercial water consumption remained constant at about 10 gpcd. Public and multifamily residential water consumption also remained stable around 3 and 10 gpcd, respectively. Industrial water usage per capita has nearly doubled since 2013.

An analysis of the per acre water consumption was also made for the Village of Hartland for each of the customer classifications. Table IV-6 summarizes the results of the analysis. Similar to the residential per service consumption trend, the Utility's residential per acre consumption has remained fairly constant over the previous 11 years, averaging at approximately 480 gallons per acre per day (gpad). Since 2016, commercial consumption has been stable around 314 gpad. Industrial consumption per acre has had a significant increase since 2013 of almost double. Public per acre consumption increased steadily until 2018 and then decreased significantly after 2021. Multifamily per acre consumption has shown a gradual increase since 2016.

Table IV-4: Historical Usage per Service

Year	Gallons per Service per Day					
	Residential	Commercial	Industrial	Public	Multifamily[1]	Total
2013	213	596	763	1,335		279
2014	199	600	585	1,396		264
2015	200	615	753	1,364		269
2016	200	416	943	1,201	1,093	271
2017	196	416	1,428	1,218	1,043	278
2018	184	421	1,782	1,301	1,027	277
2019	176	398	1,592	1,211	1,009	262
2020	204	395	1,596	1,000	1,070	285
2021	208	416	1,753	1,250	1,107	297
2022	187	419	1,533	833	1,032	266
2023	212	406	1,493	723	1,100	287
Average	**198**	**463**	**1,293**	**1,166**	**1,060**	**276**

Table IV-5: Historical Per Capita Usage

Year	Estimated Total Retail Population	Gallons per Capita per Day						
		Residential	Commercial[1]	Industrial	Public	Multifamily[1]	Total Metered	Total Pumpage
2013	9,246	57.5	21.8	6.0	3.3		88.7	94.5
2014	9,287	54.0	21.8	4.6	3.5		83.9	91.0
2015	9,416	54.3	21.9	5.9	3.3		85.5	92.3
2016	9,441	54.4	10.5	7.6	3.1	10.4	86.0	95.8
2017	9,535	53.4	10.7	11.2	3.1	9.9	88.3	100.8
2018	9,620	50.3	10.6	13.9	3.4	9.8	87.9	98.9
2019	9,683	48.0	10.0	12.5	3.1	9.6	83.2	97.5
2020	9,770	55.4	9.8	12.1	2.7	10.1	90.0	104.1
2021	9,875	56.7	10.3	13.1	3.3	10.9	94.3	94.8
2022	9,998	51.3	10.0	10.7	2.0	10.3	84.4	90.8
2023	10,084	57.9	9.9	10.7	1.9	11.0	91.3	96.2
Average		**53.9**	**10.2**	**9.9**	**3.0**	**10.3**	**87.6**	**96.1**

Notes
1. Multifamily water consumption was included with commercial consumption until 2016. Therefore, the average usage for commercial water consumption does not include the years 2013-2015.

Table IV-6: Historical Per Acre Usage

Land Use	Residential	Commercial[1]	Industrial	Public	Multifamily[1]
Land Use Area (acres):	1,077	317	209	459	202
Year	**Gallons per Acre per Day (gpad)**				
2013	494.0	637.0	266.4	66.9	
2014	465.6	639.4	204.4	69.9	
2015	474.9	651.8	266.6	68.3	
2016	476.7	313.7	342.8	62.8	487.0
2017	472.5	320.5	512.5	63.7	469.7
2018	449.0	321.3	639.6	70.9	467.7
2019	431.8	305.2	578.9	66.0	459.3
2020	502.8	301.7	565.2	56.7	487.4
2021	520.1	319.9	620.6	70.8	531.5
2022	476.6	315.6	513.4	43.5	510.8
2023	542.3	313.8	514.3	41.0	550.1
Average	**482.4**	**314.0**	**456.8**	**61.9**	**495.4**
Adjustment to Industrial Water Usage to Account for Medline Industries[2]					
2023 Total Industrial Water Usage:			39.2 MGY		
2023 Medline Industries Water Usage:			28.4 MGY		
2023 Industrial Water Usage (Not Including Medline)			10.8 MGY		
Acreage of Medline Industries:			16.3 acres		
Industrial Acreage (Not including Medline)			192.7 acres		
Adjusted per Acre Consumption:			**154.1 GPAD**		
Land Use	**Residential**	**Commercial**	**Industrial**	**Public**	**Multifamily**
Projected Usage (gpad)[3]	**500**	**325**	**160**	**60**	**550**

Notes

1. Multifamily water consumption was included with commercial consumption until 2016. Therefore, the average usage for commercial water consumption does not include the years 2013-2015.
2. Medline Industries is the Village's largest water customer and accounts for about 70% of all sales to industrial customers. For projecting future industrial water usage, the per acre water use for industrial customers was adjusted to separate it from Medline Industries.
3. Used for projecting water consumption.

C. Industrial Water Usage

Table IV-3 and Table IV-5 summarize the annual industrial water sales and resulting per capita usage from 2013 to 2023. As seen in Table IV-5, per capita industrial sales increased over the years and peaked in 2018 and then decreased. However, unlike other water sales components, sales to industrial customers do not necessarily correlate well with population but are more a function of business needs and activities. As such, it is often necessary to implement other means of estimating future water sales.

To understand why industrial water sales do not correlate well with population, one should consider what is most likely to impact a business's need for water. While the size of the workforce can influence a company's water use, variations in water use are not generally population dependent but rather depend on the types of industries served and the level of production activity. Much more than population, fluctuations in water consumption for a particular industrial firm can be attributed to other factors including:

1. Changes in production schedules or operational capacity.
2. Changes in manufacturing processes.
3. Changes in the number of people employed.
4. Addition or deletion of product lines.
5. Seasonal variation in cooling requirements.
6. Seasonal changes in business activity.
7. Implementation of conservation measures.

While industrial customers often represent a small percentage of the total number of customers (Table IV-2), these customers can represent a significant portion of the total water sales (Table IV-3). The average industrial customer used more water than any other customer class, as shown in Table IV-4. Consequently, changes in water consumption characteristics by these potential high volume water users could have an impact on total future water requirements. Estimates for future industrial water sales are discussed in specific detail later in this Chapter.

Additionally, the average industrial water use from 2023 was about 39.2 MG which equates to about 514 gpad for industrial customers. However, about 70% of the industrial water consumption is the result of a single customer, Medline Industries. Therefore, for purposes of projecting industrial water consumption, water usage from Medline Industries was separated from the overall average. When water consumption form Medline Industries is not included in the total industrial water usage, the average industrial water consumption drops to about 160 gpad. This value is used for purposes of projecting industrial water usage, as shown in Table IV-6.

D. Non-revenue Water and Unaccounted for Water

There is generally a close relationship between the total gallons of water pumped and the gallons of water metered and sold to water utility customers. The total metered water sales are most often less than the amount of pumpage due to several factors including:

1. Unmetered water usage for firefighting.
2. Inaccuracies in water metering devices.
3. Unmetered public water usage.
4. Leakage within the distribution system.
5. Unmetered water usage for treatment processes and maintenance purposes, such as filter cleaning, hydrant flushing and water main repairs.

The difference between total pumpage and total water sales is termed "non-revenue water" and is usually expressed as a percentage. That portion of non-revenue water attributed to

leakage, meter inaccuracies, and other unknown losses is often termed “unaccounted-for water” and can be an indicator of the condition of the water system. When a distribution system is very old or poorly maintained, the amount of unaccounted-for water often increases dramatically.

Over the last 11 years, the percentage of the total pumpage volume that is sold (metered) has been reported to be as low as 85 percent in 2019 and as high as 99 percent in 2021. A summary of historical non-revenue water and unaccounted-for water (Water Losses) volumes is provided in Table IV-1. The degree of fluctuation experienced in metered pumpage is common for public water utilities and can be influenced by the factors summarized above. For example, the percentage of total pumpage metered would be expected to decrease in years when unusual problems with leakage or meter stoppage occurred, or when unusually high water demands for fire protection occurred. As a very general rule, the percentage of non-revenue water should ideally be less than 15 percent. For water pumpage projections, this study assumes that the percentage of non-revenue water in future years will be maintained at 10 percent.

Historically, the unaccounted-for water, or water losses, for the Village of Hartland has varied. Reported water losses for some years have been between 8 and 12 percent, while most years have been at 5 percent or lower.

It is important to note that quantifying non-revenue water simply as a percent of pumped water to billed water, while widely used and accepted, is limited in its ability to accurately indicate an appropriate or acceptable level of water loss. For example, if water conservation measures are implemented causing total consumption to decrease, and yet leakage and other unaccounted for water uses remain that same (as volume) then the percent of unaccounted-for water actually increases as a percent. This would mistakenly indicate that the level of water loss has gotten worse, while in actuality it has remained the same.

E. Variations in Customer Demands and Pumpage

Water consumption is not constant throughout the calendar year and varies day to day and even hour to hour. It is important that the Village of Hartland Water Utility be able to meet the needs of its customers even during periods of increased water demand. To ensure that the needs of customers can be met at all times, it is important to understand the variations that occur in water consumption and then quantify the variations in demand.

Maximum daily water demands usually occur during the summer months on hot days when additional water is used for watering lawns, gardening, washing, and industrial cooling. Understanding and quantifying the maximum day pumpage is of particular importance to water system planning, because water supply facilities must be sized to meet this demand. The maximum day demand is defined as the amount of water pumped during a single day of the year with the highest water usage. Maximum day demand is often expressed as a ratio (or factor) of the annual average day pumpage.

Table IV-7 presents the average and maximum day pumpage for each year from 2013 to 2023. With the exception of maximum day pumpage resulting from artificial demands caused by water main breaks, tank overflows, or hydrant flushing, the maximum day pumpage typically occurs during the meteorological summer months of June, July, August, or September.

Over the last 11 years, the maximum day pumpage ratio (ratio of maximum day to average day pumpage) has varied from a low of approximately 1.88 in 2018 to a high of 3.07 in 2015. The values shown in Table IV-7 are typical for similar communities, where design ratios of 2 to even 3 percent are common. This is due to the larger percentage of the total water usage being

consumed to meet the variable demands of residential and commercial customers as opposed to the more continuous water needs of industrial customers.

To gain a better understanding of expected fluctuations in customer demands for the Village of Hartland, a statistical analysis was performed of historical maximum day to average day pumpage ratios. The results of this analysis are also summarized in Table IV-7. For the years 2013 to 2023, the average maximum day demand ratio was about 2.19.

For planning purposes, it is good practice to project future pumpage using a maximum day ratio greater than the average. For this reason, Table IV-7 also includes a statistical analysis of maximum day pumpage ratios for various confidence levels. For example, there is a 90 percent chance in any given year that the actual maximum day pumpage ratio will be less than or equal to 2.48. Conversely, there is a 10 percent chance that the actual ratio will exceed 2.48. To evaluate future water supply and storage needs, a maximum day pumpage ratio of 2.48 was used for this study. This ratio provides a confidence level of approximately 90 percent.

F. Hourly Demand Fluctuations

The hour-to-hour variation of customer demands is also an important characteristic used to evaluate water supply and storage requirements. Peak hour demand is important because storage facilities are usually designed to provide water to meet the peak hour demand requirement in excess of the demand equal to the maximum day pumpage. As with maximum day demands, peak hour demand is often expressed as a ratio of peak hour to average day demand for the year. Peak hour demand is defined as the hour of maximum demand that occurs on the maximum day.

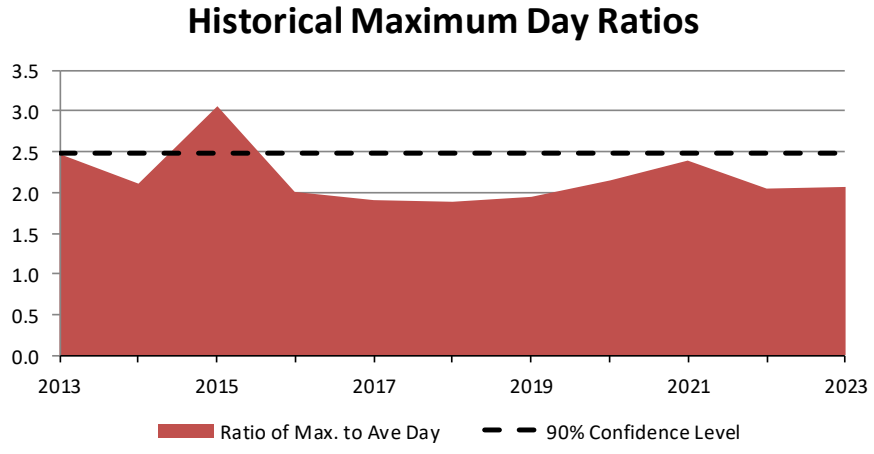
According to AWWA Manual M32, typical ranges for peak hour factors in distribution systems of various sizes are 1.3 to 2.0 for peak hour to maximum day and 0.2 to 0.6 for minimum hour to maximum day. In this study, a peak hour demand factor of 1.6 times the maximum day demand is used which is typical for municipalities the size of Hartland.

Table IV-7: Daily Pumpage Variations

Year	Avg. Day Pumpage (MGD)	Max. Day Pumpage (MGD)	Date of Maximum Day	Ratio of Max. to Ave Day
2013	0.87	2.163	July 19	2.48
2014	0.84	1.787	July 24	2.12
2015	0.87	2.664	Oct 25	3.07
2016	0.90	1.824	Aug 10	2.02
2017	0.96	1.830	Sep 25	1.90
2018	0.95	1.787	July 18	1.88
2019	0.94	1.835	July 26	1.94
2020	1.02	2.182	July 6	2.14
2021	0.94	2.243	June 14	2.39
2022	0.91	1.855	July 1	2.04
2023	0.97	2.004	July 29	2.07

Statistical Analysis	Result
Number of years of Data	11
Maximum Ratio - Max. to Avg. Day Pumpage	3.07
Minimum Ratio - Max. to Avg. Day Pumpage	1.88
Average Ratio Max. to Avg. Day Pumpage	2.19

Confidence Level (%)	Ratio of Max. to Avg. Day Pumpage
80%	2.39
85%	2.43
90%	2.48
95%	2.77
98%	2.95
100%	3.07



G. Water Consumption and Pumpage Projections

Future sales and pumpage projections are based on assumptions of water demand, coupled with estimates of future population and community growth presented in Chapter III. A detailed summary of the individual components of projected water sales and pumpage requirements is provided in Table IV-8.

1. Residential Sales

Residential sales were projected based on current trends and assumptions regarding future development and per acre water consumption. For the planning period, it is assumed that the residential consumption rate will remain approximately 500 gpad, resulting in total residential sales of about 229 MGY by 2045. Residential water sales are anticipated to account for approximately 63 percent of total water sales by 2045.

2. Commercial Sales

Future per acre consumption by commercial customers was projected to be approximately 325 gpad over the planning period. Total annual sales to commercial customers are expected to reach 43 MGY by 2040, or approximately 12 percent of total annual sales.

3. Industrial Sales to Existing Customers

Sales to existing industrial customers have generally increased since 2013 but have decreased somewhat in recent years. To project future industrial sales, it is assumed that the per acre sales to industrial customers will remain around 160 gpad and that sales to Medline Industries, the Village's largest water consumer, will remain constant. Given that the industrial land use area is projected to decrease from 209 acres to 135 acres, the overall water sales to industrial customers is estimated to drop to 35 MGY.

4. Public Sales

Future per acre sales to public customers were projected to be approximately 60 gpad throughout the planning period. By the year 2045, it is estimated that public sales will be approximately 10 MGY, or roughly 3 percent of total annual sales.

5. Multi-family Sales

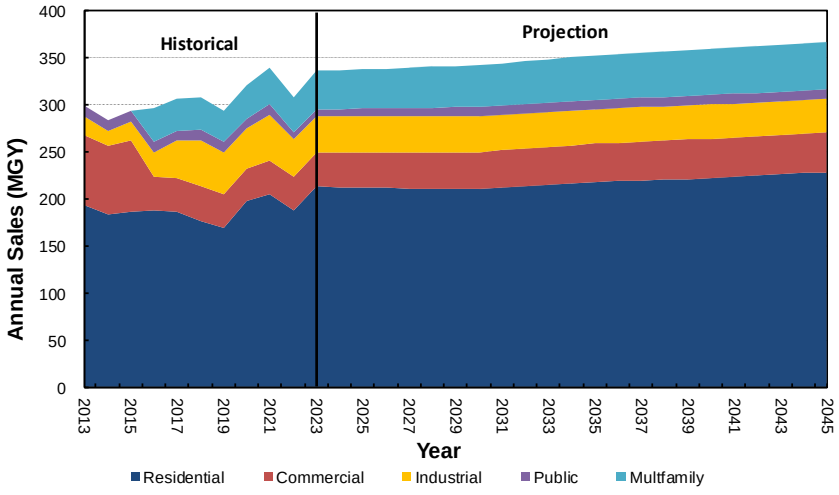
Future per acre sales to multi-family customers are projected to be approximately 550 gpad over the planning period. Total annual sales to multi-family customers are expected to reach 50 MGY by 2045, or approximately 14 percent of total annual sales.

Table IV-8: Water Sales and Pumpage Projections

Customer Classification	Actual 2023	Projected 2030	2035	2040	2045
Population (Total)	10,084	10,432	10,786	11,139	11,312
Per Acre Sales (gpad)					
Residential Sales	542	500	500	500	500
Commercial Sales	314	325	325	325	325
Industrial Sales	514	160	160	160	160
Medline Industries	*4,774*	*4,774*	*4,774*	*4,774*	*4,774*
Public Sales	41	60	60	60	60
Multi-Family Sales	550	550	550	550	550
Land Use Area (2019 Comp. Plan)					
Residential	1,077	1,151	1,194	1,218	1,252
Commercial	317	335	346	352	360
Industrial (not including Medline)	193	161	143	133	119
Medline Industries	*16*	*16*	*16*	*16*	*16*
Public	459	464	467	469	471
Multi-family	202	223	235	242	251
Annual Sales (MGY)					
Residential Sales	213.2	210.1	217.9	222.4	228.5
Commercial	36.3	39.8	41.0	41.7	42.7
Industrial Sales (not including Medline)	10.8	9.4	8.4	7.8	6.9
Medline Industries	*28.4*	*28.4*	*28.4*	*28.4*	*28.4*
Public Sales	6.9	10.2	10.2	10.3	10.3
Multi-family	40.6	44.7	47.1	48.5	50.4
Total Metered Sales	**336.1**	**342.5**	**353.0**	**359.0**	**367.2**
Total Pumpage (MGY)					
Non-revenue Water[1]	18.0	38.1	39.2	39.9	40.8
Total Pumpage	**354.2**	***380.6***	***392.2***	***398.9***	***408.0***

Note
1. Non-revenue water was projected at 10% of total pumpage for future years.

Annual Water Sales Projections



H. Largest Retail Customers

Table IV-9: Top 10 Largest Water Customers

2023 Rank	Major Customer Consumption			
	Customer Name	Billing Classification	2023 Water Purchased (MG)	Daily Water Use (GPD)
1	Medline Industries	Industrial	28.4	77,892
2	Wright, Thomas	Multi-Family	6.1	16,632
3	Entrata-Hopper	Multi-Family	4.3	11,833
4	Arrowhead High School	Public	4.3	11,770
5	Paradise Trails Condo Assoc	Multi-Family	2.6	7,229
6	Wisconsin Athletic Club	Commercial	2.3	6,429
7	Hartland Service	Commercial	2.3	6,346
8	Breezewood II	Multi-Family	2.0	5,364
9	Hartland Riverwalk	Multi-Family	1.7	4,653
10	Waukesha County Housing	Multi-Family	1.2	3,213

The ten largest individual water users within the Village are shown in Table IV-9. According to billing data, the largest water users throughout the Village include one industrial customer, one public customer, two commercial customers, and six multi-family residential customers.

Medline Industries is by a large margin the largest water customer. Medline is a manufacturer of medical products and accounts for nearly 10% of all water sales. The total industrial water usage in 2023 was 39 MG. Of that amount, 28 MG are attributed to Medline Industries.

Multi-family housing complexes account for six of the large water users in Table IV-9. Cumulatively, the six multi-family customers in Table IV-9 used about 18 MG in 2023.

The public and commercial customers in Table IV-9 include Arrowhead High School, the Wisconsin Athletic Club, and Hartland Service. Arrowhead High School facilities include pool, showers, cafeteria, and multiple playfields. The Wisconsin Athletic Club is a fitness center with an indoor pool and shower facilities. Hartland Service is an auto repair shop with a large car automatic car wash.

I. Summary of Total Demands and Pumpage Requirements

The total annual sales and pumpage projections previously summarized in Table IV-8 were based on a summation of water sales projections for each major customer classification. An allowance was also made for unmetered miscellaneous water usage and losses (non-revenue water) to arrive at total pumpage projections.

Table IV-10 summarizes projections of future water needs for average day, maximum day, and peak hour demands. Total annual pumpage is projected to increase from approximately 336 MGY (0.92 MGD) to approximately 370 MGY (1.01 MGD) by the year 2045. Table IV-10 also illustrates the projected water sales and pumpage through the planning period.

Table IV-10: Future Pumpage Projections

Description	Actual 2023	Projected			
		2030	2035	2040	2045
Total Annual Retail Sales (MGY)	336	345	355	361	370
Total Annual Pumpage (MGY)	354	383	395	401	411
Average Day Pumpage (MGD)	0.970	1.05	1.08	1.10	1.12
Design Maximum Day Pumpage (MGD)	2.40	2.60	2.68	2.72	2.78
Design Peak Hour Demand (gpm)	2,670	2,890	2,970	3,020	3,090

Notes

1. Design maximum day pumpage projections were estimated using a ratio of maximum to average day pumpage of 2.48.
2. Design peak hour demand projections were estimated using a ratio of peak hour demand to maximum day pumpage of 1.60.

V. SUPPLY AND STORAGE ANALYSIS

A critical step in the water system evaluation for the Village of Hartland Water Utility is an assessment of water supply and storage requirements. Water supply and storage needs are closely related. The primary criteria used in determining required supply rates and storage volumes include maximum day and peak hour demands, operational characteristics, and fire protection needs.

A. Water Supply Analysis

As it is frequently necessary to take a well and/or booster pump out of service for periods of days to even weeks for maintenance or repair, it is necessary to properly plan to ensure that demand requirements can be met even when a pumping unit may be out of service. It is then necessary to determine a reliable capacity that accounts for the uncertainty that all pumping units will be available. By excluding one pumping unit (for planning purposes, the largest capacity unit is typically used) the reliable capacity is then determined. Therefore, reliable capacity is defined as the total available delivery rate with the largest pumping unit out of service.

For evaluating a municipal water system, the reliable supply capacity should at least equal maximum day pumpage requirements, assuming adequate storage is available. If this criterion is met, supply facilities will have adequate capacity to replenish storage during off-peak hours, while depletion of available storage occurs during peak demand hours.

In this Water Supply Service Area Plan for the Village of Hartland, the reliable supply capacity is evaluated. The reliable capacity for the booster station is calculated but the water needs in the Windrush Boosted Pressure Zone are not analyzed in detail.

Reliable water supply capacity is the capacity of the existing supply sources (well facilities and service pumps) to reliably supply maximum day demands from the aquifer to the water system. Table V-1 summarizes the well pump, service pump, and booster pump capacities used for the reliable water supply capacity evaluation. The existing Village reliable supply capacity is calculated without the largest supply unit out of service. This is calculated for wells with Well No. 6 out of service, for Well No. 3 Service Pumps with Service Pump 3 out of service, and for the Windrush Booster Station with Booster Pump 4 out of service. The following sections discuss reliable water supply and system capacity in further detail for the existing water system.

Table V-1: Existing Reliable Supply Capacity

	Supply Capacity		Service Pump Capacity		Windrush Booster Pump	
SUPPLY SOURCE	**(gpm)**	**(MGD)**	**(gpm)**	**(MGD)**	**(gpm)**	**(MGD)**
Wells						
Well #2 - Well Pump	800	1.15				
Well #3 - Well Pump	950	1.37				
Well #4 - Well Pump	300	0.43				
Well #5 - Well Pump	1,200	1.73				
Well #6 - Well Pump[1]	1,500	2.16				
Well 3 Service Pumps						
Well #3 - Service Pump #1			500	0.72		
Well #3 - Service Pump #2			500	0.72		
Well #3 - Service Pump #3			1,000	1.44		
Windrush Booster Stations						
Booster Pump #1					100	0.14
Booster Pump #2					350	0.50
Booster Pump #3					350	0.50
Booster Pump #4					700	1.01
Micro-Station (Backup)					200	0.29
Total Pumping Supply Capacity	4,750	6.84	2,000	2.88	1,700	2.45
Less: Largest Supply Unit	1,500	2.16	1,000	1.44	700	1.01
Reliable Supply[2]	**3,250**	**4.68**	**1,000**	**1.44**	**1,000**	**1.44**

Notes

1. Well #6 has a design capacity of 2,000 gpm, but the well pump is rated for 1,500 gpm.
2. Reliable Supply Capacity is the total supply capacity assuming that the largest supply unit is out of service.

1. Existing Reliable Supply Capacity

Based on the reliable water supply capacities of the existing wells (summarized in Table V-2), reliable supply capacity evaluations were performed on the existing water system. As mentioned in Chapter II, supply sources are located only in the Main Pressure Zone. The Windrush Boosted Pressure Zone relies upon booster pumping capacity to transfer water from the Main Pressure Zone. The Main Pressure Zone must therefore have adequate reliable water supply capacity to meet the needs of not only the Main Pressure Zone, but also the Windrush Boosted Pressure Zone as well.

The reliable supply capacity evaluation for the current design maximum day is summarized in Table V-2. The table summarizes the maximum day demand requirement and the available reliable water supply capacity for the entire system. As shown in Table V-2, the total reliable supply capacity from the existing wells and service pumps is currently adequate to meet maximum day demands.

2. Existing Reliable System Capacity

As stated above, to meet the demand requirements of the Windrush Boosted Pressure Zone, it is necessary to transfer water from the Main Pressure Zone. To ensure that there is adequate capacity to transfer water between pressure zones, a system capacity analysis was conducted that looks at meeting the needs of each individual pressure zone.

a. Main Pressure Zone

As mentioned above, with all the supply sources being located in the Main Pressure Zone there is currently adequate reliable supply capacity to meet the needs of the Main pressures zone and Windrush pressure zone.

Table V-2: Existing Recommended Reliable Supply Capacity

SUPPLY REQUIREMENTS	**Water System 2023**	
	gpm	**MGD**
Average Day Demand	674	0.97
Maximum to Average Day Ratio[1]	2.48	
Maximum Day Demand	1,672	2.41
Peak Hour Demand[2]	2,674	3.85
Present Reliable Supply Capacity (gpm)	3,250	4.68
Reliable Supply Capacity Excess or (Deficiency)	**1,578**	**2.27**

Notes
1. See Table IV-10
2. Assuming an hourly peaking factor of 1.6

b. Boosted Pressure Zone

The Windrush Boosted Pressure Zone has no supply sources and relies upon the transfer of water from the Main Pressure Zone via booster pumps located at the Windrush Booster Pump Station. The existing reliable booster pumping capacity is summarized in Table V-1. The total amount of recommended reliable pumping capacity is determined in the same way as the reliable supply capacity described above.

The recommended reliable booster pumping capacity for the Windrush Boosted Pressure Zone is based on the number of homes in the service area and the requirements established in NR 811.29 when no storage is provided. The pumping equipment was sized to provide the peak hour flow. The booster station was designed to provide enough capacity for the entire pressure zone at full build-out condition which is about 324 residential units with a peak flow of 590 gpm.

B. Water Storage Analysis

1. Water Storage Needs

In addition to providing water for fire protection, system storage is used as a “cushion” to equalize fluctuations in customer demands, establish and maintain water system pressures, provide operational flexibility for water supply facilities, and improve water supply reliability. The primary criteria used in this study for evaluating storage volume needs include average and peak hour demands, water supply capacities, and fire protection needs.

In general, storage facilities should be adequately sized to provide sufficient quantities of water for fire protection on days of maximum customer demands. Although storage requirements for fire protection are not anticipated to change over the planning period of this study, peak hour demands and reliable supply capacities will change as the community grows and improvements are implemented.

Figure V-1 illustrates general components of system storage. As customer demands exceed supply capacities during peak hour conditions, the excess demands must be met by depleting available storage. The amount of storage depleted is referred to as equalizing storage for peak hour requirements.

Storage should also be available for fire protection purposes. To ensure a reliable supply for fire protection, this portion of storage should be reserved for emergency use only and should not be utilized to meet peak hour or operational requirements. Based upon the existing and anticipated future land uses within each pressure zone it is assumed that the maximum fire flow requirement for the Village Main Pressure Zone is 3,500 gpm for a duration of 3 hours, or the equivalent of 630,000 gallons.

In most instances, it is desirable to provide additional storage for the purposes of operational needs. Operational storage allows for the control of pumps prior to the depletion of needed peak hour equalizing storage. Operational storage may be needed as a safety factor in emergencies or where customer demands are unpredictable and fluctuate widely. Operational storage may also be desired to take advantage of off-peak electrical rates for pumping. An additional storage volume of 30% of the equalizing storage volume is included for an operational cushion.

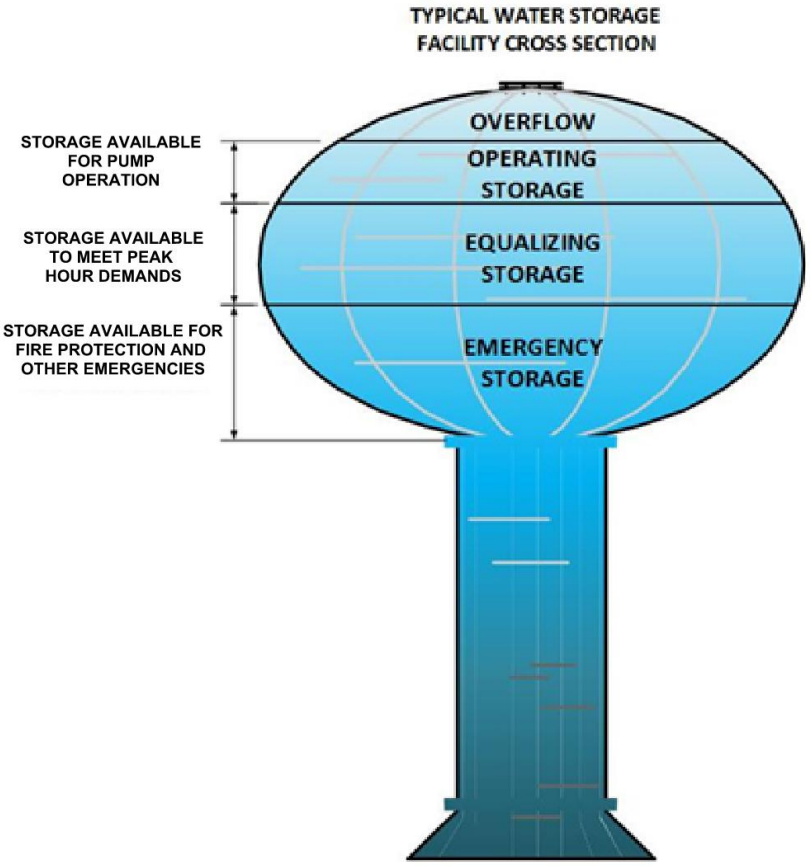


Figure V-1: Storage Components

2. Effective Storage Volumes

The effective storage volume of a water storage facility is the amount of available water that can be utilized while meeting regulatory requirements for system pressure. The Wisconsin Department of Natural Resources (WDNR) requires that water system pressures under normal operating conditions are above 35 psi and under emergency conditions, such as during a fire, system pressures must be maintained at a minimum pressure of 20 psi. To meet these requirements the water surface in the storage facility must be approximately 81 feet above the highest elevation area in the service area to maintain 35 psi and at least 46 feet to maintain 20 psi. These water column heights are based upon static conditions (assuming no head losses due to friction) so actual water column heights would be higher as friction losses are included.

Based upon this evaluation, the effective volume of each existing storage facility is summarized in Table V-3. As can be seen in the table, all of the Village's 800,000 gallons of total storage is effective for fire protection. However, only about 666,000 gallons is effective for meeting peak hour equalizing requirements.

3. Recommended Existing Water Storage Volumes

The following relationships between supply capacities and storage volumes are the primary criteria used to determine optimum storage volumes:

1. Reliable supply capacity should at least equal projected maximum day supply requirements.

2. Total available storage should be capable of meeting demands in excess of the maximum day demand as well as fire protection needs, assuming reliable supply capacity is adequate to meet maximum day requirements.

3. Based upon the above criteria, Table V-4 summarizes the existing supply and storage requirements for the Village of Hartland Water Utility based on 18 hours of continuous pumping per day. The Wisconsin Public Service Commission (PSC) uses 18 hours per day of pumping to estimate excess reliable capacity in wells under maximum day conditions. This helps to maximize pump reliability and to ensure proper well recharge. The table includes calculations for the water system as a whole. Since the supply and storage for the Windrush Booster Zone is supplied by the Main pressure zone, a global review of available supply and storage capacity provides an adequate evaluation of available and recommended supply and storage capacities.

The existing optimum water storage requirement for the Village is 1.020 MG (million gallons). The existing storage facilities provide 0.800 MG of available storage. However, due to excess pumping capacity, the recommended storage volume can be reduced because the excess pumping capacity can be used to reduce the equalizing storage needed. When this is done, the recommended total storage capacity can be reduced by 0.223 MG to 0.797 MG. The Village's combined storage capacity of 0.800 MG in elevated storage is sufficient for existing demands.

Table V-3: Effective Storage Volumes

	Hill Street Elevated Storage Tank	Hartridge Elevated Storage Tank	Bristlecone Elevated Storage Tank
Pressure Zone	Main	Main	Main
Design Volume (gallons)	250,000	250,000	300,000
Diameter (feet)	Varies	Varies	Varies
Head Range (feet)	31.25	31.25	32.50
Storage Volume per foot (gallons)	Varies	Varies	Varies
Overflow elevation (feet USGS)	1,119	1,119	1,119
Approximate Highest Elevation Served in Pressure Zone (feet USGS)	1,034	1,034	1,034
Approximate Hydraulic Grade Elevation needed to provide minimum 35 psi to all areas	1,115	1,115	1,115
Maximum Effective Peak Hour Storage Volume (gallons) [1]	*222,500*	*222,500*	*221,000*
Approximate Hydraulic Grade Elevation needed to provide minimum 20 psi to all areas	1,080	1,080	1,080
Additional Effective Fire Protection and Emergency Storage Volume (gallons) [2]	*27,500*	*27,500*	*79,000*
Total Effective Storage Volume (gallons)	**250,000**	**250,000**	**300,000**

Notes

1. Effective peak hour storage is considered the volume available which will continue to maintain adequate pressures in the distribution system at a minimum of 35 psi (under static conditions). Volumes derived from storage tank gauging tables.
2. Effective fire protection and emergency storage is considered the volume available which will continue to maintain pressures in the distribution system at a minimum of 20 psi (under static conditions). Volumes derived from storage tank gauging tables.

Table V-4: Existing Supply and Storage Requirements

SUPPLY RECOMMENDATIONS	**Water System 2023**	
	gpm	**MGD**
Average Day Demand	674	0.97
Maximum Day Demand	1,672	2.41
Peak Hour Demand	2,674	3.85
Total Reliable Supply Capacity	3,250	4.68
Recommended Supply Based on 18 hours/day of Pumping		
Design Pumping hours per day	18 hours/day	
Design Reliable Supply Capacity (MGD)[1]	3.51 MGD	
Reliable Supply Capacity Excess or (Deficiency)	**766**	**1.10**

STORAGE RECOMMENDATIONS	**Water System 2023**
Peak Hour Equalizing Need (gallons) [2]	237,000
Optimum Fire Protection Needs (gallons) [3]	630,000
Reserve Storage (gallons; 15% of Total) [4]	153,000
Total Optimum Recommended Storage (gallons)	**1,020,000**
Available Effective Storage Capacity (gallons):	
Hill Street Elevated Storage Tank	250,000
Hartridge Elevated Storage Tank	250,000
Bristlecone Elevated Storage Tank	300,000
Total Effective Storage Capacity (gallons)[5]	**800,000**
Subtotal Additional Capacity Recommended (gallons)	**220,000**
Less: Excess Available Reliable System Supply Capacity for Peak Hour (gallons)[6]	223,000
Total Additional Capacity Recommended (gallons)	**None**

Notes

1. Reliable Supply Capacity is with largest source out of service. Based on 18 hours of pumping per day.
2. Peak hour storage is storage utilized to meet demands which exceed the maximum day demand rate assuming the reliable supply capacity is equal to the maximum day demand rate.
3. Optimum fire protection based on 3,500 gpm for 180 minutes.
4. Reserve storage is storage utilized to provide a start/stop range for pump operation and an emergency reserve storage supply.
5. Total Effective Storage Capacity is limited to a total of the Optimum Fire Protection Needs plus peak hour available storage to maintain regulatory system pressures.
6. The reliable supply capacity exceeds peak hour demand. Therefore, no peak hour equalizing storage is required.

C. Supply and Storage Results

The following sections evaluate the supply and storage requirements for each pressure zone. Table V-5 summarizes the projected optimum supply and storage needs for the water system.

1. Main Pressure Zone

Currently all the wells are located within the Main Pressure Zone. The supply system is adequate to meet the existing design maximum day demand. The total volume of storage provided is adequate for the aggregate of peak hour equalizing, fire protection, and reserve storage for existing conditions.

The existing reliable supply capacity is sufficient to meet the Village's projected water usage throughout the planning period of this study which is the year 2045. Assuming 18 hours of pumping per day as shown in Table V-5 , the Village's existing reliable supply capacity of 3.51 MGD is about 0.72 MGD greater than the projected maximum day pumpage in 2045.

When only accounting for elevated storage, the Village's storage capacity is projected to be about 29,000 gallons deficient by the end of the planning period in 2045. However, this does not include ground storage capacity at Well 3 which has a total capacity of 0.45 MG. The service pumps at Well 3 have a reliable capacity that is about 50 gpm greater than the well capacity. Over the course of 18 hours, this excess pumping rate can supply an additional 54,000 gallons. This excess pumping volume is used in Table V-5 to satisfy storage needs. When accounting for this excess pumping volume from the Well 3 reservoir, the Village's existing storage facilities are sufficient for the projected demands through the planning period of this study.

If the water demands throughout the planning period exceed the water demands projected, the supply and storage recommendations may need to be revisited and updated as necessary. If additional storage is required, the Village may be able to satisfy additional storage requirements by increasing the service pump capacity at Well 3 to further utilize the existing 0.45-MG ground storage reservoir. Using this approach may eliminate the need to provide additional elevated storage volume.

2. Windrush Boosted Pressure Zone

With a total reliable pumping capacity of 1,000 gpm, the Windrush Boosted Pressure Zone has adequate reliable pumping capacity to meet the existing and projected requirements of the existing boosted pressure zone through the planning period.

The reliable capacity of the booster pump station is designed to accommodate peak demands with no storage in the boosted pressure zone. Storage for the Windrush Boosted Pressure Zone is provided by the Main Pressure Zone.

D. Summary

This section summarizes the findings from the supply and storage evaluation of the Village of Hartland Water Utility water system. Major findings from this evaluation include the following:

1. The existing reliable supply capacity is adequate to meet current and projected water demands until the end of the planning period of 2045.

2. When accounting for excess service pump capacity from Well 3 reservoir , the existing storage capacity is sufficient for the project water demands until the end of the planning period.

Table V-5: 2045 Supply and Storage Requirements (24 Hours of Pumping per Day)

SUPPLY RECOMMENDATIONS	Projected 2030		Projected 2035		Projected 2040		Projected 2045	
	gpm	MGD	gpm	MGD	gpm	MGD	gpm	MGD
Average Day Demand	724	1.04	746	1.07	759	1.09	776	1.12
Maximum Day Demand	1,796	2.59	1,850	2.66	1,882	2.71	1,925	2.77
Peak Hour Demand	2,873	4.14	2,961	4.26	3,011	4.34	3,080	4.44
Present Total Reliable Supply Capacity	3,250	4.68	3,250	4.68	3,250	4.68	3,250	4.68
Recommended Supply Based on 18 hours/day of Pumping								
Design Pumping hours per day	18 hours/day		18 hours/day		18 hours/day		18 hours/day	
Design Reliable Supply Capacity (MGD)[1]	3.51 MGD		3.51 MGD		3.51 MGD		3.51 MGD	
Reliable Supply Capacity Excess or (Deficiency) (gpm)	**642**	**0.92**	**587**	**0.85**	**555**	**0.80**	**512**	**0.74**

STORAGE RECOMMENDATIONS	Projected 2035	Projected 2035	Projected 2035	Projected 2045
Peak Hour Equalizing Need (gallons) [2]	255,000	262,000	267,000	273,000
Optimum Fire Protection Needs (gallons) [3]	630,000	630,000	630,000	630,000
Reserve Storage (gallons; 15% of Total) [4]	157,000	158,000	159,000	160,000
Total Optimum Recommended Storage (gallons)	**1,042,000**	**1,050,000**	**1,056,000**	**1,063,000**
Available Effective Storage Capacity (gallons):				
Hill Street Elevated Storage Tank	250,000	250,000	250,000	250,000
Hartridge Elevated Storage Tank	250,000	250,000	250,000	250,000
Bristlecone Elevated Storage Tank	300,000	300,000	300,000	300,000
Total Effective Storage Capacity (gallons)[5]	**800,000**	**800,000**	**800,000**	**800,000**
Subtotal Additional Capacity Recommended (gallons)	**242,000**	**250,000**	**256,000**	**263,000**
Less: Excess Available Reliable System Supply Capacity for Peak Hour (gallons)[6]	229,000	231,000	233,000	234,000
Less: Repump Volume Capaciity at Well 3 (gallons)[7]	54,000	54,000	54,000	54,000
Total Additional Capacity Recommended (gallons)	**None**	**None**	**None**	**None**

Notes

1. Recommended reliable Supply Capacity based on 18 hours of pumping per day.
2. Peak hour storage is storage utilized to meet demands which exceed the maximum day demand rate assuming the reliable supply capacity is equal to the maximum day demand rate.
3. Optimum fire protection based on 3,500 gpm for 180 minutes.
4. Reserve storage is storage utilized to provide a start/stop range for pump operation and an emergency reserve storage supply.
5. Total Effective Storage Capacity is limited to a total of the Optimum Fire Protection Needs plus peak hour available storage to maintain regulatory system pressures.
6. Supply Capacity Credit cannot exceed Peak Hour Equalization and is calculated utilizing the time of day demand curve and current supply capacity.

VI. CONCLUSION AND RECOMMENDATIONS

A. Key Findings and Recommendations

1. Population Projections:

The WDOA projections predict a population increase from 10,084 in 2023 to 11,312 by 2045 which is the end of the planning period of this study. Most of the development throughout the Village is anticipated to be commercial but will also include well as single- and multi-family residential development.

2. Water Quality: PFAS

The Village's wells do not currently have any outstanding water quality issues that need immediate correction. However, samples from Well 6 have consistently resulted in PFAS concentrations above the current health advisory levels and above future MCLs. The Village will need to notify water customers of the PFAS concentrations. Additionally, the Village will likely need to provide treatment to remove PFAS from Well 6 in the future. The DNR is planning to adopt more stringent MCLs for PFAS by the year 2026 and the EPA will require solutions to be implemented by the year 2029.

There are several treatment options that are commonly used to remove PFAS from drinking water, the three most common and effective of which are listed below:

- Activated Carbon (very common)
- Anion Exchange (very common)
- Reverse Osmosis (less common)

Unless PFAS concentrations in Well 6 reduce over time, the Village will need to implement treatment by 2029 or stop usage of the well. The PFAS concentrations are low and only slightly exceed the proposed MCLs, therefore, treatment will likely be a feasible option. Studies and pilot testing will be required to select a treatment method.

Other wells have tested positive for PFAS chemicals as well, but at concentrations lower than the proposed MCLs. It is unlikely that treatment will be needed at the other well, but the Village will need to continue monitoring to verify that the PFAS levels are stable and not increasing over time.

3. Water Demands

The existing average day and maximum day water demands from 2023 pumpage are 0.97 MGD and 2.40 MGD, respectively. The total average and maximum day water demands are projected to increase to 1.12 MGD and 2.77 MGD by 2045. These projections are based on the per acre sales of water by customer type.

Medline Industries, the Village's largest water consumer, is assumed in this study to have constant usage into the future. If this customer's water usage increases significantly, the water projections may need to be revised.

4. Supply

The Village has 5 wells with a total reliable supply capacity of 3,250 gpm or 4.68 MGD. When planning for 18 hours of pumping per day for each source, the total daily reliable capacity is about 3.51 MGD, which is sufficient to meet projected demands through the year 2045.

The Village has previously constructed a test boring that has the potential to be further developed into a production well. If any of the Village's existing wells are abandoned or decommissioned, then more supply capacity will need to be added to the system and the findings in this study will need to be updated.

5. Storage

The Village currently has 0.8 MG of elevated water storage and 0.45 MG of ground storage, which is sufficient for projected demands to the year 2045. However, the storage capacity is only sufficient because there is excess pumping capacity from the Well 3 reservoir. If the water demands exceed the projections in this report as development progresses throughout the planning period, the service pumping capacity at Well 3 may need to be increased to allow for more utilization of the 0.45-MG ground storage reservoir.

B. Consistency With Other Plans and Agreements

This Water Supply Service Area Plan is consistent with the Village's 2019 Comprehensive Plan. However, this study uses population projections from the WDOA which predicts more population growth than is predicted in the comprehensive plan.

C. Plan Implementation

This plan will be reviewed by the public via a public hearing, providing an opportunity for the public to give written comments.

APPENDIX A: WELL 3 VOC SAMPLING

(https://dnr.wisconsin.gov)

)24

HARTLAND WATERWORKS (26802050)

Drinking Water System Portal (/dwsportalpub/)

Sample Group	Volatile Organics	**Sample ID**	WC02708-04
Source ID	3	**Well #**	BH398
Sample Date	5/9/2024	**Sample Time**	1015
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	5/22/2024
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2990	BENZENE	0	UG/L	Non-detect	5	UG/L	1
2943	BROMODICHLOROMETHANE	0.82	UG/L		80	UG/L	2
2942	BROMOFORM	1.6	UG/L		80	UG/L	3
2982	CARBON TETRACHLORIDE	0	UG/L	Non-detect	5	UG/L	4
2944	DIBROMOCHLOROMETHANE	1.8	UG/L		80	UG/L	5
2968	O-DICHLOROBENZENE	0	UG/L	Non-detect	600	UG/L	6
2969	P-DICHLOROBENZENE	0	UG/L	Non-detect	75	UG/L	7
2980	1,2-DICHLOROETHANE	0	UG/L	Non-detect	5	UG/L	8
2977	1,1-DICHLOROETHYLENE	0	UG/L	Non-detect	7	UG/L	9
2380	CIS-1,2-DICHLOROETHYLENE	0	UG/L	Non-detect	70	UG/L	10
2979	TRANS-1,2-DICHLOROETHYLENE	0	UG/L	Non-detect	100	UG/L	11
2964	DICHLOROMETHANE	0	UG/L	Non-detect	5	UG/L	12
2983	1,2-DICHLOROPROPANE	0	UG/L	Non-detect	5	UG/L	13
2992	ETHYLBENZENE	0	UG/L	Non-detect	700	UG/L	14
2989	MONOCHLOROBENZENE (CHLOROBE..)	0	UG/L	Non-detect	100	UG/L	15
2996	STYRENE	0	UG/L	Non-detect	100	UG/L	16
2987	TETRACHLOROETHYLENE	0	UG/L	Non-detect	5	UG/L	17
2991	TOLUENE	0	UG/L	Non-detect	1000	UG/L	18
2378	1,2,4-TRICHLOROBENZENE	0	UG/L	Non-detect	70	UG/L	19
2981	1,1,1-TRICHLOROETHANE	0	UG/L	Non-detect	200	UG/L	20
2985	1,1,2-TRICHLOROETHANE	0	UG/L	Non-detect	5	UG/L	21
2984	TRICHLOROETHYLENE	0	UG/L	Non-detect	5	UG/L	22
2976	VINYL CHLORIDE	0	UG/L	Non-detect	0.2	UG/L	23
2955	XYLENES, TOTAL	0	UG/L	Non-detect	10000	UG/L	24

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APPENDIX B: 2025 PFAS SAMPLING

(https://dnr.wisconsin.gov)

rm) Sample 2/25/2025 HARTLAND WATERWORKS (26802050)

Drinking Water System Portal (/dwsportalpub/)

Sample Group	Per/Poly-Fluoroalkyls (PFAS Form)	**Sample ID**	WD01149-02
Source ID	2	**Well #**	BH397
Sample Date	2/25/2025	**Sample Time**	900
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	3/5/2025
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2813	11CL-PF3OUDS	0	NG/L	Non-detect		NG/L	1
2814	9CL-PF3ONS	0	NG/L	Non-detect		NG/L	2
2815	ADONA	0	NG/L	Non-detect		NG/L	3
2816	HFPO-DA	0	NG/L	Non-detect		NG/L	4
2817	NETFOSAA	0	NG/L	Non-detect		NG/L	5
2818	NMEFOSAA	0	NG/L	Non-detect		NG/L	6
2801	PFBS	5.5	NG/L			NG/L	7
2807	PFDA	0	NG/L	Non-detect		NG/L	8
2808	PFDOA	0	NG/L	Non-detect		NG/L	9
2802	PFHPA	0.54	NG/L	Between LOD and LOQ		NG/L	10
2809	PFHXA	1.7	NG/L	Between LOD and LOQ		NG/L	11
2803	PFHXS	0.81	NG/L	Between LOD and LOQ		NG/L	12
2804	PFNA	0	NG/L	Non-detect		NG/L	13
2806	PFOA	0	NG/L	Non-detect		NG/L	14
2805	PFOS	0.68	NG/L	Between LOD and LOQ		NG/L	15
2830	PFOA AND PFOS TOTAL	0.68	NG/L		70	NG/L	16
2810	PFTA	0	NG/L	Non-detect		NG/L	17
2811	PFTrDA	0	NG/L	Non-detect		NG/L	18
2812	PFUNA	0	NG/L	Non-detect		NG/L	19

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(https://dnr.wisconsin.gov)

rm) Sample 2/25/2025 HARTLAND WATERWORKS (26802050)

Drinking Water System Portal (/dwsportalpub/)

Sample Group	Per/Poly-Fluoroalkyls (PFAS Form)	**Sample ID**	WD01149-06
Source ID	3	**Well #**	BH398
Sample Date	2/25/2025	**Sample Time**	1100
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	3/5/2025
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2813	11CL-PF3OUDS	0	NG/L	Non-detect		NG/L	1
2814	9CL-PF3ONS	0	NG/L	Non-detect		NG/L	2
2815	ADONA	0	NG/L	Non-detect		NG/L	3
2816	HFPO-DA	0	NG/L	Non-detect		NG/L	4
2817	NETFOSAA	0	NG/L	Non-detect		NG/L	5
2818	NMEFOSAA	0	NG/L	Non-detect		NG/L	6
2801	PFBS	7	NG/L			NG/L	7
2807	PFDA	0	NG/L	Non-detect		NG/L	8
2808	PFDOA	0	NG/L	Non-detect		NG/L	9
2802	PFHPA	1	NG/L	Between LOD and LOQ		NG/L	10
2809	PFHXA	2.7	NG/L			NG/L	11
2803	PFHXS	2.3	NG/L			NG/L	12
2804	PFNA	0	NG/L	Non-detect		NG/L	13
2806	PFOA	1.7	NG/L			NG/L	14
2805	PFOS	2.5	NG/L			NG/L	15
2830	PFOA AND PFOS TOTAL	4.2	NG/L		70	NG/L	16
2810	PFTA	0	NG/L	Non-detect		NG/L	17
2811	PFTrDA	0	NG/L	Non-detect		NG/L	18
2812	PFUNA	0	NG/L	Non-detect		NG/L	19

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rm) Sample 2/25/2025

HARTLAND WATERWORKS (26802050)

Drinking Water System Portal (/dwsportalpub/)

Sample Group	Per/Poly-Fluoroalkyls (PFAS Form)	**Sample ID**	WD01149-10
Source ID	4	**Well #**	BH399
Sample Date	2/25/2025	**Sample Time**	930
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	3/5/2025
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2813	11CL-PF3OUDS	0	NG/L	Non-detect		NG/L	1
2814	9CL-PF3ONS	0	NG/L	Non-detect		NG/L	2
2815	ADONA	0	NG/L	Non-detect		NG/L	3
2816	HFPO-DA	0	NG/L	Non-detect		NG/L	4
2817	NETFOSAA	0	NG/L	Non-detect		NG/L	5
2818	NMEFOSAA	0	NG/L	Non-detect		NG/L	6
2801	PFBS	4.7	NG/L			NG/L	7
2807	PFDA	0	NG/L	Non-detect		NG/L	8
2808	PFDOA	0	NG/L	Non-detect		NG/L	9
2802	PFHPA	1.1	NG/L	Between LOD and LOQ		NG/L	10
2809	PFHXA	2.6	NG/L			NG/L	11
2803	PFHXS	3.1	NG/L			NG/L	12
2804	PFNA	0	NG/L	Non-detect		NG/L	13
2806	PFOA	1.5	NG/L			NG/L	14
2805	PFOS	1.1	NG/L	Between LOD and LOQ		NG/L	15
2830	PFOA AND PFOS TOTAL	2.6	NG/L		70	NG/L	16
2810	PFTA	0	NG/L	Non-detect		NG/L	17
2811	PFTrDA	0	NG/L	Non-detect		NG/L	18
2812	PFUNA	0	NG/L	Non-detect		NG/L	19

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rm) Sample 2/25/2025 HARTLAND WATERWORKS (26802050)

Drinking Water System Portal (/dwsportalpub/)

Sample Group	Per/Poly-Fluoroalkyls (PFAS Form)	**Sample ID**	WD01149-13
Source ID	5	**Well #**	BH400
Sample Date	2/25/2025	**Sample Time**	1000
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	3/5/2025
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2813	11CL-PF3OUDS	0	NG/L	Non-detect		NG/L	1
2814	9CL-PF3ONS	0	NG/L	Non-detect		NG/L	2
2815	ADONA	0	NG/L	Non-detect		NG/L	3
2816	HFPO-DA	0	NG/L	Non-detect		NG/L	4
2817	NETFOSAA	0	NG/L	Non-detect		NG/L	5
2818	NMEFOSAA	0	NG/L	Non-detect		NG/L	6
2801	PFBS	2.9	NG/L			NG/L	7
2807	PFDA	0	NG/L	Non-detect		NG/L	8
2808	PFDOA	0	NG/L	Non-detect		NG/L	9
2802	PFHPA	0.56	NG/L	Between LOD and LOQ		NG/L	10
2809	PFHXA	1.1	NG/L	Between LOD and LOQ		NG/L	11
2803	PFHXS	0.72	NG/L	Between LOD and LOQ		NG/L	12
2804	PFNA	0	NG/L	Non-detect		NG/L	13
2806	PFOA	0.79	NG/L	Between LOD and LOQ		NG/L	14
2805	PFOS	0.57	NG/L	Between LOD and LOQ		NG/L	15
2830	PFOA AND PFOS TOTAL	1.36	NG/L		70	NG/L	16
2810	PFTA	0	NG/L	Non-detect		NG/L	17
2811	PFTrDA	0	NG/L	Non-detect		NG/L	18
2812	PFUNA	0	NG/L	Non-detect		NG/L	19

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rm) Sample 2/25/2025 HARTLAND WATERWORKS (26802050)

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Sample Group	Per/Poly-Fluoroalkyls (PFAS Form)	**Sample ID**	WD01149-16
Source ID	6	**Well #**	RG658
Sample Date	2/25/2025	**Sample Time**	1300
Site ID		**Sample Description**	
Sample Type	Compliance	**Reported Date**	3/5/2025
Sample Source	Entry Point	**# Taken**	1
Sample Collector	J SCHLAFER		
Lab ID	721026460	**Lab Name**	Northern Lake Service Inc. (Crandon)
Reason for No Results		**Lab Comment**	

Sampling Results

Show All entries Filter:

Storet Code	Description	Result	Units	Qualifier	MCL	MCL Units	Labslip Order
2813	11CL-PF3OUDS	0	NG/L	Non-detect		NG/L	1
2814	9CL-PF3ONS	0	NG/L	Non-detect		NG/L	2
2815	ADONA	0	NG/L	Non-detect		NG/L	3
2816	HFPO-DA	0	NG/L	Non-detect		NG/L	4
2817	NETFOSAA	0	NG/L	Non-detect		NG/L	5
2818	NMEFOSAA	0	NG/L	Non-detect		NG/L	6
2801	PFBS	2.8	NG/L			NG/L	7
2807	PFDA	0	NG/L	Non-detect		NG/L	8
2808	PFDOA	0	NG/L	Non-detect		NG/L	9
2802	PFHPA	1.7	NG/L	Between LOD and LOQ		NG/L	10
2809	PFHXA	3.5	NG/L			NG/L	11
2803	PFHXS	2.3	NG/L			NG/L	12
2804	PFNA	0	NG/L	Non-detect		NG/L	13
2806	PFOA	3.5	NG/L			NG/L	14
2805	PFOS	4.1	NG/L			NG/L	15
2830	PFOA AND PFOS TOTAL	7.6	NG/L		70	NG/L	16
2810	PFTA	0	NG/L	Non-detect		NG/L	17
2811	PFTrDA	0	NG/L	Non-detect		NG/L	18
2812	PFUNA	0	NG/L	Non-detect		NG/L	19

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APPENDIX C: WELL 6 PFAS HAZARD INDEX CALCULATION

Village of Hartland, Well 6 PFAS Hazard Index

PFAS Name	Short Name	DHS Hazard Index Standard, ng/L[1]	Sample: 2/25/2025		Sample: 6/5/2024		Sample: 5/15/2023	
			Measured, ng/L[2]	Index	Measured, ng/L[2]	Index	Measured, ng/L[2]	Index
N-ethyl perfluorooctane sulfonamido ethanol[3]	NeTFOSE	4		-		-		-
N-ethyl perfluorooctanesulfonamidoacetic acid[3]	NEtFOSAA	4	0	-	0	-	0	-
N-Ethylperfluorooctanesulfonamide[3]	NEtFOSA	4		-		-		-
Perfluorooctane sulfonamide[3]	FOSA or PFOSA	4		-		-		-
perfluorooctanesulfonic acid[3]	PFOS	4	4.1	-	2.3	-	4.5	-
perfluorooctanoic acid[3]	PFOA	4	3.5	-	1.9	-	4.1	-
perfluorononanoic acid	PFNA	10	0	0.00	0	0.00	0	0.00
perfluorohexanesulfonic acid	PFHxS	10	2.3	0.23	2.2	0.22	3.6	0.36
hexafluoropropylene oxide dimer acid	HFPO DA or GenX	10	0	0.00	0	0.00	0	0.00
perfluorodecanoic acid	PFDA	300	0	0.00	0	0.00	0	0.00
perfluorododecanoic acid	PFDoA	500	0	0.00	0	0.00	0	0.00
4,8-dioxa-3H-perfluorononanoic acid	ADONA or DONA	3,000	0	0.00	0	0.00	0	0.00
perfluoroundecanoic acid	PFUnA	3,000	0	0.00	0	0.00	0	0.00
Perfluorobutanoic Acid	PFBA	10,000		0.00		0.00		0.00
perfluorotetradecanoic acid	PFTA or PFTeA	10,000	0	0.00	0	0.00	0	0.00
perfluorohexanoic acid	PFHxA	150,000	3.5	0.00	1.9	0.00	3.9	0.00
Perfluorooctadecanoic acid	PFODA	400,000		0.00		0.00		0.00
perfluorobutanesulfonic acid	PFBS	2,000	2.8	0.00	4.3	0.00	3.8	0.00
Resulting PFAS Hazard Index[4]:			**0.23**		**0.22**		**0.36**	

1. Advisory levels as of February 2025. " - " Indicates that no health advisory level is given for a particular compound.
2. Blank cells indicate not tested. Measured concentration of 0 indicates not detected.
3. Compounds not included in hazard index calculation.
4. Standard Hazard Index for Wisconsin Department Health Services (WI DHS) is 1.

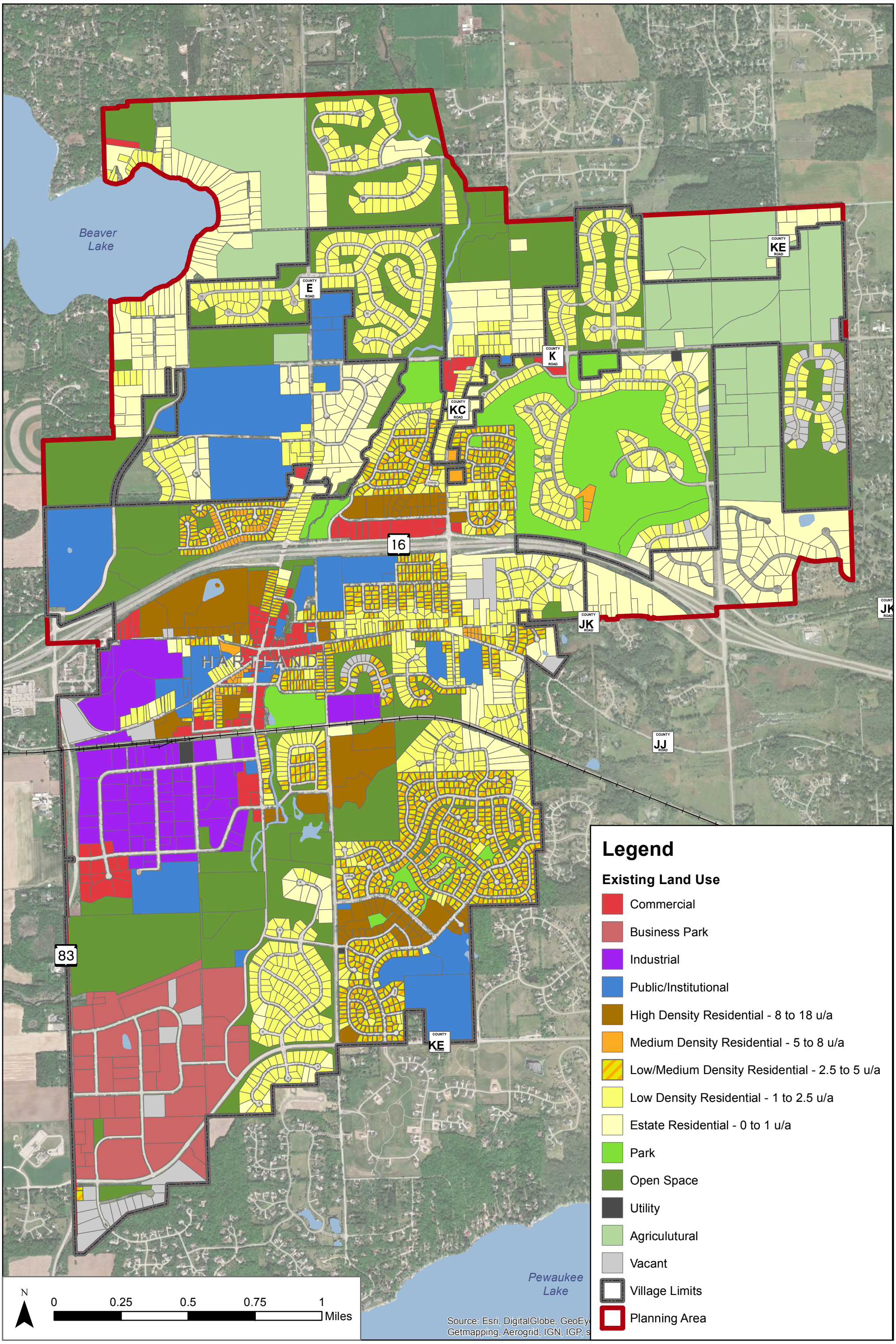
DHS' 2025 PFAS Hazard Index Equation

$$\text{Hazard Index} = HQ_{HFPO-DA} + HQ_{PFBS} + HQ_{PFHxS} + HQ_{PFNA} + HQ_{DONA} + HQ_{PFBA} + HQ_{PFDA} + HQ_{PFDoA} + HQ_{PFHxA} + HQ_{PFODA} + HQ_{PFTeA} + HQ_{PFUnA}$$

Where:

$$HQ = \frac{PFAS_x \text{ Concentration}}{PFAS_x \text{ Health Guideline}}$$

APPENDIX D: LAND USE FROM 2019 COMPREHENSIVE PLAN

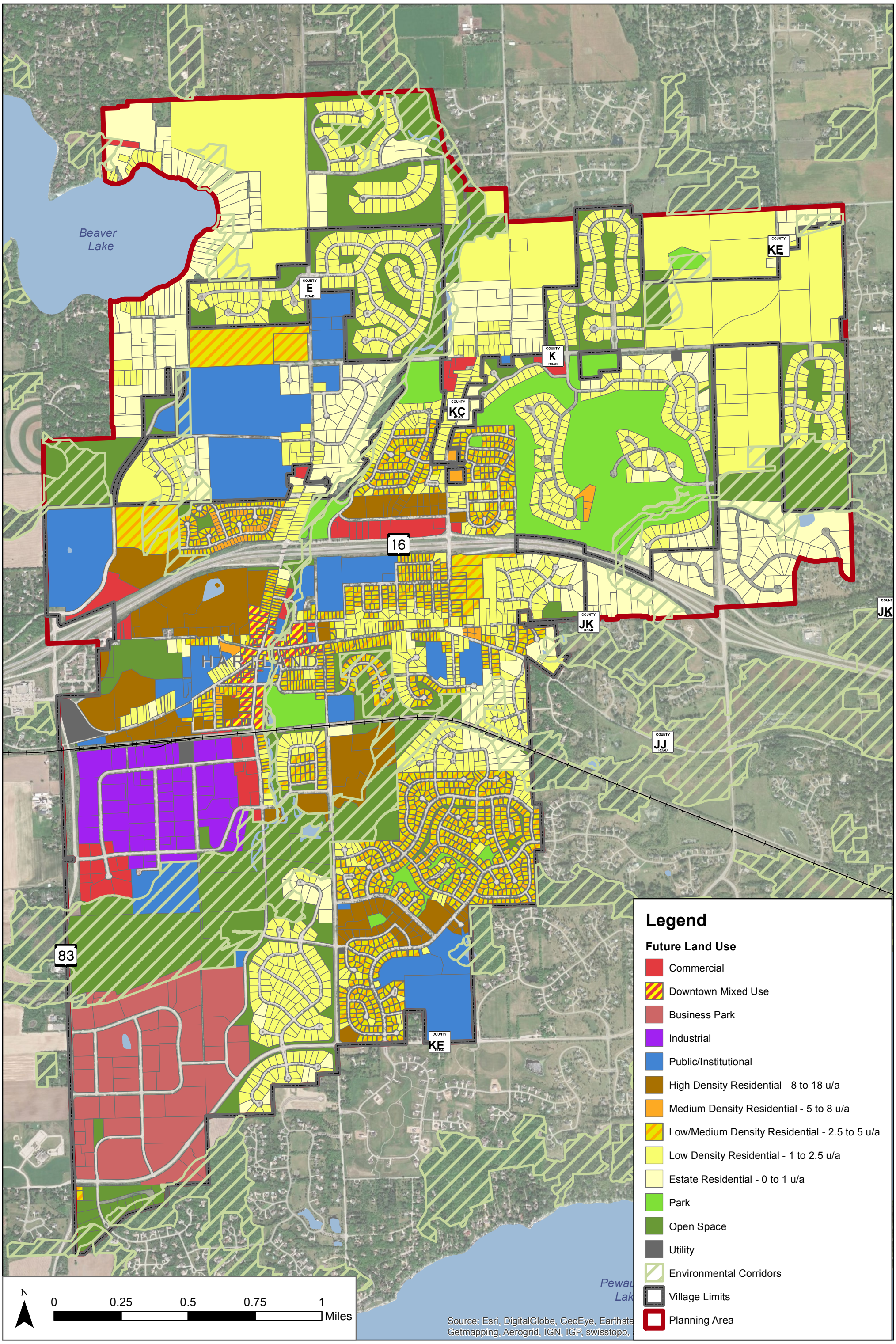


Existing Land Use

Village of Hartland - Comprehensive Plan

Village of Hartland

Figure 21



Future Land Use

Village of Hartland - Comprehensive Plan

Village of Hartland

Figure 22

Land Uses Categories

A total of 13 land use categories were used to identify a future land use plan for the Village of Hartland. These categories represent all uses, from large lot residential to public utilities. Table 22 provides a summary of each of the future land use categories

Table 22: Land Use Categories

Category	Density	Summary
Commercial	N/A	Represents commercial retail sales, services, and office buildings throughout the community. This land use is a primary location for employees and the diversity of the development provides goods and services for residents
Downtown Mixed Use	12 to 18 units/acre	The Downtown Mixed-Use Category is a new category for the 2045 land use plan. This land use represents a mixture of commercial, public and residential uses throughout the core of the Village. Both vertical and horizontal mixed uses are encouraged throughout this area.
Business Park	N/A	The Business Park land use represents a variety of uses within the Village's industrial park. These locations are centers for employment but are not dependent on drive by traffic.
Industrial	N/A	Th Industrial land use category represents manufacturing and warehouse uses through the Village. These uses typically have higher commercial truck volumes and are not depended on drive by traffic.
Public/Institutional	N/A	The Public/Institutional category represents the government owned facilities throughout the community. These uses range from the Village Hall to schools and churches. Typically, new areas of Public/Institution are not identified unless future government sites have been purchased.
High Density Residential	8 to 18 units/acre	The High Density Residential category represent the highest density land use throughout the community. Densities should range from 8 to 18 units per acre and support multifamily development.
Medium Density Residential	5 to 8 units/acre	The Medium Density Residential represents smaller scale residential development, ranging from twin homes to dense single-family home areas.
Low/Medium Density Residential	2.5 to 5 units/acre	The Low/Medium Residential category is new to the 2045 land use plan. This category represents smaller long single-family developments throughout the community.
Low Density Residential	1 to 2.5 units/acre	The Low Density Residential category represents the standard single-family development that most consider when considering residential uses.
Estate Residential	0 to 1 units/acre	The Estate Residential land use category is also new for the 2045 land use plan. This land us represents large lot residential development, on lots greater than 1 acre in size.
Park	N/A	The Parks land use category represents dedicated Village, County or Regional Parks throughout the Village
Open Space	N/A	The Open Space category is used to identify public open spaces or environmental preservation areas.
Utility	N/A	The Utility category is used to represent properties service a public utility function. Cell towers are an example of this use.

Village of Hartland
Administration
210 Cottonwood Ave, Hartland, WI 53029
www.villageofhartland.com

Committee: **Village Board**	**Date**:5/16/2025
Village Board Item Number: 8	**Date**: 5/27/2025
Submitted By: Tom Jenson, DPW Director	

Subject: Discussion and Consideration to award Mid City Corporation the contract for maintenance and repairs required for the Arlene Lift Station check valve vault.

Details: In conjunction with the Lift station work that has already been awarded to Mid City Corporation there is an additional amount of work that needs to be done at Arlene Lift station. The scope of this work is to replace the plumbing in the check valve vault and add an emergency discharge port. This project will also replace existing froze plug valves and failing check valves.

Three proposals were sought with only two qualified bidders; Mid City Corporation came in as the low bidder for a total sum of $22,400

Financial Remarks: This will come out of the CIP account in place for this years Lift Station upgrades.

Options & Alternatives:

Executive Recommendation: Staff Recommends awarding Mid City Corporation the contract for the maintenance and repairs required for the Arlene Lift Station check valve vault for the sum of $22,400

MID CITY CORPORATION

April 24, 2025

Mr. Tom Jenson- via email
Village of Hartland

Thank you for the opportunity to provide this proposal to replace the valves and add a bypass pumping connection on the valve vault at the Arlene lift station. The bypass was originally planned to be installed prior to a lift station upgrade project that we are under contract to complete, but we are proposing to complete this work in conjunction with the contract lift station work. Mid City proposes to complete the following:

- Mobilize to the site
- Open the existing check valves to drain the force main back into the wet well. Utilize pump trucks to manage the drained back sewage and any flow entering the lift station. Mid City assumes that there is somewhere for the trucks to dump into a system manhole within 10 minutes
- Remove existing valve vault piping including tee, two 90s, two check valves, and two plug valves. Existing spools through walls to remain and be painted in accordance with contract work.
- Provide the following:
    - Two 6" AVK weighted swing check valves
    - Three 6" Dezurik plug valves
    - One 6" side outlet tee
    - One 6" companion flange
    - One 6" aluminum camlock (village to confirm if they would like the riser to have a male or female cam lock)
    - One 6" aluminum camlock dust cover
    - Stainless steel accessory packs
- Reuse the existing two 90 degree bends
- Verify proper operation of valves and return system to normal operation

The above work will be completed for the lump sum of $23,700. #22,400 Total Cost
- 1,300

If you have any questions or would like us to proceed with the above work, please contact me at (414)416-7805 or snunn@midcitycorp.us

Sincerely,

Sarah J. Nunn, PE
Director of Water Resources

Tom Jenson

From: Sarah Nunn <snunn@midcitycorp.us>
Sent: Thursday, April 24, 2025 9:55 AM
To: Tom Jenson
Subject: Arlene LS Valve Vault Valves
Attachments: Proposal.pdf

Please see attached pricing for the Arlene lift station valve vault work. Based on the scope that you sent over, I assumed that we were reusing the two existing 90s in the lift station, but if you want to replace those, I can get you a price for that. If we replace the 90s, we could have a discussion about whether you want to blast and paint the small flanged stubs coming in or leave those as-is. If you don't mind those staying as it, it would be cheaper to replace the 90s than to have the painter come to blast and paint the 90s and those little stubs. Even if you wanted us to wire wheel and repaint the little stubs, it would still be less expensive to do that and replace the 90s than having the painter come.

Sarah

Sarah J. Nunn, PE (CO, MI, WI)
Director of Water Resources Division

Mid City Corporation
An Equal Opportunity/Affirmative Action Employer
12930 W. Custer Avenue
Butler, WI 53007
Cell: 414.416.7805

Tom Jenson

From: Sarah Nunn <snunn@midcitycorp.us>
Sent: Thursday, April 24, 2025 3:21 PM
To: Tom Jenson
Subject: RE: Arlene LS Valve Vault Valves

There would be a deduct of $1,300 if we completed the following:

- Provide two new flanged 90s
- Shop paint the 90s and side discharge tee
- Wire wheel the pipe stubs and paint in lieu of sandblasting

Sarah

Sarah J. Nunn, PE (CO, MI, WI)
Director of Water Resources Division

Mid City Corporation
An Equal Opportunity/Affirmative Action Employer
12930 W. Custer Avenue
Butler, WI 53007
Cell: 414.416.7805

From: Tom Jenson <tomj@villageofhartland.wi.gov>
Sent: Thursday, April 24, 2025 11:49 AM
To: Sarah Nunn <snunn@midcitycorp.us>
Subject: RE: Arlene LS Valve Vault Valves

Could you show the numbers for having mid-city wire wheel and paint the stubs with replacing the 90's

Thank you,

Tom Jenson
Village of Hartland
Director of Public Works
210 Cottonwood Avenue, Hartland, WI 53029
Ph: 262-367-2714 | C: 262-844-8868 | F: 262-367-2430
tomj@villageofhartland.wi.gov |
https://link.edgepilot.com/s/9be9e58d/j9uzbL5-10uEAbK0ZQFMfA?u=http://www.villageofhartland.wi.gov/

Confidentiality Notice: This message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information, any unauthorized review, use, disclosure, or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message. The Village of Hartland is subject to the Wisconsin Public Records Law. Emails sent or received by Village officials or employees are subject to these laws. Unless otherwise exempted from the public records law, senders and receivers of emails originating from Village employees or officials involving Village business should presume that the email is subject to release upon request and to the State of Wisconsin public record retention requirements.

From: Sarah Nunn <snunn@midcitycorp.us>
Sent: Thursday, April 24, 2025 9:55 AM
To: Tom Jenson <tomj@villageofhartland.wi.gov>
Subject: Arlene LS Valve Vault Valves

Please see attached pricing for the Arlene lift station valve vault work. Based on the scope that you sent over, I assumed that we were reusing the two existing 90s in the lift station, but if you want to replace those, I can get you a price for that. If we replace the 90s, we could have a discussion about whether you want to blast and paint the small flanged stubs coming in or leave those as-is. If you don't mind those staying as it, it would be cheaper to replace the 90s than to have the painter come to blast and paint the 90s and those little stubs. Even if you wanted us to wire wheel and repaint the little stubs, it would still be less expensive to do that and replace the 90s than having the painter come.

Sarah

Sarah J. Nunn, PE (CO, MI, WI)
Director of Water Resources Division

Mid City Corporation
An Equal Opportunity/Affirmative Action Employer
12930 W. Custer Avenue
Butler, WI 53007
Cell: 414.416.7805

800 6th St. N.W.
New Prague, MN 56071
Office: (952) 758-9445
Fax: (952) 758-9661

Quotation

To: Hartland, WI

Date: 3/12/2025
From: Travis Morgan
Phone: (414) 639-4943

Attn: Tom Jenson

Re: Hartland, WI Arlene LS Piping and Valve Replacement

Item A
Arlene Lift Station;
This will consist of supply and install of new check valves, gate valves and by pass tee.

To include:

Qty	Description
(2)	**6" AVK weighted swing check valve**
(3)	**6" Dezurik plug valve**
(1)	**6" side outlet Tee**
(1)	**6" Flange by camloc adapter**
(1)	**6" camloc cover**
(10)	**6" S/S flange acc. kits**
(1)	**Installation/labor**

Total Sell Price for Item A is $21,536.00 (plus any applicable taxes)

Bypass + 3,500.00
25,036.00 Total Cost

Terms:
Quotation is valid for 30 days. Based upon Quality Flow Systems Standard Terms and Conditions of Sale; copy provided upon request.

Proposed Delivery Schedule:
Delivery: 4-6 Weeks

Thank you for this opportunity to be of service to you. If you have any questions, please don't hesitate to call. 414-639-4943

Sincerely,

Travis Morgan
Travis Morgan

Tom Jenson

From: Travis Morgan <travism@qfsi.net>
Sent: Monday, April 28, 2025 1:53 PM
To: Tom Jenson
Subject: RE: Arlene Lift Station

Follow Up Flag: Follow up
Flag Status: Completed

Good morning,
There will be a $3500.00 addition to the original quote for Arlene lift station, to have two vac trucks on site for bypass of the lift station while work is being performed. The add cost included two vac trucks for 4 hours. If you have any questions, please feel free to reach out.

Thank you,

Travis Morgan
Sales/Service
Quality Flow Systems
4215 S. Adell ave
New Berlin WI, 53151
P:414-639-4943
E: travism@qfsi.net

From: Tom Jenson <tomj@villageofhartland.wi.gov>
Sent: Thursday, April 24, 2025 11:31 AM
To: Travis Morgan <travism@qfsi.net>
Subject: RE: Arlene Lift Station

Do you have a finalized price on this?

Thank you,

Tom Jenson
Village of Hartland
Director of Public Works
210 Cottonwood Avenue, Hartland, WI 53029
Ph: 262-367-2714 | C: 262-844-8868 | F: 262-367-2430

Village of Hartland
Administration
210 Cottonwood Ave, Hartland, WI 53029
www.villageofhartland.com

Committee: **Village Board**	**Date**:5/27/2025
Village Board Item Number:	**Date**: 5/21/2025
Submitted By: Tom Jenson, DPW Director	

Subject: Discussion and Consideration to purchase ODB Leaf Vac for the sum of $140,072.56

Details: The Village has had a budget approved purchase of a new Leaf Vac for the sum of $160,000.

We have received three different quotes for Leaf Vac's in which the DinkMar unit was the lowest quote received followed by the ODB Leaf Vac and then the Spartan Leaf Vac Trailer.

Staff is not recommending the purchase of the lowest quote as the DinkMar poses some maintenance concerns and staff familiarity with our old unit that has served the Village for 27 years when the recommended replacement interval by the state is every 12 years.

Financial Remarks: This will come the budget CIP account for the replacement of the leaf Vac in which $160,000 was budgeted.

Options & Alternatives:

Executive Recommendation: Staff recommends the purchase of the ODB Leaf Vac for the sum of $140,072.56



DCL800TM - Trailer Mounted Self-Contained Debris Collector

Electronic Build Sheet (EBS)

Effective	1/8/2025
Print Date	4/3/2025
PO Number	
Dealer Name	ODB
Dealer Address	
Dealer Contact Name	
Dealer Contact Phone	
Customer Name	Hartland WI
Customer Address	
Customer Contact Name	Leo
Customer Contact Phone	

ODB Sourcewell contract is between ODB and the end user. All Sourcewell deals must include a copy of the Sourcewell calculator, and a quotation must be provided by DuCo LLC. Any use of the Sourcewell contract for sales out of dealer stock or authorized dealer direct sales utilizing the Sourcewell contract must be accompanied by an authorization letter provided during the quotation process for the single transaction. All sales of dealer stock under the Sourcewell contract by a dealer must be reported to ODB by the 3rd day of each month. To get your Sourcewell Quote and Calculator, send the EBS to: your ODB RSM, and mjdubois@ducollc.com.

- ○ Sourcewell
- ◉ Not Sourcewell
- ○ Stock Unit

Trailer Mount Standard Features - *Options that Maximize Safety, Efficiency, Functionality & Performance*

- 28" SHREDMASTER impeller with (6) 3/8" thick T-1 steel blades
- 3 groove power band belt driven
- 40 gallon polyethylene fuel tank
- Electronic engine controls with safety shut downs
- 13" clutch assembly with 2.25" PTO shaft and safety engagement
- 16" x 120" Rubber suction hose with steel nozzle
- Straight intake ducting
- 1/4" thick skid deck with channel members on ends
- John Deere upgrade includes block heater and remote oil drain standard
- John Deere upgrade includes block heater and remote oil drain
- Dual Side Hinge Doors
- Light bar on hopper with 4 front facing amber flashing LED lights
- LED DOT lights
- Gear driven Hydraulic pump powers 15.2 ton capacity hoist
- Heavy Duty height adjustable pintle eye with 3 quick pins
- Manual parking jack with drop foot
- 2 amber LED oval flashers
- Electric brakes with break-away actuator
- 14yd: 16K Axles, 20 yd: 20K Axles, 25/30 yd: 24K Axles

Qty	Whole Good - Choose One	PN	MSRP
	14 Cubic Yard Trailer Mount Debris Collector	DCL800TM14	$ 104,995.80
	20 Cubic Yard Trailer Mount Debris Collector	DCL800TM20	$ 112,129.06
1	25 Cubic Yard Trailer Mount Debris Collector	DCL800TM25	$ 116,414.47
	30 Cubic Yard Trailer Mount Debris Collector	DCL800TM30	$ 120,632.33
Qty	**Engine - Choose One**	**PN**	**MSRP**
	Kubota WSG3800 3.8L Gasoline 87hp@2600rpm (Single Axis)	K87P	$ -
1	John Deere Diesel, 74HP Final T4 (1X) XTREME	JD74P24	$ 13,407.26
Qty	**Engine and Blower Options**	**PN**	**MSRP**
	Remote electric throttle for engine (Standard on 2/3 Axis) XTREME	101OPT	$ 1,380.27
Qty	**Hopper Options**	**PN**	**MSRP**
	DCL bottom exhaust 25&30 box (Perf Screens Standard) XTREME	33OPT	$ 10,725.22
	DCL bottom exhaust 14&20 box (Perf Screens Standard) XTREME	34OPT	$ 9,064.95
	Air Scoop to redirect exhausted air towards rear of unit	7OPT	$ 4,471.78
	Qty (2) 11 ga perf screens (10,14,16,20 CYD, 750TM)	70OPT	$ 2,341.22
1	Qty (3) 11 ga perf screens (25 &30 CYD)	71OPT	$ 3,511.83
Qty	**Miscellaneous Options**	**PN**	**MSRP**
	Electric over Hydraulic front parking jack in lieu of manual (800/750 only) XTREME	104OPT	$ 2,828.62
1	Urethane suction hose in lieu of rubber Deduction	67OPT	$ -
	30" CCW SHRED-MASTER™ Fan (450/650/700/800 Only) XTREME	79OPT	$ 718.84
Qty	**3 Axis Boom Options**	**PN**	**MSRP**
	3 Axis (up/down, left/right, in/out) hose boom XTREME	4OPT	$ 32,247.75
	Wireless Belly Pack Controls (2 or 3 Axis boom Only) XTREME	102OPT	$ 5,573.53

Qty	Paint Options	PN	MSRP
	Paint, Special: White enamel replaced by color	106OPT	$ 3,494.40
	Special Paint Color:		
	Special Paint Code:		

Qty	Freight Options - Choose One		MSRP
	LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock.		
	If ODB arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.		
	NOTE! Dock door loading is not available. No ODB equipment is available to assist equipment loading		
	All loading must be between 8 AM - 1 PM with 24 Hour Notice to ODB from Dealer		
1	ODB Supplied ($5/mile)		$ 4,535.00
	Supplied by Dealer		$ -

Ship to Name: _____

Ship to Address: _____

Ship to Phone: _____

Shipping Terms: Ex-Works Richmond VA unless specified oth

Qty	Additional Items/Special Option Requests	PN	MSRP
1	Paint, Special: White enamel replaced by color	106OPT	Free
	Orange - Will Need Paint Code Upon Order if it's a specific orange		
1	Swivel Intake Duct	430OPT	$ 2,204.00
	Block Heater and Remote Oil Drain Is Standard with JD Engine		

	Terms
x	Net 30
	Other:

_____

	MSRP
Subtotal Unit	$ 133,333.56
Freight	$ 4,535.00
Additional Items	$ 2,204.00
Total	$ 140,072.56

Please submit PO's to: ODBSales@odbco.com

_____ _____

ODB RSM Approval Signature **Date**

_____ _____

ODB Director of Engineering and Sales Approval Signature **Date**

Buyer understand this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) ODB's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) ODB's Standard Terms and Conditions of Sale located at https://odbco.com/ which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

_____ **Date** _____

Authorized Customer Representative Submitting Purchase Order

Make note of the following: All prices are subject to change without notice. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by ODB. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by ODB management. This Electronic Build sheet (EBS) is a communication tool between ODB and its Dealers. This EBS is proprietary to ODB and may not be modified or used for any other purpose without the written consent of ODB. Dealer Net pricing should not be shared with end customer by ODB or its Dealers.

- Heavy Duty Hand Clutch
- Directional Light Bar
- Rear Dump Wireless Camera

LIGHTING AND ELECTRICAL

Pricing Breakdown:

NEW TITAN OLYMPIAN TRAILER MOUNT SELF_CONTAINED VAC.....
TOTAL TRAILER PRICE w/OPTIONS LISTED.....$166,500.00
Additional Costs.....
Delivery Freight From Factory.....$1,750
MacQueen Equipment PDI/Setup.....$1,200
MacQueen Equipment On-Site Delivery/Training.....$1,200
COMBINED ESTIMATED BUDGET NUMBER $170,650.00
**this is an estimated budget number, not a final quote.

ADDITONAL OPTIONS TO CONSIDER:

- 23YD BODY ILO 30YD BODY.....SUBTRACT: $4,050.00
- 74HP JOHN DEERE DIESEL ILO KUBOTA 74HP DIESEL.....ADD: $8,550.00
- TRANSFLUID COUPLER ILO HD HAND CLUTCH.....ADD: $3,800.00
- DOWN DRAFT TAILGATE EXHAUST ILO STRAIGHT REAR EXHAUST.....ADD: $5,400.00
- OPERATORS CAB ILO OPERATORS PLATFORM.....ADD: $12,000.00
  Fully Enclosed Cab w/Sound Deadening Insulation, adjustable seat w/ armrest joystick. Cooling/Defrost Fan, heat, work lights, wipers, horn

---

Terms and Training, Availability, and Warranty:
Training: MacQueen Equipment will provide up to 2 Days of operator/maintenance training for city employees upon delivery of the unit on-site.
Warranty: TITAN Warranty- 1 Year on Complete Unit –Engine Warranty per manufacturer's Standard Warranty
Availability: TBD
Terms of Sale: Invoice Due 30 Days after delivery. Proposed prices are based on current costs and therefore subject to change with written notice to account for changes in pricing beyond the seller's control.
Proposal Pricing Expires: 30 Days from Issuance.

MACQUEEN

VILLAGE OF HARTLAND, WI
701 Progress Drive
Hartland, WI 53029

Date: 11/14/2024



********************EQUIPMENT BUDGET PROPOSAL********************

The proposed pricing provided is based on current pricing and option content requested at the time. Pricing and availability is subject to change with written notice for items outside of dealers control. For Planning purposes, a 7-10% price increase each year is a good estimate for planning.

I have generated a proposal for (1) NEW Olympian Self-Contained Tow-Behind Trailer Leaf vac. Details described below….

NEW TITAN OLYMPIAN PRO PLUS – SELF-CONTAINED LEAF VAC TRAILER

3-axis proportional electric/hydraulic pickup overhead boom w/ 180° swing	Fully accessible hydraulic valve on swing out door
23 yard capacity leaf containment box with hoist	Hydraulic rear tailgate
Hydraulic Jack	Wireless Camera monitoring system (single camera)
74 H.P. liquid-cooled, diesel engine	Quick Disconnect Suction Hose
40 gallon fuel tank	Elbow liner
Enclosed operator platform for controlling collection boom	Straight Rear Exhaust
Belt drive fan with idler tensioner adjustment & blower liner	Removable radiator screen
Heavy duty hand clutch with engagement lever at operator station	Rear mud flaps
Flx-Thane VHD Clear Urethane Hose	Fire extinguisher, wheel chocks and amber LED flashers

BUDGET NUMBERS INCLUDE ALL STANDARD EQUIPMENT PLUS THE FOLLOWING ENHANCEMENTS:

BODY

- High Capacity 30yd Olympian Body
- Full Factory Trailer Mount at Titan
- Fan Cleanout Door
- Tool rack
- Operators Hood

HYDRAULICS

MACQUEEN

NEW SPARTAN PRO SELF-CONTAINED LEAF VAC – LEAF VAC TRAILER w/OPERATOR SEAT

STANDARD FEATURES	
Manual Pickup (right hand) overhead collection hose support arm	Flx-Thane VHD clear urethane hose
15 yard capacity leaf containment box with hoist	Quick Disconnect Suction Hose
Hydraulic Jack	Elbow Liner
74 H.P. liquid-cooled, diesel engine	Removable radiator screen
50 gallon aluminum fuel tank with built in gauge	Clean Out Door
Heavy duty hand clutch	Tarp Rods installed
Single function double acting electric over hydraulic power unit for power pickup arm up and down	Wheel Chocks
	Fire Extinguisher and Yellow Flashers

BUDGET NUMBERS INCLUDE ALL STANDARD EQUIPMENT PLUS THE FOLLOWING ENHANCEMENTS:

LEAF TRAILER OPTIONS

- 25YD Self-Contained Body Upgrade
- Transfluid Coupler
- Spare Tire
- Complete Containment Hood

LIGHTING AND ELECTRICAL

- Directional Light Bar
- Tool Rack

Pricing Breakdown:

NEW SPARTAN PRO SELF-CONTAINED TRAILER LEAF VAC.....

TOTAL TRAILER PRICE w/OPTIONS LISTED.....$141,505.00

Additional Costs.....

Delivery Freight From Factory.....$1,750

MacQueen Equipment PDI/Setup.....$1,200

MacQueen Equipment On-Site Delivery/Training.....$1,200

COMBINED ESTIMATED BUDGET NUMBER $145,655.00

**this is an estimated budget number, not a final quote.

ADDITONAL OPTIONS TO CONSIDER:

- TRANSFLUID COUPLER ILO HD HAND CLUTCH.....ADD: $4,000.00
- HEAVY DUTY INDUSTRIAL HOSE ILO CLEAR URETHANE.....ADD: $1,400.00

Terms and Training, Availability, and Warranty:

Training: MacQueen Equipment will provide up to 2 Days of operator/maintenance training for city employees upon delivery of the unit on-site.

Warranty: TITAN Warranty- 1 Year on Complete Unit –Engine Warranty per manufacturer's Standard Warranty

Availability: TBD

Terms of Sale: Invoice Due 30 Days after delivery. Proposed prices are based on current costs and therefore subject to change with written notice to account for changes in pricing beyond the seller's control.

Proposal Pricing Expires: 30 Days from Issuance.

THANK YOU FOR THE OPPORTUNITY QUOTE!
Grant Wegner | Territory Manager
MacQueen Equipment – Wisconsin/UP Michigan
920-327-9777 | grant.wegner@macqueengroup.com

PARTNERS MFG. GROUP, INC.
9357 TWP. RD 48
GALION, OHIO 44833

email: leafmaster2@yahoo.com- Website www.dinkmar.com

Phone : DAVID DINKEL 419-565-7168/RYAN DINKEL 419-565-0061

DinkMar

Invoice

The Machine that sucks...leaves!

INVOICE #: **2024-5746**

DATE : **10/11/2024**

BILL TO

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

P.O. NUMBER	TERMS	DUE DATE	REP	SHIP	VIA	F.O.B.
MARCH 14, 2023	**1% 10 Net 30**	**10/11/2024**	**DAVE**	**10/11/2024**	**OUR TRUCK**	GALION, OHIO

QTY	ITEM CODE	DESCRIPTION	RATE	AMOUNT	B.ORDER
		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			
6	**2024 OPTION**	**32" FAN ASSEMBLY WITH 1/2" AR400F MATERIAL**	**55.00**	**330.00**	
1	**2024 OPTION**	**3/8" AR 400F LINER INSTALLER AND WILL BE 2 PARTS LINER ASSEMBLY**	**800.00**	**800.00**	
4	**2024 OPTION**	**ADDED BRACES ON LEAF BOX**	**15.00**	**60.00**	
1	**FREIGHT**	**FREIGHT/ SHIPPING**	**1,810.00**	**1,810.00**	

PAYMENT NOT RECEIVED ON TERM LISTED ABOVE ARE SUBJECT TO A LATE CHARGE OF 1.5% OF THE AMOUNT DUE

PLEASE MAKE CHECK PAYABLE TO
PARTNERS MFG GROUP, iNC.
P.O. BOX 907
GALION, OHIO 44833

Total	**$92,000.00**
Payments/Credits	**$0.00**
Balance Due	**$92,000.00**

PARTNERS MFG. GROUP, INC.
9357 TWP. RD 48
GALION, OHIO 44833

email: leafmaster2@yahoo.com- Website www.dinkmar.com

Phone : DAVID DINKEL 419-565-7168/RYAN DINKEL 419-565-0061

DinkMar

Invoice

The MachIne that sucks...leaves!

INVOICE #: **2024-5746**

DATE : **10/11/2024**

BILL TO

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

P.O. NUMBER	TERMS	DUE DATE	REP	SHIP	VIA	F.O.B.
MARCH 14, 2023	**1% 10 Net 30**	**10/11/2024**	**DAVE**	**10/11/2024**	**OUR TRUCK**	GALION, OHIO

QTY	ITEM CODE	DESCRIPTION	RATE	AMOUNT	B.ORDER
1	P-2013-9 130...	**BASIC DINKMAR 25 YD SELF CONTAINED LEAF VACUUM SYSTEM 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 HOSE 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 14' 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**	**89,000.00**	**89,000.00**	

PAYMENT NOT RECEIVED ON TERM LISTED ABOVE ARE SUBJECT TO A LATE CHARGE OF 1.5% OF THE AMOUNT DUE

PLEASE MAKE CHECK PAYABLE TO
PARTNERS MFG GROUP, iNC.
P.O. BOX 907
GALION, OHIO 44833

Total	
Payments/Credits	
Balance Due	