



**AGENDA PACKET**  
**VILLAGE OF LAKE ZURICH**  
**Village Board of Trustees Meeting**

**January 21, 2025**  
**07:00 pm**

# VILLAGE OF LAKE ZURICH

## VILLAGE BOARD OF TRUSTEES MEETING

**JANUARY 21, 2025**  
**07:00 PM**  
**AGENDA**

**1. CALL TO ORDER**

**2. ROLL CALL**

Mayor Thomas Poynton, Trustee Mary Beth Euker, Trustee Jake Marx, Trustee William Riley, Trustee Marc Spacone, Trustee Roger Sugrue, Trustee Greg Weider.

**3. PLEDGE OF ALLEGIANCE**

**4. PRESIDENT'S REPORT / COMMUNITY UPDATE**

**5. PUBLIC COMMENT**

This is an opportunity for residents to comment briefly on matters included on the agenda and otherwise of interest to the Board of Trustees. Public Comment is limited to 30 minutes total and up to 5 minutes per speaker.

**6. CONSENT AGENDA**

These titles will be read by the Village Clerk and approved by a single Roll Call Vote. Any item may be pulled from the Consent Agenda for discussion by any Village Trustee.

**A. Approval of Minutes from the Village Board Meeting of January 6, 2025**

Attachment: [6a.pdf](#)

**B. Approval of Executive Session Minutes from the Village Board Meeting of December 2, 2024**

**C. Approval of Semi-Monthly Warrant Register Dated January 21, 2025, Totaling \$2,868,266.08**

Attachment: [6c.pdf](#)

**D. Contract with Midwest Salt for Purchase of Bulk Water Conditioning Salt in the Amount Not-to-Exceed \$172,700**

**Summary:** The Village's contract with Midwest Salt for bulk water conditioning salt expired on December 31, 2024. The FY 2025 budget includes \$172,700 for this commodity purchase. Staff solicited bulk salt suppliers in the area and received four bids, with the most competitive quote from Midwest Salt at \$126 per ton.

Attachment: [6d.pdf](#)

**E. Waiver of Competitive Bid Process and Approval of Agreement with State Industrial Products for the Annual Hydrogen Sulfide Reduction Program in the Amount Not-to-Exceed \$65,520**

**Summary:** For the past several years, Public Works has implemented a program to feed a proprietary chemical blend from the State Industrial Products to reduce and control the formation of hydrogen sulfide (H<sub>2</sub>S) at the Northwest and Quentin Road sanitary sewer pump stations. The FY 2025 budget includes \$66,856 for a hydrogen sulfide reduction program to slow down corrosion and extend the life of sanitary sewers. Staff requests to waive the competitive bid process and approve a one-year agreement with State Industrial Products for the Quentin Road and Northwest Pumping Stations in the amount not-to-exceed \$65,520.

Attachment: [6e.pdf](#)

**F. Purchase of Mini Excavator from West Side Tractor in the Amount Not-to-Exceed \$153,067.91**

**Summary:** Public Works currently operates two combination backhoe-loaders and the need for a track excavator has been increasing



as the tracks cause significantly less damage to landscapes than a wheeled loader. The FY 2025 budget identifies the purchase of a mini excavator and trailer with the unit purchased through the Sourcewell Purchasing Cooperative. Staff requests the purchase of the John Deer Mini Excavator from West Side Tractor in the amount not-to-exceed \$153,067.91.

Attachment: [6f.pdf](#)

#### **G. Purchase of a Material Conveyor in the Amount Not-to-Exceed \$119,524.86**

**Summary:** The FY 2025 budget identifies \$125,000 for the addition of a material conveyor. This piece of equipment is safer and more efficient in loading salt into salt domes and for use of stacking other materials. The proposed new unit is a KIMCO conveyor that will be purchased through the State of Illinois Purchasing Contract in the amount not-to-exceed \$119,524.86.

Attachment: [6g.pdf](#)

#### **H. Purchase of Trailer from Atlas Bobcat in the Amount Not-to-Exceed \$29,523**

**Summary:** The purchase of a mini excavator requires the purchase of an additional trailer for transportation in addition to transporting most equipment used in day to day operations by the Public Works Department. Staff requests the purchase of one 2025 Cronkhite 6300A trailer from Atlas Bobcat in the amount not-to-exceed \$29,523.

Attachment: [6h.pdf](#)

#### **I. Authorization of Change Order for Revised Cost Estimate with Layne Christensen Company to Repair Well No. 9 in the Additional Amount Not-to-Exceed \$119,541**

**Summary:** The Village Board on November 4, 2024 authorized an expenditure of \$117,855 to Layne Christensen Company to begin Well No. 9 repairs. The inspection results of the well's pumping equipment indicate piping in poor condition requiring replacement of 760 linear feet of column pipe. To date, \$62,997 has been spent on Phase 1 of the pumping equipment with a revised cost estimate to complete the required repairs totaling \$237,396, an increase of \$119,541 from what was previously authorized. Staff requests to accept the revised cost estimate to complete the necessary repairs to Well No. 9 from Layne Christensen Company and authorize a change order in the amount not-to-exceed \$119,541.

Attachment: [6i.pdf](#)

#### **J. Ratification of Collective Bargaining Agreement with International Association of Firefighters Local 3191**

**Summary:** The collective bargaining agreement with the International Association of Firefighters Local 3191 expired on December 31, 2024. The Village has been in negotiations with the IAFF regarding a successor contract with the members of IAFF accepting a new three year contract in January 2025. Staff requests the approval of the Collective Bargaining Agreement between the Village of Lake Zurich and IAFF 3191.

Attachment: [6j.pdf](#)

#### **K. Purchase of Beet Heet from K-Tech Specialty Coatings in the Amount Not-to-Exceed \$26,649**

**Summary:** The FY 2025 budget allocates \$24,750 for liquid deicer in the Non-Home Rule Sales Tax Fund. "Beet Heet" deicer delivers the best de-icing option for winter road maintenance in the Village. The cost for the required amount of effective treatment during FY 2025 exceeds the budgeted amount by \$1,899. Cost savings from other programs within the Non-Home Rule Sales Tax Fund will be utilized to offset the cost increase. Staff requests to approve the purchase of Beet Heet liquid deicer from K-Tech Specialty Coatings in the amount not-to-exceed \$26,649.

Attachment: [6k.pdf](#)

### **7. NEW BUSINESS**

No items.

### **8. TRUSTEE REPORTS**

### **9. VILLAGE STAFF REPORTS**

Attachment: [Parks Recreation- December 2024.pdf](#)

Attachment: [Police - December 2024.pdf](#)

Attachment: [Public Works- December 2024.pdf](#)

Attachment: [Village Managers Office - December 2024.pdf](#)

Attachment: [Community Development - December 2024.pdf](#)

Attachment: [Finance - December 2024.pdf](#)

Attachment: [Fire - December 2024.pdf](#)

**10. EXCEUTIVE SESSION called for the purpose of:**

- 5 ILCS 120 / 2 (c)(21) Review of Executive Session Minutes
- 5 ILCS 120 / 2 (c)(5) purchase or lease of real estate

**11. ADJOURNMENT**

The next regularly scheduled Village Board meeting is on Monday, February 3, 2025.

**UNAPPROVED MINUTES  
VILLAGE OF LAKE ZURICH  
Board of Trustees  
70 East Main Street**



**Monday, January 6, 2025 7:00 p.m.**

1. **CALL TO ORDER** by Mayor Thomas M. Poynton at 7.00pm.
2. **ROLL CALL:** Mayor Thomas Poynton, Trustee Mary Beth Euker, Trustee Jake Marx, Trustee William Riley, Trustee Marc Spacone, Trustee Roger Sugrue, Trustee Greg Weider. Also in attendance: Village Manager Ray Keller, Asst. Village Manager Michael Duebner, Village Atty. Scott Uhler, Finance Dir. Amy Sparkowski, Management Services Dir. Kyle Kordell, Police Chief Steve Husak, Dir. of Community Development Sarosh Saher.
3. **PLEDGE OF ALLEGIANCE**
4. **PRESIDENT'S REPORT / COMMUNITY UPDATE**

**Lake Zurich Green Power Recognition with Environmental Protection Agency.**  
EPA representative Ivy Klee addressed the Board on the recognition award and mentioned that the village was one of 110 communities in the USA.
5. **PUBLIC COMMENT**

Craig Dannegger, 21975 N. Mayfield Ln., Deer Park, addressed the Board on his opposition to the Agenda Item #7B, Regal Theatre proposed development, which borders his property. He had shared a 97 signatures petition with the Board. The proposal is too dense and would impact District #95 schools.

Chris Stachowiak, 2 Newgate Ct., addressed the Board on Agenda Item #7B and his opposition to the development. He stated that there would be too many cars, need for a middle level restaurant, inconvenient location of dumpsters, lack of walkability.

George Michehl, 879 Interlaken Dr., addressed the Board on his concerns of emergency vehicles being able to respond to Building 1 and 2.

Ronit Binder, 21944 N. Farthingdale Ct., Deer Park, addressed the Board on her concerns of the conversation of wildlife in Agenda Item #7B; Dist. #95 impact and better building design.

Paul Lang, 21962 N. Farthingale Ct., Deer Park, addressed the Board on Agenda Item #7B and his concerns about stormwater flooding as his yard floods from the overflow.

Al Silcroft, 964 Manchester Road, addressed the Board on Agenda Item #7A. He shared his concerns on the density of the development, drainage, damage to the road and to his property, road elevation. He requested that a fence be of composition material and be 6 feet tall and there be a limit of 2 year to conclude construction.

Paul Pelczynski, 969 Manchester Road, addressed the Board on Agenda Item #7A. His concerns are damage to his property.

Village of Lake Zurich Board of Trustees Regular Meeting. Monday January 6th, 2025.

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6. **CONSENT AGENDA**

- A. **Approval of Minutes from the Village Board Meeting of December 2, 2024**
- B. **Approval of Executive Session Minutes from the Village Board Meeting of November 18, 2024**
- C. **Ratification of Semi-Monthly Warrant Register Dated December 16, 2024 Totaling \$1,060,336.21**
- D. **Approval of Semi-Monthly Warrant Register Dated January 6, 2025 Totaling \$1,323,014.36**
- E. **Agreement with Wintrust Bank for Municipal Banking Services**  
**Summary:** The Village issued a banking services request for proposal (RFP) to enter into a formal banking services contract with a reputable bank. The RFP was sent to several banks with governmental units. Four proposals were received from qualified banks. After a comprehensive review of the proposals, staff requests the Village Board authorize the Village Manager to execute an agreement for banking services with Wintrust Bank.  
**Recommended Action:** A motion was made by Mayor Poynton, seconded by Trustee Euker, to approve the Consent Agenda as presented.  
 AYES: 6 Trustees Euker, Marx, Riley, Spacone, Sugrue, Weider.  
 NAYS: 0  
 ABSENT: 0  
 MOTION CARRIED.

7. **NEW BUSINESS**

- A. **Ordinance Approving a Planned Unit Development Amendment to the Official Zoning Map, Special Use Permits and Modifications to the Zoning and Land Development Code for Meadow Wood East Residential Subdivision**  
 Ord. #2025-01-600  
**Summary:** Applicants Mr. Mike Naumowicz and Mr. Kirk Rustman, request approval to amend the Planned Unit Development for the subdivision Meadow Wood East located to the north of Manchester Road. The Subject Property is currently subdivided and zoned for nine single-family homes within the R-4 residential district which provides for 15,000 square-foot lots. The Applicants propose to resubdivide the property to increase the number of lots from 9 to 15 and to rezone within the R-5 single family residential-district to provide for smaller lot sizes of 10,000 square feet.  
 At their October 16, 2024 meeting, the Planning and Zoning Commission recommended approval of the PUD amendment and accompanying development concept plan, subject to several conditions. The proposed ordinance includes requirements for improved stormwater management to comply with current standards; additional landscape buffering; a two-year window to complete all site improvements, and a detailed development agreement to accompany the final plat and final plan.  
 Community Development Dir. Sarosh Saher introduced the applicant Kirk Rustman who gave a brief PowerPoint presentation on the project. The Board members then shared their comments and concerns. Those included density, as an increase from 9 to 15 lots; lots not being developed by Mr. Rustman; smaller lot sizes; ambiguous timeline. Mr. Rustman responded to the comments and suggested an inclusion of 2-year conclusion in the agreement

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and sharing builders information with the Board. Atty. Uhler advised the Board on the inclusion of a timeline and Mayor Poynton suggested tabling this item and continuing it to the February 3<sup>rd</sup>, 2025 Village Board meeting. If the Ordinance did not pass there would be a 2 year wait to present anything back to the Village Board.

**Recommended Action:** A motion was made by Mayor Poynton, seconded by Trustee Weider, to continue consideration of the Ordinance #2025-01-600 Approving a Planned Unit Development Amendment to the Official Zoning Map, Special Use Permits and Modifications to the Zoning and Land Development Code for Meadow Wood East Residential Subdivision to the Village Board meeting on February 3<sup>rd</sup>, 2025 meeting.

AYES: 6 Trustees Euker, Marx, Riley, Spacone, Sugrue, Weider.

NAYS: 0

ABSENT: 0

MOTION CARRIED.

**B. Courtesy Review for Proposed Mixed-Use Development at the Regal Cinema Property at June Terrace and Rand Road**

**Summary:** MJK Real Estate Holding Company and Continental Properties Company propose a mixed-use development on the 20-acre site at 755 South Rand Road, commonly referred to as the Regal Cinema property.

The proposed development includes 282 rental units ranging in size from studio apartments to three-bedroom units as well as a 4,000 square-foot quick service restaurant with indoor and outdoor seating. The proposal includes a clubhouse with a 24-hour fitness center, a resident lounge and a leasing office. Resident amenities include swimming pool, pet park, 24-hour maintenance and a dedicated on-site team.

Representatives from both firms are offering initial concept plans for Village Board comment at this time as a non-voting item.

Asst. Village Manager Michael Duebner introduced Richard Silverman of MJK Real Estate Holdings and Erik Hahn of Continental Properties along with Javier Millan of KLOA and Bridget Wiesel of Continental Properties. Mr. Silverman, who has developed 7-Brew Coffee shop on S. Rand Road, gave background information on the relationship between MJK and Continental Properties. Erik Hahn then addressed the Board and gave a PowerPoint presentation on their proposal and answered their questions. Questions included number of children anticipated, height of buildings, access to the Storage business. The Trustees gave their input on traffic, ingress/egress, not a mixed-use development, snow removal, Buildings 1 and 2, setbacks, density, stormwater, pedestrian accessibility, timeframe. Staff also answered questions.

**Recommended Action:** This is a non-voting item at this time. The developer and Village Staff seek to understand the Board's preferences towards the proposed use at this site.

**8. TRUSTEE REPORTS**

Trustee Spacone commented on the recent closures of businesses in the Village and the changing economic environment.

Village of Lake Zurich Board of Trustees Regular Meeting. Monday January 6th, 2025. 4

**9. VILLAGE STAFF REPORTS**

There were none.

**10. EXECUTIVE SESSION called for the purpose of:**

5 ILCS 120 / 2 (c)(21) review of executive session minutes and 5 ILCS 120 / 2 (c)  
(2) Collective Bargaining *was cancelled*.

**11. ADJOURNMENT**

Motion to adjourn the meeting was made by Trustee Weider, seconded by Trustee Euker.

AYES: 6 Trustees Euker, Marx, Riley, Spacone, Sugrue, Weider.

NAYS: 0

ABSENT: 0

MOTION CARRIED.

The meeting adjourned at 8.50pm.

Respectfully submitted:

Kathleen Johnson, Village Clerk.

Approved by:

\_\_\_\_\_  
Mayor Thomas M. Poynton

\_\_\_\_\_  
Date.

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WARRANT REPORT - 1/21/2025

\$2,868,266.08

<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
<b>Fund 101 GENERAL</b>				
Dept 00000				
1	101-00000-21202	AMBULANCE FEES PAYABLE	AMB REF - KOTTKE, R 09-26-23	60.00
2	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - DANCE	19.55
3	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - DANCE	7.60
4	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - MUSIC MASTERS	84.00
5	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - COMIC BOOK PROGRAM	95.00
6	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - CONTEMP LYRICAL	551.85
7	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - MUSIC MASTERS	84.00
8	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - DANCE	7.25
9	101-00000-21203	RECREATION CREDIT PAYABLE	REF PRG CXL - DANCE	17.55
10	101-00000-25201	BUILDING PERMIT DEPOSITS	PAYMENT REF #PB24-0244 - 6 NEWGATE CT	112.00
11	101-00000-25201	BUILDING PERMIT DEPOSITS	909 S RAND RD	930.00
12	101-00000-25201	BUILDING PERMIT DEPOSITS	BD PYMNT REF #PB24-1239 - 258 CLAIR VIEW	294.00
Total For Dept 00000				<u>2,262.80</u>
Dept 10001 GENERAL GOVERNMENT ADMINISTRATION				
1	101-10001-48310	CASH OVER/SHORT	AUDIT CORRECTION	<u>(6.25)</u>
Total For Dept 10001 GENERAL GOVERNMENT ADMINISTRATION				<u>(6.25)</u>
Dept 11006 LEGISLATIVE MAYOR & BOARD				
1	101-11006-51654	MEMBERSHIPS & SUBSCRIP	ANNUAL DUES - GOVERNMENT ENTITIES	<u>440.00</u>
Total For Dept 11006 LEGISLATIVE MAYOR & BOARD				<u>440.00</u>
Dept 12001 VILLAGE ADMIN ADMINISTRATION				
1	101-12001-51652	TRAINING AND MEETINGS	4TH QTR BOARD OF DIRECTORS LUNCHEONS	<u>75.00</u>
Total For Dept 12001 VILLAGE ADMIN ADMINISTRATION				<u>75.00</u>

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
Dept 12180 VILLAGE ADMIN ECONOMIC DEVELOPMENT				
1	101-12180-54308	TAX REBATES	TAX REBATE - SEPTEMBER 2024	14,704.97
2	101-12180-54308	TAX REBATES	TAX REBATE - SEPTEMBER 2024	4,564.62
3	101-12180-54308	TAX REBATES	TAX REBATE - SEPTEMBER 2024	9,129.25
Total For Dept 12180 VILLAGE ADMIN ECONOMIC DEVELOPMENT				28,398.84
Dept 17001 TECHNOLOGY ADMINISTRATION				
1	101-17001-52111	OTHER PROFESSIONAL SVCS	AWS CLOUD SVCS - DEC	15.66
2	101-17001-52111	OTHER PROFESSIONAL SVCS	SUPPORT AGMT 2025 - JAN	2,095.60
3	101-17001-52111	OTHER PROFESSIONAL SVCS	MS CLOUD SERVICES - DEC	103.44
4	101-17001-52704	MAINT-EQUIPMENT	REC COPIES - 10/01/24 - 12/31/24	1,301.44
5	101-17001-53203	TELEPHONE & DATA SVCS	INTERNET - 133 N OLD RAND	149.90
6	101-17001-53203	TELEPHONE & DATA SVCS	COMBINED INTERNET - DEC'24/JAN'25	2,140.42
7	101-17001-53203	TELEPHONE & DATA SVCS	BARN ELEVATOR PHONE - JAN	73.59
8	101-17001-53203	TELEPHONE & DATA SVCS	ANALOG LINES 2025 - JAN	1,332.92
9	101-17001-56601	CAPITAL LEASE	FIRE & PD - COPIER LEASE	164.74
Total For Dept 17001 TECHNOLOGY ADMINISTRATION				7,377.71
Dept 24001 POLICE ADMINISTRATION				
1	101-24001-51652	TRAINING AND MEETINGS	LEAPIL MEETING	15.00
2	101-24001-51653	BOOKS & PUBLICATIONS	IACP NET ANNUAL DUES	875.00
3	101-24001-51654	MEMBERSHIPS & SUBSCRIP	ILEAP MEMBERSHIP - STEINER	75.00
4	101-24001-51655	EMPLOYEE RECOGNITION	RETIREMENT CARD	8.55
5	101-24001-53209	UNIFORMS	REIMB: HEMMING, PATCHES	94.00
6	101-24001-53211	OTHER SUPPLIES	TRAINING ROOM - COOKIES, COFFEE, BISCUITS	42.69
Total For Dept 24001 POLICE ADMINISTRATION				1,110.24
Dept 24210 POLICE OPERATIONS				
1	101-24210-52111	OTHER PROFESSIONAL SVCS	PS TRACKER 2025 SUBSCRIPTION	3,990.00



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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
2	101-24210-52111	OTHER PROFESSIONAL SVCS	STARCOM - JANUARY	1,932.00
3	101-24210-52204	OTHER LEGAL	ADJUDICATION SERVICES - DEC	225.00
4	101-24210-52703	MAINT-VEHICLES	BICYCLE SEAT FOR POLICE BIKE	26.99
5	101-24210-52703	MAINT-VEHICLES	CAR WASHES - PD	238.00
6	101-24210-53209	UNIFORMS	REIMB: COLD GEAR	111.50
7	101-24210-53209	UNIFORMS	REIMB: PANTS	136.34
8	101-24210-53211	OTHER SUPPLIES	PRISONER MEALS, ICE FOR FORTH OF JULY, BATTERIES	44.26
9	101-24210-54305	EMPLOYEE EXAMS	PSYCHOLOGICAL EXAM	725.00
		Total For Dept 24210 POLICE OPERATIONS		<u>7,429.09</u>
		Dept 24230 POLICE CRIME PREVENTION		
1	101-24230-51654	MEMBERSHIPS & SUBSCRIP	CRIME INFORMATION CENTER MEMBERSHIP	200.00
2	101-24230-52111	OTHER PROFESSIONAL SVCS	ELINEUP ANNUAL SUBSCRIPTION	350.00
3	101-24230-52111	OTHER PROFESSIONAL SVCS	INVESTIGATIVE SEARCH ENGINE	80.40
4	101-24230-52111	OTHER PROFESSIONAL SVCS	CREDIT CHECKS	163.87
5	101-24230-52111	OTHER PROFESSIONAL SVCS	INVESTIGATIVE SEARCH ENGINE	252.20
6	101-24230-53209	UNIFORMS	REIMB: BADGE HOLDER	21.95
7		Total For Dept 24230 POLICE CRIME PREVENTION		<u>1,068.42</u>
		Dept 24240 POLICE INTERGOVERNMENTAL		
1	101-24240-53209	UNIFORMS	REIMB: MOLLE, CID CLOTHING, MAG POUCH	168.14
2	101-24240-53209	UNIFORMS	REIMB: CID CLOTHING	72.25
		Total For Dept 24240 POLICE INTERGOVERNMENTAL		<u>240.39</u>
		Dept 25001 FIRE ADMINISTRATION		
1	101-25001-51654	MEMBERSHIPS & SUBSCRIP	MEMBERSHIP RENEWAL - 2025	200.00
2	101-25001-51655	EMPLOYEE RECOGNITION	HOHS RETIREMENT - BAGELS	53.97
3	101-25001-52111	OTHER PROFESSIONAL SVCS	SUPPORT AGMT 2025 - JAN	1,128.40
4	101-25001-53203	TELEPHONE & DATA SVCS	COMBINED INTERNET - DEC'24/JAN'25	2,140.43

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
5	101-25001-53203	TELEPHONE & DATA SVCS	ANALOG LINES 2025 - JAN	185.60
6	101-25001-53204	MOBILE VOICE & DATA	ICLOUD 50BG STORAGE - JAN	0.99
7	101-25001-53204	MOBILE VOICE & DATA	CELL PHONES - FIRE	35.51
8	101-25001-53208	OFFICE SUPPLIES	GLUE	3.91
9	101-25001-53209	UNIFORMS	SHIRTS - ROTSTEIN	66.00
10	101-25001-53211	OTHER SUPPLIES	SOAP	54.66
11	101-25001-53211	OTHER SUPPLIES	TOWELS, SOAP, TISSUE	288.24
12	101-25001-53211	OTHER SUPPLIES	TOWELS, TISSUE, CLEANER	259.69
13	101-25001-53405	BLDG & GROUND MAINT SUPP	WATER FILTERS	21.24
14	101-25001-56601	CAPITAL LEASE	FIRE & PD - COPIER LEASE	164.73
		Total For Dept 25001 FIRE ADMINISTRATION		4,603.37
Dept 25310 FIRE EMERGENCY MANAGEMENT				
1	101-25310-53211	OTHER SUPPLIES	EMERGENCY MANAGEMENT TENT	3,655.00
2	101-25310-53211	OTHER SUPPLIES	BLEED CONTROL KITS	983.88
		Total For Dept 25310 FIRE EMERGENCY MANAGEMENT		4,638.88
Dept 25320 FIRE FIRE SUPPRESSION				
1	101-25320-52704	MAINT-EQUIPMENT	MICROPHONES, MISC PARTS	1,151.21
2	101-25320-53209	UNIFORMS	FIRE INVESTIGATION UNIFORMS	891.32
3	101-25320-53211	OTHER SUPPLIES	REHAB SUPPLIES	3.04
		Total For Dept 25320 FIRE FIRE SUPPRESSION		2,045.57
Dept 25330 FIRE EMS				
1	101-25330-51651	LICENSING/CERTIFICATIONS	REIMB: PARAMEDIC LICENCE	41.00
2	101-25330-53211	OTHER SUPPLIES	OXYGEN RENTAL	159.18
		Total For Dept 25330 FIRE EMS		200.18

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Item	GL Number	GL Desc	Invoice Description	Amount
Dept 25340 FIRE SPECIAL RESCUE				
1	101-25340-55254	MACHINERY & EQUIPMENT	THERMAL UNDERWEAR FOR FF NEW TEAM MEMEBER	444.55
		Total For Dept 25340 FIRE SPECIAL RESCUE		444.55
Dept 25350 FIRE FIRE PREVENTION BUREAU				
1	101-25350-53211	OTHER SUPPLIES	TABLE CLOTHES	5.00
		Total For Dept 25350 FIRE FIRE PREVENTION BUREAU		5.00
Dept 28001 COMMUNITY DEVELOPMENT ADMINISTRATION				
1	101-28001-52111	OTHER PROFESSIONAL SVCS	RECORDING DOCUMENTS	313.00
2	101-28001-52113	ENGR/ARCHITECTURAL	WILDWOOD ESTATES	3,576.25
3	101-28001-52113	ENGR/ARCHITECTURAL	WILDWOOD ESTATES	4,053.25
		Total For Dept 28001 COMMUNITY DEVELOPMENT ADMINISTRATION		7,942.50
Dept 36001 PUBLIC WORKS ADMINISTRATION				
1	101-36001-51654	MEMBERSHIPS & SUBSCRIP	WEATHER SERVICE	585.00
2	101-36001-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/03	30.81
3	101-36001-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/09	30.81
4	101-36001-52602	WASTE REMOVAL	SPOIL HAULING	9,990.00
5	101-36001-52603	LAKE/WATER QUALITY MGMT	2024 NATURAL AREA; SURVEY, SUMMARY	10,500.00
6	101-36001-52701	MAINT-BLDGS & GROUNDS	UNIFORMS/MATS 01/03	59.21
7	101-36001-52701	MAINT-BLDGS & GROUNDS	UNIFORMS/MATS 01/09	95.25
8	101-36001-52701	MAINT-BLDGS & GROUNDS	PW FACILITY DORR REPLACEMENT	3,989.00
9	101-36001-52701	MAINT-BLDGS & GROUNDS	WINDOW CLEANING PD	1,490.00
10	101-36001-53209	UNIFORMS	PPE BOOTS - POPOILEK	170.95
11	101-36001-53209	UNIFORMS	PPE BOOTS - BONESTROO	218.62
12	101-36001-53209	UNIFORMS	PPE BOOTS - CREECH	261.84
13	101-36001-53209	UNIFORMS	PPE BOOTS - CUELLAR	224.04
14	101-36001-53209	UNIFORMS	PPE BOOTS - FENTON	269.93

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
15	101-36001-53209	UNIFORMS	PPE BOOTS - KRAMER	287.95
16	101-36001-53209	UNIFORMS	PPE BOOTS - MICHAELS	185.33
17	101-36001-53209	UNIFORMS	PPE BOOTS - RYAN	265.45
18	101-36001-53209	UNIFORMS	PPE BOOTS - WALKINGTON	224.93
19	101-36001-53209	UNIFORMS	PPS BOOTS - WICINSKI	170.95
20	101-36001-53209	UNIFORMS	PPE BOOTS - WICINSKI	166.45
21	101-36001-53209	UNIFORMS	CREDIT PPE BOOTS - WICINSKI	(166.45)
22	101-36001-53401	CUSTODIAL SUPPLIES	SOAP, TAPE	19.94
23	101-36001-53404	RIGHT OF WAY SUPPLIES	FORESTRY EQUIPMENT	100.78
24	101-36001-53405	BLDG & GROUNDS SUPPLIES	CEILING VENTS	68.43
25	101-36001-53405	BLDG & GROUNDS SUPPLIES	TRASH BIN	40.97
26	101-36001-53405	BLDG & GROUNDS SUPPLIES	TROFFERS	1,102.20
27	101-36001-53405	BLDG & GROUNDS SUPPLIES	SOAP, TAPE	11.98
28	101-36001-53405	BLDG & GROUNDS SUPPLIES	PAINT SUPPLIES	197.58
29	101-36001-53405	BLDG & GROUNDS SUPPLIES	PAINT SUPPLIES	52.89
30	101-36001-53405	BLDG & GROUNDS SUPPLIES	COVE MOUNTING	147.49
31	101-36001-53405	BLDG & GROUNDS SUPPLIES	505 VENTILATOR BELTS	51.52
32	101-36001-53407	EQUIP MAINT PART&SUPPLIE	BRINE PRODUCE FLOAT	53.05
Total For Dept 36001 PUBLIC WORKS ADMINISTRATION				30,896.90
Dept 36420 PUBLIC WORKS PARK MAINTENANCE				
1	101-36420-52701	MAINT-BLDGS & GROUNDS	UNIFORMS/MATS 01/09	116.38
2	101-36420-53405	BLDG & GROUND MAINT SUPP	CABINET, SHELF	451.93
3	101-36420-54306	EQUIPMENT RENTAL	PAULUS PARK PORT-O-POTTY	180.49
Total For Dept 36420 PUBLIC WORKS PARK MAINTENANCE				748.80
Dept 36420 PUBLIC WORKS PARK MAINTENANCE				
1	101-36420-53201	ELECTRICITY	7 E MAIN ST	43.37
Total For Dept 36420 PUBLIC WORKS PARK MAINTENANCE				43.37

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
Dept 36471 PUBLIC WORKS FLEET SERVICES				
1	101-36471-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/03	31.02
2	101-36471-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/09	31.02
3	101-36471-52118	SOFTWARE MAINTENANCE	INSITE PRO SOFTWARE	840.00
4	101-36471-52703	MAINT-VEHICLES	MODE DOOR REPLACEMENT	422.94
5	101-36471-52703	MAINT-VEHICLES	CAR WASH - PW	183.95
6	101-36471-52703	MAINT-VEHICLES	CAR WASH - FD	68.00
7	101-36471-53211	OTHER SUPPLIES	HARDWARE	694.37
8	101-36471-53211	OTHER SUPPLIES	PLUGS, CABLE SEALS, TERMINALS	231.39
9	101-36471-53406	AUTO PARTS & SUPPLIES	WASHER HOSE	30.00
10	101-36471-53406	AUTO PARTS & SUPPLIES	BRAKE PARTS	325.69
11	101-36471-53406	AUTO PARTS & SUPPLIES	CREDIT - CORE RETURN	(18.00)
12	101-36471-53406	AUTO PARTS & SUPPLIES	BATTERY	152.39
13	101-36471-53406	AUTO PARTS & SUPPLIES	BATTERY	161.48
14	101-36471-53406	AUTO PARTS & SUPPLIES	FILTERS	164.03
15	101-36471-53406	AUTO PARTS & SUPPLIES	BATTERIES	313.87
16	101-36471-53406	AUTO PARTS & SUPPLIES	CREDIT - CORE RETURN	(18.00)
17	101-36471-53406	AUTO PARTS & SUPPLIES	CREDIT - CORE RETURN	(36.00)
18	101-36471-53406	AUTO PARTS & SUPPLIES	CREDIT - CORE RETURN	(18.00)
19	101-36471-53406	AUTO PARTS & SUPPLIES	CREDIT - CORE RETURN	(36.00)
20	101-36471-53406	AUTO PARTS & SUPPLIES	BULBS	12.94
21	101-36471-53407	EQUIP MAINT PART&SUPPLIE	PIPE FITTINGS	29.03
22	101-36471-53407	EQUIP MAINT PART&SUPPLIE	CREDIT - CORE RETURN	(54.00)
23	101-36471-53407	EQUIP MAINT PART&SUPPLIE	BATTERY	322.96
Total For Dept 36471 PUBLIC WORKS FLEET SERVICES				3,835.08
Dept 67001 RECREATION ADMINISTRATION				
1	101-67001-53208	OFFICE SUPPLIES	PAPER, GLUE, FOLDERS, PENS, TAPE	532.26
Total For Dept 67001 RECREATION ADMINISTRATION				532.26

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
Dept 67935 RECREATION DANCE				
1	101-67935-53213	FUNDRAISING EXPENSES	APA COMPETITION - AMP CHICAGO	13,427.50
2	101-67935-53213	FUNDRAISING EXPENSES	DANCE IDOL	13,300.00
3	101-67935-53213	FUNDRAISING EXPENSES	APA COMPETITION	10,537.20
		Total For Dept 67935 RECREATION DANCE		37,264.70
Dept 67940 RECREATION PRESCHOOL				
1	101-67940-53212	PROGRAM SUPPLIES	APPLES, POSTER BOARD, PENS, FILE FOLDERS, TAPE, PICTURES	147.74
		Total For Dept 67940 RECREATION PRESCHOOL		147.74
Dept 67960 RECREATION CAMPS				
1	101-67960-52115	RECREATION PROGRAM SERVICE	CAMPDOCS SUBSCRIPTION - JAN	275.00
		Total For Dept 67960 RECREATION CAMPS		275.00
<b>Total For Fund 101 GENERAL</b>				<b>142,020.14</b>
<b>Fund 202 MOTOR FUEL TAX</b>				
Dept 36001 PUBLIC WORKS ADMINISTRATION				
1	202-36001-52701	MAINT-BLDGS & GROUNDS	MAIN ST SIGNAL MAINT	208.20
2	202-36001-53201	ELECTRICITY	STREETLIGHT ELECTRIC	636.26
3	202-36001-53201	ELECTRICITY	STREETLIGHT ELECTRIC	58.65
4	202-36001-53201	ELECTRICITY	STREETLIGHT ELECTRIC	13,898.60
5	202-36001-53201	ELECTRICITY	STREETLIGHT ELECTRIC	14,386.02
		Total For Dept 36001 PUBLIC WORKS ADMINISTRATION		29,187.73
<b>Total For Fund 202 MOTOR FUEL TAX</b>				<b>29,187.73</b>

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Item	GL Number	GL Desc	Invoice Description	Amount
Fund 207 SPECIAL EVENTS FUND				
Dept 67699 RECREATION MISC SPECIAL EVENTS				
1	207-67699-53212	PROGRAM SUPPLIES	CANDY EGGS FOR EGG HUNT FY 2025	2,899.00
		Total For Dept 67699 RECREATION MISC SPECIAL EVENTS		2,899.00
Total For Fund 207 SPECIAL EVENTS FUND				2,899.00
Fund 227 DISPATCH CENTER				
Dept 24220 POLICE DISPATCH				
1	227-24220-52118	SOFTWARE MAINTENANCE	CRITI CALL 2025 ANNUAL SOFTWARE	1,045.00
		Total For Dept 24220 POLICE DISPATCH		1,045.00
Total For Fund 227 DISPATCH CENTER				1,045.00
Fund 310 TIF #1 DEBT SERVICE				
Dept 10490 GENERAL GOVERNMENT TIF				
1	310-10490-56602	PRINCIPAL	2016A BOND - PRINCIPAL & INTEREST	715,000.00
2	310-10490-56603	INTEREST	2016A BOND - PRINCIPAL & INTEREST	53,506.25
		Total For Dept 10490 GENERAL GOVERNMENT TIF		768,506.25
Total For Fund 310 TIF #1 DEBT SERVICE				768,506.25
Fund 401 VILLAGE CAPITAL PROJECTS				
Dept 36001 PUBLIC WORKS ADMINISTRATION				
1	401-36001-55251	LAND IMPROVEMENTS	PAVING OPERATIONS	216,399.82
2	401-36001-55251	LAND IMPROVEMENTS	IDNR - OSLAD	18,026.25
		Total For Dept 36001 PUBLIC WORKS ADMINISTRATION		234,426.07
Total For Fund 401 VILLAGE CAPITAL PROJECTS				234,426.07

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Item	GL Number	GL Desc	Invoice Description	Amount
Fund 405 NHR CAPITAL PROJECTS				
Dept 36001 PUBLIC WORKS ADMINISTRATION				
1	405-36001-53417	SAND & GRAVEL	COLD PATCH	663.40
		Total For Dept 36001 PUBLIC WORKS ADMINISTRATION		663.40
Total For Fund 405 NHR CAPITAL PROJECTS				663.40
Fund 501 WATER & SEWER				
Dept 36001 PUBLIC WORKS ADMINISTRATION				
1	501-36001-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/03	29.25
2	501-36001-52111	OTHER PROFESSIONAL SVCS	UNIFORMS/MATS 01/09	29.25
3	501-36001-52602	WASTE REMOVAL	SPOIL HAULING	9,990.00
4	501-36001-53203	TELEPHONE & DATA SVCS	ANALOG LINES 2025 - JAN	168.71
5	501-36001-53203	TELEPHONE & DATA SVCS	SCADA CELLPHONE/MODEM CONNECTION - DEC	62.16
		Total For Dept 36001 PUBLIC WORKS ADMINISTRATION		10,279.37
Dept 36530 PUBLIC WORKS WATER BILLING				
1	501-36530-52111	OTHER PROFESSIONAL SVCS	WATER BILL PROCESSING - DEC 2024	599.33
2	501-36530-53206	POSTAGE & SHIPPING	WATER BILL PROCESSING - DEC 2024	2,898.60
		Total For Dept 36530 PUBLIC WORKS WATER BILLING		3,497.93
Dept 36550 PUBLIC WORKS WATER SERVICE				
1	501-36550-52113	ENGR/ARCHITECTURAL	LMW ROUTE STUDY	16,616.30
2	501-36550-52113	ENGR/ARCHITECTURAL	SUPPLY STUDY ASSESSMENT	2,023.09
3	501-36550-53201	ELECTRICITY	ELECTRICITY-WELLS/WTP'S, SANITARY PUMP/LIFT STATIONS	41,957.78
4	501-36550-53210	SMALL TOOLS & EQUIP	BOOT DRYER	107.98
5	501-36550-53211	OTHER SUPPLIES	PIPE SEALANT	43.88
6	501-36550-53413	DISTRIBUTION SYS REPAIR	VALVE BOX EXTENSIONS	486.72



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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
7	501-36550-53413	DISTRIBUTION SYS REPAIR	VALVE VAULT ADJUSTMENT RINGS	296.00
8	501-36550-53414	CHEMICALS	BULK WTR COND SALT - WELL #12	2,903.03
9	501-36550-53414	CHEMICALS	BULK WTR COND SALT - WELL #10	2,935.91
10	501-36550-53414	CHEMICALS	BULK WTR COND SALT - WELL #8	2,861.93
		Total For Dept 36550 PUBLIC WORKS WATER SERVICE		70,232.62
		Dept 36560 PUBLIC WORKS SEWER SERVICE		
1	501-36560-52111	OTHER PROFESSIONAL SVCS	GIS STAFFING SERVICES	9,585.18
2	501-36560-53201	ELECTRICITY	ELECTRICITY VACUUM PRIMING STRUCTURES	30.55
3	501-36560-53201	ELECTRICITY	ELECTRICITY/SANITARY FLOW CONTROL	52.92
4	501-36560-53201	ELECTRICITY	ELECTRICITY-WELLS/WTP'S, SANITARY PUMP/LIFT STATIONS	5,100.04
5	501-36560-53210	SMALL TOOLS & EQUIP	SCISSORS/LIFT STATION TOOLS	47.88
6	501-36560-53211	OTHER SUPPLIES	GAS MONITOR & DOCKING STATION REPAIR	494.00
		Total For Dept 36560 PUBLIC WORKS SEWER SERVICE		15,310.57
		<b>Total For Fund 501 WATER &amp; SEWER</b>		<b>99,320.49</b>
		<b>Fund 603 RISK MANAGEMENT</b>		
		Dept 10001 GENERAL GOVERNMENT ADMINISTRATION		
1	603-10001-52114	LIABILITY INSURANCE CLAIMS	DEER V. SQUAD REPAIRS	175.00
2	603-10001-52510	RISK MANAGEMENT INSURANC	2025 IRMA INSURANCE CONTRIBUTION	1,578,476.00
		Total For Dept 10001 GENERAL GOVERNMENT ADMINISTRATION		1,578,651.00
		<b>Total For Fund 603 RISK MANAGEMENT</b>		<b>1,578,651.00</b>
		<b>Fund 710 PERFORMANCE ESCROW</b>		
		Dept 00000		
1	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0553 - 833 WINDEMERE LN	500.00
2	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0515 - 956 MARCH ST	500.00

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
3	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD23-0429 - 500 ELA RD	155.00
4	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0509 - 1417 CHESWICK LN	500.00
5	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0626 - 355 KIM TRL	300.00
6	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0602 - 710 TRAILSIDE	500.00
7	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0019 - 931 INTERLAKEN DR	500.00
8	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0599 - 365 SURRYSE #140	1,000.00
9	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0345 - 800 CHURCH ST	1,000.00
10	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0536 - 258 CLAIR VIEW	1,020.00
11	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0502 - 1215 BERKLEY	500.00
12	710-00000-25201	BUILDING PERMIT DEPOSITS	BOND REF #BBD24-0086 - 1215 WILLIAM DR	500.00
		Total For Dept 00000		6,975.00
		<b>Total For Fund 710 PERFORMANCE ESCROW</b>		<b>6,975.00</b>
		<b>Fund 720 PAYROLL CLEARING</b>		
		Dept 00000		
1	720-00000-22404	SUPPLEMENTAL LIFE INS PAYABLE	GROUP LIFE INSURANCE - JAN	172.00
		Total For Dept 00000		172.00
		<b>Total For Fund 720 PAYROLL CLEARING</b>		<b>172.00</b>
		<b>Fund 731 SSA #8 HEATHERLEIGH SUBDV</b>		
		Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY		
1	731-10099-52603	LAKE/WATER QUALITY MGMT	NATURAL AREA; SURVEY, SUMMARY SSA 8	1,200.00
		Total For Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY		1,200.00
		<b>Total For Fund 731 SSA #8 HEATHERLEIGH SUBDV</b>		<b>1,200.00</b>

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Item	GL Number	GL Desc	Invoice Description	Amount
Fund 732 SSA #9 WILLOW PONDS SUBDV				
Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY				
1	732-10099-52603	LAKE/WATER QUALITY MGMT	NATURAL AREA; SURVEY, SUMMARY SSA 9	1,000.00
		Total For Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY		1,000.00
Total For Fund 732 SSA #9 WILLOW PONDS SUBDV				1,000.00
Fund 734 SSA #11 LZ PINES SUBDV				
Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY				
1	734-10099-52603	LAKE/WATER QUALITY MGMT	NATURAL AREA; SURVEY, SUMMARY SSA 11	1,000.00
		Total For Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY		1,000.00
Total For Fund 734 SSA #11 LZ PINES SUBDV				1,000.00
Fund 735 SSA #13 CONVENTRY CRK SUB				
Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY				
1	735-10099-52603	LAKE/WATER QUALITY MGMT	NATURAL AREA; SURVEY, SUMMARY SSA 13	1,200.00
		Total For Dept 10099 GENERAL GOVERNMENT SSA ACTIVITY		1,200.00
Total For Fund 735 SSA #13 CONVENTRY CRK SUB				1,200.00

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<i>Item</i>	<i>GL Number</i>	<i>GL Desc</i>	<i>Invoice Description</i>	<i>Amount</i>
<b>Fund Totals:</b>				
			Fund 101 GENERAL	142,020.14
			Fund 202 MOTOR FUEL TAX	29,187.73
			Fund 207 SPECIAL EVENTS FUND	2,899.00
			Fund 227 DISPATCH CENTER	1,045.00
			Fund 310 TIF #1 DEBT SERVICE	768,506.25
			Fund 401 VILLAGE CAPITAL PROJECTS	234,426.07
			Fund 405 NHR CAPITAL PROJECTS	663.40
			Fund 501 WATER & SEWER	99,320.49
			Fund 603 RISK MANAGEMENT	1,578,651.00
			Fund 710 PERFORMANCE ESCROW	6,975.00
			Fund 720 PAYROLL CLEARING	172.00
			Fund 731 SSA #8 HEATHERLEIGH SUBDV	1,200.00
			Fund 732 SSA #9 WILLOW PONDS SUBDV	1,000.00
			Fund 734 SSA #11 LZ PINES SUBDV	1,000.00
			Fund 735 SSA #13 CONVENTRY CRK SUB	1,200.00
PRIOR YEAR 2024	\$	442,304.85		
CURRENT YEAR 2025	\$	2,425,961.23		
		<u>\$ 2,868,266.08</u>		<u>\$ 2,868,266.08</u>

*At the Heart of Community*

## PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

## MEMORANDUM

**Date:** January 6, 2025  
**To:** Ray Keller, Village Manager *RK*  
**From:** Steve Schmitt, Utilities Superintendent  
**Copy:** Michael J. Brown, Public Works Director  
**Subject:** Purchase of Bulk Water Conditioning Salt

AGENDA ITEM

*Ed*

**Issue:** The Village's contract with Midwest Salt for bulk water conditioning salt expired on December 31, 2024. The 2024 contract price was \$137.00 per ton, for controlled dump or pneumatic delivered. Water conditioning salt, purchased in bulk, is used during the regeneration process of the Ion Exchange filter resin at the Village's five water treatment plants. Four of our water treatment plants require a controlled dump delivery method and one requires the pneumatic delivery method.

**Analysis:** As in years past, staff solicited the bulk water conditioning salt suppliers in the area. Listed below are bid unit prices per ton effective January 1, 2025 to December 31, 2025.

1. **Midwest Salt** - \$126.00 per ton (Solar or Rock Salt), controlled dump or pneumatic delivered.
2. **Compass Minerals** - \$127.00 per ton (Rock Salt) and \$132.48 per ton (Sorted Rock Salt), controlled dump or pneumatic delivered.
3. **Cargill Salt** - \$178.00 per ton (Solar Salt), controlled dump or pneumatic delivered.
4. **Morton Salt** - \$180.62 per ton (Sorted Rock Salt), controlled dump delivery and \$191.39 per ton (Sorted Rock Salt), pneumatic delivered.
5. **U.S. Salt** - Declined to bid (no response to solicitation).

Based on past water production trends, the total estimated amount of salt needed for the Village's five Ion Exchange Water Treatment Plants between January 1, 2025 and December 31, 2025 is 1000 to 1200 tons.

The FY 2025 budget includes \$172,700 for this commodity purchase.

***Village Strategic Plan:*** This agenda item is consistent with the following Goals and Objectives of the Strategic Plan.

- *Infrastructure: Ensure a sustainable, healthy and economical water source for current and future Lake Zurich residents.*

**Recommendation:** Approve the unit price quote from Midwest Salt of \$126.00 per ton, controlled dump or pneumatic delivered, for the period effective January 1, 2025 to December 31, 2025.

**W/Attachments:**

Midwest Salt Quote #2133725000096021096 (1 page)  
 Compass Minerals Quote #00017143 dated 12/19/24 (3 pages)  
 Cargill Salt Quote (received via email 12/20/24) (1 page)  
 Morton Salt Quote (dated 12/31/24) (1 page)



1300 W. Washington St.  
West Chicago, IL 60185  
Phone: 630-513-7575 - Fax: 630-513-8546  
www.MidwestSalt.com

# Quote

Valid Till: Dec 31, 2025

Quote Number: 2133725000096021096

<b>BILL TO:</b> Village of Lake Zurich 505 Telser Road Lake Zurich, IL, 60047	<b>SHIP TO:</b> Village of Lake Zurich 505 Telser Road Lake Zurich, IL 60047
--	---

**Contact Name:** Steve Schmitt  
**Contact Phone:** 847-540-1696 Ext.8006  
**Contact Email:** steve.schmitt@lakezurich.org  
**Contact Fax:** 847-726-2182

**Sales Person:** Jason Kane  
**Sales Person Phone:** 630-206-4434  
**Sales Person Email:** jason.kane@midwestsalt.net  
**Payment Terms:** Net 30

S.No.	Product Details	Qty	Unit Price	Sales Tax	Total
1	<b>MVP - Industrial Southern 986CM</b> Spec Provided.	1100	\$ 126.00	\$ 0.00	\$ 138,600.00
	Based on 1000-1200 annual tons +/- 50 either side.				
	Delivery Via Control flow dump truck or Pneumatic				
	from time to time we need the ability to deliver around 4pm, can we drop a scale ticket. If you need somebody there, or not we can come up with a method to leave tickets behind, lock box for opening the lock etc.				
2	<b>MVP - Ind. Coarse Solar- 991</b> Bulk NSF water conditioning salt 99.1% ave NaCl purity Specification and SDS sheets available upon request	1100	\$ 126.00	\$ 0.00	\$ 138,600.00

Alternately used for this period or contract term of FY 2024.

## Terms and Conditions

- Prices do not include applicable sales tax. If your company is sales tax exempt, submit a current tax-exempt certificate to CustomerService@MidwestSalt.net. Any sales that occur prior to receiving the certificate would be subject to your state's sales tax law.
- Credit terms may be established, length of terms are dependent on application process. For a credit application please contact your Midwest Salt sales representative. You can submit completed applications to CustomerService@MidwestSalt.net.
- Prior to credit approval, we accept cash, check, ACH, wire transfer or credit card. Payment will be required before the product can be released or shipped.
- Rates quoted are honored through quote "Valid Till" date, after which the rate would be reviewed and resubmitted.
- Modifications to delivery may be subject to additional fees including but not limited to:
  - a. Detention \$100.00 per hour after 1 hour of waiting
  - b. Washout \$250.00
  - c. Return Full Load, 75% of per ton rate
  - d. Return Partial Load, 50% of per ton rate
  - e. Diversion/Reroute deliver, \$150.00 plus applicable rate per mile



Compass Minerals  
 9900 W. 109<sup>th</sup> Street, Suite 100  
 Overland Park, KS 66210  
 www.compassminerals.com  
 913-344-9200

# Price Quotation

Quote Number 00017143  
 Created Date 12/19/2024  
 Quote Expiration Date 1/18/2025

Prepared By Bruce Jardon  
 Email jardonb@compassminerals.com

## Contact/Company Information

Name	BRUCE JARDON	Shipping Name	VILLAGE OF LAKE ZURICH
Billing Name	VILLAGE OF LAKE ZURICH	Ship-To #	507719
Bill-To #	64263	Ship To	140 S RAND RD
Bill To	ATTENTION ACCOUNTS PAYABLE 70 E MAIN ST LAKE ZURICH, Illinois 60047 United States		LAKE ZURICH, Illinois 60047 United States

## Pricing

Effective Start Date 1/1/2025

Effective End Date 12/31/2025

Product	SKU	Sourcing Location	Freight code	Price	UOM
BULK COARSE LA ROCK	762726	CHICAGO PLANT	PPD	\$127.00 USD	TN
COARSE ROCK SALT	614002	CHICAGO PLANT	PPD	\$132.48 USD	TN

\*\* Price does not include Fuel Surcharge

## Quote Acceptance Terms

Signature .....  
 Name .....  
 Title .....  
 Date .....

## Terms and Conditions

### Terms and Conditions of Sale

1. PARTIES: "Seller" is identified in the "Remit To", "From", or similar section of the invoice, quotation, order or similar document issued by Seller to which these Terms and Conditions of Sale relate or are attached, or "Seller" is as otherwise defined in such document. "Buyer" is identified in the "Sold To" or similar section of the invoice, quotation, order or similar document issued by Seller to which these Terms and Conditions of Sale relate or are attached. "Product" is described and identified in the invoice, quotation, order or similar document issued by





Compass Minerals  
 9900 W. 109<sup>th</sup> Street, Suite 100  
 Overland Park, KS 66210  
[www.compassminerals.com](http://www.compassminerals.com)  
 913-344-9200

Seller to which these Terms and Conditions of Sale relate or are attached. All applicable invoices, orders, quotations and these Terms and Conditions of Sale are referred to collectively as this "Agreement".

2. **OFFER.** No terms in Buyer's bid, purchase order or other form shall be binding upon Seller. Seller rejects additional/different terms in such Buyer's documents. SELLER'S OFFER IS EXPRESSLY LIMITED TO AND CONDITIONED UPON BUYER'S ACCEPTANCE OF THIS AGREEMENT.
3. **PRICES; TAXES.** EXCEPT AS OTHERWISE SPECIFIED IN THIS AGREEMENT, PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. AMOUNTS DUE WILL BE INVOICED, UNLESS OTHERWISE SPECIFIED IN THIS AGREEMENT, AT SELLER'S PRICE IN EFFECT ON THE SCHEDULED DATE OF SHIPMENT. Prices on the invoicing document are net of all applicable discounts and promotional allowances. References to "tons" mean short tons (2000 lbs.) unless otherwise specified. Any tax or other governmental charges now or hereafter levied upon production, severance, manufacture, delivery, storage, consumption, sale, use or shipment of the Product are not included in Seller's price and Buyer is solely responsible for all such taxes and charges.
4. **CANCELLATION.** Orders, deliveries and pick-ups may be canceled by Buyer only upon: (a) written or oral notice to Seller and accepted in writing by Seller, and (b) payment to Seller of reasonable cancellation charges to be solely determined by Seller.
5. **PAYMENT; CREDIT; PAST DUE ACCOUNTS.** Buyer will make payment to Seller at the time and in the currency specified on Seller's quotation or invoicing document. Seller may, in its sole judgment, require such other payment terms as Seller deems appropriate, including full or partial payment in advance of shipment or by letter of credit. Credit payment terms must have the prior approval of Seller's Credit Department and must be specified in writing on Seller's invoicing document. Whenever reasonable grounds for insecurity arise with respect to due payment from Buyer or with respect to Buyer's financial condition generally, Seller reserves the right to stop shipment on notification to Buyer and to demand payment in advance or at the time of delivery or pick-up or require reasonable assurance of payment, and in the absence thereof, to cancel, without liability, further deliveries of the Product. A finance charge of the lesser of 1.5% per month (18% - APR) or the highest rate permitted by law will be assessed on all past due accounts. Interest charged on a past due invoice will be assessed from the date of the invoice. Amounts owed by Buyer for which there is no dispute will be paid without set-off for any amounts that Buyer may claim are owed by Seller. Buyer agrees to reimburse Seller for all attorney fees and court costs in connection with default of these payment terms by Buyer.
6. **DELAYS.** All orders, deliveries and pick-ups are subject to Seller's ability to make the Product available at the time and in the quantities specified, and Seller shall not be liable for damages for failure to make the Product available in whole or in part or at any specific time. Seller shall not be liable for delays or defaults in delivery or making the Product available for pick-up caused by forces or events not reasonably within Seller's control (such forces and events include, without limitation, delays or defaults by carriers; extreme cold weather; partial or total failure of Seller's intended production; transportation or delivery facilities; floods, fires, storms, or other acts of God; war, an act of public enemy, or civil disturbance; strikes; lock-outs; shortages of labor or raw materials and supplies (including fuel); acts or omissions of Buyer; action of any governmental authority; or any other force majeure event). Buyer shall be liable for any added expenses incurred by Seller because of Buyer's delay in furnishing requested information to Seller, delays resulting from changes requested by Buyer, or delay in unloading shipments at the delivery point that are the fault of Buyer.
7. **SHIPMENT COSTS/TRANSPORTATION MATTERS.** Unless otherwise specified on Seller's invoicing document, all transportation charges, including, without limitation, Seller's and carrier's charges for notification prior to delivery, demurrage, switching, detention, delay in unloading, diversion, or reconsignment shall be the sole responsibility of Buyer. Buyer will assume title and risk of loss concurrently in accordance with Seller's invoicing document. ON PASSAGE OF TITLE, BUYER IS THEN RESPONSIBLE FOR PROPER PROTECTION OF THE PRODUCT AND COMPLIANCE WITH ALL LAWS, RULES AND REGULATIONS APPLICABLE TO THE STORAGE, USE, AND HANDLING OF THE PRODUCT AND WILL INDEMNIFY SELLER AGAINST ALL CLAIMS FOR PERSONAL INJURIES OR PROPERTY DAMAGE ARISING FROM THE STORAGE, USE OR HANDLING OF THE PRODUCT. Claims for damage or shortage in transit must be made by Buyer against the carrier. Buyer has the responsibility to inspect shipments before or during unloading to identify any such damage or shortage and see that appropriate notation is made on the delivery tickets or an inspection report furnished by the local agent of the carrier in order to support a claim. If railcars are used to deliver the Products, upon transfer of the Product's risk of loss to Buyer, Buyer is solely responsible for the care, condition, damage or loss of railcars until the railcars are released empty by Buyer to the rail carrier. Without Seller's prior written approval, neither Buyer nor any of its employees or agents will divert or export any such railcar to anywhere outside the continental U.S. Even with such approval, Buyer remains fully responsible for and shall promptly reimburse Seller for all claims, losses, costs, expenses, liabilities, penalties, demands and taxes directly caused by or incidental to such use of the railcars by Buyer.
8. **WARRANTY/TIME FOR MAKING CLAIMS.** Seller warrants only that it will convey good title to the Product Buyer receives and that, at the time of shipment, the Product will conform to the published specifications of Seller. Seller's specifications are subject to change at any time without notice to Buyer. NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE BY SELLER AND SELLER HEREBY DISCLAIMS ALL SUCH OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. Buyer must notify Seller of any claim with respect to the Product, the warranty, or any other claim under this Agreement within thirty (30) days of receipt of the Product or such claim is waived. In the event of an alleged breach hereof by Seller, the sole remedy available to Buyer on account of any defect in the Product shall be limited to the replacement of such defective Product by Seller. In the event the remedy provided herein shall be deemed to have failed its essential purpose, then Buyer shall be entitled only to a refund of the amounts paid to Seller attributable to such defective Product that Buyer receives. Subject to the notification of claim provision above, no action for breach of the contract for sale or otherwise with respect to the Product will be commenced more than one (1) year after such cause of action accrues.
9. **LIMITATION OF LIABILITY.** TO THE FULLEST EXTENT PERMITTED BY LAW, SELLER'S LIABILITY FOR ANY CLAIM ARISING



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UNDER OR IN CONNECTION WITH THIS AGREEMENT WILL BE LIMITED TO THE NET PURCHASE PRICE ACTUALLY PAID TO SELLER ATTRIBUTABLE TO THE PRODUCT INVOLVED. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES FOR ANY CLAIM, EVEN IF SUCH CLAIM IS THE RESULT OF SELLER'S OWN NEGLIGENCE. Buyer assumes all risks and liability for any damage, loss, or penalty resulting from the use of the Product delivered hereunder in manufacturing processes of Buyer or in combination with other substances or otherwise.

10. INDEMNIFICATION. TO THE FULLEST EXTENT PERMITTED BY LAW, BUYER SHALL INDEMNIFY, HOLD HARMLESS AND DEFEND SELLER AND ITS AFFILIATES AND THEIR RESPECTIVE PRESENT OR FUTURE EMPLOYEES, OFFICERS, DIRECTORS, SHAREHOLDERS, INSURERS, AGENTS AND REPRESENTATIVES (COLLECTIVELY, "INDEMNIFIED PARTIES"), FROM ALL CLAIMS, LIABILITIES, DAMAGES, DEATH (INCLUDING, WITHOUT LIMITATION, DEATH OF SELLER'S EMPLOYEES), SUITS, PROCEEDINGS, COSTS AND EXPENSES (INCLUDING, WITHOUT LIMITATION, REASONABLE ATTORNEYS' FEES), FINES, AND PENALTIES (COLLECTIVELY, "LOSSES"), IN CONNECTION WITH THIS AGREEMENT REGARDLESS OF CAUSE ("BUYER'S INDEMNIFICATION OBLIGATION"). TO THE FULLEST EXTENT PERMISSIBLE BY LAW, BUYER'S INDEMNIFICATION OBLIGATION APPLIES EVEN IF LOSSES ARE THE RESULT OR ALLEGED RESULT OF THE NEGLIGENCE, ACTIVE OR OTHERWISE, OF THE INDEMNIFIED PARTIES.

11. SECURITY INTEREST. Buyer grants to Seller, and Seller retains, a security interest in the Product and the proceeds thereof, until the purchase price therefor is fully paid. Seller may file any financing statements and give notice of such security interest to third parties as Seller may determine to be necessary to perfect such security interest.

12. VALID CONTRACT. Buyer warrants and represents that (a) this Agreement is a valid and enforceable contract, (b) proper authorization has been obtained for Buyer to enter into this Agreement, and (c) each individual executing this Agreement on behalf of Buyer is properly authorized to bind Buyer to the terms of this Agreement. Buyer agrees that Seller negotiated and dealt with Buyer in good faith in entering into this Agreement, and that the Product price determined by this Agreement is fair and reasonable. Payment for Products received through the notice date will not limit, in any respect, Seller's ability to recover additional amounts from Buyer for damages incurred as a result of Buyer's breach of this Agreement or the warranties and representations made by Buyer in this Agreement.

13. PROCUREMENT AND BIDDING. Buyer warrants and represents that Buyer has fully complied with all procurement and bidding laws, rules, regulations and procedures, if applicable. In the event Buyer claims that this Agreement, the underlying transaction or any provision thereof is invalid or void due to Buyer's failure to comply with any applicable requirements under state or local laws related to procurement or bidding, or in the event Buyer fails to obtain any authorization required to enter into this Agreement, Buyer agrees that it will timely submit payment, at the price stated in this Agreement, for all Products received through and including the date that it provides written notice to Seller of such failure. In the event that Buyer provides written notice to Seller of failure to comply with applicable laws related to procurement or bidding, or in the event Buyer fails to obtain any authorization required to enter into this Agreement, the parties agree that Seller will immediately cease performing under this Agreement and will provide Buyer with no further Products unless and until both parties agree in a writing separate from this Agreement.

14. EXPORT CONTROLS AND REGULATION: With regard to any Product that is of U.S. origin, Buyer acknowledges that export or reexport of any product provided by Seller is subject to U.S. export regulations. Buyer represents and warrants that it is not on, or associated with any organization on the U.S. Department of Commerce's Bureau of Industry and Security's Denied Persons List or Unverified List; or any prohibited party list maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control, the U.S. Department of Commerce, or the U.S. Department of State. Buyer shall not export or reexport any Compass Minerals products to any prohibited party or to any restricted country.

15. LEGAL COMPLIANCE. Buyer and its employees, representatives, and agents will: (a) comply with all applicable federal, state, provincial, local and foreign laws and regulations of any governments, governmental bodies or regulatory agencies including, without limitation, export control laws, the U.S. Foreign Corrupt Practices Act and the U.S. Patriot Act, as amended from time to time (collectively, the "Laws"); (b) will not subject Seller to any claim, penalty or loss of benefits under the Laws; and (c) will cooperate with Seller in any audit or inspection relating to the Laws. Upon Seller's request, Buyer will deliver a certificate to Seller in a form provided by Seller, certifying such matters as requested by Seller, as required by the Laws, or pertaining to Buyer's intended use of the Product as represented to Seller.

16. MISCELLANEOUS. Matters arising out of or in connection with this Agreement or a sale contemplated in connection with this Agreement will be governed by the laws of the state of Kansas, USA without regard to conflicts of law rules, and Buyer and Seller consent to the jurisdiction of Johnson County, Kansas courts. The United Nations Convention on the International Sale of Goods shall not apply to the transactions under this Agreement. The parties have expressly required that this Agreement and all documents and notices relating hereto be drafted in English. Buyer shall not assign this Agreement without Seller's prior written consent. This Agreement constitutes the entire agreement regarding the subject matter hereof; no modification may be made, unless in writing and signed by the parties; and no acknowledgment or acceptance of Buyer's purchase order or other forms containing different, additional, or conflicting terms shall have force or effect. Seller's failure to enforce any provision of this Agreement will not be a waiver of its right to enforce such provision or any other provision then or thereafter. Any provision intended to survive including, without limitation, Sections 7 through 15 (inclusive), shall survive this Agreement's termination or expiration and the consummation of the transactions contemplated hereunder. In the event any provision or part of this Agreement is found to be invalid or unenforceable by a court of competent jurisdiction, only that particular provision or part so found, and not the entire Agreement, will be inoperative.



## Cargill, Incorporated – Salt

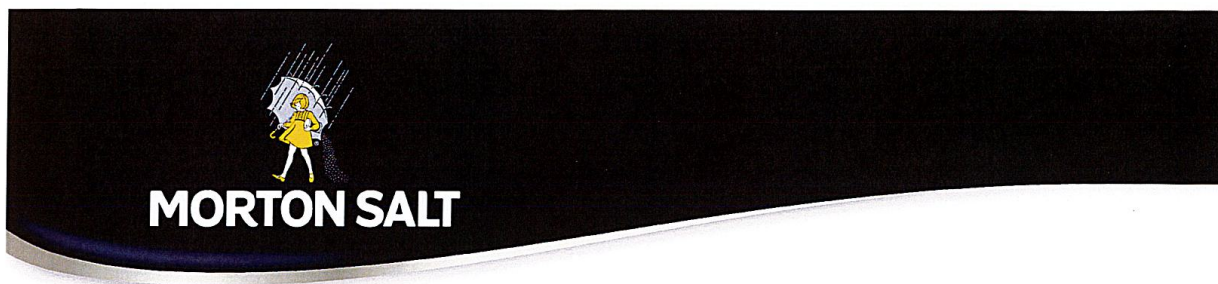


QUOTE PREPARED FOR		QUOTE PREPARED BY		QUOTE INFORMATION	
MUNICIPAL HARDNESS		Cargill, Incorporated – Salt		Salt Customer Service@cargill.com 800-377-1017 www.cargillsaltstore.com	
Company		Company		Customer Care Information	
Account Number		Contact		Salt Store Website	
1500025681		Tisha Brown		Terms	
Contact		Phone		Quote Expiration	
Phone		(316) 238-3912		10/Jan/2025	
Email		Email		This Price Quote becomes ineffective after the Quote Expiration date listed above if not accepted by the Customer before then.	
Notes		tisha_brown@cargill.com		Cargill Salt further reserves the right to terminate this price quote at any time prior to acceptance by Customer.	
				Fuel Surcharge	
				No	

## Quote Details

CARGILL MATERIAL DESCRIPTION (NUMBER)	CUSTOMER MATERIAL DESCRIPTION (NUMBER)	CUSTOMER PRICE	UNIT OF MEASURE	CARGILL PLANT	INCOTERMS	VALID FROM/VALID TO
KD CRSE SO BULK NSF#60 (100011143)		\$178.0000	ST	BUFFALO US CS (1ADD)	FOB DESTINATION PREPAID (DLD)	01/Jan/2025 / 31/Dec/2025

Terms and Conditions can be found at <http://www.cargill.com/salt/cargillgroup/public%40cargill%40salt/documents/document/rn3011411.pdf> or [www.cargillsalt.com](http://www.cargillsalt.com) search "Terms"  
For bagblock pallet configurations, please visit <https://www.cargillsaltstore.com/quality/Documents/level-sheet>



December 31, 2024

Village of Lake Zurich  
Utilities Superintendent  
505 Telser Road  
Lake Zurich, IL 60047

SUBJECT: Bulk White Crystal Coarse Southern Rock Salt  
OPENING: 1/3/25 @ 10:00AM

Dear Sir/Madam:

In response to your request, we are pleased to quote as follows:

**MORTON BULK WHITE CRYSTAL COARSE SOUTHERN ROCK SALT-**

24-ton minimum pneumatic truck delivery----- \$191.39 per ton

24-ton minimum flow-controlled dump delivery----- \$180.62 per ton

Delivery: 5 BUSINESS DAYS ARO

For ordering: 844.410.0513

Sales Rep: Lisa Petramala 312-807-2887

If accepted, you may consider the prices quoted herein firm 01/01/25 thru 12/31/25

Terms of payment are Net 30 days.

All prices quoted herein are subject to acceptance within 30 days and shall be deemed automatically to have been withdrawn if, by the end of that period, no award has been made. If and when awards are made to any other bidder or bidders, the prices and provisions quoted herein shall be deemed automatically to have been withdrawn with respect to such Items and/or destinations as have been awarded to another bidder or bidders.

We sincerely appreciate the opportunity to offer this quotation and trust that you will permit us to serve your requirements.

*Gary J. Batuska*

Gary Batuska  
Director, B2B Sales

444 West Lake Street, Suite 2900  
Chicago, IL 60606

TEL 312.807.2000  
WEB [mortonsalt.com](http://mortonsalt.com)

**MORTON SALT, INC.**

*At the Heart of Community*

## PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

## MEMORANDUM

**Date:** January 6, 2025  
**To:** Ray Keller, Village Manager *PK*  
**From:** Steve Schmitt, Utilities Superintendent  
**Copy:** Michael J. Brown, Public Works Director  
**Subject:** Annual H2S Reduction Program

**Issue:** Hydrogen Sulfide (H<sub>2</sub>S) is a gas that commonly forms in sanitary sewers and dissolves in the sewer stream to form sulfuric acid, which is very corrosive to certain materials such as concrete and steel and can destroy the components of a collection system rapidly. For the past several years, we have implemented a program to feed a proprietary chemical blend from State Industrial Products to reduce and control the formation of H<sub>2</sub>S at the Northwest and Quentin Road sanitary sewer pump stations. Monitoring results of H<sub>2</sub>S levels confirm the effectiveness of the program thereby slowing down the pace of the corrosion and extending the life of our sanitary sewer infrastructure. The FY 2025 budget includes \$66,856 for an H<sub>2</sub>S reduction program.

**Background:** In 2012 and 2015, portions of the concrete sewer transmission main beneath Cuba Road in Long Grove collapsed prompting emergency repairs. The Village issued bonds in 2014 for rehabilitation and lining a portion of the sewer transmission main, and retained American Infrastructure Technologies (AIT) to evaluate the sewer. In August 2015, AIT's report presented to the Village Board included a recommendation to consider introducing a chemical additive to the waste stream that would reduce the production of hydrogen sulfide and slow down the pace of corrosion.

**Analysis:** Traditionally, chemicals such as calcium nitrate or potassium permanganate have been used in wastewater treatment to neutralize H<sub>2</sub>S for odor control but these chemicals are expensive and have limitations when used independently. In our efforts to find a more cost effective approach, we discovered an alternative technique that feeds a blend of bacteria. This blend of bacteria (good) competes for the same food source as the bacteria (bad) that creates the H<sub>2</sub>S ultimately eliminating the (bad) bacteria and the H<sub>2</sub>S byproduct. Once the (bad) bacteria is under control, the (good) bacteria continues to be fed at a reduced rate providing us a cost savings over

AGENDA ITEM

*6e*



the traditional method use of other chemicals. A pilot test and trial program was conducted in 2018 at the Quentin Road Pump Station with two proprietary bacterial products, Pit Raider and NutriPro from State Industrial Products. The results of the pilot test and trial program led to the implementation of an annual program for the past 6 years. Results of monitoring in 2024 indicate H2S concentrations continue to be much less than the average H2S level occurring prior to the pilot test and trial program. State Industrial Products has provided a proposal for 2025 to continue to provide their proprietary Pit Raider and NutriPro products in a monthly program for the Northwest & Quentin Road Pump Stations that includes the chemical feed equipment and periodic H2S testing for \$5,460.00 per month. The 2025 proposal reflects an increase of 2.9% (\$1848) above the 2024 cost but staff is pleased with the results of previous years' programs and believes that continuing with an annual H2S reduction program is an effective approach for controlling H2S to protect and extend the life of our sanitary sewer infrastructure.

**Village Strategic Plan:** This agenda item is consistent with the following Goals and Objectives of the Strategic Plan.

- *Infrastructure: Develop a formalized, long-range sanitary sewer system improvement plan.*

**Recommendation:** Authorize staff to enter into a one (1) year program with State Industrial Products for the Quentin Road and Northwest Pumping Stations in an amount not-to-exceed \$65,520.00

**W/Attachments:**

1. Program Agreement (each) for Quentin & Northwest Pump Stations (2 pages).



## United States Program Agreement

Care for Work Environments®

<b>Customer Number:</b>	796946	<b>Sales Code:</b>	90101176
<b>Customer Name:</b>	Lake Zurich Waste Water	<b>Customer Contact:</b>	Steve Schmitt
<b>Address:</b>	505 Telser Road	<b>Customer Telephone:</b>	847-550-1773
<b>City, State, Zip:</b>	Lake Zurich, IL 60046	<b>Invoice Recipient Email:</b>	Steve.schmitt@lakezurich.org

### Agreement

This Agreement, between Lake Zurich Waste Water ("Customer") and State Industrial Products Corp. ("State"), is effective for an initial period of 1 year(s) from the date of acceptance by State ("initial Term"). This Agreement will automatically renew for successive one (1) year Terms following the initial Term ("renewal Term(s)") unless terminated as set forth below.

- 1) Customer agrees to subscribe to the "Program" set forth below.
- 2) Customer shall be responsible for the proper storage and maintenance of Products and Dispensers. Damaged or lost Dispensers provided under this Agreement will be charged to the Customer at the then current list price. Defective Dispensers will be repaired or replaced by State, at State's sole discretion.
- 3) State will provide Dispenser installation, set-up and Dispenser maintenance, including replacement of wearable parts, during the initial Term or, any renewal Term of this Agreement.
- 4) The Agreement fee includes freight for delivery of Dispensers and Products.
- 5) The Agreement includes only the leased Dispensers, Products and Services listed in the Program below. Additional Dispensers, Products and Services must be purchased separately. State retains title to Dispensers at all times.
- 6) This Agreement may be discontinued by either party with 30 days advance written notice. E-mail [AgreementMaintenance@StateIndustrial.com](mailto:AgreementMaintenance@StateIndustrial.com) directly for cancellations.
- 7) Customer agrees that upon termination of this Agreement for any reason, Customer will return Dispensers, as directed by State, in the same condition as when received, except for reasonable wear and tear. Returns must be made within 45 days of the cancellation date. Failure to return Dispensers within 45 days, in reusable condition, will result in Customer being invoiced for Dispensers at the then current list price. State shall have the right to enter onto Customer's property to recover Dispensers not returned.
- 8) If this Agreement is discontinued prior to the end of the initial Term, Customer agrees to be charged 15% of all remaining Fees for the balance of the initial term.
- 9) Fees will not increase during the initial Term. Upon renewal, increases shall not exceed 3% and will only be adjusted on the anniversary date. This Agreement may be assigned by State but shall not be assignable by Customer.

### Program

Type	<input type="checkbox"/> One Solution™ <input type="checkbox"/> 24/7™ <input type="checkbox"/> Air Care <input type="checkbox"/> Hand Care <input type="checkbox"/> Fresh Zone™ <input checked="" type="checkbox"/> Waste Water		
Dispensers	2 Variable Speed Pumps (FREE)		
Products	6- 55GL Drums PitRaider, 9- 55GL Drums NitroPro		
Services	Free Installation, Free Service, Free Reports		
Fees	\$1,960	Paid:	<input type="checkbox"/> Quarterly <input type="checkbox"/> Every Other Month <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Payment by Credit Card

### Acceptance

	Accepted by State	Accepted by Customer
Accepted by (signature)		
Printed Name	Jay Mann	
Title	Account Manager	
Acceptance Date		



## United States Program Agreement

Care for Work Environments®

<b>Customer Number:</b>	796946	<b>Sales Code:</b>	90101176
<b>Customer Name:</b>	Lake Zurich Waste Water	<b>Customer Contact:</b>	Steve Schmitt
<b>Address:</b>	505 Telser Road	<b>Customer Telephone:</b>	847-550-1773
<b>City, State, Zip:</b>	Lake Zurich, IL 60046	<b>Invoice Recipient Email:</b>	Steve.schmitt@lakezurich.org

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- 3) State will provide Dispenser installation, set-up and Dispenser maintenance, including replacement of wearable parts, during the initial Term or, any renewal Term of this Agreement.
- 4) The Agreement fee includes freight for delivery of Dispensers and Products.
- 5) The Agreement includes only the leased Dispensers, Products and Services listed in the Program below. Additional Dispensers, Products and Services must be purchased separately. State retains title to Dispensers at all times.
- 6) This Agreement may be discontinued by either party with 30 days advance written notice. E-mail [AgreementMaintenance@StateIndustrial.com](mailto:AgreementMaintenance@StateIndustrial.com) directly for cancellations.
- 7) Customer agrees that upon termination of this Agreement for any reason, Customer will return Dispensers, as directed by State, in the same condition as when received, except for reasonable wear and tear. Returns must be made within 45 days of the cancellation date. Failure to return Dispensers within 45 days, in reusable condition, will result in Customer being invoiced for Dispensers at the then current list price. State shall have the right to enter onto Customer's property to recover Dispensers not returned.
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- 9) Fees will not increase during the initial Term. Upon renewal, increases shall not exceed 3% and will only be adjusted on the anniversary date. This Agreement may be assigned by State but shall not be assignable by Customer.

### Program

Type	<input type="checkbox"/> One Solution™ <input type="checkbox"/> 24/7™ <input type="checkbox"/> Air Care <input type="checkbox"/> Hand Care <input type="checkbox"/> Fresh Zone™ <input checked="" type="checkbox"/> Waste Water	
Dispensers	2 Variable Speed Pumps (FREE)	
Products	13- 55GL Drums PitRaider, 19- 55GL Drums NitroPro	
Services	Free Installation, Free Service, Free Reports	
Fees	\$3,500	Paid: <input type="checkbox"/> Quarterly <input type="checkbox"/> Every Other Month <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Payment by Credit Card

### Acceptance

	Accepted by State	Accepted by Customer
Accepted by (signature)		
Printed Name	Jay Mann	
Title	Account Manager	
Acceptance Date		





*At the Heart of Community*

PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047

(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

MEMORANDUM

Date: December 5, 2024  
To: Ray Keller, Village Manager *PK*  
From: Steven J. Paulus, Public Works Assistant Director  
Copy: Michael J. Brown, Public Works Director  
Subject: **Mini Excavator Purchase-Public Works**

AGENDA ITEM  
64

**Issue:** Purchase of a Mini Excavator in the Public Works Department.

**Strategic Plan** – *The requested vehicle purchase is consistent with the following Goals and Objectives of the Strategic Plan.*

**Goal #1 Financial Sustainability**

*Objective F: Continue to conduct organizational analyses to determine if further efficiencies are obtainable*

**Goal #2 Infrastructure Investment**

*Objective B: Explore the feasibility of the development of a Fixed Asset Analysis and Inventory (to include the preparation of a schedule for asset replacement and maintenance)*

**Analysis:** The FY2025 budget identifies the purchase of a mini excavator and trailer (\$195,000). Public Works currently operates two combination backhoe/loaders. The oldest combination backhoe loader will be traded-in with the purchase of the mini excavator. The need for a track excavator has been increasing over the years. The tracks cause significantly less damage to the lawns and landscapes than a wheeled loader. The smaller size will allow access to areas that the combination loader cannot reach. The mini excavator will be used on a regular basis for under ground repairs and installation of new underground assets.

The proposed new unit is a 2025 John Deere 85P, purchased through the Sourcewell Purchasing Cooperative. The proposed new unit will have many updated features including Tier IV clean air emissions, and many safety features that older equipment do not possess. In conjunction with the mini excavator purchase, a trailer will need to be purchased. The balance of the funds will be used for warning lights, communications, and safety equipment.

**Recommendation:** Purchase one 2025 John Deere 85P Mini Excavator from West Side Tractor using the Sourcewell Purchasing Cooperative Contract (011723-JDC), in the amount of \$166,067.91, less the trade-in amount of \$13,000.00 for a total purchase amount of \$153,067.91.



**WEST SIDE TRACTOR SALES**  
1560 N Old Rand Road Wauconda IL 60084  
(847) 526-7700

Dan Ristow - Sales Representative - dristow@wstsales.com



December 6, 2024

0  
VILLAGE OF LAKE ZURICH  
ATTN: ACCOUNTS PAYABLE  
LAKE ZURICH, IL

Sourcewell ID #

**2025 John Deere 85 P Excavator**  
**SOURCEWELL Cooperative Contract 011723-JDC**

*Please note that this quote is valid for 30 days.*

Code	Machine Configuration Description	Unit Price
All the prices in the detailed sections are Per machine basis, Qty (1)		
8230FF	85 P EXCAVATOR BASE MACHINE	168,349.00
0202	Destination Code - United States	-
0259	English Customer Delivery Packet	-
0406	Configuration 6:	13,005.00
0	450mm (18in) track with rubber crawler pad,	-
0	Angle Blade with Float, 2.12m (6ft 11in ) Arm,	-
0	Selector Valve and Thumb bracket,	-
0	Right, Rear and Left Camera System	-
0	0	-
<b>List Price</b>		<b>\$ 181,354.00</b>
<b>Discount</b> 33.0%		<b>\$ 59,846.82</b>
<b>Net Price</b>		<b>\$ 121,507.18</b>

	Custom Jobs Description	Qt	Price
	Factory Freight Destination Wauconda, IL 60084	1	2,317.37
	Dlr provide Pre-Delivery Inspection, Supplies and Fuel Fill	1	5,100.00
	Dealer Provided Delivery	1	700.00
	Labor for field installed kits	1	5,485.18
Deere	Service and Parts Manuals (USB)	1	1,300.00
TAG	Power Tilt Coupler for Deere 85P with Coupler Kit	1	15,866.12
TAG	18" Bucket for John Deere 85P	1	1,809.45
TAG	24" Heavy Duty Bucket for 85P	1	2,060.51
TAG	48" Ditching Bucket for Deere 85P	1	2,742.85
TAG	3 sets of Dead Pins	1	945.50
RZR	LED HAZZARD LIGHTS	1	1,730.25
TAG	Thumb for 85P	1	4,503.50
<b>Total Price</b>			<b>\$ 44,560.73</b>

**Quote Summary (per unit)**

Item Description	Prices
Machine Net Price	\$ 121,507.18
Custom Jobs	\$ 44,560.73
<b>Total Net Price</b> <b>Quantity (1)</b>	<b>\$ 166,067.91</b>
	-
	-

**Adjusted Net Price** **\$ 166,067.91**

**Less Trade-in**

<b>1998 John Deere with 6582HRs</b>	<b>13,000.00</b>
0	-
	-
	-

**Payoff to Trade** -  
**Net Price less Trade-Ins** **\$ 153,067.91**

**Warranty Terms**

85 P includes • Full Machine 12 Month -Unlimited Hour Warranty



# 85 \ P

## Excavator



JOHN DEERE







## ***BUILT FOR WHAT YOU DO — AND THEN SOME***

When we designed the 85 P-Tier, we started with a larger, brand-new cab to keep operators comfortable. Then we combined the agility and adaptability of our smaller compact models with the productive performance and versatile capabilities of the largest excavators in our wide-ranging lineup. And we amped up engine horsepower by 17 percent compared to the previous model, added a turbocharger for improved performance at elevated altitudes, increased dig forces and hydraulic pressure, and optimized machine stability by 10 percent. With customer-inspired features like these, plus some pretty big options, this enhanced excavator can be just the right-size solution for your toughest tasks.

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## 85 P-TIER EXCAVATOR

## FEATURES

### Get into the swing

Reduced-tail-swing configuration enhances machine flexibility, enabling the 85 P-Tier to maneuver nimbly and work efficiently on tight and congested jobsites. Plus this go-to taskmaster transports easily, making it ideal for "dig-and-go" projects.

### In control and comfortable

Ergonomically correct short-throw pilot joysticks enable smooth, precise fingertip control. Handy new swing-boom functionality in the joystick eliminates a hard-to-reach floor pedal and clears space to move your legs.

### At home in the cab

All-new operator station that's more spacious than previous models features a completely new adjustable and heated air-suspension seat with armrests, comfortable air-conditioning system, and ample entryway and legroom. Wide expanse of front and side glass, narrow front cab posts, large tinted overhead window, and numerous mirrors enable outstanding visibility. Isolated cab mounts help reduce noise and vibration.

### Stay connected

New 8-inch multi-language LCD monitor equipped with Bluetooth® connectivity to phone calls and music provides intuitive access to a wealth of information and functions. Just turn and tap the rotary dial to select work mode, access operating info, check service intervals, source diagnostic codes, adjust cab temperature, and tune the radio. Handy USB port and cellphone holder make it easy to stay in touch.

### Bring your work into focus

Standard LED lighting illuminates dusty and before-daylight or after-dark jobsites. Integrated into the all-new, high-resolution main monitor for optimal image quality, the standard right rear left camera system with additional LED surround lighting work together to supplement 270-degree visibility of the area around the machine, even in low-light conditions.



**REDUCED-TAIL-SWING**  
DESIGN PROVIDES FLEXIBLE  
PERFORMANCE IN TIGHT SPACES  
COMPARED TO CONVENTIONAL TAIL-SWING MACHINES



### Modes of operation

Engine performance and hydraulic flow are optimally balanced for predictable operation. Two productivity modes allow you to choose the digging style that fits the job: **Power** delivers a balance of speed and fuel economy for normal operation, while **Economy** reduces engine speed and helps save fuel.

### Bank on these blades

Standard blade is ideal for cleanup and backfilling. It provides extra lift capacity and stability when running hydraulic hammers and other heavy-duty attachments. Optional new angle blade with float redefines earthmoving and grading.

### Rugged resistance

Large idlers, rollers, and strutted links enable the undercarriage to withstand and command. Thick-plate single-sheet main-frame, box-section track frames, double-seal swing bearing, and new boom-cylinder guard deliver rock-solid durability. All structures and components are built to resist stress.

### It's all right here

Large hinged doors provide easy wide-open access to service items including cooler and condenser cleanout. Remote oil-filter and filter-bank access, remote swing-bearing grease bank, generous fuel tank, and 500- and 5,000-hour engine and hydraulic oil-service intervals minimize downtime for routine maintenance.

### Where the rubber meets the road

Optional rubber track pads or heavy-duty rubber belts let the 85 P-Tier set up and work on paved surfaces and even cross curbs without doing damage.







## 85 P-TIER EXCAVATOR



### WIDE-OPEN ACCESS EASES ROUTINE MAINTENANCE

#### Work your way

Undercarriage options include rubber tracks or sealed and lubricated chain with rubber pads or steel semi-grousers from 18- to 24-inches wide. Numerous bucket options let you spec the excavator for the way you work.

#### Connected machines

The 85 P-Tier Excavator arrives JDLink™ ready and connectivity capable. Via a simple dealer-installed hardware kit, you can analyze critical machine data, track utilization, review diagnostic alerts, and more from **the John Deere Operations Center™**. The Operations Center also enables **John Deere Connected Support™**, which uses data from thousands of connected machines to proactively address issues before they arise. Once you opt in, your dealer can remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.\*

\*Availability varies by region and product. Options not available in every country.





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## 85 P-TIER EXCAVATOR SPECIFICATIONS

P

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine	85 P-TIER		
Manufacturer and Model	Yanmar 4TNV98CT-WHBW		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Power (ISO 9249)	50.4 kW (67.6 hp) at 2,000 rpm		
Cylinders	4		
Displacement	3.3 L (202 cu. in.)		
Aspiration	Turbocharger		
Off-Level Capacity	70% (35 deg.)		
Cooling			
Variable-speed fan; viscous clutch			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.1 km/h (1.9 mph)		
High	5.0 km/h (3.1 mph)		
Drawbar Pull	6520 kgf (14,374 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	3 variable-displacement axial-piston pumps		
Maximum Pump Flow	2 x 72 + 56 L/m (2 x 19 + 15 gpm)		
Auxiliary			
Maximum Flow (1 pump)*	16.8 gpm (63.6 lpm)		
Maximum Pressure (1 pump)*	3,000 psi (207 bar / 20.7 MPa)		
Maximum Flow (2 pump)†	35.2 gpm (133.3 lpm)		
Maximum Pressure (2 pump)†	3,000 psi (207 bar / 20.7 MPa)		
Pilot Pump	1 gear		
Maximum Rated Flow	20 L/m (5.3 gpm)		
System Relief Pressure	4300 kPa (624 psi)		
System Operating Pressure			
Implement Circuits	28 000 kPa (4,061 psi)		
Travel Circuits	31 600 kPa (4,583 psi)		
Swing Circuits	26 100 kPa (3,785 psi)		
Controls	Pilot levers, short stroke, low effort; hydraulic pilot controls with shutoff lever		
*Flow and pressure at selector valve.			
†2-pump flow not available on machines equipped with angle-blade option.			
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel (replaceable bushings) pivot pins			
	Bore	Rod Diameter	Stroke
Boom (I)	115 mm (4.5 in.)	70 mm (2.8 in.)	915 mm (36.0 in.)
Arm (I)	95 mm (3.7 in.)	60 mm (2.4 in.)	900 mm (35.4 in.)
Bucket (I)	85 mm (3.3 in.)	55 mm (2.2 in.)	730 mm (28.7 in.)
Electrical			
Batteries	2 x 12 volt		
Battery Capacity	2 x 450 CCA		
Alternator Rating	50 amp		
Work Lights	2 LED: 1 mounted on boom and 1 mounted on frame		
Undercarriage			
Rollers (each side)			
Carrier	1		
Track	5		
Shoes (each side)	40		
Track			
Adjustment	Hydraulic		
Chain	Sealed and lubricated		
Swing Mechanism			
Swing Speed	10.1 rpm		
Swing Torque	16 600 Nm (12,244 lb.-ft.)		
Boom Swing			
Left	65 deg.		
Right	55 deg.		

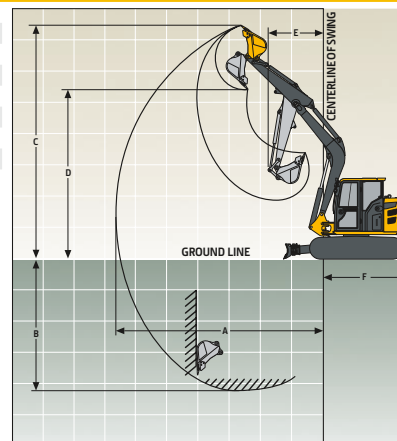
## 85 P-TIER EXCAVATOR SPECIFICATIONS

85

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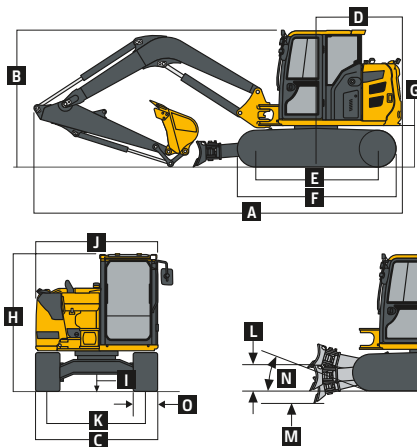
Ground Pressure		85 P-TIER
450-mm (18 in.) Rubber Crawler Pads		39 kPa (5.7 psi)
Triple Semi-Grouser Shoes		
450 mm (18 in.)		39 kPa (5.7 psi)
600 mm (24 in.)		30 kPa (4.4 psi)
Serviceability		
Refill Capacities		
Fuel Tank		125 L (33 gal.)
Cooling System		13.1 L (3.5 gal.)
Engine Oil With Filter		12.3 L (3.2 gal.)
Hydraulic Tank		52 L (14 gal.)
Hydraulic System		100 L (26 gal.)
Propel Gearbox (each)		1.2 L (1.3 qt.)
Operating Weights		
With 75-kg (165 lb.) Operator, Oil, Water, Full Fuel Tank, 3.67-m (12 ft. 0 in.) Boom, and 2.12-m (6 ft. 11 in.) Arm		
With 450-mm (18 in.) Track (steel track shoes with vulcanized rubber pads bonded to top of shoes)		8820 kg (19,445 lb.)
With Angle Blade		9168 kg (20,212 lb.)
With 600-mm (24 in.) Steel Track		8994 kg (19,828 lb.)
With 450-mm (18 in.) Rubber Crawler Pads		8858 kg (19,529 lb.)
With Angle Blade		9206 kg (20,296 lb.)
With 450-mm (18 in.) Continuous Rubber Belt		8726 kg (19,238 lb.)
Optional Components		
Undercarriage (with the following)		
450-mm (18 in.) Rubber Crawler Pads		2912 kg (6,420 lb.)
450-mm (18 in.) Continuous Rubber Belt		2884 kg (6,358 lb.)
Triple Semi-Grouser Shoes		
450 mm (18 in.)		2874 kg (6,336 lb.)
600 mm (24 in.)		3048 kg (6,720 lb.)
1-Piece Boom (with arm cylinder)		443 kg (977 lb.)
2.12-m (6 ft. 11 in.) Arm With Bucket Cylinder and Linkage		282 kg (622 lb.)
Boom Lift Cylinder		109 kg (196 lb.)
0.49-m <sup>3</sup> (0.64 cu. yd.), 1219-mm (48 in.) Ditching Bucket		330 kg (728 lb.)
Counterweight, Standard		1408 kg (3,104 lb.)
Operating Dimensions		
Arm Length		2.12 m (6 ft. 11 in.)
Arm Digging Force (ISO)		35.3 kN (7,936 lb.)
Bucket Digging Force (ISO)		59.0 kN (13,264 lb.)
A Maximum Reach		7.56 m (24 ft. 10 in.)
B Maximum Digging Depth		4.53 m (14 ft. 10 in.)
C Maximum Cutting Height		7.19 m (23 ft. 7 in.)
D Maximum Dumping Height		5.12 m (16 ft. 10 in.)
E Minimum Swing Radius		2.68 m (8 ft. 10 in.)
F Tail-Swing Radius		1.59 m (5 ft. 3 in.)



## 85 P-TIER

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Machine Dimensions		85 P-TIER
Arm Length		2.12 m (6 ft. 11 in.)
A Overall Length		6.79 m (22 ft. 3 in.)
B Overall Height in Transport Position		2.52 m (8 ft. 3 in.)
C Undercarriage Width		
With 450-mm (18 in.) Track		2.20 m (7 ft. 3 in.)
With 600-mm (24 in.) Steel Track		2.47 m (8 ft. 1 in.)
D Rear-End Length/Swing Radius		1.59 m (5 ft. 3 in.)
E Distance Between Idler/Sprocket Centerline		2.30 m (7 ft. 6 in.)
F Undercarriage Length		2.90 m (9 ft. 6 in.)
G Counterweight Clearance		0.72 m (28 in.)
H Cab Height		2.52 m (8 ft. 3 in.)
I Ground Clearance		360 mm (14 in.)
J Upperstructure Width		2.26 m (7 ft. 5 in.)
K Gauge Width		1.75 m (5 ft. 9 in.)
L Blade Lift Height		450 mm (18 in.)
Blade Height		472 mm (19 in.)
Blade Width		
With 450-mm (18 in.) Track		2200 mm (7 ft. 3 in.)
With 600-mm (24 in.) Steel Track		2470 mm (8 ft. 1 in.)
M Blade Cut Below Grade		410 mm (16 in.)
N Blade Lift Angle		26 deg.
O Track Width		
With 450-mm (18 in.) Track		0.45 m (18 in.)
With 600-mm (24 in.) Steel Track		0.60 m (24 in.)



### Lift Capacities

**Boldface type** indicates hydraulically limited capacities; **lightface type** indicates stability-limited capacities, in kg (lb.). Ratings are at bucket lift hook, using standard counterweight, situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87% of hydraulic capacity or 75% of weight needed to tip machine. All lift capacities are based on ISO 10567.

LOAD POINT HEIGHT	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION							
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 450-mm (18 in.) steel track, with blade on ground, without bucket</i>								
4.5 m (15 ft.)					1900 (4,188)	1703 (3,754)		
3.0 m (10 ft.)					2200 (4,849)	1642 (3,621)	1974 (4,352)	1037 (2,287)
1.5 m (5 ft.)			4493 (9,906)	2687 (5,924)	2806 (6,187)	1525 (3,362)	2125 (4,684)	1000 (2,205)
Ground Line			3309 (7,296)	2505 (5,522)	3207 (7,071)	1430 (3,152)	2210 (4,872)	964 (2,125)
-1.5 m (-5 ft.)	3119 (6,875)	3119 (6,875)	5111 (11,267)	2505 (5,515)	3047 (6,717)	1402 (3,090)		
-3.0 m (-10 ft.)			3253 (7,171)	2587 (5,704)				
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 450-mm (18 in.) track with rubber crawler pad (steel track shoes with vulcanized rubber pads bonded to top of shoes), with blade on ground, without bucket</i>								
4.5 m (15 ft.)					1901 (4,190)	1710 (3,769)		
3.0 m (10 ft.)					2208 (4,868)	1647 (3,630)	1977 (4,358)	1042 (2,297)
1.5 m (5 ft.)			4224 (9,313)	2688 (5,926)	2825 (6,228)	1528 (3,369)	2130 (4,696)	1004 (2,213)
Ground Line			3359 (7,405)	2515 (5,545)	3212 (7,081)	1435 (3,164)	2208 (4,868)	968 (2,134)
-1.5 m (-5 ft.)	3187 (7,027)	3187 (7,027)	5074 (11,186)	2515 (5,545)	3030 (6,680)	1409 (3,107)		
-3.0 m (-10 ft.)			3159 (6,965)	2605 (5,742)				
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 600-mm (24 in.) steel track, with blade on ground, without bucket</i>								
4.5 m (15 ft.)					1900 (4,188)	1736 (3,827)		
3.0 m (10 ft.)					2200 (4,849)	1676 (3,694)	1974 (4,352)	1061 (2,339)
1.5 m (5 ft.)			4493 (9,906)	2744 (6,049)	2806 (6,187)	1558 (3,435)	2125 (4,684)	1024 (2,257)
Ground Line			3309 (7,296)	2561 (5,647)	3207 (7,071)	1463 (3,225)	2210 (4,872)	987 (2,176)
-1.5 m (-5 ft.)	3119 (6,875)	3119 (6,875)	5111 (11,267)	2559 (5,641)	3047 (6,717)	1435 (3,163)		
-3.0 m (-10 ft.)			3253 (7,171)	2644 (5,830)				

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## 85 P-TIER

### Lift Capacities (continued)

### 85 P-TIER

**Boldface type** indicates hydraulically limited capacities; **lightface type** indicates stability-limited capacities, in kg (lb.). Ratings are at bucket lift hook, using standard counterweight, situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87% of hydraulic capacity or 75% of weight needed to tip machine. All lift capacities are based on ISO 10567.

LOAD POINT HEIGHT	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION							
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 450-mm (18 in.) steel track, with blade on ground and additional counterweight, without bucket</i>								
4.5 m (15 ft.)					1900 (4,188)	1900 (4,188)		
3.0 m (10 ft.)					2200 (4,849)	1863 (4,108)	1974 (4,352)	1193 (2,631)
1.5 m (5 ft.)			4493 (9,906)	3067 (6,761)	2806 (6,187)	1746 (3,849)	2125 (4,684)	1156 (2,549)
Ground Line			3309 (7,296)	2884 (6,359)	3207 (7,071)	1651 (3,639)	2210 (4,872)	1119 (2,468)
-1.5 m (-5 ft.)	3119 (6,875)	3119 (6,875)	5111 (11,267)	2882 (6,353)	3047 (6,717)	1623 (3,578)		
-3.0 m (-10 ft.)			3253 (7,171)	2967 (6,542)				
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 450-mm (18 in.) track with rubber crawler pad (steel track shoes with vulcanized rubber pads bonded to top of shoes), with blade on ground and additional counterweight, without bucket</i>								
4.5 m (15 ft.)					1901 (4,190)	1901 (4,190)		
3.0 m (10 ft.)					2216 (4,886)	1867 (4,117)	1977 (4,358)	1198 (2,640)
1.5 m (5 ft.)			4224 (9,313)	3068 (6,763)	2825 (6,228)	1749 (3,856)	2130 (4,696)	1160 (2,557)
Ground Line			3359 (7,405)	2895 (6,382)	3212 (7,081)	1656 (3,651)	2208 (4,868)	1124 (2,478)
-1.5 m (-5 ft.)	3187 (7,027)	3187 (7,027)	5074 (11,186)	2895 (6,382)	3030 (6,680)	1630 (3,594)		
-3.0 m (-10 ft.)			3159 (6,965)	2984 (6,579)				
<i>With 3.67-m (12 ft. 0 in.) boom, 2.12-m (6 ft. 11 in.) arm, and 600-mm (24 in.) steel track, with blade on ground and additional counterweight, without bucket</i>								
4.5 m (15 ft.)					1900 (4,188)	1900 (4,188)		
3.0 m (10 ft.)					2200 (4,849)	1897 (4,181)	1974 (4,352)	1217 (2,682)
1.5 m (5 ft.)			4493 (9,906)	3123 (6,886)	2806 (6,187)	1779 (3,922)	2125 (4,684)	1179 (2,600)
Ground Line			3309 (7,296)	2941 (6,484)	3207 (7,071)	1684 (3,712)	2210 (4,872)	1143 (2,520)
-1.5 m (-5 ft.)	3119 (6,875)	3119 (6,875)	5111 (11,267)	2938 (6,478)	3047 (6,717)	1656 (3,650)		
-3.0 m (-10 ft.)			3253 (7,171)	3024 (6,667)				

### Buckets

A full line of buckets is offered to meet a wide variety of applications. Replaceable cutting edges are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths.

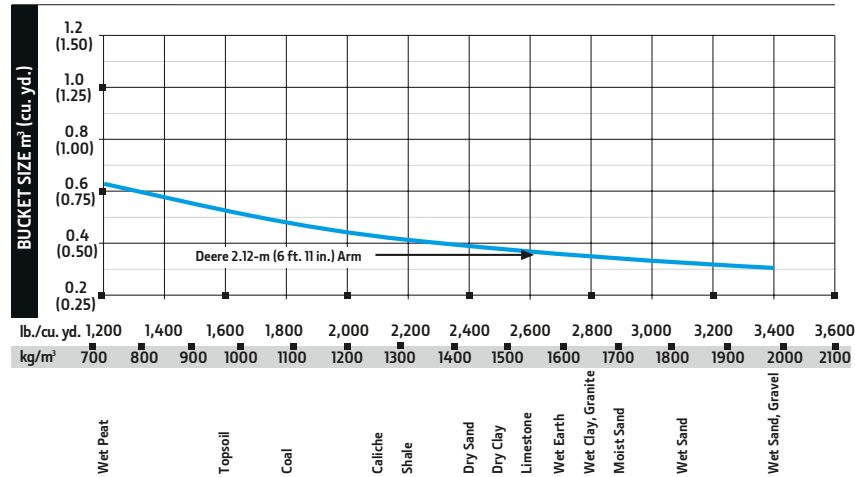
Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force (ISO)		Arm Dig Force (ISO)		Bucket Tip Radius		Number of Teeth
	mm	in.	m <sup>3</sup>	cu. yd.	kg	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty	610	24	0.31	0.40	287	633	58	13,039	35	7,868	1087	42.80	5
	762	30	0.41	0.53	333	735	58	13,039	35	7,868	1087	42.80	6
	914	36	0.50	0.66	380	837	58	13,039	35	7,868	1087	42.80	7
Ditching	1219	48	0.49	0.64	330	727	69	15,512	37	8,318	907	35.69	0

## 85 P-TIER

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### Bucket Selection Guide\*

### 85 P-TIER



\*Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

# Additional equipment

Key: ● Standard ▲ Optional or special  
See your John Deere dealer for further information.

<b>85 P Engine</b>	<b>85 P Upperstructure</b>	<b>85 P Operator's Station (continued)</b>
<ul style="list-style-type: none"> <li>● Auto-idle system</li> <li>● Batteries (2 – 12 volt)</li> <li>● Coolant recovery tank</li> <li>● Single-element air filter</li> <li>● Electronic engine control</li> <li>● Enclosed fan guard (conforms to SAE J1308)</li> <li>● Engine coolant to –37 deg. C (–34 deg. F)</li> <li>● Fuel filter with water separator</li> <li>● Full-flow oil filter</li> <li>● Radiator and oil cooler with dust-protective net</li> <li>● Glow-plug start aid</li> <li>● 500-hour engine oil-change interval</li> <li>● 70% (35 deg.) off-level capacity</li> <li>● Isolation mounted</li> </ul>	<ul style="list-style-type: none"> <li>● Counterweight, 1408 kg (3,104 lb.)</li> <li>● Right- and left-hand mirrors</li> <li>● Vandal locks with ignition key: Cab door / Engine hood / Fuel cap / Service doors</li> <li>● Remote-mounted fuel filters</li> </ul>	<ul style="list-style-type: none"> <li>● Hydraulic warm-up control</li> <li>● Interior light</li> <li>● Large cup holder</li> <li>● Machine Information Center (MIC)</li> <li>● Mode selectors (illuminated): Power modes (2) / Travel modes (2 with automatic shift) / Work mode (1)</li> </ul>
<b>Hydraulic System</b>	<b>Front Attachments</b>	<ul style="list-style-type: none"> <li>● Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, fault-code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator</li> </ul>
<ul style="list-style-type: none"> <li>● Reduced-drift valve for boom down, arm in</li> <li>● Auxiliary hydraulic valve section</li> <li>● Spring-applied, hydraulically released automatic swing brake</li> <li>● 5,000-hour hydraulic oil-change interval</li> <li>● Auxiliary hydraulics with selector valve</li> <li>● Control pattern-change valve</li> <li>▲ Hydraulic filter restriction indicator kit</li> </ul>	<ul style="list-style-type: none"> <li>● Centralized lubrication system</li> <li>● Dirt seals on all bucket pins</li> <li>● Oil-impregnated bushings</li> <li>● Reinforced resin thrust plates</li> <li>● Tungsten carbide thermal coating on arm-to-bucket joint</li> <li>● Arm, 2.12 m (6 ft. 11 in.)</li> <li>▲ Attachment quick-couplers</li> <li>▲ Buckets: Ditching / Heavy duty / Heavy-duty high capacity / Side cutters and teeth</li> </ul>	<ul style="list-style-type: none"> <li>● Motion alarm with cancel switch (conforms to SAE J994)</li> <li>● Auxiliary hydraulic control switches in right console lever</li> <li>● SAE 2-lever control pattern</li> <li>● Seat belt, 51 mm (2 in.), retractable</li> <li>● Tinted glass</li> <li>● Transparent tinted overhead window</li> <li>● Hot/cold beverage compartment</li> <li>▲ Seat belt, 76 mm (3 in.), non-retractable</li> <li>▲ Protection screens for cab front, rear, and side</li> </ul>
<b>Undercarriage</b>	<b>Operator's Station</b>	<b>Electrical</b>
<ul style="list-style-type: none"> <li>● Planetary drive with axial piston motors</li> <li>● Propel motor shields</li> <li>● Spring-applied, hydraulically released automatic propel brake</li> <li>● 2-speed propel with automatic shift</li> <li>● Upper carrier roller (1)</li> <li>● Sealed and lubricated track chain</li> <li>● Undercarriage with blade</li> <li>▲ Triple semi-grouser shoes, 600 mm (24 in.)</li> <li>▲ Rubber crawler pads, 450 mm (18 in.)</li> <li>▲ Rubber belt, continuous, 450 mm (18 in.)</li> <li>● 2-way backfill blade</li> <li>▲ 4-way angle blade with float</li> </ul>	<ul style="list-style-type: none"> <li>● Thumb bracket</li> <li>● Attachment modes and adjustment in main monitor</li> <li>● Meets ISO 12117-2 for ROPS</li> <li>● Adjustable independent control positions (seat-to-pedals)</li> <li>● AM/FM radio</li> <li>● Auto climate control/air conditioner with heater and pressurizer</li> <li>● Built-in operator's manual storage compartment and manual</li> <li>● Cell-phone power outlet, 12 volt, 60 watt, 5 amp</li> <li>● Coat hook</li> <li>● Deluxe cloth, heated, air-suspension seat with adjustable armrests</li> <li>● Floor mat</li> <li>● Front windshield wiper with intermittent speeds</li> <li>● Gauges (illuminated): Engine coolant / Fuel</li> <li>● Horn, electric</li> <li>● Hour meter, electric</li> <li>● Cell-phone holder, USB port, and Bluetooth® calling and audio</li> <li>● Hydraulic shutoff lever, all controls</li> </ul>	<ul style="list-style-type: none"> <li>● 50-amp alternator</li> <li>● Blade-type multi-fused circuits</li> <li>● Positive-terminal battery covers</li> <li>● Right rear left 270-deg. camera system with LED surround lighting</li> </ul>
		<b>Lights</b>
		<ul style="list-style-type: none"> <li>● Work lights: LED / 1 mounted on boom / 1 mounted on frame</li> </ul>

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with standard equipment: 0.28-m<sup>3</sup> (0.37 cu. yd.), 750-mm (30 in.), 211-kg (465 lb.) bucket; 2.12-m (6 ft. 11 in.) arm; 1408-kg (3,104 lb.) counterweight; full fuel tank; and 75-kg (165 lb.) operator.





**JOHN DEERE**



*At the Heart of Community*

PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047

(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

MEMORANDUM

Date: December 5, 2024  
To: Ray Keller, Village Manager **PK**  
From: Steven J. Paulus, Public Works Assistant Director  
Copy: Michael J. Brown, Public Works Director  
Subject: Material Conveyor Purchase-Public Works

ACCOMPLISHED  
6/9

**Issue:** In order to gain some efficiencies and increase safe practices, Staff is recommending the purchase of a Material Conveyor in the Public Works Department.

**Strategic Plan** – The requested equipment purchase is consistent with the following Goals and Objectives of the Strategic Plan.

***Goal #1 Financial Sustainability***

***Objective F:*** Continue to conduct organizational analyses to determine if further efficiencies are obtainable

***Goal #2 Infrastructure Investment***

***Objective B:*** Explore the feasibility of the development of a Fixed Asset Analysis and Inventory (to include the preparation of a schedule for asset replacement and maintenance)

**Background:** Currently Public Works places salt into the salt dome using a front-end loader. Full capacity of the salt dome cannot be safely achieved using a front-end loader. A material conveyor is the preferred piece of equipment used by most municipalities.

**Analysis:** The FY2025 budget identifies \$125,000.00 for the addition of a Material Conveyor. This piece of equipment is used municipalities primarily to load salt into salt domes, but can be used to stack any material. The unit is built from stainless steel and powered by a John Deere engine.

The proposed new unit is a KIMCO KC2480SSD purchased through the State of Illinois Purchasing Contract. Several local municipalities have recently purchased this unit and have reported positive results.



**Recommendation:** Purchase one KIMCO KC2480SSD under the State of Illinois Contract (#24-494DOT-FINAD-P-69504) in the amount of \$119,524.86.



118 East Trefz Drive  
Marshall, IL 62441  
Phone: 217-826-8067  
Fax: 217-826-8848

## QUOTE

DATE	QUOTE #
12/19/2024	Q7346

Name / Address
VILLAGE OF LAKE ZURICH STEVE PAULUS 505 TELSER RD. LAKE ZURICH, IL 60047

Ship To
VILLAGE OF LAKE ZURICH STEVE PAULUS 505 TELSER RD. LAKE ZURICH, IL 60047

Date	Rep
2/19/2025	BDC

Item Number	Description	Qty	Each	Total
KC2480SSD/SS	KIMCO KC2480SSD (24" WIDE 80' LONG) 304 STAINLESS STEEL CONVEYOR WITH 304 STAINLESS STEEL UNDERCARRIAGE AND JOHN DEERE DIESEL POWERED	1	131,524.86	131,524.86
K24SSROLLERS	STAINLESS STEEL ROLLERS (Includes head, tail, drive, take-up, and tracking rollers) FOR 24" CONVEYORS	1	0.00	0.00
K24SSBEARINGS	STAINLESS STEEL BEARING (Includes head, tail, drive, take-up, and tracking bearings) FOR 24" CONVEYORS (INCLUDED IN CONVEYOR PRICE)	1	0.00	0.00
KH4TSS/MS	KIMCO KH4TSS 4-TON 304 STAINLESS STEEL HOPPER WITH MILD STEEL GRATES (INCLUDED IN CONVEYOR PRICE)	1	0.00	0.00
KH4TVIB	ELECTRIC VIBRATOR(120V), CONTROL PANEL WITH STROBE LIGHT, & 304 STAINLESS STEEL MOUNTS FOR 4-TON HOPPER (INCLUDED IN ABOVE HOPPER PRICE)	1	0.00	0.00
FREIGHT	DELIVERY OF CONVEYOR TO LAKE ZURICH, INCLUDING TRAINING AND DEMONSTRATION (INCLUDED IN CONVEYOR PRICE)	1	0.00	0.00
	ABOVE PRICING BASED OFF STATE OF ILLINOIS CONTRACT # 24-494DOT-FINAD-P-69504			
QUOTE	SHORTEN CONVEYOR PER FOOT FROM 80' TO 70'	-10	1,200.00	-12,000.00
QUOTE VALID FOR 60 DAYS			<b>Total</b>	\$119,524.86



# FLEXIBILITY

## Portable Stainless Steel Conveyors

In addition to increased efficiency, improved safety, and maximizing capacity, portable conveyors are extremely flexible.

- The flexibility to fill many different types of storage buildings including: dome style structures, fabric covered structures, barn style structures, bin type structures, and many others
- The flexibility to fill multiple type of structures across one location, or multiple types of structures across many locations, saving you money by reducing your equipment count
- The flexibility to convey multiple types of corrosive materials without worrying about corrosion to your equipment
- Flexible power options, such as PTO, Hydraulic, Diesel, and Electric, allows a portable conveyor to fit any need and any budget

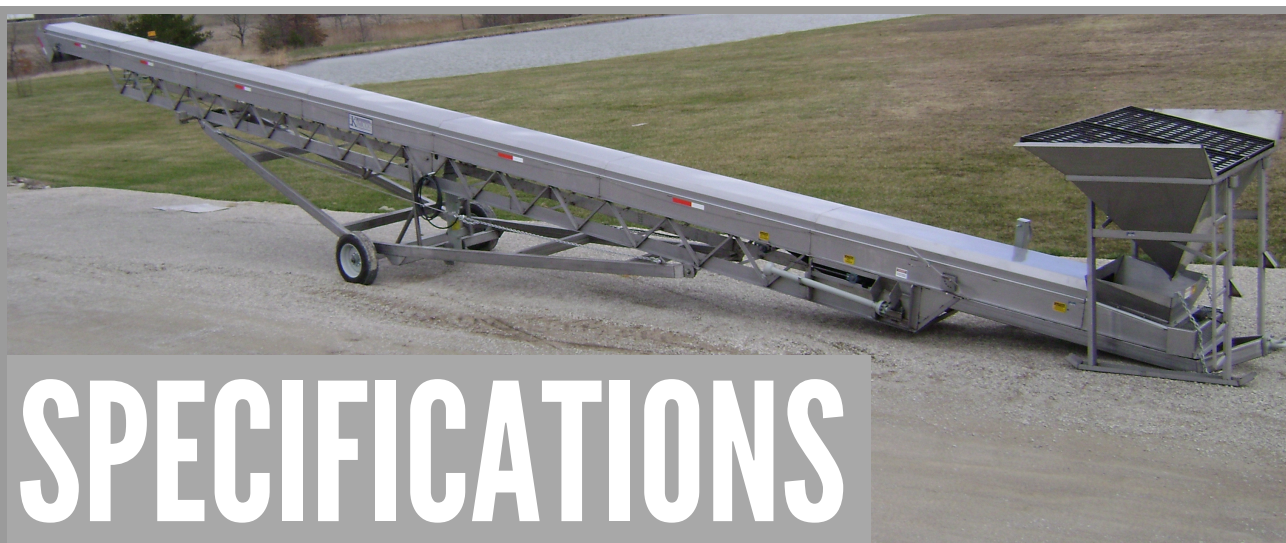


KIMCO USA INC.  
118 EAST TREFZ DRIVE  
MARSHALL, IL 62441

**WORKING TOGETHER TO LOWER COSTS AND INCREASE SAFETY**

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TOLL-FREE: 800.788.1133  
E-MAIL: [INFO@KIMCOUSA.COM](mailto:INFO@KIMCOUSA.COM)  
[WWW.KIMCOUSA.COM](http://WWW.KIMCOUSA.COM)



# SPECIFICATIONS

## Portable Stainless Steel Conveyors

### Lengths:

- 30 to 40 feet without Truss
- 40 to 100 feet with truss

### Widths & Capacities:

- 12" Conveyor @ 90 tons per hour
- 18" Conveyor @ 160 tons per hour
- 24" Conveyor @ 300 tons per hour
- 30" Conveyor @ 360 tons per hour
- 36" Conveyor @ 425 tons per hour

### Conveyor Construction:

- 10 gauge 304 stainless steel mainframe
- 2" x 2" x 1/4" 304 stainless steel angle cord
- 1 1/2" x 3/16" or 1/4" 304 stainless steel webbing\*
- 3/16" or 1/4" 304 stainless steel formed undertruss\*
- 3/16" or 1/4" 304 stainless steel plate reinforcement

### Undercarriage:

- 3" x 6" x 3/16" or 1/4" 304 stainless steel tube\*
- 2" x 2" x 1/4" 304 stainless steel tube support stand
- Oil hub axle wrapped in 304 stainless steel
- Dual safety cables and chains

### Dust Covers:

- 18 gauge 304 stainless steel
- 10 gauge 304 stainless steel lid angles

### Charge Hopper:

- 10 gauge 304 stainless steel

### Deflector:

- 10 gauge 304 stainless steel
- 304 stainless steel handle and cables
- 304 stainless steel fins

### Towing:

- 2" x 6" x 1/4" 304 stainless steel hitch tube
- Safety tow chains
- Safe road transportation up to 50 MPH

### Drive System:

- 5/8" or 1" UHMW slider pads\*
- Wrap drive system
- 900-1200 FPM belt speed to cast material 12 to 14 feet
- 200# PVC Crescent top belt with stainless splice

### Lifting System:

- Hydraulic telescopic cylinder with nitride coating
- Safety check valve
- Dual safety chains and cables



### Power Options:

- PTO Powered
- 540 RPM PTO Shaft

### Diesel Powered:

- Diesel motor
- Control panel
- PTO clutch
- Stainless fuel tank
- Stainless hydraulic reservoir
- Self-contained hydraulic lift system

### Electric Powered:

- 3-phase electric motor
- Stainless steel control panel with soft start
- Gear reducer
- Stainless hydraulic reservoir
- Self-contained hydraulic lift system

### Hydraulic Powered:

- Hydraulic Motor
- Stainless steel hydraulic reservoir
- Self-contained hydraulic lift system

### Additional Options:

- 304 stainless steel pulleys
- 304 stainless steel bearings
- Automatic greasing system
- Automatic weight tensioner
- LED lights
- Liquid applicator system
- Electric brakes
- Hydraulic brakes

KIMCO USA INC.  
118 EAST TREFFZ DRIVE  
MARSHALL, IL 62441

**WORKING TOGETHER TO LOWER COSTS AND INCREASE SAFETY**

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*At the Heart of Community*

PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047

(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

MEMORANDUM

Date: December 5, 2024  
To: Ray Keller, Village Manager  
From: Steven J. Paulus, Public Works Assistant Director  
Copy: Michael J. Brown, Public Works Director  
Subject: **Trailer Purchase-Public Works**

**Issue:** Purchase of an additional trailer in the Public Works Department.

**Strategic Plan** – *The requested equipment purchase is consistent with the following Goals and Objectives of the Strategic Plan.*

**Goal #1 Financial Sustainability**

*Objective F: Continue to conduct organizational analyses to determine if further efficiencies are obtainable*

**Goal #2 Infrastructure Investment**

*Objective B: Explore the feasibility of the development of a Fixed Asset Analysis and Inventory (to include the preparation of a schedule for asset replacement and maintenance)*

**Analysis:** The FY2025 budget identifies the purchase of a mini excavator and trailer (\$195,000.00). With the purchase of the mini excavator, an additional trailer capable of transporting it will need to be purchased. This trailer will be used not only to transport the mini excavator, but most equipment used in day to day operations by the Public Works Department.

**Recommendation:** Purchase one 2025 Cronkhite 6300A trailer from Atlas Bobcat in the amount of \$29,523.00.

AGENDA ITEM

6h

# Cronkhite

INDUSTRIES, INC.

2212 Kickapoo Drive Danville, Illinois 61832

PHONE (217) 443-3700 FAX (217) 443-3778

## QUOTATION

**TO:**

ATLAS BOBCAT LLC  
1815 LANDMEIER  
ELK GROVE VLLG, IL 60007  
(847)678-3450 Fax: (847)678-3587

**SHIP TO:**

ATLAS BOBCAT LLC  
1815 LANDMEIER  
ELK GROVE VLLG, IL 60007  
(847)678-3450 Fax: (847)678-3587

ATTN: Todd Swartz

ATTN:

Quote No.	Date	Cust No	S/M	Your Referenced Inquiry	Delivery Estimate	F.O.B.	Expiration
0006433	2/9/2024	ATL001	1	YOUR RFQ	14+ WEEKS		NET 30
Item	Quantity	UM	Part	Description	Price \$	Extension \$	
001	1.00	EA	M-6300	6300A Deck Over Wheels Design - Dual Tandem - 37,000 LB GVWR - 32,000 LB Axle Capacity LIPPERT - 96" x 18' + 5' Beavertail - 2" Oak Deck - Spring Assist Rugged Ramps - Single 12K SL Sidewind Jack - 215/75R17.5(H) Tires on 8-Bolt-275 mm Wheels	30,176.0000		
002	1.00		HUTCH SUSPENSION	HUTCH 9700 SUSPENSION			
003	1.00		M-6300L25	25' DECK LENGTH (ADDING 7' TO FLAT DECK)	1,812.0000		
004	1.00		M-6300DB7	DOUBLBLE BREAK BEAVERTAIL APPROX 7 Ft. IN LENGTH	1,413.0000		
005	1.00	EA	M-6300DR	TIE DOWN RING-3/4" 16 TOTAL, (8 PER SIDE). 6 ON FLAT, 1 AT END OF FIRST BREAK, 1 AT END OF BEAVERTAIL			
006	1.00		M-6300WR	2 - RAMPS, APPROX. 28" WIDE X 60" LONG. SPRING ASSIST. RAMPS TO STORE VERTICALLY WITH FLAT BAR & PIN NOTE: RAMPS WILL NOT FOLD OVER ONTO BEAVERTAIL.	1,155.0000		
007	1.00	EA	M-TC 4B-PE	4 BOLT PINTLE EYE 3" 4 BOLT. Prt.# 010160			
008	1.00	EA	M-PLUG 7WE	7-WAY PLUG/ELECTRIC 10508			

Page: 1

By: \_\_\_\_\_



INDUSTRIES, INC.

2212 Kickapoo Drive Danville, Illinois 61832

PHONE (217) 443-3700 FAX (217) 443-3778

## QUOTATION

**TO:**

ATLAS BOBCAT LLC  
1815 LANDMEIER  
ELK GROVE VLLG, IL 60007  
(847)678-3450 Fax: (847)678-3587

## SHIP TO:

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(847)678-3450 Fax: (847)678-3587

ATTN: Todd Swartz

ATTN:

Quote No.	Date	Cust No	S/M	Your Referenced Inquiry	Delivery Estimate	F.O.B.	Expiration
0006433	2/9/2024	ATL001	1	YOUR RFQ	14+ WEEKS		NET 30
Item	Quantity	UM	Part	Description	Price \$	Extension \$	
009	1.00	EA	M-6300BLK	BLACK PAINT OPTION			
010	1.00	EA	M-GOV DISC	GOVERNMENT DISCOUNT DEALER MUST PROVIDE CRONKHITE WITH A COPY OF THE PURCHASE ORDER FROM THE MUNICIPALITY OR GOVERNMENT AGENCY TO RECEIVE DISCOUNT. RE; FOREST PRESERVE COOK COUNTY	777.5000-		
800	1.00		FREIGHT	FREIGHT CHARGES	650.0000		
					Total for Quote \$	29,350.00	
					Plates	173.00	
					Total	29,523.00	

Page: 2

By: \_\_\_\_\_



*At the Heart of Community*

PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047

(847) 540-1696  
Fax (847) 726-2182  
LakeZurich.org

MEMORANDUM

Date: January 7, 2025  
To: Ray Keller, Village Manager *PK*  
From: Steve Schmitt, Utilities Superintendent  
Copy: Michael J. Brown, Public Works Director  
Subject: Well No. 9 Repair Update

AGENDA ITEM  
*6i*

**Issue:** On November 4, 2024, the Village Board authorized an expenditure of \$117,855 to Layne Christensen Company to begin Well No. 9 repairs. Phase 1 of the repairs included removal, inspection and diagnosis of the pumping equipment to determine the cause of a significant loss in capacity (water production). Evaluation of the pumping equipment was completed on December 12, 2024 which revealed the loss in capacity was due to the failure of a column pipe joint connection (a wash-out between the male end and coupling threads) allowing water being pumped from the aquifer to escape the column and leak back down the well before reaching the surface. Staff has received a revised cost estimate from Layne Christensen Company which includes motor service, pump rehabilitation, replacement and epoxy protection of column pipe and reinstallation and recommends approval of the proposal.

**Background:** Well No. 9 is one of five wells currently utilized and will be needed to reliably meet the Village's peak water demand and fire flow emergencies until we transition to a Lake Michigan water supply from CLCJAWA. Much of the existing column pipe from the Well No. 9 pumping assembly is from its original installation in 1988 and has reached the end of its useful service life. Following our transition to a Lake Michigan water supply from CLCJAWA, the assets of the Well No. 9 pumping equipment can be inventoried for future use at our Well No. 8 facility (a planned emergency backup location).

On September 6, 2022, the Village Board approved a renewal of our five-year professional services agreement with Layne Christensen Company, a sole-source provider of Byron Jackson parts and service in Illinois. All five Village wells utilize Byron Jackson pumping equipment.



**Analysis:** The Village's designated deep well contractor, Layne Christensen Company, has inspected and diagnosed the Well No. 9 pumping equipment. The results of the inspection indicate the column pipe to be in poor condition requiring replacement of approximately 760 linear feet. The pump (bowl assembly) is overall in good condition but does have some worn components requiring component replacement and pump rebuild. The pump motor is overall in excellent condition requiring only a field maintenance service and the pit-less adapter requiring some minor rehabilitation. To date, \$62,997 has been spent on Phase 1 of this repair. Layne Christensen Company has provided a revised cost estimate to complete the required repairs, replace 760 linear feet of 8" column pipe, add epoxy coating protection to the column pipe (corrosion protection) and reinstall the pumping assembly totaling \$237,396. An increase of \$119,541 from what was previously authorized. The cost estimate does include a labor & specialty service discount as defined in our five-year professional services agreement with Layne Christensen Company.

**Village Strategic Plan:** This agenda item is consistent with the following Goals and Objectives of the Strategic Plan.

- Infrastructure Investment: Ensure a sustainable, healthy and economical water source for current and future Lake Zurich residents.

**Recommendation:** Accept the revised cost estimate from Layne Christensen Company and authorize a change order not to exceed an additional \$119,541 to replace 760 linear feet of 8" column pipe, add epoxy coating protection to the column pipe, complete the necessary repairs to the Well No. 9 pumping equipment and reinstall the pumping assembly.

**W/Attachments:**

Well No. 9 Revised Project Estimate dated 12/18/24 (2 pages).  
Well No. 9 Pump Inspection Report (12 pages).



721 WEST ILLINOIS AVE.  
AURORA, IL 60506  
630.897.6941 PHONE  
630.897.6976 FAX

## VILLAGE OF LAKE ZURICH WELL #9 PUMP INSPECTION REPORT

JOB NAME	LAKE ZURICH	WELL	9	DATE	12/02/2024
JOB NO.	1515382	INSPECTED BY	J. KOPP, J. IVERSON		
		BOWL ASSEMBLY	BYRON JACKSON 14 STAGE 13MQ/12MQH, ALL BRONZE		
		COLUMN ASSEMBLY	8" T&C, SRL		
		MOTOR	BYRON JACKSON 400 HP, 17", 2300V, TYPE M		

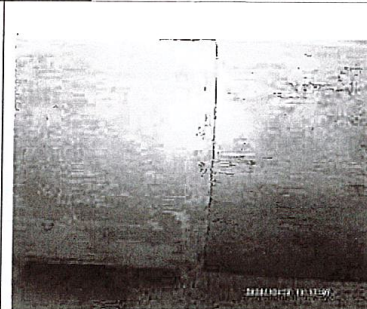
### MOTOR



Byron Jackson 400 HP, 17",  
2300V, Type M motor on Layne  
blast rack



Bottom end of motor



O-Ring joint

### Motor Observations

The motor is in excellent condition. Winding resistance megs overload on all three leads. Shaft stick up and rotation meet specification. The lower and stator can bodies are in good condition. The O-Ring joint is in good condition. Reference attached Byron Jackson Motor Inspection – Type M report.

### Motor Recommendations

Perform full field service including seal change.

## BYRON JACKSON MOTOR INSPECTION - TYPE M

Inspected By J. Iverson Date 11/21/2024Job Name Lake Zurich Well 9 Job # 1515382HP 400 Size 17 Voltage 2300Motor Serial # 17-5332-5-2RBMeg OL/OL/OLShaft Projection Spec 8 7/8Shaft Projection Measured 8 7/8Shaft Run Out .002Rotation little stiff but OKCondition of Stator Can OKCondition of Lower Can OKCondition of O-Ring Joint OK

Comments Rotation was stiff but motor was cold. O-Ring joint looks OK but should be  
blasted to make sure.

Is Motor Field Service Eligible? YesRecommendations: Full service with seal change





721 WEST ILLINOIS AVE.  
AURORA, IL 60506  
630.897.6941 PHONE  
630.897.6976 FAX

## VILLAGE OF LAKE ZURICH WELL #9 PUMP INSPECTION REPORT

### BOWL ASSEMBLY



Bronze castings in excellent condition (typical of all)



Underside of bronze castings, veins, etc. in excellent condition (typical of all)



Impellers have thin skirts and two impellers have holes.



Castings have oversized, thick wear rings.



Lower suction bushing seized to shaft.



Impeller shaft has severe damage where the suction bushing seized.



721 WEST ILLINOIS AVE.  
AURORA, IL 60506  
630.897.6941 PHONE  
630.897.6976 FAX

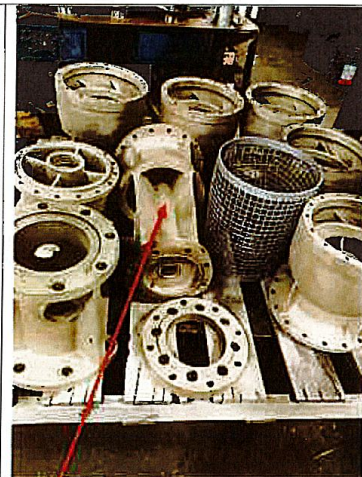
## VILLAGE OF LAKE ZURICH WELL #9 PUMP INSPECTION REPORT



Hole in one impeller



Hole in second impeller.



Suction casting bore damaged by seized bearing.

Port body, stainless screen,  
adapter plate all in good  
condition.

### **Bowl Assembly Observations**

As has been this bowl's history, heavy iron deposits were found throughout the bowl's interior. The lower bushing of the suction casting was found seized to the impeller shaft. After numerous rebuilds on this bowl, the impeller skirts are thin and the wear rings are oversized. Bushing clearances are on the high side but remain within tolerable specification. The impeller shaft and the suction casting bore are severely damaged by the seized bushing. Two impellers have holes. The stainless strainer is in good condition. The 8" x 5" stainless discharge nipple, and its coupling are in good condition. Stainless collets are in good condition. Stainless fasteners are in good condition. Reference attached Bowl Assembly Inspection Report.

### **Bowl Assembly Recommendations**

Replace impeller shaft. True impellers and install custom skirt and wear rings. Replace the two impellers with holes, suction case and impeller shaft with components from the Lake Zurich Well 11 bowl.\* Repair suction case and replace suction bushings.

\*Lake Zurich has retained the Well 11 Byron Jackson 14 stage 13MQ/12MQH all bronze bowl assembly at Layne's yard after Well 11 was abandoned. This bowl was had not been inspected. Layne conducting a complete inspection and mic report on this bowl for the purpose of determining the best and most economical repair between the two. Please reference attached Well 11 Bowl Assembly Inspection Report.





## BOWL ASSEMBLY INSPECTION REPORT

Project	Lake Zurich, IL		Well No.	9	Date	11-21-2024
Project No.	1515382		Inspected by	John Kopp		
Serial No.	Byron Jackson All Bronze		Bowl Assembly	13/12MQH – 14 Stage (7 @ Full Dia. & 7 @ Trim 8.150")		
Stage No.	Wear Ring	Impeller Skirt	Clearance	Bearing ID	Impeller Shaft	Clearance
1 (suction)	6.268	6.230	.038	Damaged	1.937	Damaged
2	6.291	6.232	.059	1.949	1.937	.012
3	6.291	6.232	.059	1.948	1.937	.011
4	6.297	6.233	.064	1.947	1.937	.010
5	6.288	6.232	.056	1.947	1.937	.010
6	6.293	6.233	.060	1.949	1.937	.012
7	6.288	6.232	.056	1.948	1.937	.011
8 (Trimmed Imp)	6.295	6.233	.062	1.949	1.937	.012
9 (Trimmed Imp)	6.294	6.232	.062	1.950	1.937	.013
10 (Trimmed Imp)	6.269	6.229	.040	1.947	1.937	.010
11 (Trimmed Imp)	6.279	6.230	.049	1.949	1.937	.012
12 (Trimmed Imp)	6.286	6.232	.054	1.949	1.937	.012
13 (Trimmed Imp)	6.266	6.227	.039	1.948	1.937	.011
14 (Trimmed Imp)	6.291	6.232	.059	1.950	1.937	.013
			Top Case	1.949	1.937	.012
			Port Body	1.946	1.937	.009
Impeller Shaft	1-15/16" X 212-7/16", severe damage at suction end – needs to be replaced with new					
Fasteners	Stainless steel, replace lock-washers					
Strainer	Stainless steel, ok for reuse					
Collets	SST, ok for reuse					

**COMMENTS:** All components are in good shape and are ok for reuse. Upon disassembly, the suction lower bushing was seized onto the shaft and we had to hydraulically disassemble this section of the pump. The bushing bore in the casting will need to be repaired by boring true and making custom oversized bushings. Pump contains large bronze case rings and thin impeller skirts, which would suggest boring true case rings to a cross-sectional thickness of 1/4" and then making skirt rings and install those onto the impellers. Standard case ring replacement with standard truing of impellers is still feasible if desired. Note that two of the full diameter impellers have holes in them and will need to be replaced with good-used options. We suggest leaving all other bushings as they are with the previous deposits that were found on this pump in 2021. Pump contains a 8" X 5' stainless steel pup pipe installed in the discharge flange. This component appears in good shape as well and is ok for reuse as is.

### WATER RESOURCES

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VILLAGE OF LAKE ZURICH  
WELL NO. 11 BOWL ASSEMBLY  
INSPECTION REPORT

SUPPLEMENT TO LAKE ZURICH WELL  
9 BOWL ASSEMBLY INSPECTION  
REPORT

JOB NAME	LAKE ZURICH WELL 9	WELL NO.	11 BOWL	DATE	12/12/2024
JOB NO.	1515382	INSPECTED BY	J. Kopp		
		BOWL ASSEMBLY	Byron Jackson 14 stage 13/12MQH		
<b>BOWL ASSEMBLY</b>					
<b>Bowl Assembly Observations</b>					
Impeller shaft has minor pitting at collet locations but in good condition.. Stainless fasteners, strainer and collets in good condition. All bronze castings and impellers in very good condition. 4' stainless discharge nipple in good condition, coupling needs replacement. Wear ring clearances run .072" to .099". Bushing clearances run .009" to .012". The two suction bushing clearances are .009" and .012".					
<b>Bowl Assembly Recommendations</b>					
This bowl was retained by the Village after it was removed from Lake Zurich Well 11 and Well 11 abandoned. This bowl was inspected to determine if it is eligible to assist in the repair of the Lake Zurich Well 9 bowl.					
Several of Well 11's components, such as impeller shaft can be utilized to repair the Well 9 bowl assembly.					





## BOWL ASSEMBLY INSPECTION REPORT

<b>Project</b>	Lake Zurich Well 9		<b>Well No.</b>	11 bowl	<b>Date</b>	12-3-2024
<b>Project No.</b>	1515382		<b>Inspected by</b>		John Kopp	
<b>Serial No.</b>	Byron Jackson All Bronze, 931R1167		<b>Bowl Assembly</b>		13/12MQH - 14 Stage	
<b>Stage No.</b>	<b>Wear Ring</b>	<b>Impeller Skirt</b>	<b>Clearance</b>	<b>Bearing ID</b>	<b>Impeller Shaft</b>	<b>Clearance</b>
1 (suction)	6.544	6.472	.072	1.946/1.949	1.937	.009/.012
2	6.564	6.475	.089	1.948	1.937	.011
3	6.556	6.474	.082	1.948	1.937	.011
4	6.555	6.474	.081	1.947	1.937	.010
5	6.557	6.474	.083	1.949	1.937	.012
6	6.560	6.474	.086	1.947	1.937	.010
7	6.568	6.475	.093	1.947	1.937	.010
8	6.569	6.475	.094	1.949	1.937	.012
9	6.574	6.475	.099	1.948	1.937	.011
10	6.560	6.474	.086	1.948	1.937	.011
11	6.555	6.474	.081	1.948	1.937	.011
12	6.554	6.473	.081	1.947	1.937	.010
13	6.551	6.473	.078	1.947	1.937	.010
14	6.547	6.473	.074	1.949	1.937	.012
			Top Case	1.949	1.937	.012
			Port Body	1.946	1.937	.009
<b>Impeller Shaft</b>	1-15/16" X 213-3/8", minor pitting at collet locations but in good condition					
<b>Fasteners</b>	Stainless Steel					
<b>Strainer</b>	Stainless Steel, note that this screen has small openings in the screen					
<b>Collets</b>	Stainless Steel					

**COMMENTS:** All castings in very good condition (NiAl Bronze construction with case rings & bushings made from C932 bronze). Impellers are red-brass material and are in good condition. Impeller shaft is reusable in my opinion and could be used as the replacement for well 9 pump if desired (with machining of one end to shorten to proper length). Note that this pump is set up for use with 17" motor and 10" discharge. There is a 4' stainless steel pup installed, and the pipe coupling appears to need replacement due to pitting and thread washout. We can use this shaft (along with pump half coupling and associated parts), impellers, and suction case as replacements for Well 9 bowl, if desired.



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## VILLAGE OF LAKE ZURICH WELL #9 PUMP INSPECTION REPORT

### COLUMN PIPE



8" Line Pipe string on blast rack



Male ends inspected with API  
calibrated ring gauge



Couplings inspected with API  
calibrated plug gauge



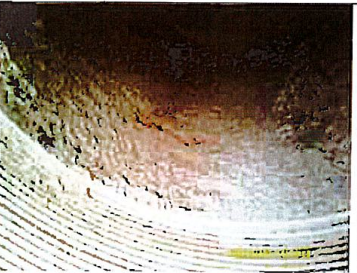
Severe wash out at coupling



Severe wash out at male threads  
- this thread was engaged with  
coupling in previous picture



Interior pit. Typical of many  
joints.



Washboard interior pitting.  
Typical of many joints



Exterior pitting. Typical of many  
joints.



Heavy exterior metal corrosion.  
Typical of thirty-four joints.





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## VILLAGE OF LAKE ZURICH WELL #9 PUMP INSPECTION REPORT

### Pipe Observations

Overall, the 8" Line Pipe string, consisting of fifty-one T&C SRL joints, is in poor condition. Per Layne records, at least thirty-five of the joints were original installations in 1988 and have been utilized for thirty-six years encompassing six removals and re-installations. A severe washout of adjoining coupling and male threads was allowing water to escape the pipe and the reason for the pump's low capacity and consequent removal. Thirty-eight joints exhibit severe metal loss.

This leaves thirteen joints deemed suitable for reinstallation. Nine of these eleven require cutting male ends and rethreading due to pits in the thread area, four require male end thread chasing, nine require coupling and surge control replacement.

### Pipe Recommendations

Discard thirty-eight T&C joints.  
Replace seven couplings and two surge control valves.  
Chase four male end threads.  
Cut & rethread nine male ends.  
Cut & rethread the nine ends exposed by coupling removal.  
Make provisions for set screws in all couplings and surge controls.  
Consider coating the entire pipe string, inside and out, with epoxy protection.

### PITLESS ADAPTER



Maas-Baski pitless adapter spool on Layne blast rack.



8V pitless thread nipple, eroded thread

### Pitless Adapter Observations

The pitless adapter is manufactured by Maas-Baski. It has an ex-heavy 8V threaded nipple. The 8V threads have some erosion to the root threads. The current 8" column setting is approaching the limit for 8V thread safe 8" column setting.

### Pitless Adapter Recommendations

Replace nipple as 8" ex-heavy with 8RND threads.



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VILLAGE OF LAKE ZURICH  
WELL #9 PUMP INSPECTION REPORT

**CABLE**

**Cable Observations**

The #2 submersible cable was HyPot tested with and without the flat cable motor interconnect. In both scases, the cable passed the HyPot test. Reference attached Cable High Potential Test sheets.

**Cable Recommendations**

Replace the flat cable motor interconnect per Village standard procedure.

**WELL**

**Well Observations**

The well's total depth was measured at 1365'. The well's original total depth is 1365'.

**Well Recommendations**

No need for any well remediation.



## CABLE HIGH POTENTIAL TEST

Customer: Lake Zurich

Date 11/27/2024

Job No 1515382

Well No.: 9 Location: Aurora, IL – Layne Shop

Cable Description: 2.4 kv/#2 w/grd Length: ' Installed By:

Type of Test: Proof Max. Test Voltage: 5,000 Duration: 5 min. Motor Voltage: 2300

Weather: Indoors Temperature: 70° Humidity:

Test Equipment: 6KV Test Set Test Engineer: J. Geltz Time:

### READINGS ON VOLTAGE RISE

Test Voltage	Leakage I in Micro - Amps			
	AØ	BØ	CØ	
	Blue	Yellow	Red	
1,000	2.4	2.5	2.5	
2,000	2.6	2.4	2.3	
3,000	3.7	2.3	2.6	
4,000	3.4	2.7	2.5	
5,000	2.9	2.6	2.6	

### READINGS WITH VOLTAGE CONSTANT

Time in Min.	Leakage I in Micro - Amps			
	AØ	BØ	CØ	
	Blue	Yellow	Red	
0	2.9	2.6	2.6	
1	.3	.7	1.1	
2	.6	.5	.7	
3	.5	.6	.8	
4	.6	.5	.6	
5	.8	.7	.9	

### DISCHARGE TIME

#### Comments:

Hypot test power cable with Byron Jackson Flat-Cable attached. Leakage values are quite low and cable appears suitable for reuse. However, note that reinstallation means cable as tested on spool above ground will be flexed over cable sheaves, squeezed against pipe by stainless steel banding and will be subject to possible down-hole damage, as well as significant hydrostatic pressure. Hypot testing may not detect leakage to atmosphere. (i.e. external holes in cable insulation).

Witness:

Signature:

John Geltz

### WATER RESOURCES

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## CABLE HIGH POTENTIAL TEST

Customer: Lake Zurich

Date 11/27/2024

Job No 1515382

Well No.: 9 Location: Aurora, IL – Layne Shop

Cable Description: 2.4 kv/#2 w/grd Length: 1030' Installed By:

Type of Test: Proof Max. Test Voltage: 5,000 Duration: 5 min. Motor Voltage: 2300

Weather: Indoors Temperature: 70° Humidity:

Test Equipment: 6KV Test Set Test Engineer: J. Geltz Time:

### READINGS ON VOLTAGE RISE

Test Voltage	Leakage I in Micro - Amps			
	AØ	BØ	CØ	
	Blue	Yellow	Red	
1,000	2.7	2.5	2.4	
2,000	2.4	2.7	2.6	
3,000	2.3	2.3	2.5	
4,000	2.5	2.2	2.6	
5,000	2.4	2.3	2.8	

### READINGS WITH VOLTAGE CONSTANT

Time in Min.	Leakage I in Micro - Amps			
	AØ	BØ	CØ	
	Blue	Yellow	Red	
0	2.4	2.3	.9	
1	.6	.5	.6	
2	.4	.6	.7	
3	.5	.5	.5	
4	.5	.6	.6	
5	.6	.6	.7	

### DISCHARGE TIME

#### Comments:

Hypot test power cable only with NO Byron Jackson Flat-Cable attached. Leakage values are quite low and cable appears suitable for reuse. However, note that reinstallation means cable as tested on spool above ground will be flexed over cable sheaves, squeezed against pipe by stainless steel banding and will be subject to possible down-hole damage, as well as significant hydrostatic pressure. Hypot testing may not detect leakage to atmosphere. (i.e. external holes in cable insulation).

Witness:

Signature:

John Geltz

### WATER RESOURCES

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Layne Christensen Company  
721 W. Illinois Avenue  
Aurora, IL 60506

630/897-6941  
graniteconstruction.com

December 18, 2024

Mr. Steve Schmitt  
Village of Lake Zurich  
505 Telser Road  
Lake Zurich, IL 60047

Re: Well 9 Pump Repairs, REV

Mr. Schmitt:

The Lake Zurich Well 9 Byron Jackson submersible pump has been removed due to insufficient capacity. The motor, bowl, pipe, cable, and pitless adapter have been inspected. Please find the Lake Zurich Well 9 Pump Inspection Report (PIR) attached.

The inspection revealed that the pump's loss in capacity was due to a wash-out of male end and coupling threads at one joint's interconnect,

Based upon the recommendations of the PIR, estimated project cost is as follows:

1. Labor and equipment to remove pump; haul to yard; inspect bowl, motor, and pipe; HyPot test cable, including PSA labor discount	\$ 65,185
2. Rehabilitate Byron Jackson motor with seal, oil, filter, and gasket change	\$ 4,740
3. Rebuild bowl assembly, estimate*	\$ 18,000
4. Replace estimated** 760' of 8" T&C Line Pipe at \$75 / ft	\$ 57,000
5. Replace (7) 8" Line Pipe couplings at \$330 ea	\$ 2,310
6. Replace (2) 8" surge control valves at \$1,530 ea	\$ 3,060
7. Chase 4 male ends at \$100 ea	\$ 400
8. Cut & Thread 18 pipe ends at \$250 ea	\$ 4,500
9. Contingency for pipe handling, set screws, etc., estimate*	\$ 1,000
10. Epoxy Coat Pipe, recommended option	\$ 31,776
11. Rehabilitate pitless adapter, estimate*	\$ 3,000
12. Replace flat cable motor interconnect	\$ 8,425
13. Remobilize to site with pump components	\$ 8,000
14. Install pump, estimate*	\$ 41,000
15. Credit for Well 11 bowl	\$ ( 7,000)
16. Projected PSA Labor Discount for remaining work	<u>\$ ( 4,000)</u>
<b>Total Project Estimate</b>	<b>\$237,396</b>

\*Any items labeled as "estimate" is a not to exceed estimate.

\*\* Replacement pipe is estimated as final tally will not be known until cut & thread loss is known.

You mentioned you have some uncertainty regarding the initial Phase I estimate of \$117,855 versus this repair estimate. This is a total job estimate and is NOT on top of the Phase I estimate. The Phase I costs are included in this repair/ total job estimate, under items 1, 2, 12, and 14 which total \$117,300 after PSA discounts.

Layne will proceed with component repairs and pump installation upon written authorization.

If you have any questions or comments, please do not hesitate to contact me.

Layne Christensen Company

A handwritten signature in black ink, reading "Wm Balluff". The signature is written in a cursive, flowing style.

William Balluff, P.E.  
WRD Account Manager III



*At the Heart of Community*

OFFICE OF THE VILLAGE MANAGER  
Human Resources Division

70 East Main Street  
Lake Zurich, Illinois 60047

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AGENDA  
JANUARY 14, 2025

6

## MEMORANDUM

Date: January 14, 2025  
To: Ray Keller, Village Manager  
From: Douglas Gibson, Human Resources Director  
Subject: **International Association of Firefighters Local 3191 Collective Bargaining Agreement**

**Issue:** The collective bargaining agreement (CBA) with the International Association of Firefighters Local 3191 expired December 31, 2024. The Village of Lake Zurich has been in negotiations with the IAFF regarding a successor contract. In January of 2025, members of the IAFF accepted a new three year contract. Details of the new contract are listed below.

### Contract Changes:

#### *Entire Contract*

Language, grammar, page numbering, and section numbering clean-up

#### *Article V*

**Section 5.10 Overtime Procedure** – Amended language to follow current practice.

#### *Article VI*

**Section 6.2 Grievance Procedure** – Eliminated the Deputy Chief in Step 1.

#### *Article VIII*

**Section 8.4 Scheduling of Earned Time After Change of Duty Status** – Changed language to eliminate rescheduling of time to allow payout of time.

#### *Article X*

**Section 10.3 Seniority List** – Cleaned up language eliminating restrictive dates.

#### *Article XII*

**Section 12.1 Eligibility and Allowances** – Changed vacation awards to an accrual system instead of an annual issuance.

**Section 12.3 Scheduling** – Changed language to reflect changes made in section 8.4 above.

#### *Article XIII*

**Section 13.3 Accumulation** – Changed to reflect current practice of accumulation per pay-period.

- Article XIV* **Section 13.7 Retirement Health Savings** – Eliminated the date to create a report.
- Article XV* **Section 14.4 Special Team Training** – Modified specific training to be conducted off duty.
- Article XVI* **Section 15.1 Compensation** – Added “or denied” for step or merit increases.
- Article XVII* **Section 16.1 Health Insurance** – Eliminated re-opener language  
**Section 16.2 Cost Containment** – Eliminated union review future insurance plan options.
- Article XVIII* Changed title to read Board of Fire and Police instead of Board of Police and Fire.
- Article XIX* **Section 18.2 Military Leave** – Changed “Military” to “USERRA” to accurately reflect the law.
- Article XX* **Section 23.3 Turnout Gear** – Modified listing of gear to include 2 hoods and changed “GUT Belt” to “Escape System”.
- Article XXI* **Section 25.2 Eligibility** – Modified language to clarify requirements and appropriate titles.  
**Section 25.3 Components and Scoring** – Added language to establish a minimum score of 70% on the evaluation and the written exam in order to qualify.  
**Section 25.6 Ascertained Merit Criteria** – Modified language to clarify the application of points, moved chart to Appendix C, modified chart to reflect accurate listing of ascertained merit points.  
**Section 25.7 Merit and Efficiency** – Added “Initiative” as a component and added Appendix D for clarification.
- Article XXII* **Termination** – Modified dates to reflect new contract January 1, 2025 – December 31, 2027  
**Appendix A Wage Scale** – January 1, 2025 – December 31, 2027  
January 1, 2025 – Established base wages as listed to incorporate a standard percentage spread between steps  
January 1, 2026 – 3.5%  
January 1, 2027 – 3.5%

**Recommendation:** Approve the attached Collective Bargaining Agreement between the Village of Lake Zurich and IAFF 3191.

**W/Attachments:**

Collective Bargaining Agreement (CBA) with the International Association of Firefighters 3191 and the Village of Lake Zurich.

| January 202~~5~~<sup>4</sup> Contract

AGREEMENT  
BETWEEN  
VILLAGE OF LAKE ZURICH, ILLINOIS  
AND  
PROFESSIONAL FIREFIGHTERS OF  
LAKE ZURICH LOCAL 3191  
AFFILIATED WITH  
THE INTERNATIONAL ASSOCIATION  
OF FIREFIGHTERS

SIGNATURE CONTRACT COPY

| Effective January 1, 202~~4~~<sup>5</sup> – December 31, 202~~4~~<sup>7</sup>

January 202~~5~~<sup>4</sup> Contract

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January 2025~~4~~ Contract

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AGREEMENT  
BETWEEN  
VILLAGE OF LAKE ZURICH, ILLINOIS  
AND  
PROFESSIONAL FIREFIGHTERS OF  
LAKE ZURICH LOCAL 3191, AFFILIATED WITH  
THE INTERNATIONAL ASSOCIATION  
OF FIREFIGHTERS

PREAMBLE

This agreement is entered into by and between the Village of Lake Zurich, Illinois (herein referred to as the “Village” or “Employer”) and the Professional Firefighters of Lake Zurich Local 3191, IAFF (herein referred to as the “Union”).

It is the purpose of this Agreement and it is the intent of the parties hereto to establish and promote mutual harmonious understanding and relationship between the Village and the Union; to promote departmental efficiency and effectiveness; to establish wages, hours, and other conditions of employment of the employees covered by this Agreement for its term; and to resolve grievances and prevent strikes or other disruption of work. Therefore, the Village and the Union regard all employees covered by this Agreement as public servants governed by the highest ideals of honor and integrity in all of their personal and public conduct, in order that they may merit the respect and confidence of the public.

In consideration of the mutual promises and agreements contained in this Agreement, the Village and the Union do mutually promise and agree as follows:

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## ARTICLE I - RECOGNITION

**Section 1.1 Recognition.** The Village recognizes the Union as the sole and exclusive collective bargaining representative for all full-time employees in the rank of Firefighter/Paramedic, Lieutenant/Paramedic and any other full-time employees in rank or positions below that of Captain in the Fire Department. Excluded from this grant of recognition are all managerial, supervisory, and confidential employees, as those terms are defined by the Illinois Labor Relations Act, which includes the positions and/or ranks of Chief, Deputy Chief, Captain rank, all clerical, dispatch, civilian personnel, paid on-call and part-time employees of the Fire Department; and all other Village employees.

**Section 1.2 Fair Representation.** The Union recognizes its responsibility as bargaining agent and agrees to fairly represent all employees in the bargaining unit, whether or not they are members of the Union.

**Section 1.3 Union Officers.** For purposes of this Agreement, the term "Union Officers" shall refer to the Union's duly elected President, Vice-President, and Secretary/Treasurer.

**Section 1.4 Gender.** Wherever the male gender is used in the Agreement, it shall be construed to include both males, females, and non-binary individuals equally.

## ARTICLE II - NON-DISCRIMINATION

**Section 2.1 Non-Discrimination.** Neither the Village nor the Union shall discriminate on the basis of race, color, sexual orientation, gender identity, sex, religion, age, national origin, handicap, disability or membership or non-membership in the Union, to the extent provided in applicable state and federal statutes and regulations. Other than Union membership, any dispute concerning the interpretation and application of this Article shall be processed through the appropriate federal or state agency or court rather than through the grievance procedure.

**Section 2.2 American With Disabilities Act.** Notwithstanding any other provisions of this Agreement, the parties agree that the Village may take whatever reasonable steps are needed to comply with the provisions of the

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Americans with Disabilities Act.

### ARTICLE III - UNION RIGHTS

**Section 3.1 Dues Check off.** During the term of this Agreement the Village will deduct from each employee's paycheck once each pay period the uniform, regular Union dues for each employee in the bargaining unit who has filed with the Village a lawfully written authorization form.

The actual dues amount deducted, as determined by the Union's Constitution and By-laws, shall be uniform for each employee in order to ease the Village's burden in administering this provision. However, consistent with the Union Constitution and By-laws, no dues shall be deducted from the members of the Union Executive Board. The Union shall identify such members of the Executive Board on an annual basis, or more frequently should membership on the Executive Board change. The Union may change the uniform dollar amount once each year during the life of this Agreement by giving the Village at least thirty (30) days notice of any change in the amount of the uniform dues to be deducted.

If a union member has no earnings or insufficient earning to cover the amount of the dues deduction, the Union shall be responsible for collection of dues. The Union agrees to refund to the union member any amounts paid to the union in error on account of this dues deduction provision.

**Section 3.2 Indemnification.** The Union shall indemnify and hold harmless the Village, its elected representatives, officer, administrators, agents and employees from and against any and all claims, demands, actions, complaints, suits, legal fees, or other forms of liability (monetary or otherwise) that arise out of or by reason of any action taken or not taken by the Village for the purpose of complying with the provisions of this Article, or in reliance on any written check off authorization, certification or affidavit furnished under any such provisions.

**Section 3.3 Bulletin Boards.** The Village will make available space on a bulletin board in the kitchen area of each firehouse for the posting of a non-political and non-inflammatory nature. The Union will limit the posting of Union notices to such bulletin board. Endorsements, documents, pamphlets and other literature which is primarily and chiefly political in nature with



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regard to candidates or elections for any local office may not be posted on this bulletin board.

**Section 3.4 Release Time.** Union Officers and appointed Union Stewards will be allowed reasonable time off without loss of pay when involved in meetings or discussions with the Chief, his designee, or Shift Commanders concerning grievances or the administration of this Agreement. The Union shall appoint stewards and shall inform the Chief of the identity of such persons. The Village shall grant time off without loss of pay for Union Officers for the purpose of engaging in regularly scheduled collective bargaining negotiations. Release time for union stewards is subject to the Chief's discretion and shall not adversely affect minimum staffing levels at each station.

#### ARTICLE IV - MANAGEMENT RIGHTS

Except as specifically limited by the express provisions of the Agreement, the Village retains all traditional rights to manage and direct the affairs of the Village of Lake Zurich and its Fire Department in all of their various aspects and to manage and direct employees, including but not limited to the following: to determine the mission of the Department and to set standards of service offered to the public; to determine the number of stations, and the staffing of stations and equipment; to determine whether and to what extent it will contract with other governmental bodies for the provision of fire protection services and upon what terms and conditions such contracts will be entered into; to plan, direct, control and determine all the operations and services of the Department; to supervise and direct the working forces; to assign and transfer employees; to establish the qualifications of employment, determine the number of employees, and to employ employees; to schedule and assign work; to establish performance standards and from time to time, to change those standards; to assign overtime; to determine the methods, means, organization and number of personnel by which such operations and services shall be provided or purchased; to make, alter and enforce various rules, regulations, orders and policies; to evaluate employees; to discipline, suspend and discharge employees for just cause (probationary employees without cause); to change, alter, modify, substitute or eliminate existing methods, equipment, uniforms or facilities; to hire employees and to promote employees; to lay off employees when necessary; to determine and establish training requirements for positions within the Department; and to establish,

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change, combine or abolish positions and the job duties of any position in accordance with operational requirements. The Village expressly reserves the right under this Agreement to exercise all management's rights set forth in Section 4 of the Illinois Public Relations Act. In addition, the Village may establish all requirements, rules, policies and procedures concerning the probationary period for newly hired employees.

#### ARTICLE V - HOURS OF WORK AND OVERTIME

**Section 5.1 Application of Article.** This article is intended as a basis for calculating overtime payments and for setting forth the normal work day, work week and work cycle, and nothing in this Article or Agreement shall be construed as a guarantee of hours of work per day or per week or per work cycle.

**Section 5.2 Work Schedule.** Except as provided elsewhere in this Agreement, union members assigned to fire suppression and paramedic duties will be normally assigned to a three day shift rotation consisting of 24 hours of work (commencing at 7:00 a.m.), followed by 48 hours off duty. Union members assigned to full-time administrative or other duties will be normally assigned to work 8 hours per day (commencing 8:00 a.m. to 5:00 p.m.) with a one hour non-paid lunch.

**Section 5.3 Work Reduction Days.** Union members will work a 27-day work cycle and work reduction days will be applied in accordance with the FLSA. Two (2) 12 hour segments will be combined to provide (1) 24 hour shift off duty without loss of pay each 54 day period.

It is understood that Work Reduction Days are scheduled by the Village, and union members will receive off the Work Reduction Day as scheduled regardless of other reasons (e.g., sickness disability). Normally only two personnel will be scheduled off at any time, because of the number of personnel, a third slot may be available on some days. Employees who quit, terminate, retire or otherwise leave the Village's employment during the calendar year are not entitled to compensation for any unused Work Reduction Days.

**Section 5.4 Changes in Normal Work Schedule any Workday.** The shifts, workdays, and hours to which union members are assigned shall be stated on

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the departmental work schedule. Should it be necessary to modify such schedules or to establish temporary or permanent schedules departing from normal work schedules or work cycles, the Village will give notice where practicable of such change to the union members affected by such change. It is also understood by the parties that the scheduling of work during the day is left to the discretion of the Chief or his designee(s). Breaks of fifteen (15) minutes are expected to be taken pursuant to guidelines established. Meals will be ordinarily scheduled close to regular meal periods, although if interrupted by emergency calls, may be completed when released by the officer in charge. Abuse of privileges concerning breaks and mealtime may subject an employee to discipline.

**Section 5.5 Work Cycle and Overtime.** All union members assigned to a regular 24 hour duty shift will be assigned to a 27 day work cycle. The Village may assign different work cycles to different union members, and take other steps as necessary to implement the intent of this Article, including the commencement of the cycle at 7:00 p.m. during a shift. Once assigned to a 27 day work cycle, employees assigned to 24 hour shifts are eligible for overtime pay for time worked in excess of 204 hours in 27 day cycle.

All time worked under this Article in excess of the hour limits set forth above shall be compensated at time and one-half the regular hourly rate in effect when the hours are worked. For the purpose of this Article, the annualized number of hours shall be set at 2756 for 24 hour union members, and 2080 for all other union members, for calculating the regular rate. In the event a union member not regularly assigned to work 24 hour shifts is assigned to and works a 24 hour shift, his overtime rate shall be calculated as set forth above for 24 hour shift union member. In addition, for the purpose of this Article, time worked shall be defined to include those hours for which the union member actively performs services for the Village as well as any additional benefit time granted by the Village.

The Village will make available to paramedic union members in service training at the fire station and clinical hours at the hospital each month. If the union member is not present for this in-house training and the session needs to be attended by the union member to retain certification or to keep current in training, it shall be the responsibility of the union member to make up this time (including, but not limited to, retesting and refresher training) at no cost to the Village. Overtime will be paid only if scheduled training falls on a scheduled vacation, Work Reduction Day or earned day off.

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**Section 5.6 Voluntary Hire Back.** When a union member, at the request of the Village, voluntarily works a part or all of a shift that he has not been otherwise scheduled to work the hours shall constitute time worked and shall be compensated either at his regular rate or his overtime rate, as may be in effect.

**Section 5.7 Hold Over.** When a union member is requested by the Village to work additional time without interruption immediately after his regularly scheduled work shift, the hours shall constitute time worked and be compensated whether at his regular rate or his overtime rate, as may be in effect. Time worked under this section shall be accumulated in increments of fifteen (15) minutes.

**Section 5.8 Forced Hire Back.** The Village shall have the right to require forced hire backs and union members may not refuse forced hire back assignments. To assist in establishing a fair and equitable manner for the distribution of forced hire backs, the following procedure will be followed to the extent reasonably possible in instances except where immediate action is necessary under Section 5.9, for work that is assigned under Section 5.7, or personnel resources are unavailable or unreachable.

When a union member is ordered to work a part or all of a shift after volunteers are not found, the union member will be paid for such hours at time and one-half his regular rate in effect, with a minimum guarantee of two (2) hours pay at his overtime rate. Union members must not be forced back for:

1. more than one Village recognized holiday in a 366 day period (e.g. a union member forced back on July 4<sup>th</sup> cannot be forced back for a Village recognized holiday until the day after the next July 4<sup>th</sup>).
2. more than one special event in a 366 day period (e.g. same as above).
3. if a union member would incur a financial loss due to a planned vacation.
4. in between the following scheduled days off (Vacation, Floating, Duty Trades or Work Reduction Days).

**Section 5.9 Emergency Call Back.** When a union member is called in or called back to work other than for holdover work or voluntary hireback, for the purpose of responding to an emergency call for assistance, he will be paid

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for such hours at time and one-half his regular rate in effect, with a minimum guarantee of one (1) hour pay at his overtime rate.

**Section 5.10 Overtime Procedure.** Both the Village and the Union understand the necessity for proper staffing. The Village therefore shall have the right to require overtime work and union members may not refuse overtime assignments. To assist in establishing a fair and equitable manner for the distribution of overtime, the following procedure will be followed to the extent reasonably possible in instances except where immediate action is necessary under Section 5.9, for work that is assigned under Section 5.7, or personnel resources are unavailable or unreachable.

There will be three lists comprised of union members only. After newly hired union members are assigned to shift and granted temporary ALS privileges from the Resource EMS Hospital, they will be placed at the bottom of the list according to seniority. List A will be for more than twelve (12) hour shifts. List B will be used for twelve (12) hours or less. List C is for special events. Special event overtime will be the only overtime employees may sign up for in advance.

Union members who have worked forty-eight (48) hours continuously shall not be eligible to work a hireback, force back, hold over for hire back, or special events except as exempted by other language. Those union members shall retain their position on the list and have at least twelve (12) hours off duty before being required to work a hire back, force back, hold over for hire back, or special duty. Union members shall also have twelve (12) hours off duty prior to forty-eight (48) hours continuous duty. Any union member enrolled in a department approved or sponsored class/school or other schooling related to the fire service position shall not be eligible for force back, hold over or special duty. Union members in class or school shall retain their position on the hire back lists. Union members are required to submit a class schedule upon their receipt of schedule or approval to any class/school/semester under which the above clause may be exercised prior to the commencement of such schedule.

There shall be no more than the authorized number of lieutenants on duty, unless one additional lieutenant is in the Acting Captain position. Union members from one rank cannot be used to fill another rank below their rank for hire back basis, except when an unusual emergency condition exists per the Fire Chief or his Designee.



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When staffing requires overtime in advance, the shift commander or his designee shall initiate an automated call out for union members (when the paging system is available) on the appropriate list four (4) days prior. Whenever there is new overtime the shift commander or his designee shall start at the top of the list and work his way down unless using the automated call system. When overtime arises with less than four (4) days notification, the hire back process will be started as soon as reasonably possible. In all cases, on duty union members will be notified of the overtime so they are also aware of it.

Automated call system process: All union members will be loaded into the system with their preferred choice of communication – email (must be an email that they would receive off duty and receive notification of its arrival), text message phone number, or phone number for voice message (should have voice mail or answering machine). A page will be set up indicating 1) the date and time of the overtime, 2) type of personnel needed & 3) length of overtime (which list is being used). Those union members wishing to take the OT must call station 1 – at the designated extension within 20 minutes. The officer conducting the hire back will notify the person highest on the list ~~at the 20 minute mark~~ as soon as reasonable. Do not call in to refuse overtime. ~~Only personnel that are on shift and higher than the person receiving the OT on the list can refuse OT and be moved.~~ If no one calls within the 20 minutes, the hire back or potential force back will occur from on shift personnel.

~~Should a union member refuse overtime, the shift commander or his designee will place the union member at the bottom of the list.~~ If a union member is not personally contacted, he shall remain in their same position. When a union member takes a hire back, he will be placed at the bottom of the list also.

~~Once an individual takes a hireback off any list, his/her name will be placed on the bottom of that list. Once an individual is awarded overtime off any list, his/her name will be placed at the bottom of that list. If the overtime is canceled, that member shall be placed on the second chance list. They will remain on the second chance list for a maximum of 45 days. After 45 days, or if the member is awarded or forced back for overtime from the same list within 45 days, the member will be removed from the second chance list and remain in their current position on the list.~~ Hours needed for hireback personnel will not be broken down into smaller increments. Procedural notes: A union member will not be forced back for more than one Village recognized

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Holiday in a 366 day period as outlined in Article 5.8, Section 1. Union members with verifiable vacation plans that would be adversely impacted by a force back will be passed over.

**Section 5.11 No Pyramiding.** Compensation shall not be paid more than once for the same hours under any provision of this Article or Agreement.

## ARTICLE VI - GRIEVANCE PROCEDURE

**Section 6.1 Definition.** A “grievance” is defined as a dispute or difference of opinion raised by a union member against the Village during the term of this Agreement involving an alleged violation of an express provision of this Agreement, except that any dispute or difference of opinion concerning discipline of 24 hour suspension or less, hiring or promotion, or any other matter or issue subject to the historic and statutory jurisdiction of the Village of Lake Zurich Board of Police and Fire commissioners shall not be subject to this grievance procedure. A suspension of 24 hours or less may only be appealed to the Board of Fire and Police Commissioners of the Village.

The impact of discipline greater than a suspension of 24 hours, may be appealed at the union member’s option either to the Board of Fire and Police Commissioners or handled by way of arbitration. Only one avenue of appeal for suspensions greater than 24 hours may be used:-

**Section 6.2 Grievance Procedure.** It is mutually desirable for a union member and his immediate supervisor to resolve problems through free and informal discussions. If, however, the informal process does not resolve the matter, a grievance shall be processed as follows:

**STEP 1:** The union member, with or without a Union representative, or the Union in the event of a grievance affecting all union members shall take up a grievance in writing with the Shift Captain ~~or Deputy Chief~~ within fifteen (15) calendar days of its occurrence. The grievance shall be signed by the griev~~er~~<sup>ee</sup> and shall set forth all relevant facts, the provision or provisions of the Agreement allegedly violated, and the relief requested. The Captain/~~Deputy Chief or his designee~~ shall then attempt to adjust the matter and shall respond in writing within fifteen (15) calendar days.

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No grievance shall be entertained or processed unless it is submitted at Step 1 within fifteen (15) calendar days after the occurrence of the event giving rise to the grievance or within fifteen (15) calendar days after the union member, through the use of reasonable diligence, could have obtained knowledge of the occurrence or the event giving rise to the grievance. The fifteen (15) days can be waived if both parties agree, in writing, to discuss the matter in an attempt to resolve it prior to filing.

**STEP 2:** If the grievance remains unsettled after the response in Step 1, then the union member may, within fifteen (15) calendar days of receipt of the response, present the grievance in writing to the Chief, giving reasons for rejecting the response in Step 1. The Chief or his designee shall then attempt to adjust the matter and shall respond in writing within fifteen (15) calendar days. If the grievance remains unsettled after the response in Step 2, then the union member may, within Thirty (30) calendar days of receipt of the response, present the grievance in writing to the Village Manager, giving reasons for rejecting the Chief's response in Step 2.

**STEP 3:** If no agreement is reached the Village Manager will submit a written response within thirty (30) calendar days of this conference. If no conference is scheduled, the Village Manager shall issue a written response to the grievance within thirty (30) calendar days of receipt of the appeal.

**Section 6.3 Arbitration.** If the grievance is not settled in Step 3, the Union may refer the matter for arbitration by written request made within fifteen (15) calendar days of the Village's response in Step 3. Arbitration shall proceed in the following manner:

1. The parties shall attempt to agree upon an arbitrator within seven (7) calendar days after receipt of the notice of referral. In the event the parties are unable to agree upon the arbitrator, the parties shall jointly request the Federal Mediation and Conciliation Service to submit a panel of seven (7) arbitrators who are members of the National Academy of Arbitrators. Each party retains the right to reject one panel in its entirety and request that a new panel be submitted. Upon receipt of such list, each party shall alternatively strike a name from the list until there is only one name. The party requesting arbitration shall strike the first name. The person remaining shall be the arbitrator. The arbitrator shall be notified of his selection and shall be requested to set

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a time and place for the hearing, subject to the availability of the Village and Union representatives.

2. The arbitrator shall submit his decision in writing within thirty (30) calendar days following the close of the hearing or the submission of the briefs by the parties, whichever is later. The parties may agree to waive this requirement.

3. The fees and expenses of the arbitrator and the cost of a written transcript (if a transcript has been ordered by mutual agreement), if any, shall be divided equally between the Village and the Union provided, however, that each party shall be responsible for compensating its own representatives and witnesses.

4. The arbitrator shall have no right to amend, nullify, ignore, add to, take from or modify any of the provisions of this Agreement. The arbitrator shall consider and decide only the question of act as to whether there has been a violation, misinterpretation or misapplication of the specific provisions of this Agreement. The arbitrator shall be empowered to determine only the issue raised by the grievance as submitted in writing at the First Step. The arbitrator shall have no authority to make a decision on any issue not submitted or raised. The arbitrator shall be without power to make any decision or award which is contrary to or inconsistent with, in any way, applicable laws, or of rules and regulations of administrative bodies that have the force and effect of law. The arbitrator shall not in any way limit or interfere with the powers, duties and responsibilities of the Village under law and applicable court decisions. Any decision or award of the arbitrator rendered within the limitations of this

Section 6.3 shall be final and binding upon the Village, the Union and the union members covered by this Agreement.

**Section 6.4 Time Limit for Filing.** If a grievance is not presented by the union member or the Union within the time limits set forth above, it shall be considered “waived” and may not be further pursued by the union member or the Union. If a grievance is not appealed to the next step within the specified time limit or any agreed extension thereof, it shall be considered settled on the basis of the Village’s last response. If the Village does not respond to a grievance or an appeal thereof within the specified time limits, the aggrieved

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union member and/or the Union may elect to treat the grievance as denied at that step and immediately appeal the grievance to the next step. Any time period provided under the steps of the grievance procedure may be extended by mutual agreement.

#### ARTICLE VII - NO STRIKE/NO LOCKOUT

**Section 7.1 No Strike/No lockout Commitment.** Neither the Union nor any union members covered by this Agreement, agents or employees of the Union, will call, initiate, authorize, participate in, sanction, encourage or ratify any strike, sympathy strike, slowdown, work stoppage or concerted interference with the full, faithful and proper performance of the duties of employment with the Village, regardless of the reason for so doing. Neither the Union nor any employee of the Village shall refuse to cross any picket line, by whomever established, nor refuse to enforce or carry out lawful orders and directives of the Village arising from or related to the performance of Fire Department functions in a labor dispute involving other persons. The Village shall not lockout any union members during the term of this Agreement as the result of a labor dispute.

**Section 7.2 Resumption of Operations and Union Liability.** In the event of action prohibited by Section 7.1 above, the Union and the Union Officers immediately shall disavow such action and request the union members to return to work, and shall use its best efforts to achieve a prompt resumption of normal operations. The Union including its officials and agents, shall not be liable for any damages, direct or indirect, upon complying with the requirements of this Section.

**Section 7.3 Discipline and Judicial Restraint.** The Village retains all rights under law with respect to the enforcement of this Article and the discipline of union members who violate this Article, including but not limited to those rights set forth in Section 17 (b) of the Illinois public Labor Relations Act as it exists upon the execution of this Agreement. Nothing in this Article or Agreement shall preclude the Village or the Union from obtaining judicial restraint, damages or other remedies in the event the Village, the union and/or union member(s) violate this Article, and there shall be no requirement to exhaust other remedies before taking such action.

#### ARTICLE VIII - EARNED TIME OFF

**Section 8.1 Holidays.** Due to the scheduling for union members covered



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under this contract for 24/48 hour work schedule, there will be no holidays designated by specific date. However, union members shall receive floating holidays as outlined in Section 8.3.

**Section 8.2 8 Hour Union Members.** Union members who are assigned to full-time Administrative or other duties and normally are assigned to work 8 hours generally from 8:00 a.m. to 5:00 p.m. shall receive the same benefits as general employees at the Village Hall. Specifically:

1. Work 40 hours per week.
2. Not work on all Village recognized holidays and receive 3 personal days to be used by the union member with the approval of his supervisor which are prorated over one year with no carry over.
3. Follow the vacation schedule as to number of days in accordance with the Village policy manual.
4. Personal Days may be broken into 4 or 8 hour increments only and subject to the approval of the Chief or his designee.

**Section 8.3 Earned Time off.** Union members who are assigned to work 24 hour duty shifts shall receive five (5), 24 hour shifts per calendar year without loss of pay in lieu of any additional pay for working holidays if so scheduled, and if they are not receiving another form of compensation consistent with the provision below. Union members will schedule the five (5), 24 hour shifts off in accordance with Article XII, Section 3.

All Union new hires shall receive 1 full day upon commencement of employment and earn an additional day on the first day of each quarter.

All existing Union members shall receive 1 full day at the start of each calendar year and earn an additional day on the first day of each quarter (January 1, April 1, July 1, October 1) for an annual total of 5.

**Conversion Provision:** In the event a union member incurs a disabling injury or illness during a scheduled earned time off shift, he may request termination of the earned time off shift and entry onto sick leave status. If the union member is hospitalized, a change of status is made on verification of the hospitalization. The union member is required to submit medical certification verifying the disability. The request for change of status requires approval of the Fire Chief or designee. Petitions for any variance to this procedure shall be reviewed by the Chief with no further recourse.

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**Section 8.4 ~~Scheduling of~~ Earned Time After Change of Duty Status.**

In the event a union member incurs a duty related injury or illness during a scheduled earned time off shift and is approved for a change in status to Workers Compensation the following method will be used to ~~reschedule~~ address any unused earned time that would have been taken during the absence.

Upon return to full duty, the union member will provide to the Shift Commander a clearance to full duty release form from the physician. The Shift Commander will complete any required re-education and/or equipment checks based on the duration of the absence. The union member will work the rest of the shift as assigned by the Shift Commander. Any and all earned days that were previously scheduled, during the time frame covered by the Public Employee Disability Act (PEDA) and falling within the same calendar year, but unused due to a change in status to Workers Compensation will be ~~scheduled as described below:~~ paid out upon return to work.

~~Union members will be required to schedule earned days that were missed within thirty days of return to duty.~~

If a union members returns from workers compensation leave after a new calendar year begins, all the earned time not used from the previous year shall be paid out at the union member's current rate of pay. Such pay out shall be in any form of compensation as permitted by law.

~~The union member may not pick an earned day off on a Village recognized Holiday. The union member will be able to take the missed earned days within one year from return to duty.~~

Earned Time is defined as Vacation and Floating Holidays.

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## ARTICLE IX - SUBCONTRACTING

**Section 9.1 General.** It is the general policy of the Village to utilize its employees to perform work they are qualified to perform. However, the Village reserves the right to contract out any work it deems necessary in the exercise of its judgment and consistent with its lawful authority.

**Section 9.2 Notice of Negotiation.** The Village will notify the Union and offer an opportunity to negotiate the effects on the bargaining unit of a proposed contracting out decision only in those instances where such decision will result in the layoff of one (1) or more bargaining unit members. All rights guaranteed Section 14 employees under the Illinois State Public Labor Relations law shall apply to the effects negotiations. The Village may implement its decision regarding subcontracting in these instances one hundred and twenty (120) days following notice of negotiation to the Union over the effects of the decision (absent an agreement), subject to the exercise of Section 14 rights over the effects negotiations.

## ARTICLE X - SENIORITY

**Section 10.1 Definition of Seniority.** As used herein, the term “seniority” shall refer to and be defined as the continuous length of service or employment from the date of last hire as a full-time employee. Union members hired on the same date will be ranked in order of seniority based on their relative ranking on the hiring eligibility list established by the Board of Fire and Police Commissioners. “Classification” seniority or “rank” seniority shall be defined as the total length of service in a particular classification or rank. Seniority accrues after completion of the probationary period set forth below.

**Section 10.2 Probationary Period.** All new union members shall serve a probationary period of twelve (12) months from the date of their assignment to a regular duty shift or to the fire prevention bureau, but in no circumstances will such period be longer than eighteen (18) months from the date of original hire. During a union member’s probationary period the union member may be suspended, laid off, or terminated at the sole discretion of the Village. No grievance shall be presented or entertained in connection with the suspension, layoff, or termination of a probationary union member. Union members who are rehired after loss of seniority shall be subject to the same provisions set forth in this Section.

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There shall be no seniority among probationary union members. Upon successful completion of the probationary period, a union member shall acquire seniority consistent with Section 10.2 which shall be retroactive to his last date of hire with the Village in a full-time position covered by this Agreement.

**Section 10.3 Seniority List.** The Village shall prepare a list ~~during December of each calendar year~~ prior to vacation scheduling setting forth the present seniority dates for all union members covered by the Agreement. Such list shall finally resolve all questions of seniority affecting union members covered by this Agreement ~~-commencing on the eleventh calendar day after posting of such list.~~

**Section 10.4 Seniority Termination.** A union member shall be terminated and his seniority broken when he:

- (a) Quits
- (b) Is discharged
- (c) Is laid off pursuant to the provisions of the applicable Agreement for a period of two (2) years;
- (d) Retires
- (e) Falsifies the reason for a leave of absence under Section 18.1, is found to be working during a leave of absence under Section 18.1 or otherwise violates any conditions imposed for a leave of absence under Section 18.1;
- (f) Fails to report to work at the conclusion of an authorized leave of absence under Section 18.1 or when fit to return to duty after a medical or sick leave;
- (g) Is laid off and fails to notify the Chief of his intention to return to work within the time period specified in Section 11.2;
- (h) Does not perform work for the Village for any reason for a continuous period in excess of twelve (12) months (except for military service or work related injury compensable under workers compensation or layoff under substation (c)); or
- (i) Fails to report to work or notify the Village during an absence of three consecutive work days.

## **ARTICLE XI - LAYOFF AND RECALL**

**Section 11.1 Layoff.** The Village, in its discretion, shall determine whether



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layoffs are necessary. A minimum 60 day notice of any expected layoff will be given to all affected union members and the union board. If it is determined that layoffs are necessary, union members covered by this Agreement will be furloughed by seniority in rank pursuant to the following procedure: The Village will identify the ranks from which personnel will be laid off. Union members shall be initially laid off by order of their rank seniority (defined in Section 10.1). If the layoff occurs in a rank other than the lowest level rank in the Fire Department covered in this bargaining unit, the union member(s) affected will be permitted to bump into the next lowest level rank. The least senior union member(s) based on seniority will then be laid off. This procedure shall be followed until the least senior union member in the Fire Department are laid off.

**Section 11.2 Recall.** Union members who are laid off shall be placed on a recall list for a period of Five (5) years. If there is a recall, union members who are still on the recall list shall be recalled, in the inverse order of their layoff, provided they are fully qualified to perform the work to which they are recalled without further training. Union members must meet current Resource hospital system requirements at time of recall. Union members on the recall list will be offered a position as a paid-on-call member in order to attend in-station continuing education classes at the department.

Union members who are eligible for recall shall be given notice of recall by delivery of such recall notice at the union member's last address on file with the Village by certified mail, return receipt requested. The recalled union member shall notify the Village of his intention to work within 10 days of the receipt of the notice and shall return to work no later than the 30th day following the date of the notice. The Village shall be deemed to have fulfilled its obligations by mailing the recall notice by certified mail, return receipt requested, to the mailing address last provided by the union member, it being the obligation of the union member to provide the Village Manager or his designee with his last mailing address. If any union member fails to timely report for duty following receipt of a recall notice, his name shall be removed from the recall list.

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## ARTICLE XII - VACATIONS

Section 12.1 Eligibility and Allowances. Vacation accruals shall begin at the first full pay period of the employee's start date and end on the last full pay period of employment according to the schedule listed below. Any changes to the accrual rate shall occur on the first full pay period following the employee's anniversary date and are based on 24-hour shifts.

<u>Length of Continuous Service</u>	<u>Vacation hours earned per pay period</u>
<u>Year one through completion of six years of service per year</u>	<u>4.62 hours capped at 120 hours</u>
<u>Seven years through completion of ten years of service per year</u>	<u>7.38 hours capped at 192 hours</u>
<u>Eleven years through completion of fourteen years of service per year</u>	<u>10.15 hours capped at 264 hours</u>
<u>Fifteen years of service or more</u>	<u>12.00 hours capped at 312 hours per year</u>

~~Union members shall be eligible for paid vacation as follows. The number of work days of vacation that a union member is eligible to receive in each calendar year shall be based on the number of years of continuous service in a position covered by this Agreement that the union member will complete as of the anniversary date of his employment during the calendar year in accord with the schedule below. Vacation allowances that are not taken during the calendar year shall not be carried over into subsequent years and shall be forfeited provided the union member was able to schedule such days and was able in fact to take those scheduled vacation days. Vacation allowances are awarded under the following schedule: These days are accrued for each month of work at the rate of the yearly allotment divided by twelve (12). Unless required by the Family and Medical Leave Act, Public Safety Employees Benefit Act, Public Employee Disability Act, Uniformed Services Employment and Reemployment Rights Act, or a similar legal requirement,~~

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vacation days are not accrued for any calendar month in which the union member performs no work for the Village for 30 days or more and is in unpaid status.

<u>Length of Continuous Service</u>	<u>Working Days Vacation</u> <u>— Per Calendar Year</u>
<del>One year through completion</del>	<del>5 shift days (120 hours)</del>
<del>— of six years of service</del>	<del>10 hours per month</del>
<del>Seven years of service through</del>	<del>8 shift days (192 hours)</del>
<del>— completion of ten years of service</del>	<del>16 hours per month</del>
<del>Eleven years of service through</del>	<del>11 shift days (264 hours)</del>
<del>— completion of fourteen years</del>	<del>22hours per month</del>
<del>— of service</del>	
<del>Fifteen years of service or more</del>	<del>13 shift days (312 hours)</del>
	<del>26hours per month</del>

~~Accrual begins on day one (1) of employment and switches at the anniversary day as noted above. (example: on the first day of their seventh year, the union member would begin accruing at the new rate of 16 hours per month. Based on the accrual system, the union member is always scheduling days earned over the previous twelve months. In the event the union member terminates employment, there would be accrued vacation days to account for. These days are typically paid off at the prevailing hourly rate on the last check minus any deductions allowed for under this contract.~~

~~Calculations for first year union members:~~

~~Based upon hire date, the union member will be allotted vacation time to schedule at the next vacation picks based on a prorated basis in order to get them to 5 full days per year afterwards. Accruals of less than 12 hours increments are rounded down, accruals of 12 hours or more are rounded to next full day.~~

~~Example: Union member Hired August 1<sup>st</sup>—this would be 50 hours time through December 31<sup>st</sup>. They will be asked to schedule 2 days (48 hours) after August 1<sup>st</sup> of the next year. The following year would then put them at~~

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~~scheduling the entire five (5) days as usual.~~

~~The same scenario occurs when an anniversary is reached where the vacation accrual changes. Using the same union member (moving to second vacation step), January—July 31<sup>st</sup> would be earned at 10 hours per month—70 hours. August 1—December 31<sup>st</sup> would be earned at 16 hours per month or 80 hours for a combined total of 150 hours.  $150/24 = 6.25$ . 6 days would be scheduled in that transition year.~~

~~As a further example, a union member hired in February would calculate as follows: January = 10 hours, Feb—Dec 31<sup>st</sup> = 176 hours, combined total of 186 hours.  $186/24 = 7.75$  days. 8 days would be scheduled in that transition year.~~

Union members may not schedule vacations until after completion of their first year of employment. Given that a union member does not schedule vacation time until after their first year, they will have an accrual of one (1) years vacation at the time they begin scheduling and every year thereafter. Union members who are not assigned to a 24 hour shift shall be eligible to earn and take vacation allowances under the schedule in effect for other non-represented Village personnel provided such time off for vacation or earned time off cannot be reduced below the current benefit level. Union members will not be eligible for paid vacation in any calendar year in which he is not paid for at least 2300 hours (if on 24/48) or 1800 hours (if on an 8 hour schedule).

**Section 12.2 Vacation Pay.** The rate of vacation pay shall be the union member's regular straight-time hourly rate in effect on the payday immediately preceding the vacation. Pay for unused earned vacation will be made upon termination for reasons other than cause, provided the union member has given two weeks notice of his intention to terminate.

**Section 12.3 Scheduling.** Vacations shall be scheduled and approved by the Chief or designee on or before December 22nd of the previous calendar year, consistent with the Fire Department staffing needs, and with the following guidelines. Vacations may be scheduled from January 1 through December 31. Two personnel per shift will be allowed to take vacation, earned time off or Work Reduction Days on a given day, because of the number of personnel, a third slot may be available on some days. Union members shall submit vacation requests to the Chief or designee for the calendar year by December 15 of the preceding year. Union members will follow a two pick system. Each

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union member by seniority order will schedule all of their Vacation days to be allowed for the next year, such scheduling to be completed by each shift. After completing the first round of selections, the union members will complete their selection by seniority for their five (5) (Float) days. The union members on each duty shift shall be responsible for completing this process by December 15 or else the union member's request for particular dates may not be considered. The Chief or designee will follow union member requests consistent with the above and with departmental staffing needs.

A union member on Workers Compensation leave at the time of vacation picks ~~but expected to return in the coming year~~, will be allowed to participate in the selection process. ~~However, the union member may not schedule any earned time prior to the known expected date of return to duty.~~

Work Reduction Days will be scheduled by the Chief or designee for all personnel and all cycles. All days off (Vacation, Work Reduction Days, Floating Holidays) can be scheduled on any given day although no more than two personnel will be scheduled off on any given day, because of the number of personnel, a third slot may be available on some days. Contract personnel will be able to schedule one person off per day unless manpower permits two.

In the event that a union member leaves the department or moves shifts during the year and will not be using days already selected, the following process shall be followed for those vacated slots. Within 10 calendar days after the union member's date of separation or shift change, the ~~next-most~~ senior bargaining unit member of the shift will be offered the available slots and may move as many or none of their days as offered. The process will continue through the entire shift in the order of seniority with each union member given a chance to take any available slot. The process shall be completed within 30 days.

### ARTICLE XIII - SICK LEAVE

**Section 13.1 Purpose.** Sick leave with pay is provided as a benefit in recognition that union members and /or immediate family members residing in the union member's home, or family of the union member requiring your care, do contract various illnesses from time to time; that their financial resources may be diminished in such instances if pay is discontinued; and that it may not be in the best interest or health of the union member or fellow employees for them to work while sick. To the extent permitted by law, sick



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union members are expected to remain at home unless hospitalized, visiting their doctor, or acting pursuant to reasonable instructions for care for themselves or a family member. Unfortunately, Sick Leave abuse sometimes occurs. The parties agree that Sick Leave abuse is a very serious offense. The parties further agree that all reasonable efforts shall be used to ferret out sick leave abuse. Abuse of Sick Leave, including but not limited to feigned illness, carrying out of personal chores unrelated to the illness, other employment, are cause for discipline.

**Section 13.2 Allowance.** Any union member contracting or incurring any non-service connected sickness or disability shall be eligible for Sick Leave with pay under the conditions set forth in this Article.

**Section 13.3 Accumulation.** Sick Leave shall be earned at the rate of 5.54 hours per full pay period. ~~50 (one-half) shift days per month (i.e. 12 hours) capped at 144 hours per year~~, except as set forth below. Earned Sick Leave may be accumulated not to exceed ninety~~-six~~ (9~~6~~<sup>0</sup>) shift days. A newly hired union member will receive 24 hours in their sick bank.

Sick Leave is not earned during a period of a leave of absence without pay, suspension, or when the union member is otherwise in a non-pay status for more than eight (8) calendar days in a month.

**Section 13.4 Sick Leave Payment and Conditions.** Sick Leave pay shall be equivalent to the union member's regular hourly rate of pay in effect at the time Sick Leave is taken. In the case of an absence of more than two (2) consecutive scheduled shifts, the Chief or his designee will require the union member to submit an acceptable physician's certification to be eligible to receive Sick Leave pay for any such time; such certification may also be required in such circumstance before the union member will be allowed to return to work. Failure to produce such certification when requested also results in ineligibility for, and forfeiture of, all Sick Leave pay. In addition, the Village may, at its discretion, require a union member who is receiving Sick Leave pay or who has reported an illness and will be compensated with Sick Leave pay, to submit to an examination by a physician at the Village's expense. Failure to submit to such examination shall result in a forfeiture of all Sick Leave pay. Failure to return to work upon a finding of fitness for duty following such examination shall also result in a forfeiture of all Sick Leave pay commencing after the finding is issued.

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**Section 13.5 Notification.** Notification of absence due to sickness should be given to the on duty shift commander no later than 05:30 of the morning of start of shift, and before every scheduled shift thereafter (unless the requirement of notice is waived by the Chief). Failure to provide proper notice of sickness may be considered an absence without pay, will result in a forfeiture of all Sick Leave pay, and may subject a union member to discipline as well.

**Section 13.6 Sick Leave Buy Back.** When the 5 years equivalent of unused sick leave has been accumulated by December 31 of any year (presently 30 days (720 hours) for 24/48 shift), a union member covered by this agreement is eligible for the Sick Leave Buy Back program. The amount eligible for buy back will be any sick hours earned but not taken during the previous calendar year (144 hours maximum). The payout will be at 50% of union member's current rate of pay.

For example, a union member covered by this agreement may accrue up to 144 hours of sick leave per year. If a union member used 48 hours of sick leave during the year and is above the five-year threshold (720 hours), the union member may buy back up to 96 hours of sick time at 50% of the union member's current rate of pay.

If a union member has reached the maximum accumulation of sick leave (Section 13.3), the union member may still be eligible to participate in the sick leave buy back program if less than 6 days of sick leave were taken during the year. The union member can choose to buy back up to the 6 unused days at 50% of the union member's current rate of pay. The union member's sick accrual bank will be reduced by the full amount of hours. No union member will begin the year in excess of 90 shift days (2,160 hours).

#### EXAMPLE

The union member has reached the cap of 90 shift days. During the calendar year John earns 6 sick days and does not use any sick time, he must request the buyback of 6 shifts at 50% of his current rate of pay.

Union members participating in the sick leave buyback program must notify the Village by January 15<sup>th</sup> of each year. Payouts will be made the first full pay period in February.

**Section 13.7 Retirement Health Savings.** When a union member retires,

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they will be eligible to use 50% of their accumulated, uncompensated and unused sick time, based on their last day base hourly rate, for all medical expenses eligible under IRS guidelines. A report shall be prepared by the Village at time of retirement to indicate the amount of accumulated Retirement Health Savings ~~and shall be updated no later than December 1 of each following year.~~ For the purposes of clarifying this section, retiring shall mean a union member with at least 20 years of pensionable service and having attained age 50 or the granting of a disability pension. Anyone with 20 years of pensionable service but less than age 50, will receive this benefit upon separation of service.

**Section 13.8 Post Employment Health Savings Plan.** The Village agrees to provide a health insurance savings account for its union members. In accordance with the Internal Revenue Service Code, and all applicable federal and state statutes, the savings account will allow the Village to make contributions and enable union members to accumulate reserves, which could be drawn upon, free of federal and state income taxes, to make permitted medical payments including premiums for health insurance upon separation from service or retirement with the Village. The Village agrees to contribute three quarters of one percent (.75%) of the union member's May 1<sup>st</sup> (of each year) base salary into each union member's account by May 15<sup>th</sup> of each year. The Village will deposit accumulated sick leave amounts into the union member's health insurance retirement account in accordance with the terms of Section 13.7 Retirement Health Savings. Union members will be responsible for choosing an investment option for their accounts. The health insurance retirement account will be established and the Village will begin contributions by May 1, 2006 and continue thereafter.

#### **ARTICLE XIV TUITION REIMBURSEMENT AND TRAINING PROGRAMS**

**Section 14.1 Tuition Reimbursement.** Union members shall be eligible for tuition reimbursement pursuant to applicable policies, rules and guidelines established by the Village for its employees. Tuition reimbursements will be granted at public institution rates. Tuition reimbursements will be at an in district tuition rate, either Lake County, IL based upon employment location or other College district based upon union member's residence. Any circumstance that would incur higher charges must be prior approved. In the event, a specific course is not available at a public institution; reimbursement at any private institution will be by prior approval only of the Chief or his

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designee. All tuition requests shall be for courses and degree programs that are specifically relative to the union member's field of work through the Baccalaureate level, and of verifiable integrity from accredited institutions.

For budgetary purposes, union members shall notify the employer in writing prior to August 1 of the previous fiscal cycle of any expected reimbursement amounts upcoming. Union members are required to apply for grant or scholarship programs that are brought forth by the department, (annual Fire Chief Association applications as an example) prior to having reimbursements authorized.

**Section 14.2 Mandatory Training Programs.** The Village may schedule training programs for union members, as determined by the Chief. When a union member is directed to attend a training program during his regularly scheduled shift, he will be compensated at the applicable rate of pay in effect for the hours. When a union member is directed to attend a training program during non-working hours, he will be compensated at overtime rate for the hours worked. A union member may be directed to attend a mandatory off duty training program no more than one-time during each calendar year quarter (four times per calendar year). At least fifteen (15) calendar days notice shall be provided of a scheduled mandatory off-duty training program. Attendance at such mandatory off-duty training may be waived by the Chief in his sole discretion on a case by case basis. Special work and training schedules may be established for probationary union members attending training programs.

**Section 14.3 Voluntary Training Programs.** Union members may request permission to attend training programs other than those mandatory scheduled by the Village. In such event, the union member must submit a written request to the Chief or Designee with information regarding the cost, nature, sponsor and place of the program, as well as the expected benefit to the Fire Department of attendance. The Chief may in his discretion excuse the union member on duty time to attend the program, and may also in his discretion reimburse the union member for some or all of his tuition, expenses and travel, and/or provide time off with pay if non-duty time was used to attend the program. The decision of the Chief under this Section shall be reasonably based, but it shall also be final with no recourse to the grievance procedure; provided, however, that the Union may request a meeting over the application of this Section at a Labor Management meeting pursuant to Article XIX. The Village's resources to provide benefits under this Section may be limited or eliminated at any time.

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**Section 14.4 Special Team Training.** ~~Special Teams training shall only be permitted while the employee is off duty unless specifically approved by the Chief or his designee. If a union member is assigned to attend a special team training session while on duty, they will be provided a Village vehicle provided for transportation. In the event no transportation is available, the union member will be relieved of such training or compensated for mileage at the IRS reimbursement rate.~~

#### ARTICLE XV – WAGES

**Section 15.1 Compensation.** The annual compensation schedules for union members during the term of this Agreement are set forth in Appendix A and B. Newly hired union members begin in the first step for the appropriate classification. Advancement shall be in order to successive steps, and steps will not be skipped. Step advancement and Meet Standards (Salary Incentive Pay) is normally made effective on an union member's anniversary date upon recommendation by the Chief to the Village Manager based upon a performance review. However, the Chief may recommend to the Village Manager that a union member's step advancement and/or Meet Standards (salary incentive pay) be delayed for up to six months based upon an overall below-average performance evaluation. Union members who are not meeting expectations shall be notified by the Chief or designee as far in advance of the step increase and Meet Standards (salary incentive pay) anniversary as possible, indicating where they are below and what they can do to meet expectations. In the event the Chief recommends a delayed or denied step increase or Meet Standards (salary incentive pay), he shall state his reasons in writing to the Village Manager, and a copy shall be given to the union member and the Union President. The union member shall state in writing, addressed to the Village Manager and delivered within seven (7) calendar days of receipt of the Chief's recommendation, whether he agrees or disagrees with the Chief's recommendation. The Village Manager shall schedule a meeting with the union member, the Union President and the Chief before he makes the final determination on the recommendation. The Union may assist union members in this process. Certification increase goes into effect the date the Chief receives the state certification.

Wages for incentive pay related to Meet Standards, Preceptor pay, or special team stipends included in Appendix B shall be provided to eligible employees on an additional check that is separate from normal compensation. Separate



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checks will not apply to overtime compensation related to typical job duties.

**Section 15.2 Pension Pick-up.** Pursuant to 40 ILCS, 5/4-118.2 (also known as the Fireman's Downstate Pension Act), the Village agrees to the extent permitted by law to pick up the union member's contribution as allowed by Sec. 4-118.1 of the Act.

**Section 15.3 Work out of Classification Lt. Acting Lieutenant.** Any firefighter who works in the rank of Acting Lieutenant shall be paid the same hourly rate as the first step on the Lieutenant pay scale for that period of time in which the firefighter has been appointed to the acting position for his shift by the Chief or his designee. A firefighter is paid acting pay for all time that they are in the acting role.

The selection for firefighter who is to work as an Acting Lieutenant shall be taken from that shift's listing of individuals in the order in which they rank from top to bottom on the then active lieutenant's list. If there is no firefighter on that shift listed on the lieutenant's listing, or the list is exhausted, the Chief or designee will select the person to fill the position. If an eligibility list is expired, the old list and personnel will be used until a new one is posted.

**Section 15.4 Work out of Classification Captain. Acting Captain:** Any lieutenant who works in the rank of Acting Captain shall be paid the same hourly rate as the first step on the Captain pay scale for that period of time in which the Lieutenant has been appointed to the acting position for his shift by the Chief or his designee. A lieutenant is paid acting pay for all time that they are in the acting role.

The selection for Lieutenant, who is to work as an Acting Captain, shall be taken from that shift's listing of qualified individuals in the order in which they rank from top to bottom on the then active Captain's list. If there is no Lieutenant on that shift listed on the Captain's listing or the list is exhausted, the Chief or designee will select the person to fill the position. If an eligibility list is expired, the old list and personnel will be used until a new one is posted.

**Section 15.5 Paramedic Preceptor.** For each paramedic student assigned to the Lake Zurich Fire Department the department shall assign a primary and secondary paramedic preceptor. See Appendix B pay schedule.

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Preceptors shall be paramedics in good standing with the current department resource hospital and shall have at least (3) years of service with the Lake Zurich Fire Department.

Each preceptor shall:

1. Have completed the current department resource hospital preceptor program;
2. Be nominated by their assigned Lieutenant and Shift Commander to participate in the program.

## ARTICLE XVI - INSURANCE

**Section 16.1 Health Insurance.** The Village and the Union agree to engage in continuous good faith negotiations with the shared goal of having a fair health insurance program which will reduce the cost of the monthly health insurance premium. ~~Given the current environment of healthcare reform, should changes arise, the Village and Union agree to reopen this section of the contract.~~

The health insurance plans may require a premium contribution by the union member (as listed below), co-pays, deductibles, reimbursement for being out of network, out of pocket maximum for being out of network etc. Union members may select single, single plus spouse, single plus child(ren) or family coverage in one of the health programs offered by the Village during the enrollment period established by the Village. The insurance plan year typically commences on January 1 of each year. The Village shall provide group health Insurance benefits to union members, with such benefits to be provided in the group Insurance policy(s) applicable to all Village employees at the rates assessed under such policy(s) which the Village shall enter from time to time.

Union member contributions to medical insurance premiums:

**PPO Plan:** – Not to exceed 20% of the total PPO premium for whichever coverage is selected.

**HMO Plan:** – Not to exceed 10% of the total HMO premium for whichever coverage is selected.

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**High Deductible PPO Plan:** Not to exceed 10% of the total HDPPO premium for whichever coverage is selected.

Should the Village find it necessary, due to financial or other reasons, to change Insurance carriers, benefit levels, plan types, self-insurance or other modifications of the policy in effect upon the effective date of this agreement, it may do so, provided that the new plans, coverage and benefits are substantially similar to those in effect upon the effective date of this Agreement.

Union members covered by this agreement shall not be required to pay greater premium contributions than the Village requires to be paid by non-bargaining unit personnel.

**Section 16.2 Cost Containment.** The Village reserves the right to institute or modify cost containment measures relative to Insurance coverage so long as the basic level of insurance benefits remains substantially the same. Such changes may include, but are not limited to, health maintenance organizations, mandatory second opinions for elective surgery, pre-admissions except in emergency situations, and mandatory outpatient elective surgery for certain designated surgical procedures. ~~Further, Local 3191 will assist the Village of Lake Zurich by having representatives review potential Health Savings Plan (HSP) options and also review future insurance plan options.~~

**Section 16.3 Terms of Policies to Govern.** The extent of coverage under the Insurance policies referred to in this Article shall be governed by the terms and conditions set forth in said policies. Any questions concerning coverage shall be resolved in accordance with the terms and conditions in said policy and shall not be subject to the grievance procedure set forth in this Agreement; provided, however, any union member who has a question concerning coverage may present it to the Village Manager or the Chief, if the Manager shall so designate, and the Manager or Chief, in turn shall make appropriate inquiry and shall advise the union member of the status of the matter.

**Section 16.4 IRS 125 Plan.** The Village has made available to union members an IRS Section 125 cafeteria plan which allows union members to pay for life Insurance, child care and medical expenses with pre-tax dollars. This benefit shall be made available to union members covered by this contract as long as the plan continues to be allowed by the IRS.

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**ARTICLE XVII - ~~POLICE AND FIRE~~BOARD OF FIRE AND POLICE  
COMMISSION**

The parties recognize that the Board of ~~Police and Fire~~Fire and Police Commissioners ("Board") of the Village of Lake Zurich has certain statutory authority over union members covered by this Agreement, including but not limited to the right to make, alter and to enforce rules and regulations, to discipline and terminate union members, to promote union members in rank positions, to hire union members, and to lay off union members. Nothing in this Agreement is intended in any way to replace or diminish the authority of the ~~Police and Fire~~Board of Fire and Police Commission. Moreover, it is agreed that the Chief shall exercise all functions and responsibilities of a Chief or Fire Chief under the rules and regulations of the Board and the statutory jurisdiction of the Board, notwithstanding any other provisions under state or other law to the contrary, pursuant to Section 15 of the Illinois Public Labor Relations Act.

**ARTICLE XVIII - LEAVES OF ABSENCE**

**Section 18.1 Discretionary Leaves.** The Village may grant a leave of absence to a union member without pay under the following circumstances. Any request for a leave of absence shall be submitted in writing by the union member to the Chief and the Village Manager as far in advance as practicable. The request shall state the reason for the leave of absence and the period of time off desired by the union member. The Village in its discretion may grant such request for a period not to exceed forty-five (45) days, and will set forth the terms and period for such leave. An extension beyond 45 days may be requested and will be considered under unusual circumstances only. Depending on the circumstances of each particular case, the Village may grant a discretionary leave of absence or an extension thereof to accommodate a union member with a handicap or disability. The Village is not required to grant a discretionary leave or extension thereof if it would create an undue hardship for the Village. A leave of absence will not be granted to enable a union member to seek other employment. Union members who engage in unauthorized employment during such leave may be immediately terminated. Seniority shall not accumulate while a union member is on a discretionary leave of absence, although there will be no loss of accumulated seniority. All other economic benefits under this Agreement are terminated during the period of the leave. Credit for vacation, Work Reduction Days, earned time

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off, sick leave and retirement fund shall not be earned during the leave. However, a union member will be allowed to purchase continued group health coverage at his own costs to the extent that may be permitted by the Village's group insurance carrier.

Upon return from a discretionary leave of 45 days or less, a union member will be placed in his prior position. Upon return from a discretionary leave if granted, in excess of 45 days, the Village will place the union member in his previous position if the position is vacant; if not vacant, the union member will be placed in the first available opening in his classification. During a discretionary leave in excess of 45 days granted as an accommodation for a union member's disability or handicap, the union member's prior position shall remain vacant, unless the continued vacancy of the union member's prior position would create an undue hardship upon the Village, in which case the union member will be placed in the first available opening in his classification. If, upon the expiration of a leave of absence, there is no work available for the union member or if the union member could have been laid off according to his seniority except for his leave, he shall go directly on layoff.

A union member on leave of absence will be terminated if he fails to return from a leave at the conclusion of the authorized leave; resigns or is terminated from Village employment while on leave; or accepts employment in any capacity while on leave.

**Section 18.2 ~~Military-USERRA Leave.~~** Military leave of absence for eligible employees shall be provided in accordance with the Uniformed Services Employment and Reemployment Act of 1994 (USERRA), as amended; applicable federal or Illinois state law, as amended; and the policy set forth in the Village of Lake Zurich Employee Handbook. ~~Military leave and compensation during said leave shall be granted in accordance with applicable law.~~

**Section 18.3 Paternity/Maternity Leave.** Disability due to pregnancy as certified by a union member's doctor will be treated like any other sickness or disability. The union member reserves the right to notify the Village when the union member is pregnant when she and her doctor determine that job functions will cause harm to the union member and the unborn fetus. Additional unpaid leave of absence related to maternity where no disability exists may be granted when operational needs are not affected, pursuant to Section 18.1. Return to duty after an unpaid maternity leave is governed by



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Section 18.1. The union member shall also receive all other benefits of the Personnel Policy of the Village of Lake Zurich. It is the intent of the Village of Lake Zurich to follow applicable Family Medical Leave Act provisions in regards to maternity leave.

**Section 18.4 Funeral Leave.** In the event of death in the immediate family (defined as the union member's spouse, children, step-children, adopted children, parents, parents of spouse, step-parents, grandchild, grandparents, brother and sister, brother-in-law, sister-in-law, or a relative who was living in the employee's household), a union member shall be granted time off with pay up to a maximum of three calendar days (one 24 hour shift day) may be needed prior to, after, or the day of the funeral. The union member may request additional time off if needed, with the approval of the Chief or his designee. In the event of a death in the union member's extended family (defined as aunts, uncles, nephews, nieces, spouse's grandparents), the union member will be granted one duty day off with pay for purpose of attending the funeral or wake if he is scheduled to work on the day of the funeral or wake or for out of state transportation. The notification provision found in the Village Employee manual in reference to bereavement leave will be followed.

**Section 18.5 Family Medical Leave Act.** The parties agree that the Employer may adopt, alter and enforce policies in compliance with the Family and Medical Leave Act of 1993 ("FMLA").

**Section 18.6 Catastrophic Leave.** In the event a Union member suffers a non-job-related illness or injury and is unable to work their designated shift, Union members may donate their unused sick time to the ill/injured Union member with the approval of the Chief or designee. Union members may also work the ill/injured Union member's shift regardless of rank if scheduling allows, subject to approval of the Chief or designee. This shall be donated in the form of a no-payback trade. Union members donating must have a minimum of 480 sick leave hours available and may donate a maximum of 10% of their sick time per occurrence. Union members may donate and/or perform one-way duty trades to a maximum of twelve weeks for the ill/injured Union member once the injured worker has exhausted all their paid benefit time.

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## ARTICLE XIX - LABOR MANAGEMENT CONFERENCES

**Section 19.1 Meeting Request.** The Union and the Village agree that in the interest of efficient management and harmonious employee relations, it is desirable that meetings be held if mutually agreed between Union Officers and responsible administrative representatives of the Village which may include the Chief, his designee, or other officials as the Village shall determine. Such meetings may be requested by either party at least seven (7) days in advance by placing in writing a request to the other for a “Labor-Management Conference” and expressly providing the agenda for such meeting if requested by either party. Such meetings shall be limited to:

1. discussion on the implementation and general administration of this Agreement;
2. a sharing of general information of interest to the parties;
3. discussion concerning safety issues affecting employees.

**Section 19.2 Content.** It is expressly understood and agreed that such meeting shall be exclusive of the grievance procedure. Specific grievances being processed under the grievance procedure shall not be considered at “Labor-Management Conference” nor shall negotiations for the purpose of altering any or all of the terms of this Agreement be carried on at such meetings unless both parties agree in writing. The Village will allow the Union officers attending who are on duty to remain in pay status for up to one hour of time spent in a conference when such conference is held during his scheduled duty shift.

## ARTICLE XX - SHIFT TRADES

**Section 20 Shift Trades.** union members of equal classification will be permitted to request permission to trade duty hours under the following conditions. All duty trade requests are subject to final approval of the Chief or his designee based on this Article and on the needs of the department and scheduling. All requests shall be in writing on a form approved by the Chief or his designee. Requests may be made to trade partial shifts. Shift trades must be completed within one year with a “pay back” date (unless “pay back” is not expected), and shall not result in overtime. Once a duty trade is made, the responsibility to work falls on the person that has agreed to work. In the event the person that agreed to work cannot fulfill the trade and has 30 days before the trade is scheduled to occur, it is his/her responsibility to find

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someone to cover the day. If the duty trade cannot be fulfilled and the trade is scheduled to occur within 30 days, the person that agreed to the change will be charged with a sick day if unable to find a replacement. In the event of a worker's compensation injury, any outstanding shift trades the union member has made will be covered by the Village.

## ARTICLE XXI - MAINTENANCE DUTIES

**Section 21.1 Maintenance.** The Village may in its discretion assign whatever maintenance duties it determines to union members provided only that the duties involve facilities, equipment or services that are related to the Village's Fire/Rescue Department. In the event of civic emergency, this restriction may be suspended by order of the Chief or his designee.

**Section 21.2 Scheduling of House Duties.** Regular house duties, drills and training will be normally performed between 0700 and 1700 hours, Monday through Friday. The Chief or his designee may schedule these duties during other times when necessary to complete their regular requirements and schedules including evening drills and training exercises as regularly scheduled. All other duties are not subject to these limitations. House duties shall be normally performed on Saturdays between 0700 and 1300; drills and training exercises may be scheduled at any time on Saturday, although every attempt should be made to schedule them before 13:00 hours. On Sundays and Village recognized holidays, only routine house duties will be scheduled, except that the Village may schedule training on Sundays if it gives employees thirty (30) days notice of its intent to schedule such training on a Sunday, for special training such as Multiple department drills, mass casualty drills, MABAS drills and burn downs ; using this option only four times in a calendar year. This section shall apply only to the duties set forth and shall not otherwise limit the Chief's and the Village's scheduling and direction of work as set forth in Article IV.

Shopping for kitchen supplies will be permitted during routine work hours in a department vehicle subject to calls for service. Shopping shall be done within the company's initial response area or at the closest store within the district as approved by the shift supervisor and shall be generally done between the hours of 7:00 a.m. to 8:30 a.m. A Fire Prevention Bureau vehicle can be used if available at station #3 for shopping but if one is not available, the union member will use a personal vehicle. If a department staff vehicle is

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unavailable at station 4, the union member will take their own vehicle.

## ARTICLE XXII - JURY DUTY & COURT TIME

**Section 22.1 Jury Duty.** A union member called for duty before a recognized court of law will be granted an excused absence with pay for the period of the absence. Union members may keep all compensation received from the courts for serving such jury duty to cover travel expenses. Union members will not be paid by the Village for travel expense or for days they are not scheduled to work. Proof of jury service may be required in order to receive regular compensation during a jury absence. The following details the provisions for compensation and time off while serving jury duty.

- If a union member works on a week day and is assigned to jury duty for that day, the union member does not have to return to duty if jury duty is scheduled for the following day (24 hour compensation).  
If a union member works on a Friday, is assigned to jury duty for that day, and is not scheduled to return to jury duty until Monday, the union member must return to duty after jury duty on Friday.  
Saturday duty days, are to be worked in full, (24) hours, since courts are in recess on Sundays. Days assigned to jury duty which are followed by a holiday requires the union member to return to duty after that days jury service.
- If a union member works on a Sunday and is scheduled for jury duty on Monday, the union member will be excused from duty at 7:00 pm (24 hour compensation), provided that the next day is not a court holiday.
- If a union member is sequestered, the union member will be compensated for the days he is scheduled to work.  
If a union member is released from jury duty, the union member must return to duty immediately (within 3 hours) after the courts release if it falls on an assigned duty day.

**Section 22.2 Court Time.** If a union member is presented with a subpoena to testify in any court of law for a department related matter, they should give notice of the assigned date to their shift commander as soon as possible. For

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attendance at a court, outside normal scheduled shift hours, union members shall be paid at a rate of 1 ½ their straight time hourly rate for all time required to travel to and from the court building and time spent while at the court. Time will be computed on a portal-to-portal basis. The appropriate over-time documentation needs to be completed.

### ARTICLE XXIII - CLOTHING

**Section 23.1 General.** Union members will be provided uniforms and turnout gear upon their hire by the Village as set forth below. Union members who desire replacement or repair of uniform items or turnout gear shall make such request to the Chief or his designee. The Village will reasonably respond to all request for replacement items. In addition, the Chief or designee and the Union President or designee will conduct twice yearly inspections of clothing and turnout gear to assist in complying with this provision. The cost to replace lost/damaged equipment or clothing that was taken out of the station during non-department sponsored events will be the responsibility of the union member.

**Section 23.2 Station Clothing.** All new union members shall be issued, upon hire, a complete set of station uniforms which presently consists of the following:

3 - Long Sleeve Shirts	3 - Short Sleeve Shirts
3 - Blue T-shirts w/Dept. Logo	3 - Pants
2 - Polo Shirts	1 - Hat Badge
1 - Black Belt	1 - Pair of Shoes
1 - Sweatshirt/Pants	1 - Winter/Spring Coat
1 - Baseball Cap	2 - Nameplates
1 - Shirt Badge	

The Village may modify or alter the type, style, nature or number of station clothing items provided the Village provides such items at no cost to the Union member. All union members not assigned to a 24-hour shift shall receive an additional two (2) shirts of each type, and two (2) additional pants. A complete Dress Uniform shall be issued to the union member upon completion of the probationary period.

**Section 23.3 Turnout Gear.** All new union members shall be issued, upon



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hire, the following turnout gear items:

1 - Helmet	1 - Coat
1 - Bunker Pants w/Suspenders	1 – Pair of Fire Fighting Boots
<del>1</del> <sup>2</sup> - Nomex Hood	2 - Pair of Gloves
1 - <del>GUT Belt</del> <u>Escape System</u>	1 - Flashlight

Such turnout gear shall comply with the applicable NFPA standard for that particular item at the time of its purchase.

#### ARTICLE XXIV - GENERAL PROVISIONS

**Section 24.1 Physical Examination.** If a union member seeks to return to duty from a layoff, a sickness, a disability, leave or absence, or for any other period of time not on duty, or if the Chief or designee determines that questions exist as to whether a union member is fit for duty or fit to return to duty, then the Village may require, at its expense, that the union member have a physical examination by a qualified and licensed physician selected by the Village to determine whether the union member is able to perform the essential functions of his job.

In addition, the Village may also establish a policy regarding regular physical exams to be conducted at the Village expense, and may require union members to undergo such physical exams by a qualified licensed physician. If the Village determines that conducting physical examinations at work would cause it to be below minimum staffing requirements as established by the Village, the Village may require that union members undergo physical examinations while off duty without pay at the union member's convenience within thirty (30) days of notice. The failure of the annual physical by any union member covered by this contract shall place the union member on sick leave, if no sick leave is available, other paid time off may be used or the union member may be placed on leave without pay until the union member is able to successfully pass the physical exam.

All union members are required to participate in the annual fitness / wellness evaluation. This evaluation will be used in confidentiality by the Health and Wellness Committee to establish a fitness routine for each person. This fitness routine is designed to better the person's annual fitness/wellness evaluation.

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The Health and Wellness Committee on the department will submit input in regards to the vendor / physician used by the department for annual physicals.

**Section 24.2 Employee Testing and Substance Abuse**

**Section 24.2(A) Policy.** It is the policy of the Village that the public has the reasonable right to expect its Fire/Rescue Department personnel to be free from the effects of drugs and alcohol. It is also the policy of the Village to provide a safe work environment and to protect the public by ensuring that union members have the integrity, stamina, and the physical, mental and emotional ability to perform fire suppression and paramedic duties. The Village, as the employer, therefore has the right to expect its union members to report for work fit and able for duty, and to refrain from any conduct involving the abuse of substances and any other illegal conduct.

**Section 24.2(B) Prohibitions.** Union members shall be prohibited from:

1. Consuming, possessing, buying or transferring alcohol (unless in accordance with duty requirements) at any time during the work day or anywhere on Village premises or job sites, including all Village buildings, properties, and vehicles while engaged in Village business;
2. Possession, using, consuming, transferring, selling, purchasing or delivering any illegal drugs at any time, or unexplained or excessive use or abuse of a legally prescribed drug;
3. Failing to report to their supervisor any known adverse side effects of medication or prescription drugs which they are taking;
4. Reporting for duty or working while under the influence of alcohol or an illegal drug; and
5. Abuse of prescribed control substances (i.e., use of prescribed drugs in a manner inconsistent with physician approval and resulting in adverse job performance).

**Section 24.2(C) Testing.** Where the Village has reasonable suspicion to believe that a union member is then under the influence of alcohol or illegal drugs or has otherwise violated the prohibitions of Section 24.2(B), or in the event a union member is involved in an accident that results in a citation or fatality, the union member shall submit to drug/alcohol testing as outlined in section 24.2(D). The Village shall have the right to require the union member to submit to alcohol and/or drug testing as set forth in this Agreement. There

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shall be no random or unit wide testing of union members, except random testing of an individual union member as authorized below. The foregoing shall not limit the right of the Village to conduct such tests as it may deem appropriate for promotions, for physical examinations to determine fitness for duty in the event a union member has not worked for more than 90 consecutive calendar days, or for persons seeking employment prior to their date of hire. For the purpose of this Agreement, “under the influence” shall mean blood alcohol level equal to or exceeding the level specified in Section 24.2(E)(F) and/or conduct reasonably demonstrating impairment; with regard to drugs and substances of abuse, this term shall mean the presence in the body urine of any legal drug or substance of abuse as defined above, and/or conduct reasonably demonstrating impairment.

**Section 24.2(D) Order to Submit to Testing.** At the time a union member is ordered to submit to testing authorized by this Agreement, the Village shall provide the union member with a written notice of the order setting forth the objective facts and inferences which formed the basis of the order to submit to testing. The union member shall be permitted a reasonable opportunity to consult with a representative of the Union at the time the order is given. However, the testing process shall not be delayed to provide the assistance of a Union representative who is not immediately available. Refusal to submit to such testing when ordered may subject the union member to discipline including discharge, but the union member’s taking of the test shall not be construed as a waiver of any objection or rights that he may have.

**Section 24.2(E) Tests to be Conducted.** In conducting the testing authorized by this Agreement, the Village shall:

1. Use only trained collection site personnel from an accredited National Institute of Drug Abuse (NIDA) testing laboratory and/or medical facility to collect and analyze specimens of blood and/or urine.
2. Verify that the laboratory or facility selected conforms to all NIDA standards;
3. Verify that the laboratory follows a chain of custody procedure for both sample collection and testing that will insure the integrity of the identity of each sample and test result. No union member covered by this Agreement shall be permitted at any time to become a part of such chain of custody;
4. Confirm any sample that tests positive in the initial screening for drugs by testing the second portion of the same sample by

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gas chromatography/mass spectrometry (gcms) or an equivalent or better scientifically accurate and accepted method that provides quantitative data about the detected drug or drug metabolites;

5. Require that the laboratory or hospital facility report to the Village that a blood or urine sample is positive only if both the initial screening and confirmation test are positive for a particular drug;
6. Require that with regard to alcohol testing, for the purpose of determining whether the union member is under the influence of alcohol, test results that show an alcohol concentration of .02 or more based upon the grams of alcohol per 100 milliliters of blood be considered positive;
7. Collect a sufficient sample to allow a sufficient amount to be set aside for later screening by the union member, at the union member's expense, if requested by the union member. A union member who desires to test the sample for his own purpose must notify the Director no later than seven (7) days after the test results are provided to him, and must make all arrangements to conduct such tests;
8. Sample collection may be witnessed if witnessing is part of the regular procedure used by the clinic or medical facility collecting the sample or in a case where the clinic or medical facility reasonably believes such witnessing is necessary in an individual case to preserve the integrity of the procedure;
9. The Village will insure no union member will be subject to any adverse employment action prior to the confirmatory tests results except that the union member may be suspended with pay or reassigned with pay to a temporary assignment and such reassignment or suspension will immediately cease in the event of a negative test result;
10. A union member who intentionally interferes in any way with the testing procedure may be disciplined, up to and including termination;

**Section 24.2(F) Discipline.**

- (a) In the event a union member violates the prohibition against the possession, use, consumption, transfer, sale, purchase, or delivery of any illegal drug (Sec. 24.2(B)(b), or is found to be consuming, buying, selling or transferring alcohol while on duty (Sec. 4.2 (B)

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- (a), he/she shall be terminated.
- (b) In situations other than those set forth in (a) above, no adverse employment action shall be taken by the Village for the first instance that a union member tests positive on both the initial and confirmatory tests for drugs or is found to be under the influence of alcohol, or when a union member voluntarily seeks assistance with respect to a drug or alcohol problem. The foregoing is conditioned upon:
  - (i) the union member agreeing to appropriate treatment as determined by the physician (s) or professional counselors involved;
  - (ii) the union member discontinues his use, possession, or sale of illegal drugs or abuse of alcohol;
  - (iii) the union member completes the course of treatment prescribed, including an after-care group for a period of up to twelve months;
  - (iv) the union member agrees to submit to random testing when ordered up to a maximum of four(4) times during the one year period following the first confirmed positive test. Such random tests shall be held on Monday through Friday between 7:00 a.m. and 8:30 p.m., or Saturday from 7:00 a.m. to 1:30 p.m. Knowledge of such tests shall be limited to persons with a need to know for the purpose of conducting the tests and administering the agreement.

Union members who do not agree to or who do not act in accordance with the foregoing, or who test positive a second or subsequent time for the presence of illegal drugs or alcohol shall be terminated.

The foregoing shall not be construed as an obligation on the part of the Village to retain a union member on active status throughout the period of rehabilitation if it is appropriately determined that the union member's current use of alcohol or drugs prevents such individual from performing his regular duties or whose continuance on active status would constitute a direct threat to the property or safety of others. The foregoing shall not limit the Village's right to discipline union members for misconduct provided such discipline shall not be increased or imposed due to alcohol or drug abuse.

**Section 24.2(G) Grievance Procedure.** In the event of disciplinary action subject to the exclusive jurisdiction of the Board of Fire and Police



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Commissioners, neither the union member nor the Union shall be allowed to submit any matters arising under this Article or Agreement to the grievance and arbitration procedure, as such matters shall be brought before the Board. In all other situations not involving disciplinary action subject to the Board's exclusive jurisdiction, the grievance and arbitration provisions of this Agreement will apply.

**Section 24.2(H) Voluntary Request for Assistance.** The Village shall take no adverse employment action against any union member solely because of his request for assistance. A union member who voluntarily requests such assistance may not avoid the application of any action under this Agreement which was begun or was immediately forthcoming by requesting such assistance. Moreover, a union member, once he voluntarily requests assistance, is subject to the terms of this Agreement including but not limited to all provisions concerning treatment programs and prohibitions against the use and possession of drugs and alcohol. A union member who voluntarily seeks assistance may be temporarily reassigned, suspended with pay, placed on sick leave, disability or other medical leave as may be necessary. Requests for voluntary assistance will be handled in confidence to the extent possible with the information provided to those with a need to know.

**Section 24.3 Injury in the Line of Duty.** In the event a union member incurs an injury in the line of duty covered by 5ILCS 345/1 (1992), the Village and the union member shall abide by the provisions of that statute. For the purpose of defining full pay and benefits under that statute, a union member shall receive all benefits under the terms of this Agreement except Work Reduction Days (Section 5.3) for the time he is receiving benefits under that statute. Moreover, a union member who does not abide by the restrictions of that statute concerning employment may be disciplined, up to and including termination, in addition to any other remedies available to the Village.

**Section 24.3(A) Light Duty.** Light Duty refers to a department provision that may allow injured full-time union members an opportunity to come back to work in a restricted yet productive function. Light Duty pertains only to injuries where the union member is expected to return to full duty. The Light Duty provision is not designed to be a long term or permanent assignment. Furthermore, a Light Duty assignment for off the job injuries may be offered to give a union member an opportunity to retain their regular salary without disruption. The Light Duty provision is categorized into two categories:

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On The Job Injury (Workers Compensation)  
Off The Job Injury (Non-Workers Compensation)

### **ON THE JOB INJURY (WORKERS COMPENSATION)**

When a union member is injured on duty while performing his/her duties and responsibilities as outlined in their respective job description, that union member can be directed to return back to work as soon as they are cleared for Light Duty assignments by their physician. The physician release to Light Duty shall include all limitations placed on the union member along with a date for the next scheduled appointment. The release to Light Duty work form shall also be signed by the attending physician. The department may schedule productive Light Duty assignments that fit the restrictions of the union member based on the physician return to work statement. Failure to report to Light Duty once released by the physician with workable restrictions and subsequently directed by the department may result in disciplinary action.

### **OFF DUTY INJURY (NON WORKERS COMPENSATION)**

Union members injured off duty may be offered Light Duty assignments in order to keep them active and on the payroll. The Chief or designee may grant light Duty if there is productive work/projects that need to be completed and if the fiscal impact is not detrimental to the operational budget. A written request for Light Duty from the union member is necessary for consideration.

### **HOURS/DAYS OF LIGHT DUTY WORK**

Union members offered Light Duty status after an off the job injury will typically work a forty hour workweek, Monday through Friday from 8:00 AM to 5:00 PM with a 1 hour unpaid lunch break. Adjustments in the daily work hours can be made by the department to accommodate time for related medical appointments, prescribed therapy and personal schedules on a case by case basis. Therapy and medical appointments should be scheduled at the end of the day in order to provide the department a consistent time frame to schedule productive assignments without interruption.

Union members offered Light Duty status after an on the job injury will work light duty on their regularly scheduled and assigned duty days only from 7:00 AM to 6:00 PM with a one hour unpaid lunch and two fifteen minute breaks. Regularly scheduled and assigned duty days include weekends and holidays. Union members will not earn or be eligible for

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Work Reduction Days during light duty status. Personnel may utilize earned time off in lieu of light duty if desired. Union members may request to duty trade a weekend or holiday shift for a weekday if so desired. The weekday should be in close proximity to the day traded.

#### **DRESS CODE FOR LIGHT DUTY**

Union members working light duty will report in their complete daily uniform unless it is not practical or detrimental to the injury.

**Section 24.4 Smoking/Tobacco Product Use.** In keeping with the Village's intent to provide a safe and healthy work environment and in conformance with the Smoke-Free Illinois Act, smoking by union members on Village property is limited to designated smoking areas during the union member's lunch or break periods, this includes the hours after 5pm for the fire department. Village property includes Village vehicles and equipment.

**Section 24.5 Residency.** Union members must live within Forty (40) miles of the district boundary as measured by air miles. As union members choose to live further from their workplace, it is important that the union member ensures that they report for duty on time and no excuse is offered because of travel distance.

**Section 24.6 License Renewal Expense.** The Village shall cover the expense for paramedic license renewal if enacted by the State of Illinois. The Village will also cover renewal costs for department sanctioned Peer Fitness Trainers.

#### **ARTICLE XXV – PROMOTIONS ACT**

**Section 25.1 General.** Promotions to the ranks of Lieutenant and Captain shall be conducted in accordance with the provisions of the Fire Department Promotional Act, effective August 4, 2003, Public Act 93-0411 and any subsequent amendments (hereinafter the "Act"). Except as modified by the terms of this Article, the procedures for promotions shall be made in accordance with the provisions of the Act.

**Section 25.2 Eligibility.** Eligibility for promotions will be based on the Board of Fire and Police Commissioners Rules and Regulations set forth prerequisites for testing.

#### **Promotion to Lieutenant**

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To be eligible for promotion to Lieutenant, Firefighter/Paramedics must complete five (5) years in rank as a FF/PM with the Lake Zurich Fire Department at the time of the expiration date of the current eligibility list for Lieutenant and have ~~obtained-completed~~ Company Fire Officer (CoFO) class or Provisional Fire Officer I and Fire Apparatus Engineer (FAE), Advanced Firefighter/FFIII, and Instructor I as defined by the Office of the State Fire Marshal. Anyone hired after February 16, 2019, must have seven (7) years in rank as a FF/PM with the Lake Zurich Fire Department to be eligible to test for the rank of Lieutenant.

**Promotion to Captain (Shift Commander)**

To be eligible for promotion to Captain, Lieutenant's must complete two (2) years in rank ~~in-with~~ the ~~Village of~~ Lake Zurich Fire Department at the time of the expiration date of the current eligibility list for Captain and have ~~obtained-completed~~ Advanced Fire Officer (AdFO) class or Fire Officer II, and Instructor II, and Incident Safety Officer ~~Provisional Fire Officer 2~~ as defined by the Office of the State Fire Marshal. Any Lieutenant promoted after February 16, 2019, must have four (4) years in rank at the time of the current eligibility list expiration date to be eligible to test for Captain.

**Section 25.3 Components and Scoring.** The components of the test will be scored and posted in the order below with each component score posted prior to the next component. All raw scores shall be multiplied by the weighting factor listed.

Order of Posting		Weighting Factor
1	Seniority (4 Points per year (1point per quarter up to 25 years of full-time service; 20 -100 possible points.	.10 (10%)
2	Ascertained Merit (for a list of criteria see Section 25.6	.15 (15%)
3	Merit and Efficiency –for criteria see Section 25.7;	.15 (15%)
4	Subjective Evaluation Score (see below for included sections; 0 to 100 possible points)	.35 (35%)
5	Written (0 to 100 points possible)	.25 (25%)

Breakdown of portions of the subjective evaluation total and their weight:

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Assessment center (0 to 100 points possible)	.20 (20%)
Assessment center (0 to 100 points possible)	.20 (20%)
Assessment center (0 to 100 points possible)	.20 (20%)
Assessment center (0 to 100 points possible)	.20 (20%)
Commissioners structured oral interview and file review (0 to 100 points possible)	.20 (20%)

*Note: If an assessment center process is added or removed the subjective weighting will be adjusted equally for each section.*

The assessment center process may include, but not be limited to: an oral interview, in-basket exercise, tactical evaluation, writing exercise, group problem solving and leaderless group exercise. The items included in the assessment center process shall be identified at least ninety (90) days prior to the exam at the time the exam notice is posted.

All candidates shall be ranked on the list based on the highest to the lowest points scored on all components of the test. A minimum score of 70% must be attained on both the Subjective Evaluation and the Written Exam. Failure to achieve the minimum score will disqualify the candidate for promotion and their name shall be stricken from the final list of eligibles.

**Section 25.4 Written Exam Review.** A candidate may review the written test results with the testing agency that provided the written exam. The Village will schedule the review following the posting of the initial eligibility list and prior to the final eligibility list between the time the initial posting of the list and the final posting of the list. This coincides with the time frame where candidates may submit military preference points.

**Section 25.5 Promulgation of New or Revised Rules.** The Village agrees to notify the Union in advance of promulgating or implementing any new or revised Village ordinances, rules and regulations, or Board of Fire Commissioners rules and regulations which constitute mandatory subjects of bargaining within the meaning of the Illinois Public Labor Relations Act. Such notice shall be afforded in advance of the effective date of the proposed change to allow the Union ninety (90) days to review and offer effective input



January 202~~5~~<sup>4</sup> Contract

as to the proposed change.

**Section 25.6 Ascertained Merit Criteria.**

**15% portion of the total score.** Ascertained Merit points will be awarded based upon the “Ascertained Merit Worksheet.”

**Ascertained Merit Points**

Promotional candidates must provide the necessary certification and proof of participation in LZFD special team, committee, board affiliation, or advanced classes.

-Special teams association must be one year prior to the expiration date of the current eligibility list for Lieutenant/Captain and be in good standing to be eligible for submission. Prior and current special team service time will be credited for a full year of affiliation from the starting date of the special team training tract through the year of the promotional test announcement, as long as the team member has been in good standing. The LZFD team leader or staff liaison will provide letters of good standing and longevity upon request of the promotional candidate.

-Education Points will be provided to the highest degree attained from an accredited college or university, for example, the candidate has an Associate's degree and a Bachelor's degree the Bachelor's degree would be the only degree recognized for point submission. Only one degree can be submitted per level i.e. 2 Bachelor's degrees only one can be submitted.

-Advanced class points will **not** be accepted for classes required to be eligible for promotion, special team, committees, or job requirements e.g. VMO, FSVO, and Instructor I. Advanced classes shall be provided by an accredited/certified organization. Example: USFA, NFA, IFSI, OSFM, NWC-EMSS, DHS or FEMA-recognized course. Points will be award as 1 point for 8 hours of class time i.e. 40-hour class equals 5 points. Minimum 8-hour class (1 point) for submission.

-Committee points will only be awarded for active and current affiliation as reported by the committee chair to the administration on an annual basis one calendar year prior of committee membership-. Active committees will be posted annually. The list of committees contained in Appendix C will be reviewed for relevance prior to the promotional testing announcement. A maximum of 4 committees can be submitted. The committee chair or staff liaison will provide letters

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of good standing upon request of the promotional candidate.

-All merit points submitted by the candidate will be reviewed for accuracy applicability prior to the awarding of the points, by the administration prior to submission. See Appendix C for Ascertained Merit Worksheet.

<b>Special Team Affiliation</b>	<b>Available Points</b>	<b>Total Points</b>
HAZMAT	4 Points per year	
TRS	4 Points per year	
Dive	4 Points per year	
Investigations	4 Points per year	
Mechanics	2 Points per year	
Wild Land	2 Points per year	
Side scan Sonar	2 Points per year	
Swift Water Rescue	2 Points per year	
	<b>Total — Special Team Points</b>	
<b>Education</b>	<b>Available Points</b>	
Associates — Degree — fire science or public safety	20 Points	
Bachelor's Degree	40 Points	
Master's Degree	60 Points	
	<b>Total — Education Points</b>	
<b>Board Affiliation</b>	<b>Available Points</b>	
Pension Board	2 Points per year	

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<del>Foreign Fire Tax Board</del>	<del>2 Points per year</del>	
<del>Union Executive Board</del>	<del>2 Points per year</del>	
	<del>Total — Board Affiliation Points</del>	
<del>Advanced Classes (5 points max per class)</del>		
<del>1.</del>	<del>1 point per 8 hours class time</del>	
<del>2.</del>	<del>1 point per 8 hours class time</del>	
<del>3.</del>	<del>1 point per 8 hours class time</del>	
<del>4.</del>	<del>1 point per 8 hours class time</del>	
	<del>Total — Advanced Class Points</del>	
<del>Current — Committee Affiliation (one calendar year prior of committee membership)</del>		
<del>Safety/Training</del>	<del>5 Points</del>	
<del>Honor Guard</del>	<del>5 Points</del>	
<del>Apparatus</del>	<del>5 Points</del>	
<del>Fitness</del>	<del>5 Points</del>	
<del>SOG</del>	<del>5 Points</del>	
<del>NWC EMSS Preceptor</del>	<del>5 Points</del>	
<del>Traditions</del>	<del>5 Points</del>	
<del>SCBA</del>	<del>5 Points</del>	
<del>NWC EMSS Committee Liaison</del>	<del>5 Points</del>	
<del>EMS Peer Educator</del>	<del>5 Points</del>	

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<del>CPR</del>	<del>5 Points</del>	
<del>Radio and Communication's</del>	<del>5 Points</del>	
<del>Explorer's</del>	<del>5 Points</del>	
<del>Pre-Plans</del>	<del>5 Points</del>	
<del>Gas Monitors</del>	<del>5 Points</del>	
	<del>5 Points</del>	
	<del>5 Points</del>	
	<del>Total—Committee Points</del>	
	<del>Overall Total</del>	

Total of 150 points maximum.

Conversion formula: total points awarded / points available X 15 =

Ascertained Merit points awarded

Example 120/150X15=12 points

#### **Section 25.7 Merit and Efficiency Criteria.**

**15% portion of total score** (7.5% awarded by Union, 7.5% awarded by Administration.) Individuals will be rated in the following areas using a forced matrix: Leadership, Teamwork, Initiative, and Emergency Scene Performance. Each component score will be factored as follows: Emergency Scene Performance (x.02), Leadership (X.02) Teamwork (X.02) and Initiative (x.015) for a total of 7.5% for each group awarding points. ~~The initiative component will not be evaluated with a forced matrix and will be rated on a scale of 0-100.~~ Seniority will not be a direct component of the merit and efficiency rating. See Appendix D for criteria.

#### **ARTICLE XXVI - SAVINGS CLAUSE**

In the event any Article, section or portion of this Agreement should be held invalid and unenforceable by a Board, Agency or Court of competent jurisdiction, such decision shall apply only to the specific Article, section or portion thereof specified in the Board, Agency or Court decision; and upon the issuance of such a decision, the Village and the union agree to immediately begin negotiations on a substitute for the invalidated Article, section or

| January 202~~5~~<sup>4</sup> Contract

portion thereof.

#### ARTICLE XXVII - ENTIRE AGREEMENT

This Agreement constitutes the complete and entire agreement between the parties for its term. This Agreement supersedes and cancels all prior practices and agreements, whether written or oral which conflict with the express terms of this Agreement.

The parties acknowledge that during the negotiations which resulted in this Agreement, each had the unlimited right and opportunity to make demands and proposals with respect to any subject or matter not removed by law or ordinance from the area of collective bargaining, and that the understandings and agreements arrived at by the parties after the exercise of that right and opportunity are set forth in this Agreement.



January 202~~5~~<sup>4</sup> Contract

### ARTICLE XXVIII - TERMINATION

Upon execution by both parties, this Agreement shall be considered effective as of January 1, 202~~5~~<sup>4</sup>. The Agreement shall remain in full force and effect until 11:59 p.m. on the 31st day of December, 202~~4~~<sup>7</sup>. It shall be automatically renewed from year to year thereafter unless either party shall notify the other in writing at least ninety (90) days prior to the anniversary date that it desires to modify or terminate this Agreement. In the event that such notice is given, negotiations shall begin no later than seventy-five (75) days prior to the anniversary date unless another time is mutually agreed to.

In the event that either party desires to terminate this Agreement, written notice must be given to the other party no less than ten (10) days prior to the desired termination date which shall not be before the anniversary date set forth in the preceding paragraph.

Executed this \_\_\_\_ day of \_\_\_\_\_, 202~~4~~<sup>5</sup>.

VILLAGE OF LAKE ZURICH

PROFESSIONAL FIREFIGHTERS  
OF LAKE ZURICH

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

January 202~~5~~<sup>4</sup> Contract**Appendix A****Wage Scale**

	<b><u>1/1/2020</u></b>	<b><u>1/1/2021</u></b>	<b><u>1/1/2022</u></b>	<b><u>1/1/2023</u></b>	<b><u>1/1/2024</u></b>
1	<del>\$ 66,007.75</del>	<del>\$ 67,657.94</del>	<del>\$ 69,349.39</del>	<del>\$ 71,083.12</del>	<del>\$ 72,860.20</del>
2	<del>\$ 76,273.02</del>	<del>\$ 78,179.85</del>	<del>\$ 80,134.35</del>	<del>\$ 82,137.71</del>	<del>\$ 84,191.15</del>
3	<del>\$ 81,324.63</del>	<del>\$ 83,357.75</del>	<del>\$ 85,441.69</del>	<del>\$ 87,577.73</del>	<del>\$ 89,767.17</del>
4	<del>\$ 87,049.78</del>	<del>\$ 89,226.02</del>	<del>\$ 91,456.67</del>	<del>\$ 93,743.09</del>	<del>\$ 96,086.67</del>
5	<del>\$ 92,438.18</del>	<del>\$ 94,749.13</del>	<del>\$ 97,117.86</del>	<del>\$ 99,545.81</del>	<del>\$ 102,034.46</del>
6	<del>\$ 99,510.43</del>	<del>\$ 101,998.19</del>	<del>\$ 104,548.14</del>	<del>\$ 107,161.84</del>	<del>\$ 109,840.89</del>
1	<del>\$ 105,235.60</del>	<del>\$ 107,866.49</del>	<del>\$ 110,563.15</del>	<del>\$ 113,327.23</del>	<del>\$ 116,160.41</del>
2	<del>\$ 109,950.45</del>	<del>\$ 112,699.21</del>	<del>\$ 115,516.69</del>	<del>\$ 118,404.61</del>	<del>\$ 121,364.73</del>
3	<del>\$ 117,359.47</del>	<del>\$ 120,293.46</del>	<del>\$ 123,300.80</del>	<del>\$ 126,383.32</del>	<del>\$ 129,542.90</del>

	1/1/2024	1/1/2025	01/01/226	1/1/2027
1	\$72,860.20	\$ 79,500.00	\$ 82,282.50	\$ 85,162.39
2	\$84,191.15	\$ 85,860.00	\$ 88,865.10	\$ 91,975.38
3	\$89,767.17	\$ 92,728.80	\$ 95,974.31	\$ 99,333.41
4	\$96,086.67	\$ 100,147.10	\$ 103,652.25	\$ 107,280.08
5	\$102,034.46	\$ 108,158.87	\$ 111,944.43	\$ 115,862.49
6	\$109,840.89	\$ 116,811.58	\$ 120,899.99	\$ 125,131.49
1	\$116,160.41	\$ 122,652.16	\$ 126,944.99	\$ 131,388.06
2	\$121,364.73	\$ 128,784.77	\$ 133,292.24	\$ 137,957.46
3	\$129,542.90	\$ 135,224.01	\$ 139,956.85	\$ 144,855.34

**Retro activity was included back to January 1, 2021.****Wages Part 2****Non-Emergent Functional Pay**

Compensation shall be set at a union member's straight time hourly rate as a minimum for the following functions/committee work: Apparatus, ISO, SCBA repair/testing, Radio, Tactical SOGs, Training, Safety, Peer Fitness Trainer, Honor Guard, EMD and PBPI work, CPR, Special team administrative meetings, Public Education work, and any future committee work so established.

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Overtime rates would be paid for any special duty for which overtime rates are billed by the Village.

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### **Appendix B**

#### **Special Team Stipend**

Special teams are defined as all recognized Division IV Specialized Rescue Teams, or department recognized teams (Including Technical Rescue, Hazardous Materials, Dive Rescue, Investigations, Mechanics, Sonar, and Wild Land). Personnel may participate on more than one team. Payment is made for only one team. Based on an annual payment. Team requirements/training must be maintained. Paid to certified members only.

Team member  
\$1,500.00

Team Leader  
\$1,750.00

#### **Preceptor Pay**

For each student the primary preceptor shall receive 50% of the total amount compensated to the department by the hospital. The secondary preceptor shall receive 25% of the total amount compensated to the department by the hospital.

#### **Meet Standards Pay**

If a firefighter meets standards and has;

7 years of service but less than 15 years	\$500.00 annual payment
15 years of service but less than 20 years	\$1,000.00 annual payment
20 years of service but less than 25 years	\$1,250.00 annual payment
25 years of service or more	\$1,750.00 annual payment

This payment is to be paid on the check of the first full pay period following the union member's anniversary

January 2025~~4~~ Contract**Apenndix C****Ascertained Merit Work Sheet**

For instructions, please refer to ARTICLE XXV Promotion Act of the CBA section 25.6

**Ascertained Merit**

<b><u>Special Team Affiliation</u></b>	<b><u>Available Points</u></b>	<b><u>Total Points</u></b>
<u>HAZMAT</u>	<u>4 Points per year</u>	
<u>TRS</u>	<u>4 Points per year</u>	
<u>Dive</u>	<u>4 Points per year</u>	
<u>Investigations</u>	<u>4 Points per year</u>	
<u>Mechanics</u>	<u>2 Points per year</u>	
<u>Wild Land</u>	<u>2 Points per year</u>	
<u>Side-scan Sonar</u>	<u>2 Points per year</u>	
<u>Swift Water Rescue</u>	<u>2 Points per year</u>	
<b><u>Total Special Team Points</u></b>		

<b><u>Education</u></b>	<b><u>Available Points</u></b>	<b><u>Total Points</u></b>
<u>Associates Degree</u>	<u>20 Points</u>	
<u>Bachelor's Degree</u>	<u>40 Points</u>	
<u>Master's Degree</u>	<u>60 Points</u>	
<b><u>Total Education Points</u></b>		

<b><u>Board Affiliation</u></b>	<b><u>Available Points</u></b>	<b><u>Total Points</u></b>
<u>Pension Board</u>	<u>2 Points per year</u>	
<u>Foreign Fire Tax Board</u>	<u>2 Points per year</u>	
<u>Union Executive Board</u>	<u>2 Points per year</u>	
<b><u>Total Board Affiliation Points</u></b>		

<b><u>Advanced Classes</u></b>	<b><u>Total Points</u></b>
<u>5 points max per class. Minimum of 8 hour class required.</u>	
<u>1.</u>	<u>1 point per 8 hours class</u>
<u>2.</u>	<u>1 point per 8 hours class</u>
<u>3.</u>	<u>1 point per 8 hours class</u>
<u>4.</u>	<u>1 point per 8 hours class</u>
<u>5.</u>	<u>1 point per 8 hours class</u>
<b><u>Total Advanced Class Points</u></b>	



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<u><b>Current Committee Affiliation</b> (one calendar year prior of committee membership and approval of the committee chair and staff liaison) Maximum of 4 committees. Probationary Mentorship will be considered for points to include the previous 3 years.</u>		
<u>EMS</u>	<u>5 Points</u>	
<u>TRAINING &amp; SAFETY</u>	<u>5 Points</u>	
<u>APPARATUS</u>	<u>5 Points</u>	
<u>COMMUNITY RELATIONS</u>	<u>5 Points</u>	
<u>EXPLORERS</u>	<u>5 Points</u>	
<u>SCBA</u>	<u>5 Points</u>	
<u>COMMUNICATIONS&amp; TECHNOLOGY</u>	<u>5 Points</u>	
<u>HONOR GUARD &amp; TRADITIONS</u>	<u>5 Points</u>	
<u>HEALTH &amp; WELLNESS</u>	<u>5 Points</u>	
<u>COMMUNITY RISK REDUCTION</u>	<u>5 Points</u>	
<u>PPE – Turnout Gear</u>	<u>5 Points</u>	
<u>UNIFORMS</u>	<u>5 Points</u>	
<u>PROBATIONARY MENTOR</u>	<u>5 Points</u>	
<u>SOG</u>	<u>5 Points</u>	
<u><b>Total Committee Points</b></u>		
<u><b>Overall Total</b></u>		

Total of 150 points maximum.

Conversion formula: total points awarded/ total points available X 15 = Ascertained Merit points awarded

Example 120/150 X 15 = 12 points

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Appendix D  
Merit and Efficiency (Forced Matrix)

Lt  
Teamwork

1. Accepts and promotes supervisor directives.
2. Is open to constructive criticism.
3. Is respectful and cooperative with others.
4. Involves the entire team when making a decision, when appropriate.
5. Supports and promotes the department's core values.

Emergency Scene Performance

1. Remains calm on emergency scenes.
2. Proficient in the use of and care for all tools and equipment.
3. Well-versed in all SOPs and directives.
4. Overall EMS scene performance.
5. Overall fire scene performance.

Leadership

1. Remains calm and resolves conflict.
2. Takes time to coach and mentor others.
3. Leads by example.
4. Follows the chain of command.
5. Able to make or accept unpopular decisions.

Initiative

1. Is self-motivated and resourceful.
2. Takes the opportunity to act or take charge before others as appropriate to the situation and the role.
3. Identifies and solves problems and offers solutions.
4. Seeks out answers to questions or issues.
5. Volunteers and completes projects and assignments.

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Merit and Efficiency (Forced Matrix)

Captain

Teamwork

1. Optimizes team performance by setting clear goals.
2. Is open to constructive criticism.
3. Is respectful and cooperative with others.
4. Has the ability to prioritize and use time management wisely.
5. Supports and promotes the department's core values.

Emergency Scene Performance

1. Remains calm on emergency scenes.
2. Communicates clearly and commands leadership presence on an emergency scene
3. Is well-versed in all SOPs and directives and maintains best practice expertise.
4. Maintains scene situational awareness.
5. Has the ability to make quick and appropriate decisions with limited information.

Leadership

1. Remains calm and resolves conflict.
2. Is approachable and provides empathy.
3. Allows for group decision-making, when appropriate.
4. Is ethical and transparent.
5. Is able to make and accept unpopular decisions.

Initiative

1. Is self-motivated and resourceful.
2. Takes the opportunity to act or take charge before others as appropriate to the situation and the role.
3. Identifies and solves problems and offers solutions.
4. Seeks out answers to questions or issues.
5. Volunteers and completes projects and assignments.



*At the Heart of Community*

PUBLIC WORKS DEPARTMENT

505 Telser Road  
Lake Zurich, Illinois 60047

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Fax (847) 726-2182  
LakeZurich.org

MEMORANDUM

**Date:** January 15, 2025  
**To:** Ray Keller, Village Manager  
**From:** Michael J. Brown, Director of Public Works  
**Subject:** 2025 Liquid Deicer Sole Source Expenditure

**Issue:** The FY 2025 budget allocates \$24,750 for liquid deicer in the Non-Home Rule Sales Tax Fund. This figure reflects an increase driven by market-based pricing adjustments, rising fuel costs, and logistical challenges, which exceeded staff's initial projections.

**Background:** The Public Works team has adopted the use of liquid de-icing materials to minimize material costs, reduce labor demands, and mitigate the environmental impacts associated with traditional rock salt application. Staff has thoroughly evaluated available liquid de-icing options to ensure optimal performance for winter road maintenance.

Over prior winter seasons, the team conducted testing of regionally available products. Observational and data-driven evaluations, including input from operators, concluded that "Beet Heet" deicer delivers the desired results for the Village.

"Beet Heet," produced exclusively by K-Tech Specialty Coatings Inc., is uniquely formulated to meet our operational needs. This product combines four chlorides—calcium chloride, magnesium chloride, sodium chloride, and potassium chloride—for superior ice-melting performance. Additionally, it includes four carbohydrates—sucrose, glucose, fructose, and raffinose—derived from refined sugar beet molasses. These natural carbohydrates enhance residual coverage, reduce corrosion, and accelerate the melting process, making "Beet Heet" an environmentally conscious and effective choice.

**Analysis:** K-Tech Specialty Coatings “Beet Heet” offers multiple features to substantiate this sole source recommendation:

- **Product Uniqueness:** The liquid deicer from K-Tech Specialty Coatings Inc. features a proprietary blend that provides enhanced effectiveness at low temperatures, as well as significant environmental benefits not available in other products on the market.
- **Compatibility with Existing Equipment:** The product is specifically formulated for seamless integration with the Village’s current application equipment, eliminating the need for costly modifications or additional investments.
- **Proven Performance:** Extensive testing and prior use have confirmed the superior performance of this material in maintaining road safety, reducing salt consumption, and minimizing environmental impacts.
- **Timely Delivery:** K-Tech Specialty Coatings Inc. has demonstrated reliable logistics, ensuring the timely delivery of de-icing materials during critical winter months to support uninterrupted operations.
- **Cost Efficiency:** Although the initial purchase cost is comparable to similar products, the operational savings—achieved through reduced application rates, lower labor demands, and less frequent reapplications—offer substantial long-term economic benefits for the Village.

The cost of the required gallons to ensure effective treatment of Village roads during FY 2025 exceeds the budgeted amount by \$1,899. To address this shortfall, cost savings identified from other programs within the Non-Home Rule Sales Tax Fund will be utilized to offset the increase, ensuring the budget remains balanced without compromising road maintenance.

**Recommendation:** Approve the sole-source expenditure for the purchase of “Beet Heet” liquid deicer from K-Tech Specialty Coatings Inc. in an amount not to exceed \$26,649.00 for FY 2025.

**W/Attachments:** Beet Heet Specification Sheets



# ***BEET HEET***®

***THE RED HOT GREEN DEICER***

Brought to you by

  
**K-TECH**  
SPECIALTY COATINGS, INC.

A Klink Group Company [www.klinkgroup.com](http://www.klinkgroup.com) and sole developer, manufacturer and distributor of BEET HEET®, the best performing deicer in North America.

***BEET HEET***®

users have won the national APWA  
*Excellence in Snow & Ice Control*  
Award 7 times in the last 10 years!



***BEET HEET***®  
***Concentrate Is***  
***99% Biodegradable***  
***"Readily" Biodegradable in 8 days!***



***BEET HEET® is protected and licensed under U.S. Patent No. 6,582,622 and related patents owned by Sears Ecological Applications Co., LLC.***



**In our pursuit of  
EXCELLENCE  
we want to thank**



**Pacific Northwest Snowfighters**



**ANALYTICAL LABORATORIES, INC.**

**Fibertec** environmental services

**SiTU Biosciences, LLC**

***Forensic Dynamics, Inc.***

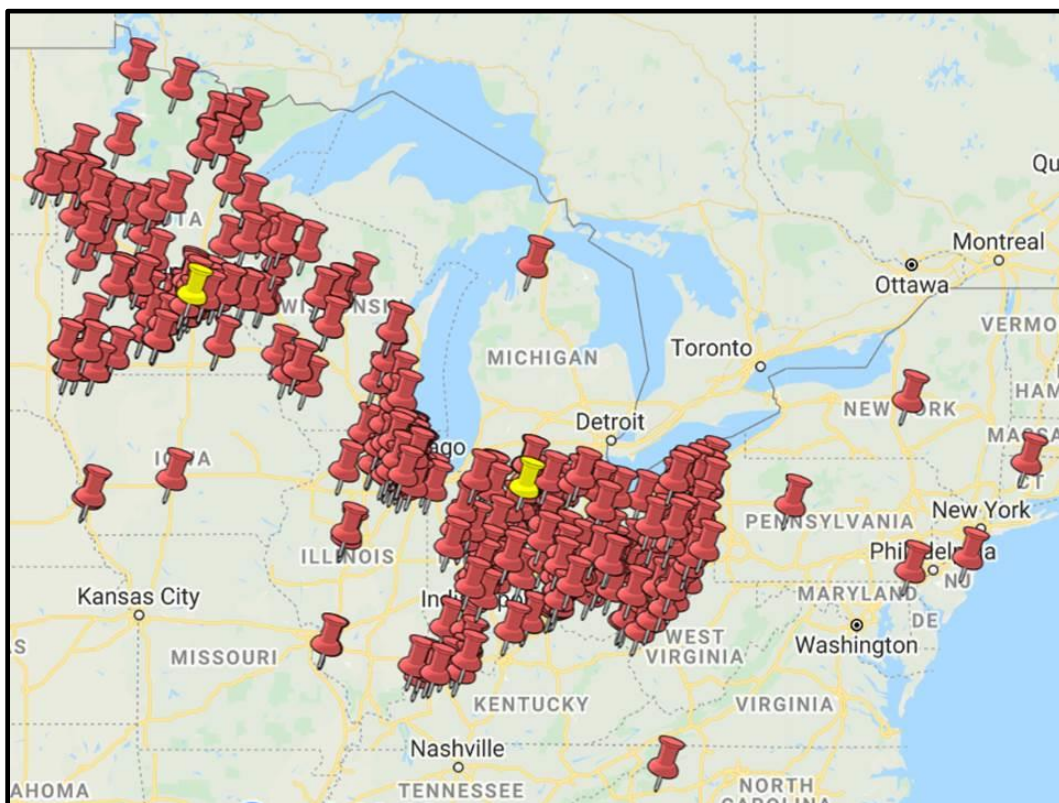


**ADVANCED  
LABORATORIES®**

**RespirTek™**  
CONSULTING LABORATORY

# ***BEET HEET***®

## ***THE RED HOT GREEN DEICER***



Hundreds of agencies in 14 states have transitioned away from 32%  $\text{CaCl}_2$ , “beet juice” and various “super-mix” deicers in favor of ***BEET HEET***. In fact, ***BEET HEET*** users have won the National APWA *Excellence In Snow & Ice Control Award* 7 times in the last 10 years! What do all of these agencies see in ***BEET HEET***? Please read on.

## WHAT IS

# ***BEET HEET***<sup>®</sup>

Far Superior  
Ice Melting  
Performance

High Sugar  
Content - Far  
Superior Residual &  
Anti-bonding

### **4 CHLORIDES**

- Calcium Chloride
- Magnesium Chloride
- Sodium Chloride
- Potassium Chloride

### **4 CARBOHYDRATES**

- Sucrose Sugar
- Glucose Sugar
- Fructose Sugar
- Raffinose Sugar

## What ***BEET HEET***<sup>®</sup> is NOT





## The Importance of Sugar

BEET HEET® Concentrate (BHC) contains significantly more sugar than any organic/chloride deicer in North America. When it comes to enhancing the deicing and anti-icing performance of rock salt and sodium chloride brine, the benefits of adding sugar are far reaching and significantly more important than many snowfighters realize. Here are several performance enhancing benefits that the sugars in BHC provide when BHC is added to rock salt and brine in meaningful levels.

1. The sugars in BHC suppress the freeze point of rock salt and brine.
2. The sugars in BHC lower the effective working temperature of rock salt and brine.
3. The sugars in BHC increase the ice melt capacity of rock salt and brine.
4. The sugars in BHC significantly reduce the corrosion value of rock salt and brine.
5. The sugars in BHC act as cryoprotectants. Cryoprotectants slow down the rate at which melted snow and ice refreeze. This is a huge benefit because most roadway surfaces deicers are applied to are crowned. Slowing down the rate of refreeze allows much more melted snow and ice to run off the road surface before it refreezes.
6. Cryoprotectants also inhibit the formation of ice crystals. Deicers and anti-icers containing sugar at meaningful levels are significantly more effective at preventing frost and ice formations.
7. The sugars in BHC significantly strengthen and extend the anti-bonding characteristics of rock salt and NaCl brine. This is huge considering the costs of chiseling and melting off bonded precipitation verses the costs of peeling off un-bonded precipitation.
8. The sugars in BHC significantly strengthen and extend the residual effect of rock salt and NaCl brine. In fact, just the leftover residue from BHC treated rock salt acts as an effective anti-icer at the next snow event.
9. The sugars in BHC act as a tackifier. Pre-wetting rock salt with a heavy, sticky tackifier reduces bounce and scatter loss far more than pre-wetting agents containing little to no sugar. When it comes to anti-icing, the longer an anti-icer is held in the target area, the more ice it will melt in the target area. Anti-icers with little to no sugar quickly dilute out and are washed away, or they dry up and blow away.
10. The dark sugars in BHC darken rock salt and brine which increases their ability to absorb heat in the form of solar radiation. If they absorb heat, they're also emitting heat, which significantly improves their ice melting capacity. Even on cloudy days about 50% of the sun's radiation reaches the earth's surface. Clear deicers like 32% CaCl<sub>2</sub>, 23.3% NaCl brine and deicers containing corn syrup do not have this transforming ability.



## beet juice vs. BEET HEET®

### DE-SUGARED 55% Solids Beet Juice

- Consistency - Very Inconsistent (Easily verified by laboratory testing)
- Total Sugar Content 18.3% (Average)
- Total Chloride Content 0.6% (Average)
- Total Active Ingredient Content <18.9% (Average) **(48% less vs. BHC)**
- Price Per each 1% of Active Ingredient = \$0.09 **(125% higher vs. BHC)**
- Breathtaking Odor.
- Prone to Bacterial Growth **(Sugar eating bacteria reduces sugar content)**
- Plugging Issues (Tank sludge and plugging issues widely reported)
- Promoted as “non-chloride” deicer but can’t melt ice without adding chloride! Once activated with chloride, beet juice is a chloride deicer.
- At 5 gal. per ton, beet juice treated salt melts about 22.4% less ice than BHC at 25°F.

### **BEET HEET® Concentrate (BHC)**

- Absolutely NO “beet juice” added
- Contains processed beet molasses. (No sludge or plugging issues)
- Consistency - Very Consistent (molasses is not a waste-stream product)
- Total Sugar Content >15.1%
- Total Chloride Content >21.4% (Over 35 times more vs. beet juice)
- Total Active Ingredient Content >36.5% **(93% more vs. beet juice)**
- Price Per 1% of Active Ingredient = \$0.04 **(55% lower vs. beet juice)**
- Odor – Coffee, Syrup or Chocolate (sweet compared to beet juice)
- Bacteria can’t survive in BHC (no loss of sugar either)
- No Plugging or Tank Slugging Issues (none reported)
- Stand Alone Ice Melter (no time and effort of mixing with chloride required)
- At 5 gal. per ton, BHC treated salt melts about 28.8% more ice than beet juice at 25°F.

### **Conclusion**

**Beet juice costs 125% more than BH** when considering price per each 1% of active ingredient! Because beet juice contains 48% less active ingredient than BHC, beet juice treated salt melts about 22.4% less ice than BH treated salt at 25°F. Therefore, beet juice users must use about 28.8% more salt to melt the same amount of ice as BHC treated salt. This means that **beet juice users are discharging much more chloride into their local environment than necessary.**

They’re also spending much more on rock salt than necessary. Transitioning to BHC would allow current beet juice users to reduce their salt application rates by about 22.4% and still melt the same amount of ice as beet juice treated salt. **Transitioning to BH would also decrease beet juice user’s chloride emissions and salt costs by about 22.4%.**





## beet juice vs. BEET HEET®

Category	BEET HEET Concentrate	55% Solids Beet Juice
Appearance	Dark Brown	Dark Brown
Odor	Coffee - Syrup	Offensive
Specific Gravity	1.31 +/- 0.015	1.27 +/- .02
Freeze Point	-23.8°F	-22.5°F*
Weight/Gallon lbs.	10.75 +/- .10	10.5 +/- .20
Solids Content by weight	51%	55%
Ingredient Consistency	Very Consistent	Very <u>In</u> consistent
Non-Exothermic (NaCl, KCl) Chloride Content by weight	6.4%	0.6%*
Exothermic (CaCl <sub>2</sub> ) (MgCl <sub>2</sub> ) Chloride Content by weight	15.0%	0.0%*
Sugar Content by weight	15.1%	18.3%*
<b>Total Active Ingredient Content by wt.</b>	<b>36.5%</b>	<b>18.9%* (48% less)</b>
Fallout	No	Yes
Plugging	No	Yes
Bacterial Growth	No	Yes
Tank Sludge	No	Yes
Requires added chloride to melt ice	No	Yes
<b>Ice Melt Performance @ 25°F (Treated salt @ 5 gal/ton)</b>	<b>28% more</b>	<b>22% less</b>
Ice Melt Performance @ 15°F (Treated salt @ 5 gal/ton)	38% more	27% less
<b>Chloride Emissions @ 25°F (Treated salt @ 5 gal/ton)</b>	<b>22% less †</b>	<b>28% more †</b>
Chloride Emissions @ 15°F (Treated salt @ 5 gal/ton)	27% less †	38% more †
<b>Average Delivered Cost Per Gallon (225 mi from K-Tech)</b>	<b>\$1.43</b>	<b>\$1.70 (18% higher)</b>
<b>Average Delivered Cost Per Each 1% of Active Ingredient</b>	<b>\$0.04</b>	<b>\$0.09 (125% higher)</b>
Average Delivery Time	24 to 48 hours	3 to 5 days
* Averaged count due to product inconsistency		
† Based on the amount of treated rock salt required to melt the same amount of ice.		

## This Is Simple Logic

**More Active Ingredient = Better Performance**  
**Better Performance = Greater Public Safety**  
**Better Performance = Lower Chloride Emissions**

# **BEET HEET**<sup>®</sup>

## **32% CaCl<sub>2</sub> vs. BEET HEET<sup>®</sup>**

### **32% Calcium Chloride (CaCl<sub>2</sub>)**

- Total Sugar Content 0.0%
- Total Chloride Content 32.0%
- Total Active Ingredient Content 32% **(12.3% less vs. BH)**
- PNS Corrosion Value = 121 **(717.5% more corrosive than BH)**
- At 7 gal/ton, 32% CaCl<sub>2</sub> treated salt melts about 27.5% less ice than BH at 25°F.
- **32% CaCl<sub>2</sub> cannot darken rock salt or brine like BH does!** The darker rock salt and brine are, the more solar radiation (heat) they absorb. If they are absorbing heat, they are emitting heat as well.

### **BEET HEET<sup>®</sup> Concentrate (BHC)**

- Total Sugar Content >15.1%
- Total Chloride Content >21.4%
- Total Active Ingredient Content >36.5% **(14.0% more vs. 32% CaCl<sub>2</sub>)**
- PNS Corrosion Value = 14.8 **(87.7% less corrosive than 32% CaCl<sub>2</sub>)**
- At 5 gal. per ton, BHC treated salt melts about 38.1% more ice than 32% CaCl<sub>2</sub> treated salt at 25°F.
- BH darkens rock salt and brine, **transforming them into solar radiation absorbers and heat emitters.** At 27°F, BHC treated rock salt can be as much as 5°F warmer than white rock salt. A 50/50 blend of BHC and 23.3% NaCl brine can be as much as 10°F warmer than a clear chloride solution.

### **Conclusion**

Because 32% CaCl<sub>2</sub> contains 12.3% less active ingredient than BHC and does not contain any sugar, 32% CaCl<sub>2</sub> treated salt melts about 27.5% less ice than BHC treated salt at 25°F. Therefore, 32% CaCl<sub>2</sub> users must use about 38.1% more salt to melt the same amount of ice as BHC treated salt. This means that **32% CaCl<sub>2</sub> users are discharging about 38.1% more chloride into their local environment than necessary.** They're also spending about 38.1% more on rock salt than necessary.

Transitioning to BHC would allow current 32% CaCl<sub>2</sub> users to reduce their salt application rates by about 27.5% and still melt the same amount of ice as 32% CaCl<sub>2</sub> treated salt. They would also be reducing their **chloride emissions and rock salt costs by about 27.5%.**

Because 32% CaCl<sub>2</sub> does not contain dark sugar like BHC, (See page 4 of this booklet) it has no ability to transform rock salt or brine into radiation absorbers and heat emitters. This, along with a 27.5% lower ice melt capacity makes it **impossible for 32% CaCl<sub>2</sub> to outperform BHC in the laboratory or in the field.** Couple these performance shortcomings with the fact that 32% CaCl<sub>2</sub> is over 700% more corrosive than BHC, it's very difficult to justify the use of 32% CaCl<sub>2</sub> over BHC.

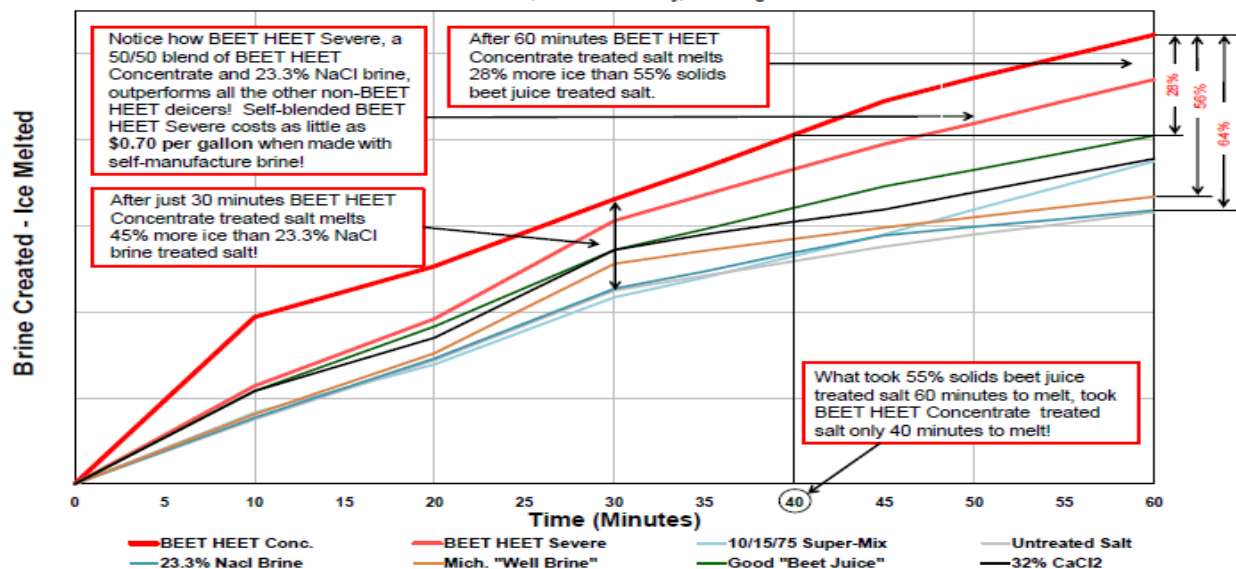
# BEET HEET®

## PERFORMANCE

### Treated Salt Ice Melt Capacity Test Results @ 25°F

Modified SHRP 205.1 Ice Melt Capacity Solids

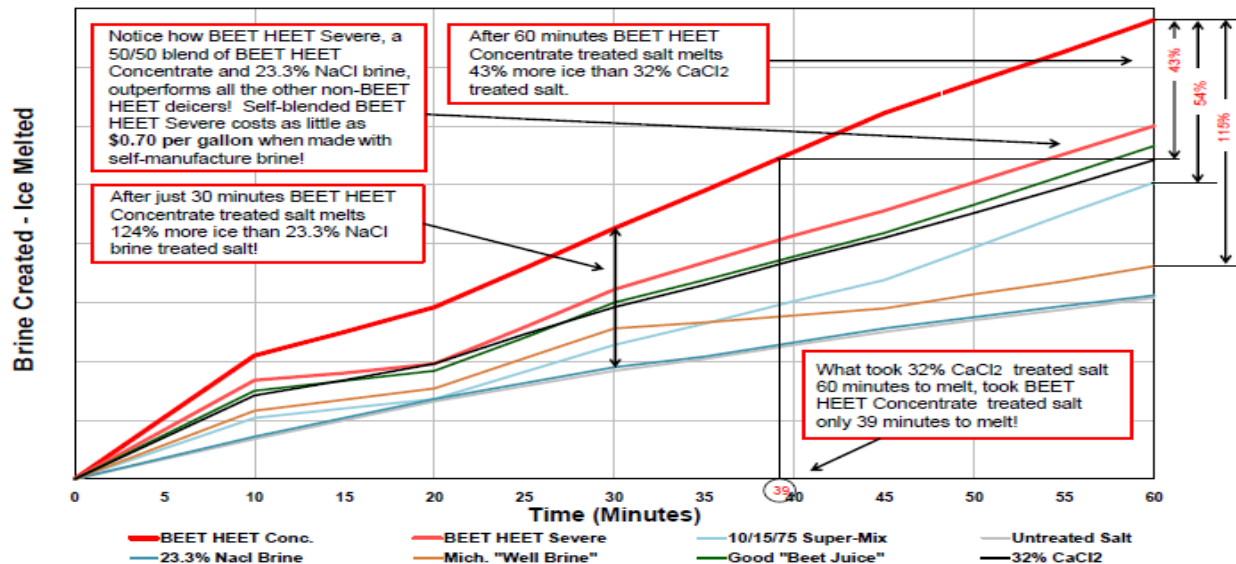
Advanced Laboratories, Inc. Salt Lake City, UT - Margin of Error 3.6%



### Treated Salt Ice Melt Capacity Test Results @ 15°F

Modified SHRP 205.1 Ice Melt Capacity Solids

Advanced Laboratories, Inc. Salt Lake City, UT - Margin of Error 3.6%





## PERFORMANCE

### SALT STOCKPILE TREATMENT

BEET HEET® Concentrate (BHC)

- Evenly apply to salt at 5 gallons per ton and turn until uniformly coated and colored.
- Rock salt must have a moisture content of less than 1.5%
- If the salt's moisture content is greater than 1.5%, apply at 4 gallons per ton

#### Benefits at 5 gal/ton

- Melts up to 65.1% more ice than untreated rock salt at 5 gal. per ton at 25°F\*
- Melts up to 153.2% more ice than untreated rock salt at 5 gal. per ton at 15°F\*
- Melts up to 38.1% more ice than 32% CaCl<sub>2</sub> treated salt at 5 gal. per ton at 25°F\*
- Reduce salt application rates 28% at 25°F if transitioning from "beet juice" pre-wet.
- Reduce salt application rates 27% at 25°F if transitioning from 32% CaCl<sub>2</sub> pre-wet.
- Reduce salt application rates 39% at 25°F if transitioning from untreated rock salt.
- Low effective working surface temperature, Lower than -12.5°F

### SALT PRE-WETTING

BEET HEET® Blends

- BHC can be used as a pre-wet at 100%, but we recommend cutting BHC with 23.3% NaCl brine 50% to 75%.
- Apply at 5 to 20 gallons per ton depending on blend ratio and incoming weather.

#### Benefits

- Melts up to 65% more ice than untreated rock salt at 25°F\*
- Melts up to 153% more ice than untreated rock salt at 15°F\*
- Melts up to 38% more ice than 32% CaCl<sub>2</sub> treated salt at 25°F\*
- Reduce salt application rates up to 28% at 25°F if transitioning from beet juice pre-wet
- Reduce salt application rates up to 39% at 25°F if transitioning from untreated rock salt
- Low effective working surface temperature, -22.5°F

### DIRECT APPLICATION ANTI-ICING & DEICING

- Apply at 20 to 57.5 gallons per l/m depending on BHC/NaCl blend and temperature.

#### Benefits

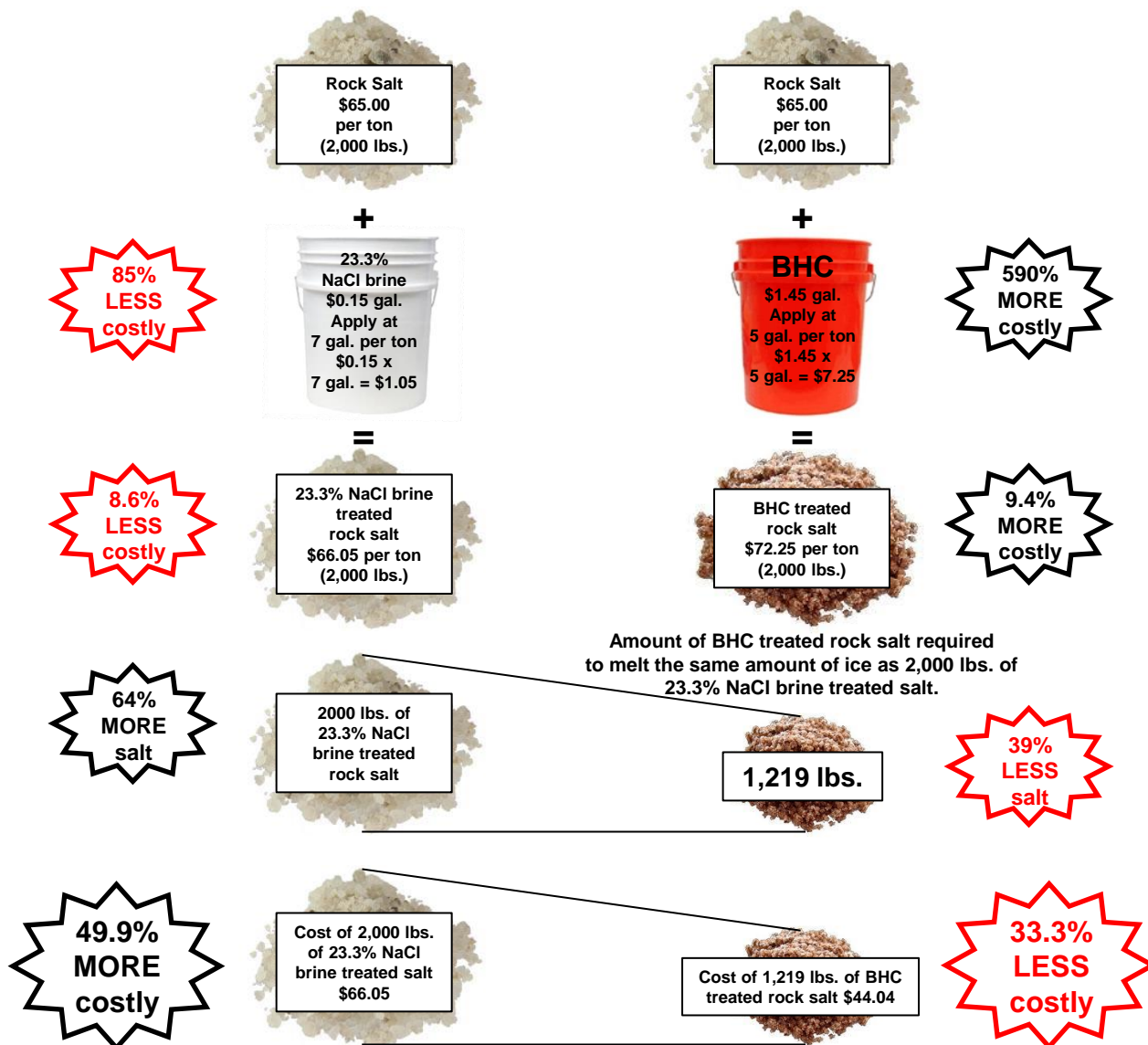
- Melts up to 26% more ice than 23.3% NaCl brine at 20°F\*
- Melts up to 19% more ice than a 10/15/75 "super-mix" anti-icer at 20°F\*
- Melts up to 16% more ice than a S30/70 "beet juice" anti-icer at 20°F\*
- Far superior anti-bonding properties allowing much easier snow and ice removal
- Superior residual properties reducing the number of applications per event and season
- Low effective working surface temperature, -12.5°F to -17.5°F

\* Advanced Laboratories, Inc. Salt Lake City, Utah

# ***BEET HEET***<sup>®</sup>

**Brine treated rock salt is nearly 50% more costly to use than BEET HEET<sup>®</sup> treated salt!**

**23.3% NaCl Brine vs. BEET HEET<sup>®</sup> Concentrate BHC**



# ***BEET HEET***<sup>®</sup>

## **Untreated rock salt is nearly 50% more costly to use than BEET HEET<sup>®</sup> treated salt!**

Untreated rock salt is far and away the most expensive salt any agency could possibly use! When the cost of using untreated rock salt is compared to the cost of using BEET HEET<sup>®</sup> Concentrate (BHC) treated salt, untreated rock salt is nearly 50% more expensive to use than BHC treated salt! Similarly, 23.3% NaCl brine treated salt is also nearly 50% more costly to use than using BHC treated salt!

This is the primary reason advanced agencies treat 100% of their rock salt with BHC, no matter what the temperature is. Using untreated rock salt over BHC treated salt will cost your agency more money even at 25°F and above.

This is exactly why we say: "The initial cost of a salt pre-wetting agent has little to do with saving money! Saving money has everything to do with the performance of your salt!" The sooner you focus on the performance of your salt, rather than the price of your pre-wetting agent, the sooner you'll experience significant savings!

<b>Untreated Salt Cost Calculator</b>			
<b>How much does untreated salt really cost?</b>			
<b>Cost of Untreated Salt</b>			
Tons of untreated salt used per season	1,000		
Cost of untreated salt per ton	\$75.00		
Total cost of untreated salt per season	\$75,000.00	\$75,000.00	
<b>Cost of <i>BEET HEET</i><sup>®</sup> Concentrate Treated Salt</b>			
Tons of <i>BEET HEET</i> <sup>®</sup> treated salt needed to melt the same amount of ice	605.4		
Cost of salt to be treated with <i>BEET HEET</i> <sup>®</sup> Concentrate per ton	\$75.00		
Total cost of salt to be treated with <i>BEET HEET</i> <sup>®</sup> Concentrate per season	\$45,405.00	\$45,405.00	
Gallons of <i>BEET HEET</i> <sup>®</sup> Concentrate required @ 5 gallons per ton	3,027		
Cost of the <i>BEET HEET</i> <sup>®</sup> Concentrate per gallon with freight to midwest	\$1.42		
Total cost of the <i>BEET HEET</i> <sup>®</sup> Concentrate per season	\$4,298.34	\$4,298.34	
Total cost of <i>BEET HEET</i> <sup>®</sup> Concentrate treated salt		\$49,703.34	
Total saved by using <i>BEET HEET</i> <sup>®</sup> Concentrate treated salt rather than untreated salt			\$25,296.66
<div> <b>Untreated salt will actually cost your agency 50.9% more than <i>BEET HEET</i><sup>®</sup> Concentrate treated salt!</b> </div>			



# ***BEET HEET***<sup>®</sup>

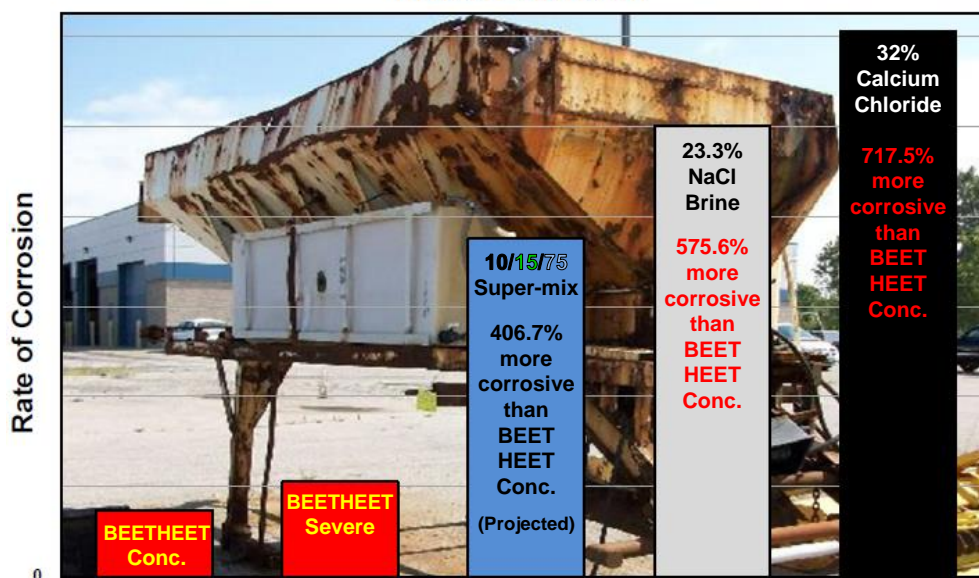
## **CORROSION DATA**

How does BEET HEET<sup>®</sup> Concentrate (BHC) compare to other popular deicers when it comes to corrosion value?

- 32% calcium chloride is more than **700% more corrosive** than BHC.
- 23.3% sodium chloride brine is **575% more corrosive** than BHC.
- A typical “super-mix” deicer containing 10% 32% CaCl<sub>2</sub>, 15% beet juice and 75% 23.3% NaCl, is **400% more corrosive** than BHC.
- Deicers containing beet juice and 23.3% NaCl brine are significantly more corrosive than BHC and they don’t even contain performance enhancing exothermic chlorides.

K-Tech uses all natural sugars to reduce BHC’s corrosion rate. Many, if not all, deicers claiming similar corrosion rates contain added chemicals to reduce corrosion values because they do not contain enough sugar to reduce corrosion values much. BHC contains no added corrosion inhibiting chemicals, just all natural sugar.

NACE Standard TM0169-95 as modified by the  
Pacific Northwest Snowfighters  
Relative Corrosion





# TECHNICAL DATA SHEET

## DESCRIPTION

BEET HEET® Concentrate (BHC) is an organic based, corrosion inhibited, liquid deicer.

BHC is a ready-to-use salt stockpile treatment. BHC can also be cut 50/50 with low cost 23.3% Sodium Chloride (NaCl) brine to create BEET HEET® Severe (BHS) a low cost, high performance, salt pre-wetting agent or direct application deicer/anti-icer.

## COMPOSITION

Beet Molasses (Liquid Sugar)

Calcium Chloride (Liquid  $\text{CaCl}_2$ ) (Exothermic Chloride)

Magnesium Chloride (Liquid  $\text{MgCl}_2$ ) (Exothermic Chloride)

Potassium Chloride (Liquid KCl) (Non-exothermic Chloride)

Sodium Chloride (Liquid NaCl) (Non-exothermic Chloride)

## PERFORMANCE

BHC, contains more total active ingredient than any deicer in North America.

BHC and BHS have greater ice melt capacities than 32%  $\text{CaCl}_2$ , 28%  $\text{MgCl}_2$ , and “beet juice” deicers, at all temperature ranges.

BHC and BHS provide far superior anti-bonding and residual effects than 32%  $\text{CaCl}_2$ , 28%  $\text{MgCl}_2$ , and 23.3% NaCl deicers.

## ENVIRONMENT

BHC and BHS have passed the rigorous testing standards of the Pacific Northwest Snowfighters and are listed on the **PNS Qualified Products List**.

BHC is **99% biodegradable**, and achieves the “**readily biodegradable**” criteria by day 8.

Due to superior ice melting and residual performance, no other salt pre-wetting agent in North America can **reduce chloride emissions** as much as BHC and BHS.

## TYPICAL PROPERTIES

Appearance	Dark Brown Liquid
pH	6.0 – 8.0
Specific Gravity	1.28 – 1.30
Lbs. Per Gallon	10.65 – 10.85
Solids Content	>51%
Odor	Chocolate/Syrup/Coffee.

# **BEET HEET®**

**THE RED HOT GREEN DEICER**

Best  
Ice Melter  
Period!

Lowest  
Priced  
Concentrate  
Available!

## Your options

### Self-cut Concentrate

**BEET HEET® CONCENTRATE** with **3 Chlorides** & **3 Carbohydrates** = \$1.16 per gal  
**BEET HEET® CONCENTRATE** cut 1:1 with your brine to make **BEET HEET® SEVERE**  
**BEET HEET® CONCENTRATE** cut 2:3 with your brine to make **BEET HEET® MODERATE**  
**BEET HEET® CONCENTRATE** cut 1:2 with your brine to make **BEET HEET® TYPICAL**

### Self-Blended “Super-Blends”

Costing examples with self-manufactured NaCl brine at \$0.16 per gallon

**BEET HEET® SEVERE** = **50% CONCENTRATE** + **50% NaCl** = \$0.66 per gal  
**BEET HEET® MODERATE** = **40% CONCENTRATE** + **60% NaCl** = \$0.56 per gal  
**BEET HEET® TYPICAL** = **33% CONCENTRATE** + **67% NaCl** = \$0.50 per gal

PRICES DO NOT INCLUDE FREIGHT

# Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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# PARKS & RECREATION DEPARTMENT

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## MONTHLY INFORMATION REPORT

**December 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

70 E. MAIN STREET  
LAKE ZURICH, IL 60047

### Departmental Narrative

Over 200 people joined the Department at the first ever Merry & Bright Holiday Express held at Breezewald Park Friday, December 13<sup>th</sup> from 5-8pm for a dazzling ride on the Merry Express trackless train bound for the North Pole. Families were able to ride around the park to take in all the lighted features and even got a glimpse of the big guy himself along the way! Refreshments of hot cocoa and cookies were complimentary and provided after the train ride. The event was free to the community due to the train station and trackless train fully sponsored by Bouncing Buckaroos and the hot cocoa sponsored by Starbucks.

The Elf Postal Service operating out of Rotary Park officially closed for the season on Sunday, December 18<sup>th</sup>! Santa responded to over 450 children in our community this holiday season.

The Miracle on Main Street committee will be meeting in January to review the event and survey results from the community, vendors and volunteers. Survey results can be viewed on the following links; please note that the response rate from the community was a bit disappointing with only 2 replies. The Department will make sure that the survey is included in Benchmarks along with the FB post in the future:

Community Survey Results: [https://www.surveymonkey.com/results/SM-gE28qYachwBnNYuWZQlcRg\\_3D\\_3D/](https://www.surveymonkey.com/results/SM-gE28qYachwBnNYuWZQlcRg_3D_3D/)

Vendor Survey Results: [https://www.surveymonkey.com/results/SM-Ok\\_2F8PsiHAX8n4nHP0rObeg\\_3D\\_3D/](https://www.surveymonkey.com/results/SM-Ok_2F8PsiHAX8n4nHP0rObeg_3D_3D/)

Volunteer Survey Results: [https://www.surveymonkey.com/results/SM-K\\_2FGSs6yapXSibd19hEFamw\\_3D\\_3D/](https://www.surveymonkey.com/results/SM-K_2FGSs6yapXSibd19hEFamw_3D_3D/)

Also set to meet in January is the Rock the Block committee to discuss event logistics associated with the 11<sup>th</sup> annual event. The Farmers Market committee will meet in January as well to review the status of returning vendors, discussion on any new vendors, market layout and entertainment for the upcoming season. The Department has updated all event forms to be sent out to participating 2024 vendors early January and uploaded to the website come mid-January. Updating of event marketing pieces and the execution of all event contracts for 2025 is anticipated to be completed by end of January. Planning for our Spring Arbor Day (Saturday, April 26<sup>th</sup>) and Egg Hunt (Saturday, April 12<sup>th</sup>) events is also underway with details to be shared as of the new year.

Programs will resume as of January 6<sup>th</sup> with Spring planning to begin including dance competition and conventions, costume purchasing/pick up, Impulse Showcase, dance recital, dance and preschool registration for the 25/26 school year, picture days, preschool open houses and graduation.

The department is also working on Summer planning for 2025 which includes updating administrative forms, marketing pieces, participant forms, staff manuals, etc. for camp, preschool, aquatics and dance. The Spring and Summer program guide is anticipated to hit LZ

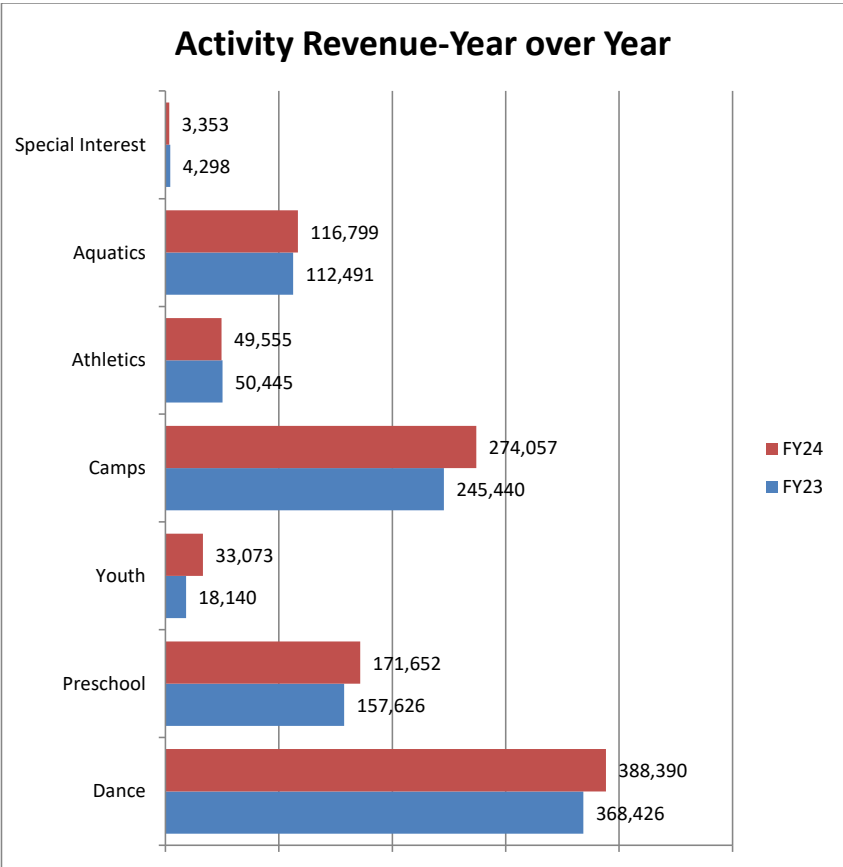


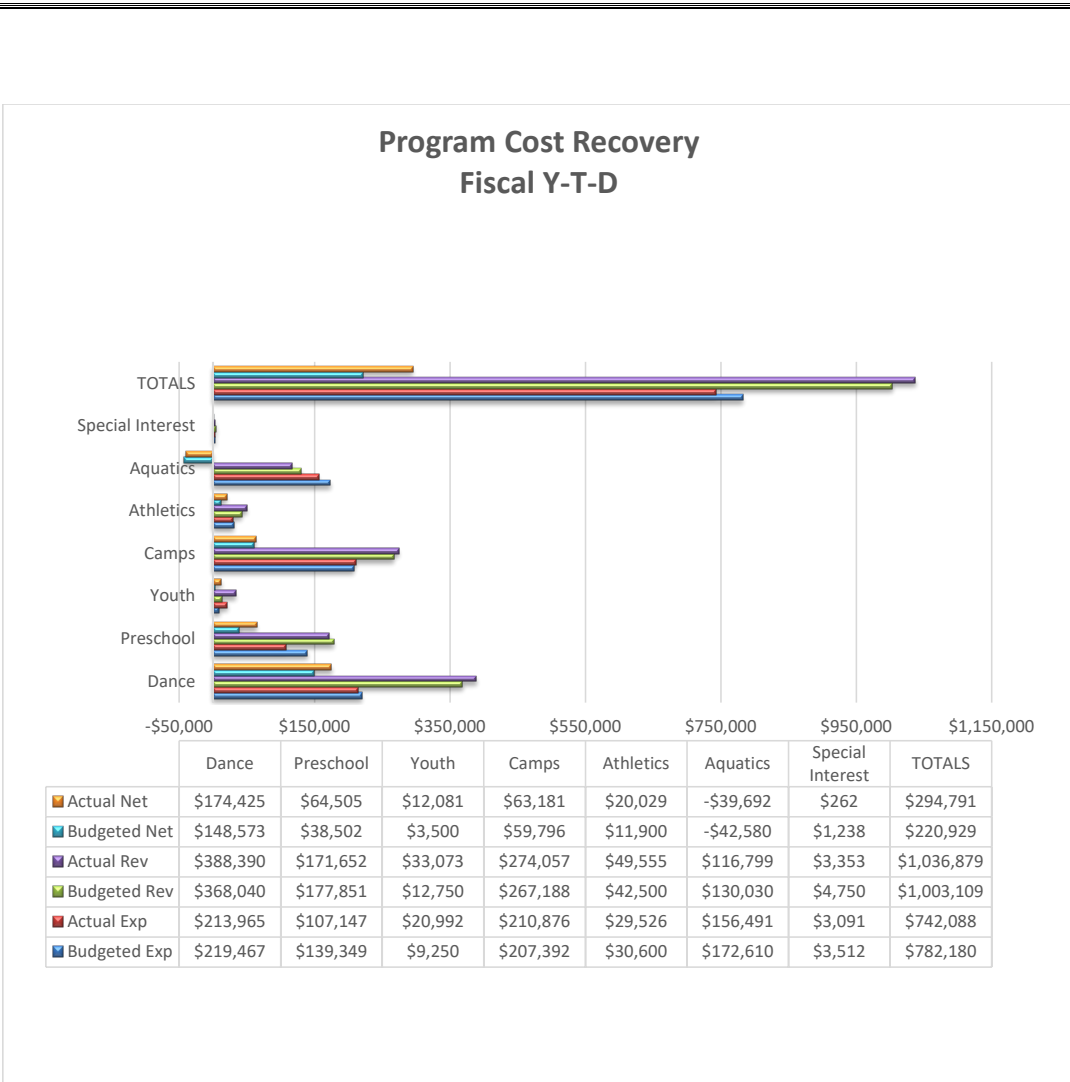
households as of January 23<sup>rd</sup> for registration to begin February 3<sup>rd</sup>. (Priority registration for day camp for LZ residents will be from February 3<sup>rd</sup> thru March 2<sup>nd</sup> followed by nonresident registration as space allows). Staff is preparing for a busy camp registration as last year most camps were full before the 12pm on the first day of registration.

Other items the department is updating includes all special event public works work orders and event checklists for the upcoming year, RFP for the Parks Master Plan, independent contractor agreements, COIs, background checks, etc., and the department is beginning seasonal hiring efforts as well as continuing to seek qualified candidates for our Early Childhood and Dance openings. Job opportunities for all positions are posted at <https://lakezurich.org/jobs.aspx>

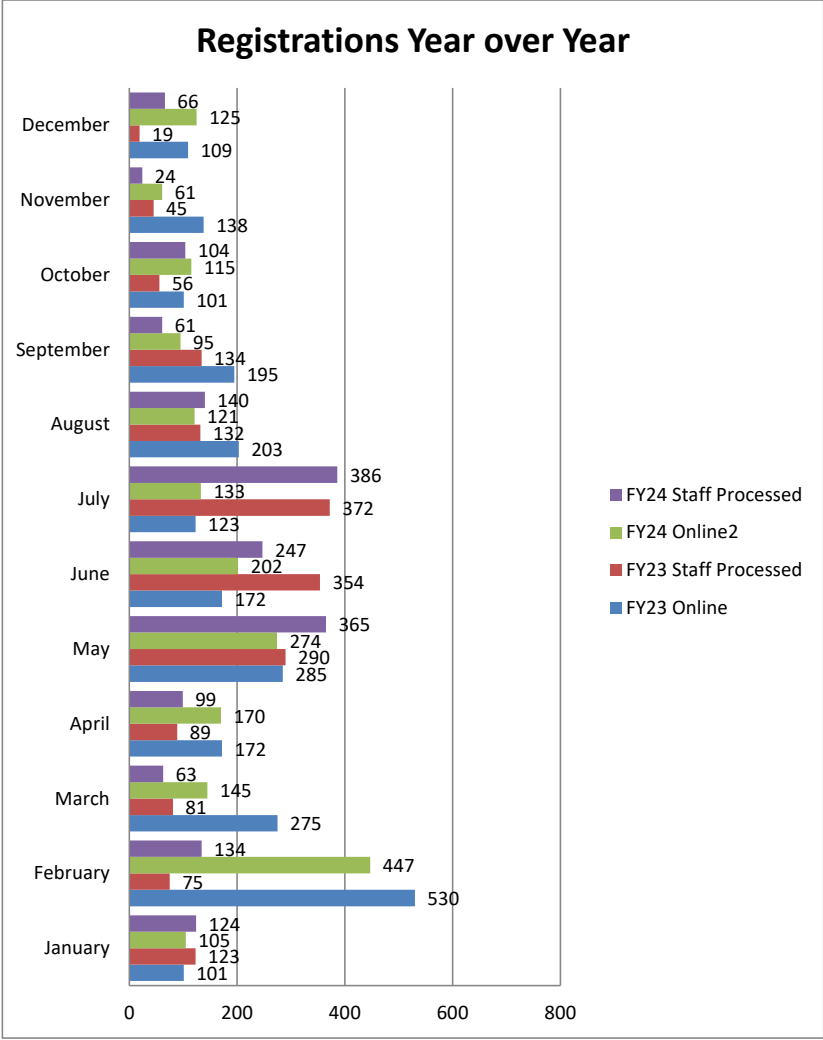
The department is continuing to work with the Public Works team on a variety of projects for the new year including the OSLAD approved projects, basketball court resurfacing at Bristol Trails, and Breezewald Park beach retaining wall. The department is also working with our Management Services Director, Michael Duebner, to get building signage installed at the Barn and Buffalo Creek facilities as well as a phone line relocation at Buffalo Creek and Wifi access to our Chalet facility.

The department will continue this Spring with Ela Area Public Library's Storytime at Paulus Park. The department has followed up with all special event external partners with the application for 2025 due by January 1st. At this time all partners with the exception of Unplugged Fest, Lighthouse (Scavenger Hunt), LPOA (Winter and Summer Lake Fest) and the Rotary (Fireman 5K/Eco Expo) have submitted applications to be presented to the Village Board a February meeting. Received applications include Jack O Lantern World, Phase 3 Bushel of Apples Fest, LZ Tri, Water Lantern Festival, Alpine Races, My Density Matters October fundraising walk (will not be submitting for the June boat crawl in 2025) and Purple Plunge. The department has received a couple new event inquiries for 2025, however, no paperwork has been submitted at this time. Further details on both Village sponsored, external and internal events can be found in our seasonal program brochure, online or by contacting the department.





\*2024 marks the first year that the expenses exceeded revenue at the beach (which was reflected in the budget). Negative net is better than the anticipated budget as the department saw savings associated with bad weather days and sending staff home early when the beach was slow. Factors that contribute to the negative budgeted include staffing costs (minimum wage increases over the past few years) and expenses associated with Wibit operations (approximately \$20K). Other contributing factors to the negative net was the unexpected lake treatment expense (\$6K) and revenue associated with daily visits coming in lower than budgeted.



Online registration is available to all residents and non-residents enrolling in programs. Beach membership and facility rentals must be made in person at the Paulus Park Barn. Payments made at the beach are NOT included in these numbers. February registrations reflect the priority resident registration period for camp deposits/payments.



# POLICE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**DECEMBER 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

70 E. MAIN STREET  
LAKE ZURICH, IL 60047

### Departmental Narrative

#### General

- The Police Department processed 15 Freedom of Information requests this month. One of those requests involved body-worn camera videos/squad cam videos and required 3.5 hours of employee time to complete the video redactions. Overall, in 2024 our department processed 261 FOIA requests. In addition to the hours spent processing those files, employees spent an additional 70 hours redacting body-worn camera videos/squad cam videos from initial use in June through December.
- This month four liquor licenses were requested and approved.
- The Lake Zurich Police Department again participated in the Marine Corps Toys for Tots program this holiday season. This was a very successful year thanks to the generous donations from the community filling the collection truck.
- Department personnel participate in a variety of law enforcement mutual aid task forces. In 2024, task force officers responded to 62 requests for assistance from stricken agencies. This number includes 8 Illinois Law Enforcement Alarm System, 37 Northern Illinois Police Alarm System, 11 Lake County Major Crash Assistance Team, and 6 Lake County Major Crime Task Force callouts.
- Our department collected over 852 lbs. of unwanted prescription drugs in 2024 during drug take back days and the disposal bin in the lobby. The Department also took in 1431 lbs. of sharps for disposal in 2024 through the sharps disposal bin located in the lobby.
- Our agency participated in the IDOT Christmas/New Year's grant campaign from December 13<sup>th</sup> -January 2<sup>nd</sup>. 32 grant hours were worked as part of the campaign. The grant hours yielded the following results: 8 seat belt citations, 16 speeding citations, 3 distracted driving citations, 1 DUI arrest, and 10 other citations.
- In 2024, Lake Zurich Police Department personnel received over 14,912 hours of training. The training was delivered via a number of sources including: monthly officer/training meetings, on-line sources (Police Law Institute, Court Smart, Police Legal Sciences, My Community Workplace, etc.), North East Multi-Regional Training (NEMRT) classes, Northern Illinois Police Alarm System (NIPAS), College of DuPage, Illinois State Police, Lake County State's Attorney's Office, etc.
- In December, 14 truck permits totaling \$1525.00 in permit fees were collected.
- 6 child safety seats were inspected in the month of December.

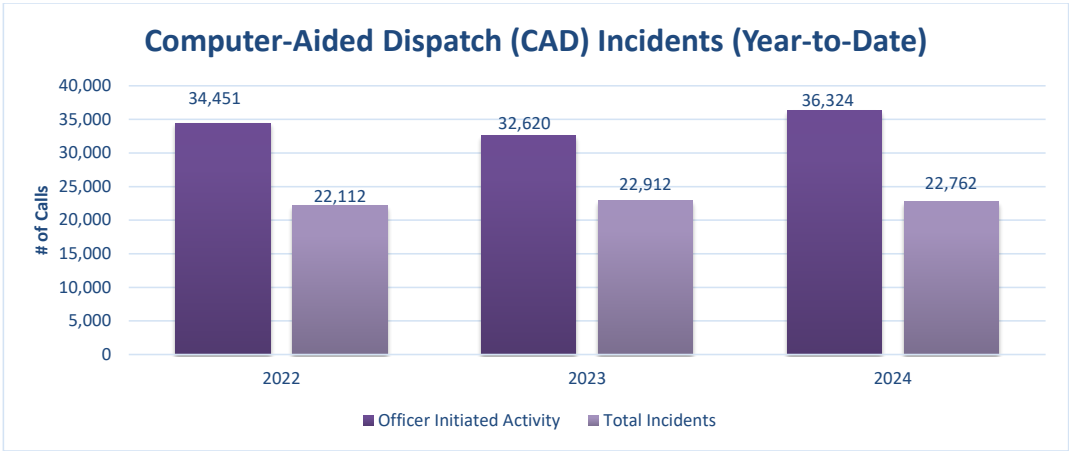
#### Patrol and Communications

- Year-to-date, officers conducted 4317 traffic stops and issued 2630 traffic citations.
- During the month, Dispatch handled 1742 9-1-1 calls and 3042 administrative calls.
- Police Officers Colin Gentry, Natalie Robertaccio, and Ricardo Cordero graduated from the 16-week Suburban Law Enforcement Academy at the College of DuPage on December 13, 2024.
- On 12/23/2024, Officer Young responded to a fatal traffic crash which occurred at Pheasant Ridge Drive and Old Mill Grove Road in Lake Zurich. Officer Young served as the MCAT scene supervisor.

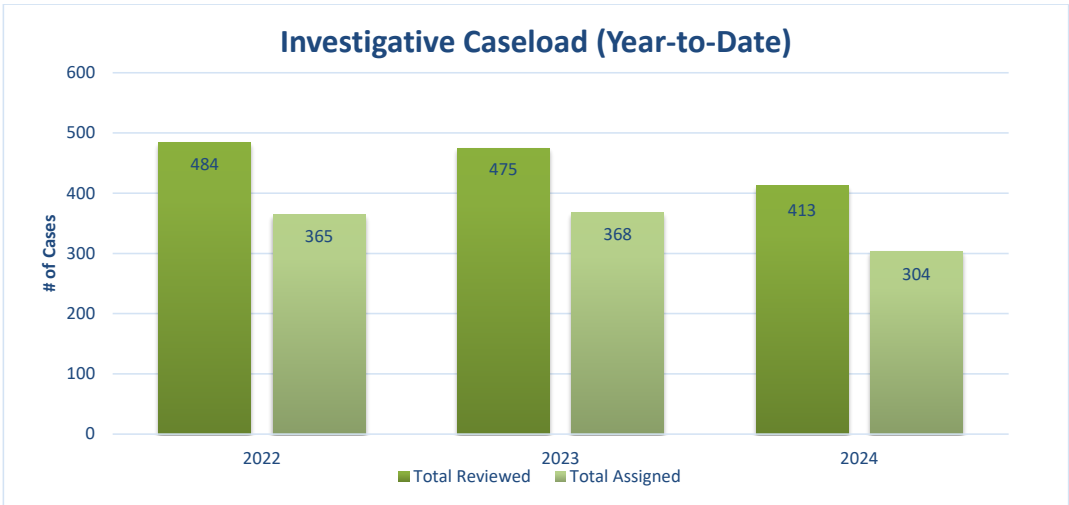
#### Investigations

- The Criminal Investigations Division is currently investigating 54 cases, averaging 24 cases per detective. Six warrants were recently approved by the Lake County State's Attorney's Office for identified suspects.
- There were no Lake County Major Crime Task Force callouts this month.

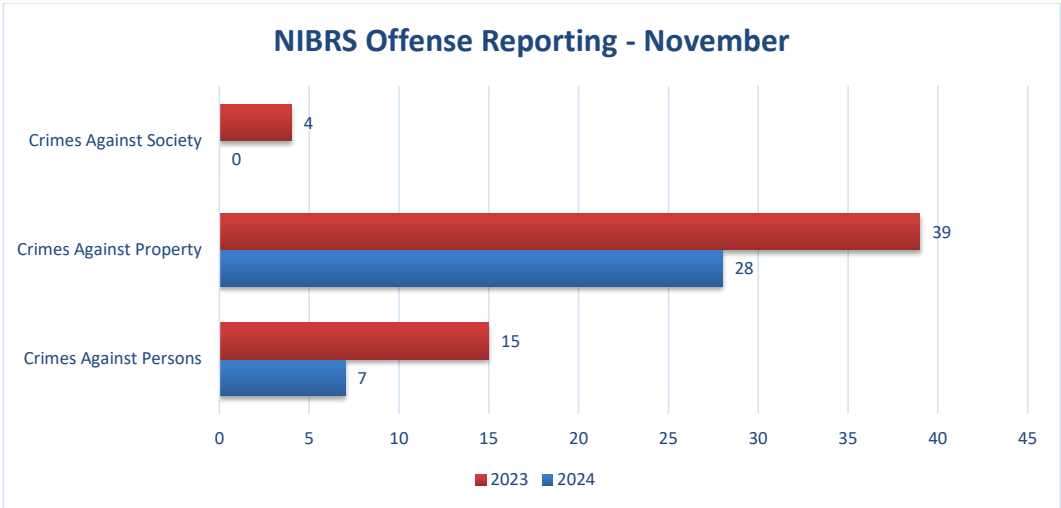




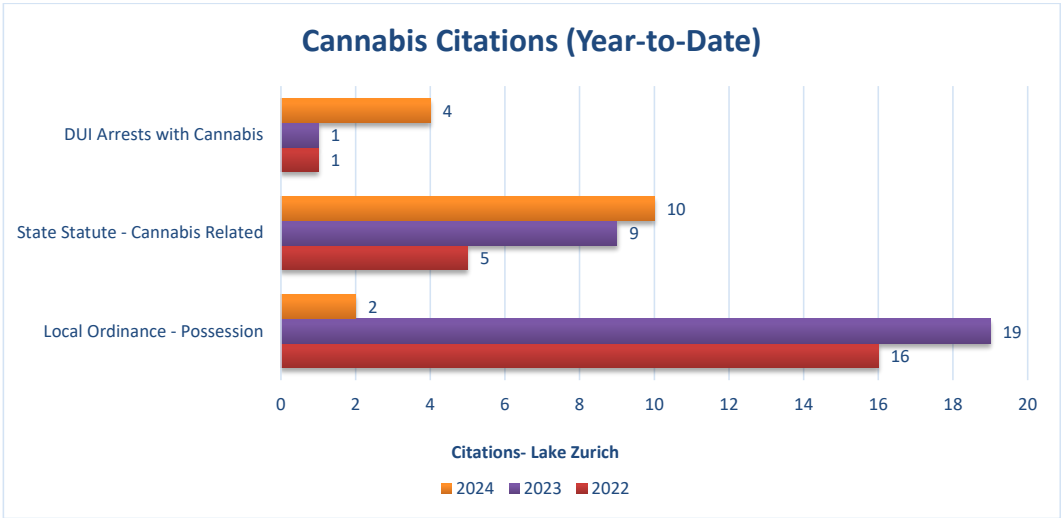
Officer initiated activity includes DUI Arrests, Vehicle Violation Citations, Non-Vehicle Violation Citations, Driving while License Suspended/Revoked, Crime Prevention Notices, Criminal Arrests, Traffic Citations, Traffic Stops, Extra Watches conducted, and Zero Tolerance enforcement. Total incidents are all CAD incidents. Frontline data, including vacation watches and directed patrols, are listed under officer-initiated activity.



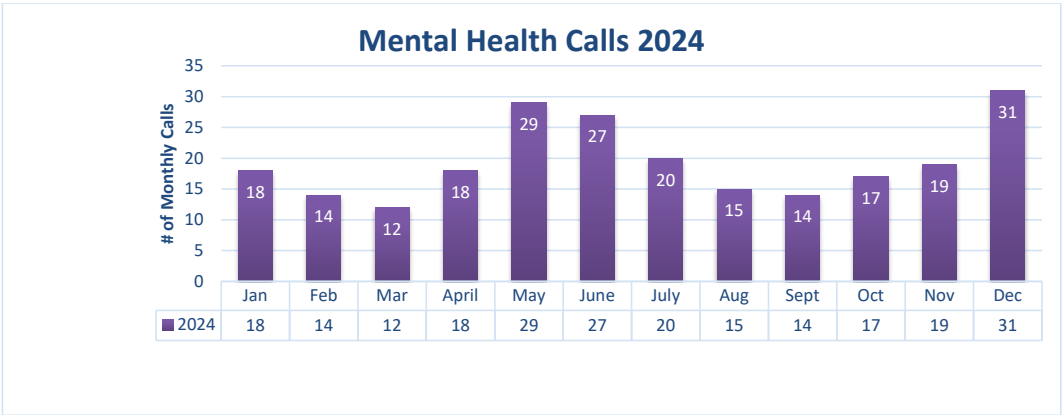
Original criminal reports, generally taken by Patrol section personnel, are reviewed by the Investigations Sergeant and assigned to Investigative personnel based on Solvability Factors.



The Lake Zurich Police Department utilizes the FBI’s National Incident-Based Reporting System (NIBRS). Data is broken down into the following three categories: Crimes Against Persons, which include crimes such as murder, assault, and sex offenses; Crimes Against Property, which include crimes such as robbery, burglary, theft, fraud, and stolen property; and Crimes Against Society, which includes crimes such as drug/narcotic violations, pornography, and weapon violations. *Statistics are one month behind.*



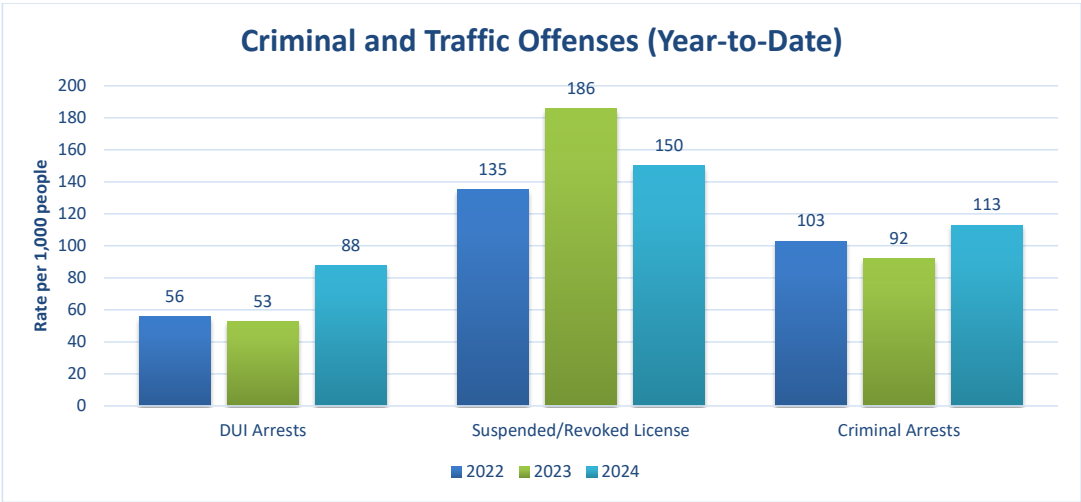
These citations include local ordinance cannabis possession citations, state statute cannabis related citations (includes possession, delivery, paraphernalia, and DUI), and DUI arrests with cannabis as the primary or contributing factor.



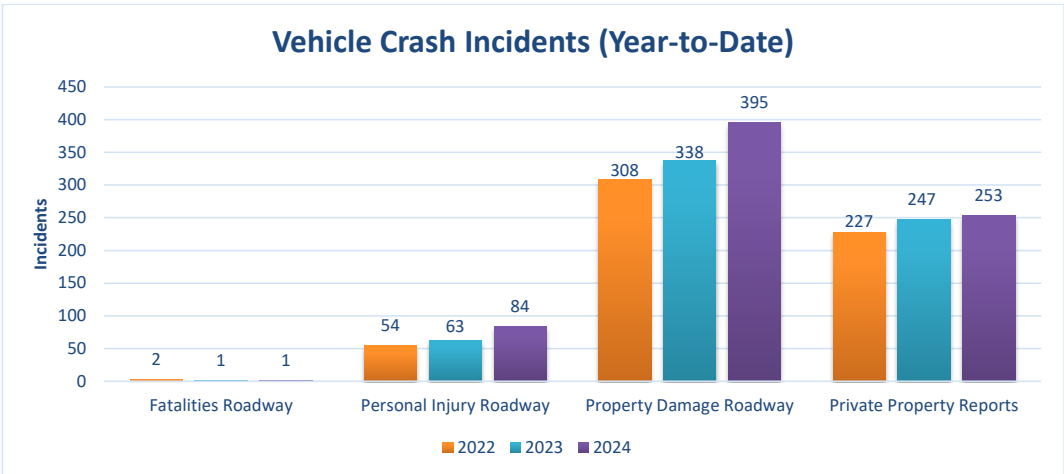
Law enforcement agencies in Illinois are now required to report to the state any incident where a law enforcement officer was dispatched to deal with a person experiencing a mental health crisis or incident. The report shall include the number of incidents, the level of law enforcement response and the outcome of each incident. For purposes of this section, a ‘mental health crisis’ is when a person’s behavior puts them at risk of hurting themselves or others or prevents them from being able to care for themselves.



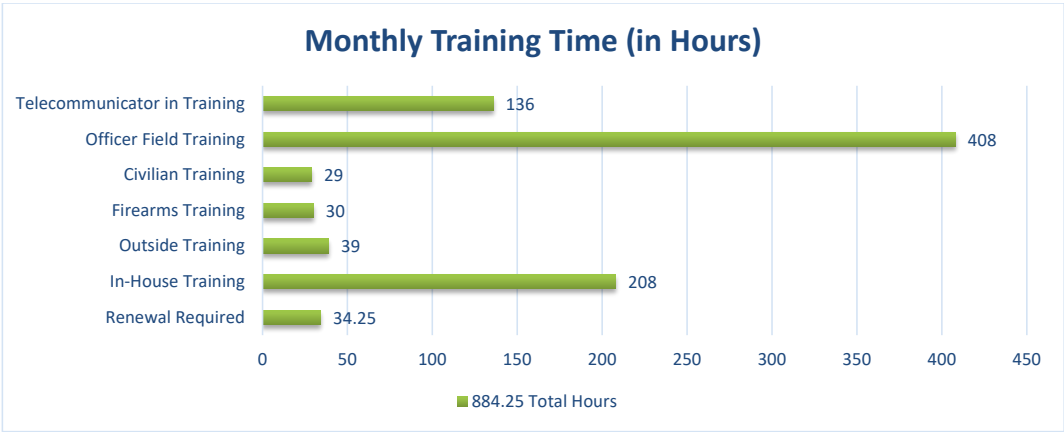
Information depicted in this graph relates to traffic stops conducted by Department personnel.



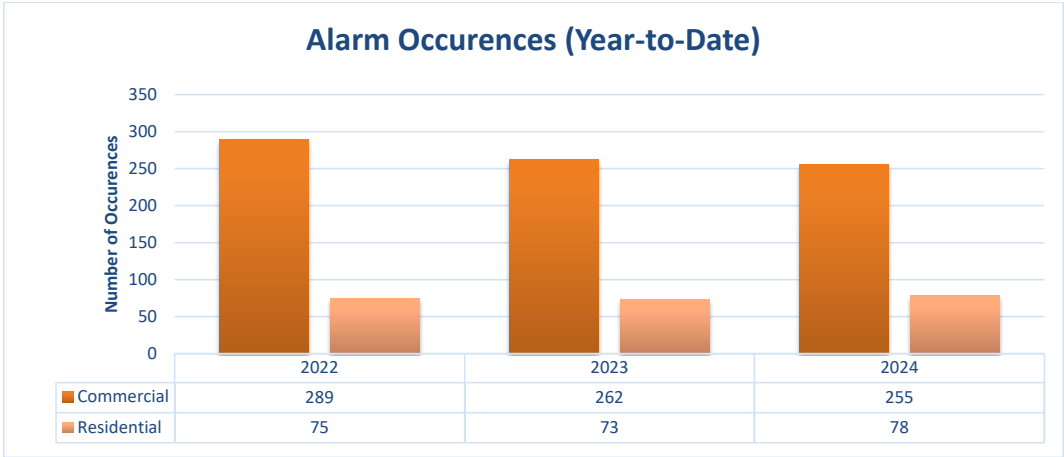
Information depicted in this graph relates to Driving Under the Influence of Alcohol/Drug arrests, Driving while Driver's License Suspended/Revoked arrests, and various criminal arrests (Domestic Battery, Retail Theft, Drug Offenses, etc.) conducted by Department personnel.



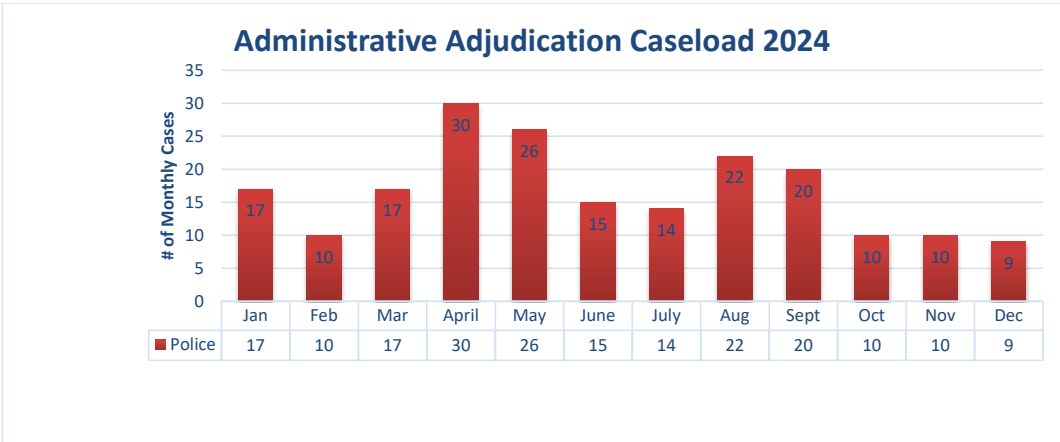
The Department conducts traffic crash investigations on both public roadways and private property (primarily parking lots). The traffic crashes are broken down into four categories: fatal, personal injury, property damage, and private property. Routine traffic crashes are taken by Patrol personnel. Traffic Safety personnel investigate fatal, serious personal injury, and commercial motor vehicle crashes.



Training is an important element to maintain or improve skills/knowledge/ability. The main categories of training include field training, chief’s training, civilian training, firearms training, outside agency training, in-house training, and renewal required training.



The Records Division monitors the number of alarms to which Patrol personnel respond – many of the alarms are false.



The Administrative Adjudication process was originally put in place to address automated traffic enforcement citations. This program has been expanded to review vehicle equipment compliance citations, administrative tows, parking citations, and building and zoning violations.

**Red Light Camera Violations and Accidents (Year-to-Date)**

2024	Red Light Violations		Adjudication for Red Light Violations				Accidents at Red Light Intersections		
	Citations	Net Received	Hearings	Liabe	Not Liabe	Non-Suit	12/ Miller Road	12/ Route 22	12/ June Terrace
January	119	\$10,305	3	2	1	0	3	2	3
February	167	\$9,090	0	0	0	0	2	2	2
March	207	\$5590	2	1	1	0	1	2	1
April	126	\$10,582.50	6	3	1	2	3	1	4
May	144	\$5680	3	1	1	1	1	1	1
June	129	\$11,080	2	2	0	0	1	2	2
July	218	\$4035.50	1	1	0	0	3	3	2
August	155	\$10,675	6	4	0	2	4	2	0
September	166	\$6620	2	0	1	1	1	5	1
October	12	\$10,990	1	1	0	0	5	2	3
November	328	\$2760	1	0	1	0	2	3	2
December	280	\$11,475	3	2	1	0	1	5	4
Total	2051	\$98,270.50	30	17	7	6	27	30	25

Information depicted in this chart relates to red light camera violations, adjudication (court) for those contesting their violation, and accidents that have occurred at intersections with red light cameras.





# PUBLIC WORKS DEPARTMENT

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## MONTHLY INFORMATION REPORT

**December 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

505 TELSER ROAD  
LAKE ZURICH, IL 60047

## DEPARTMENTAL NARRATIVE

**Park Maintenance:** Crews continue to address maintenance items within the parks.

**Winter Operations:** Crews have prepared all vehicles and equipment associated with winter operations. Blending of liquid de-icing products used in anti-icing and pre-wetting of granular material is complete and will continue throughout the season. Crews responded to one (1) event in December with snow totaling 2.2 inches. Detailed resource usage can be found in the graphs in the final section of this report.

**Special Events:** Crews prepared for and performed clean-up for Miracle on Main Street.

### **Infrastructure Projects:**

#### 2024 Watermain and Road Resurfacing Improvements

A minor punch list was created and was sent to Pirtano Construction. Scheduling of the repairs is still to come.

#### 2024 Natural Area Maintenance Program

Bid documents were released on February 19, 2024 and are scheduled to be read on April 4, 2024. Staff and the vendor had a pre-construction meeting, and work began in May.

#### 2024 Police Department Gun Range HVAC Improvements

The Village Board approved the Gun range Ventilation Project in May. The old system has been removed and alterations to roof drains is underway, with project completion now projected for spring 2025. All American Exteriors has made necessary changes to the roof drains as well as re-roofed the section of roof where the old ventilation unit was located. Martin Enterprises will continue working to install the new unit on the roof.

#### 2024 Buffalo Creek Bank Stabilization

ILM has finalized this project. Their staff is responsible for monitoring and maintenance of the site as part of the original contract.

#### Main St. Promenade Improvements

Work has been suspended due to the winter weather. The 2 large circles at either end of the Promenade have been secured and made accessible for the winter months. In the Spring C.R. Schmit will return and finalize installation of the PaverArt designs in the circles.

**December Water Main Break Locations:**

1300 Rose Rd

**Employee Training:**

All employees participated in the annual Job Safety Analysis review.

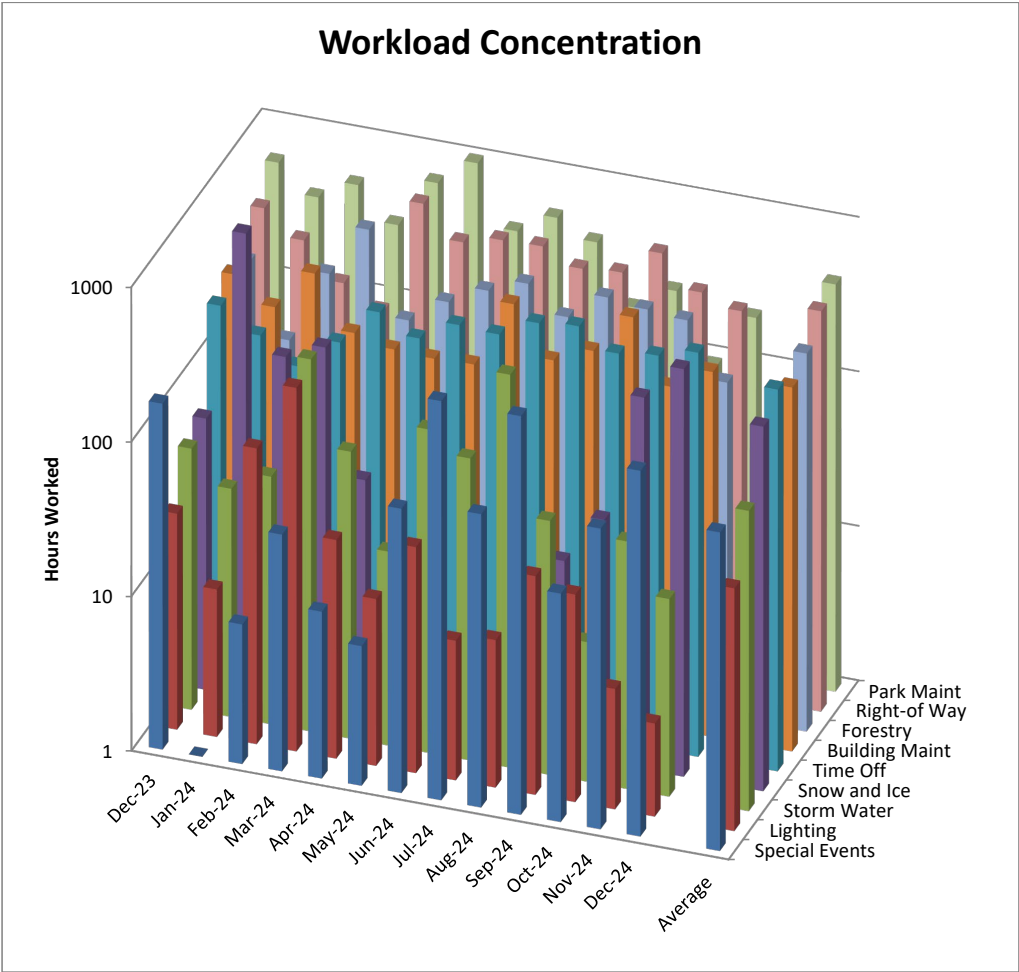
All employees completed sexual harassment training.

**Anniversaries:**

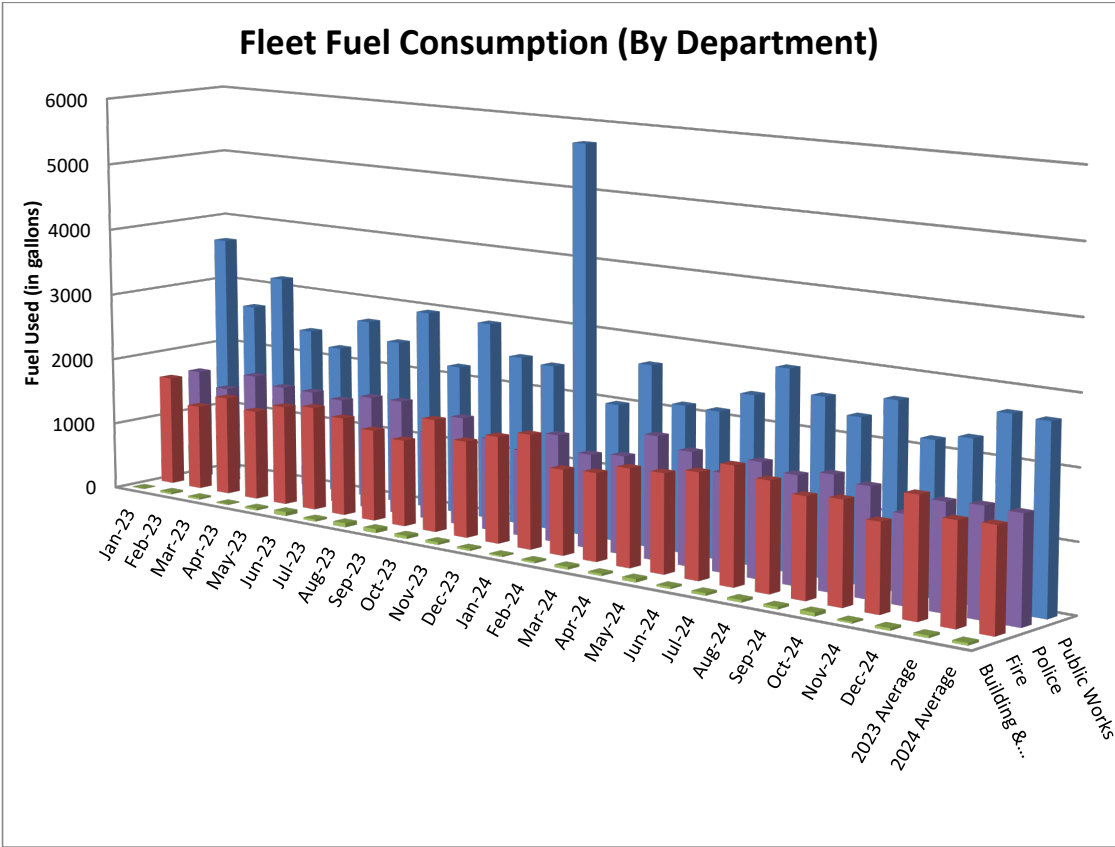
**New Employees:**

**Staff Kudos:**

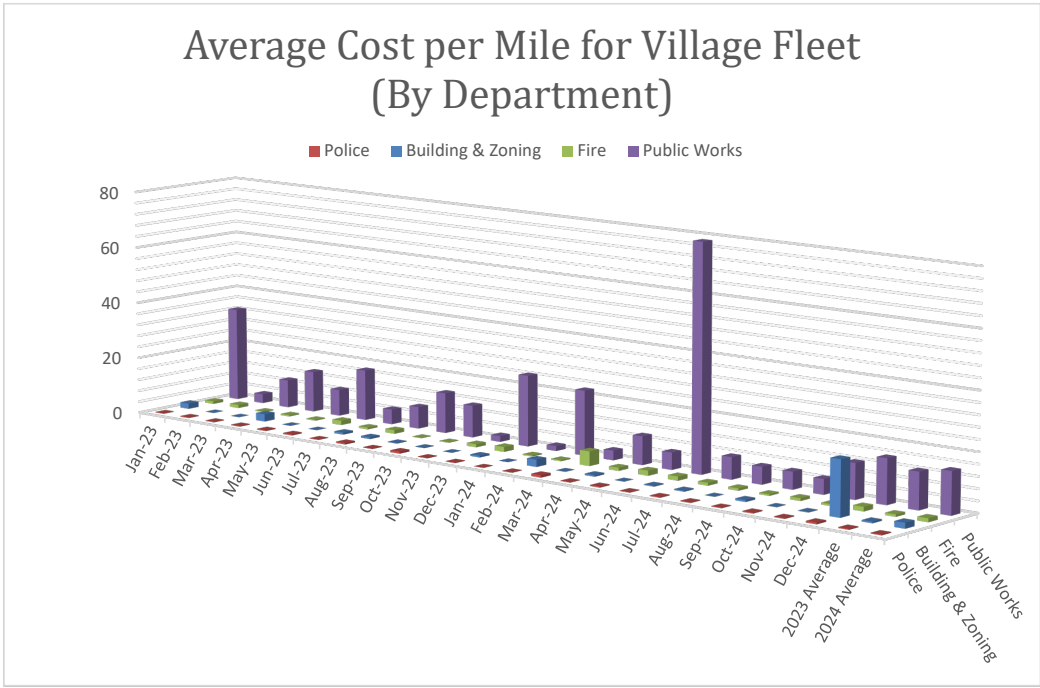
The 2024 Public Works ***Star of the Year*** is Austin Bonestroo, this is his second time winning Star of the year since we started it in 2022.



A core function of Public Works are related to the completion of work orders for several categories, including administrative, forestry, park maintenance, municipal property maintenance, right-of-way, snow and ice, street lighting, and storm water system maintenance. This chart shows the number of hours worked on major activities.

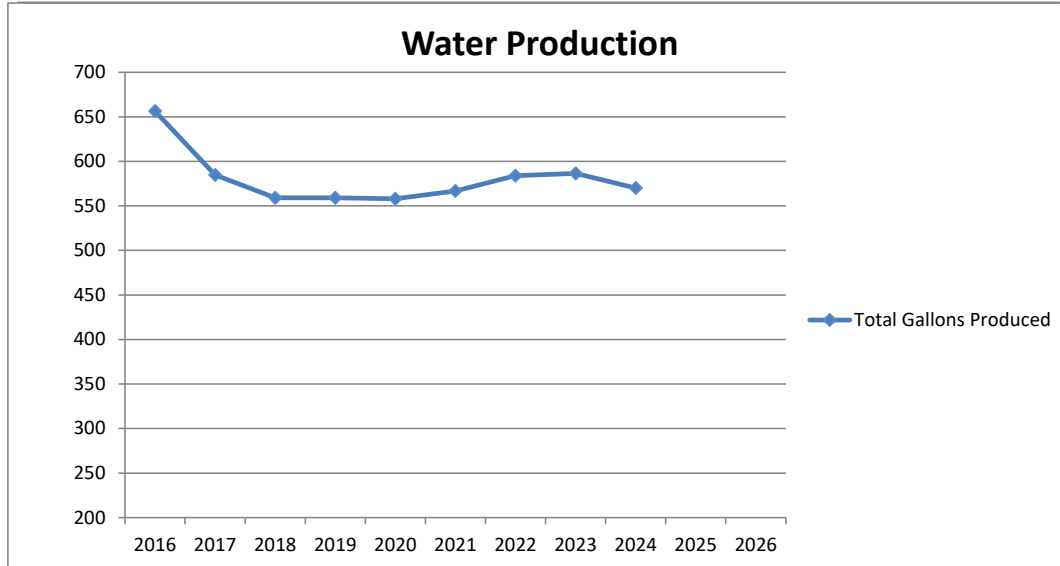


Tracking fuel consumption allows staff to make informed decisions relating to the municipal vehicle fleet, including the number of vehicles in each department, the types of vehicles purchased and the type of fuel source used. Dramatic fluctuations in fuel consumption can occur during events such as heavy snowstorms. (Output measure)



Vehicle cost per mile is an initial indicator of an efficient fleet operation. With basic cost per mile information in hand, all components that feed into that cost can be scrutinized and measured. These components include labor rates, fuel costs and parts costs. Looking further into the Village’ vehicle cost per mile, staff can measure other components such as average vehicle age. When vehicles are replaced within their life cycle, the impact is usually positive.

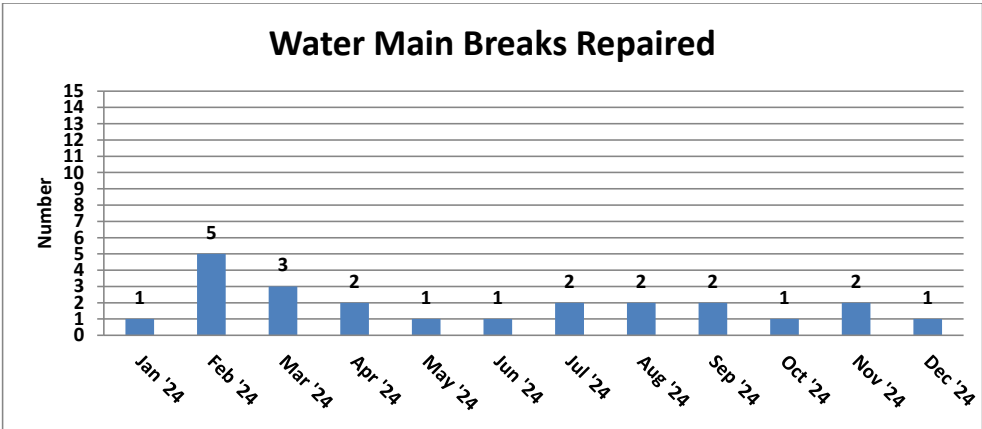




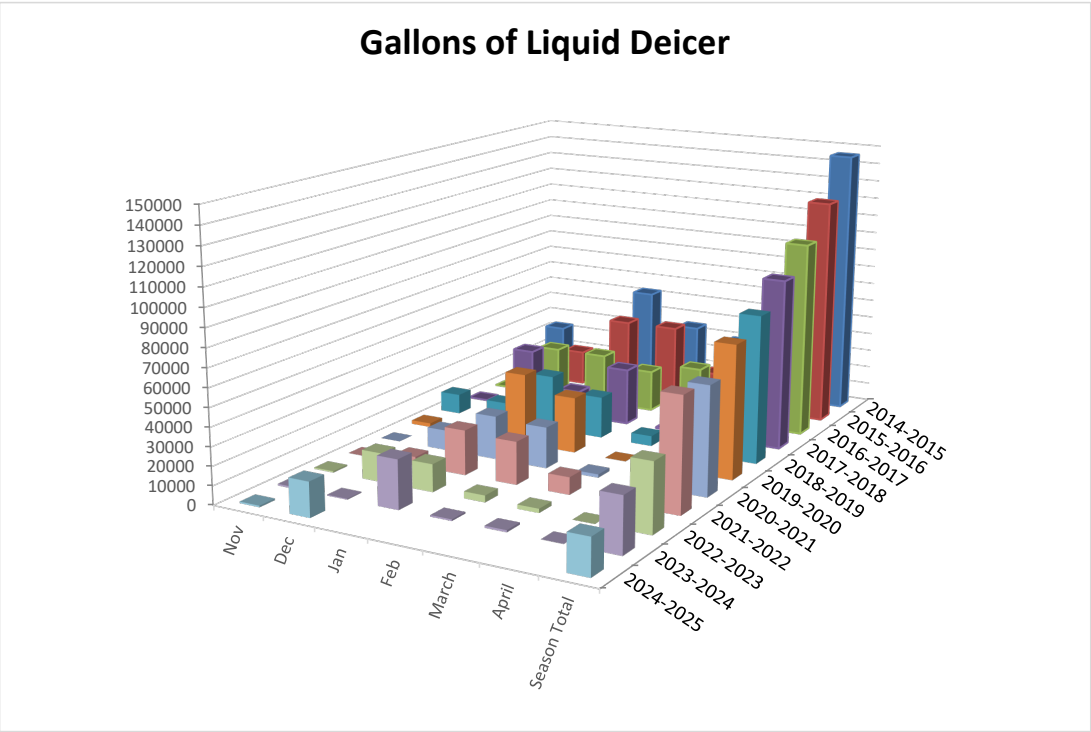
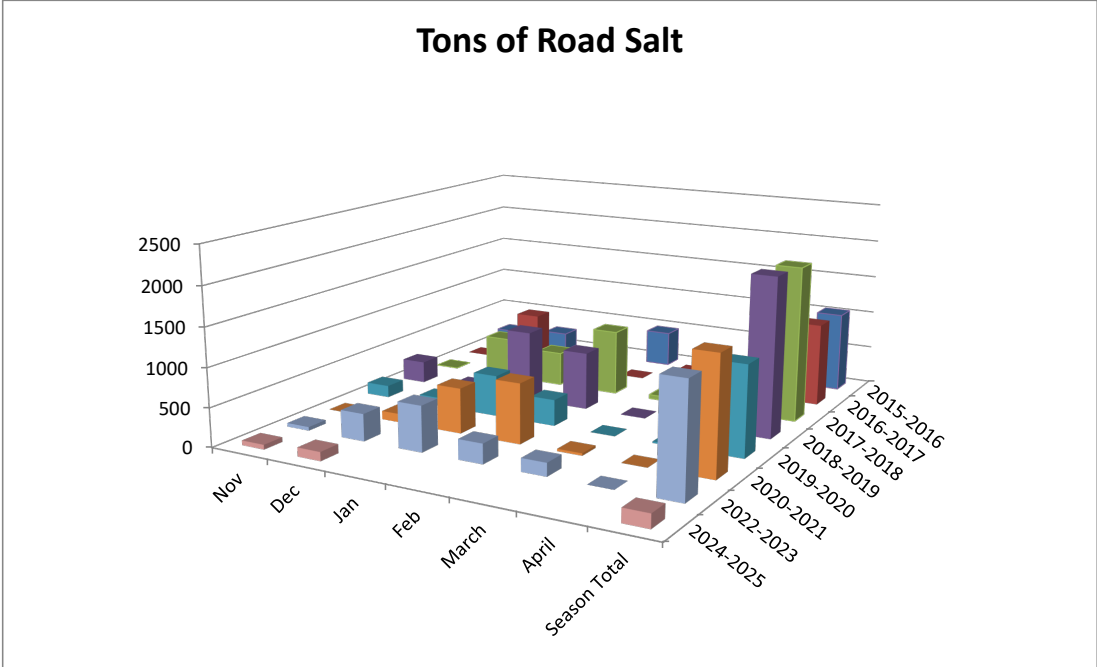
From 2012 to 2015, there was a steady decline in the annual volume of water produced and used by our community. This trend was altered in 2016 due to dry weather leading to increased watering of lawns and landscaped areas.

	2016	2017	2018	2019	2020	2021	2022	2023	2024
January	49.301	46.667	45.868	44.227	43.867	42.319	43.414	44.980	44.448
February	45.801	40.952	41.098	41.452	41.645	40.367	39.261	40.767	41.302
March	53.467	44.543	43.155	43.946	43.552	42.924	41.852	44.741	44.178
April	55.963	49.974	45.098	43.570	40.662	45.129	43.301	44.971	47.335
May	60.273	49.588	48.065	45.339	44.834	51.240	67.048	54.729	50.643
June	63.819	56.169	46.114	45.489	51.130	56.763	60.282	62.204	51.841
July	68.751	53.755	57.074	59.526	54.529	53.105	55.144	56.076	50.569
August	66.229	54.746	54.067	61.419	58.959	54.083	55.279	55.155	54.230
September	58.664	53.928	46.809	44.786	51.040	51.058	48.164	50.266	51.738
October	45.838	47.169	44.369	43.476	44.443	44.019	44.912	46.189	46.840
November	42.120	42.335	42.089	41.475	40.680	42.441	40.581	42.471	41.675
December	46.088	44.961	45.305	44.379	42.684	43.222	44.757	43.811	45.217
<b>Total</b>	<b>656.314</b>	<b>584.787</b>	<b>559.111</b>	<b>559.084</b>	<b>558.025</b>	<b>566.670</b>	<b>583.995</b>	<b>586.360</b>	<b>570.016</b>
<b>Avg</b>	1.793	1.598	1.532	1.532	1.529	1.553	1.600	1.606	1.557
<b>% incr/decr</b>	11.37%	-12.23%	-4.59%	0%	-0.02%	1.55%	3.06%	0.04%	-2.79%

The highlighted months are the lowest for each of these months in the last 8 years. The highest monthly production in the last 8 years occurred in July of 2016. In 2023, our daily average was 1.6 million gallons per day.



A water main break can be a hole or crack in the water main. Common causes of breaks in the water main include: age, pipe material, shifting in the ground attributed to fluctuations in moisture and temperature (below and above the frost line), corrosive soil that causes a thinning of the water main pipe, improper backfill, severe changes in water pressure (hammer) which has several causes and physical contact (damage) by excavating contractors.





# VILLAGE MANAGER'S OFFICE

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## MONTHLY INFORMATION REPORT

**DECEMBER 2024**

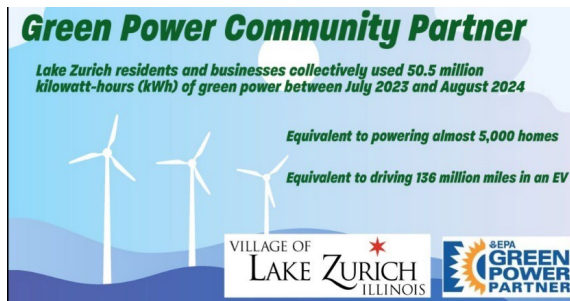
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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

70 E. MAIN STREET  
LAKE ZURICH, IL 60047

## A Look Back at December 2024...

### Lake Zurich Ranks on Federal EPA's Green Power Community List



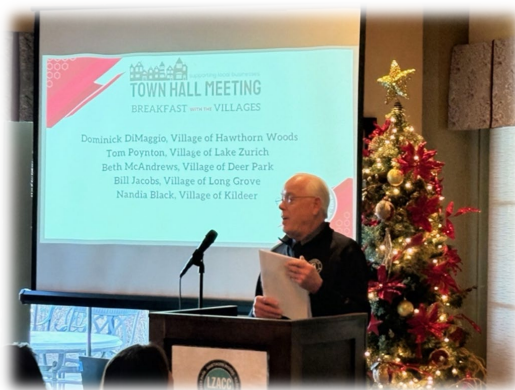
The United States Environmental Protection Agency (EPA) has revised its online "Green Power Communities List," which categorizes municipal green power usage as a percentage of total electricity consumption. Lake Zurich has been added to the esteemed list of 69 EPA-certified Green Power Communities, spanning 16 states.

Lake Zurich ranks 28<sup>th</sup> out of the 69 municipalities, with 22% of its total electricity consumption supported by 100% Green Power renewable energy credits. The top slots are held by Lake Barrington at 100% and Park Forest at 45%. In the inaugural year of our 100% Green Power option offered through the electricity aggregation choice program, Lake Zurich residents, businesses, and municipal operations collectively utilized over 50 million kilowatt-hours of green power.

### 2025 Budget Approved

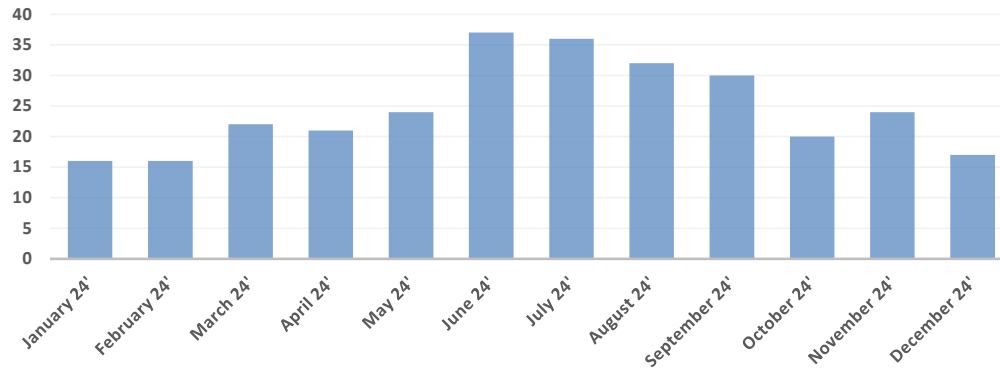
In December, the Village Board unanimously approved the FY 2025 Village budget, which Staff presented as a balanced operational plan totaling \$91.2 million across all funds. The budget authorizes 167 full-time positions and \$55.5 million for municipal operations, including \$10 million for the Lake Michigan public water supply transition. The budget includes a substantial capital program, with over \$20 million for infrastructure investment and equipment replacements in the coming year. The budget reflects the adoption of the half-percent increase to the Non-Home Rules Sales Tax, effective January 1, 2025, which will be dedicated to the Lake Michigan project.

### Lake Zurich Area Chamber Breakfast with the Villages



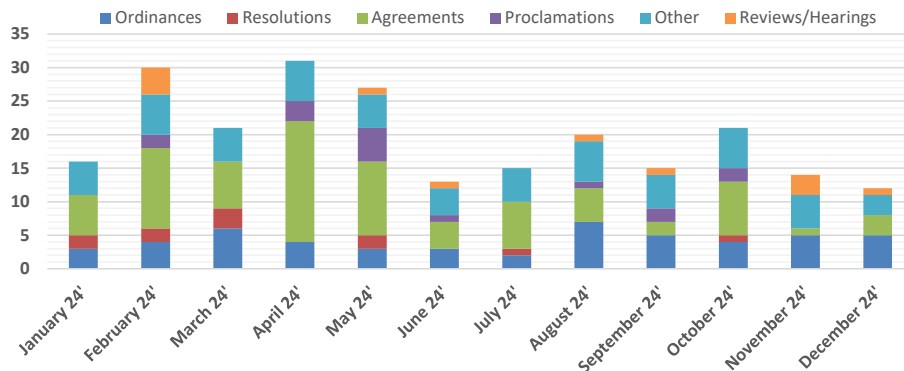
In early December, Mayor Poynton provided a business-oriented update on 2024 accomplishment and a snapshot of 2025 projects. He highlighted the Main Street streetscape enhancements, expansion of the small business facade improvement program to commercial properties in the Rand Road TIF #3 among others.

### New Lake Zurich Households



This metric shows the number of new residential homes occupied. Each month, staff sends new Lake Zurich residents a Village welcome packet that provides valuable information to those who are not familiar with the Lake Zurich area or the services offered by their local government. This metric does not include tenets in rental units, but only new single residential owners.

### Village Board Agenda Items

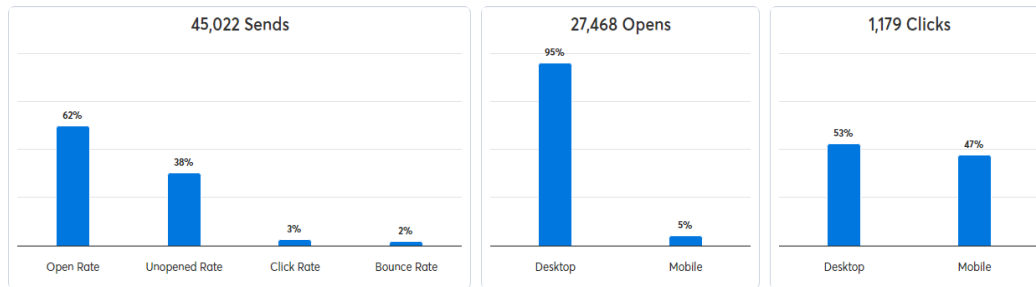


This metric shows the number of action items included on Village Board meeting agendas. As the local legislative governing body, the number of items acted upon by the Village Board has a direct input on Lake Zurich's strategic orientation. This data can be useful in decisions regarding meeting frequency, legislative workload, agenda preparation, activity levels, etc.

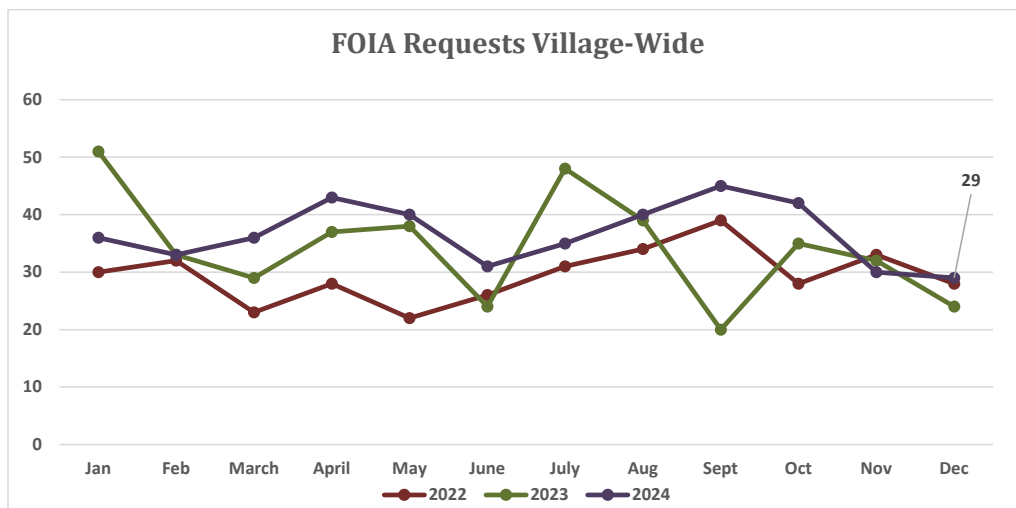
**Average length of regular December Village Board meetings:** 37 minutes



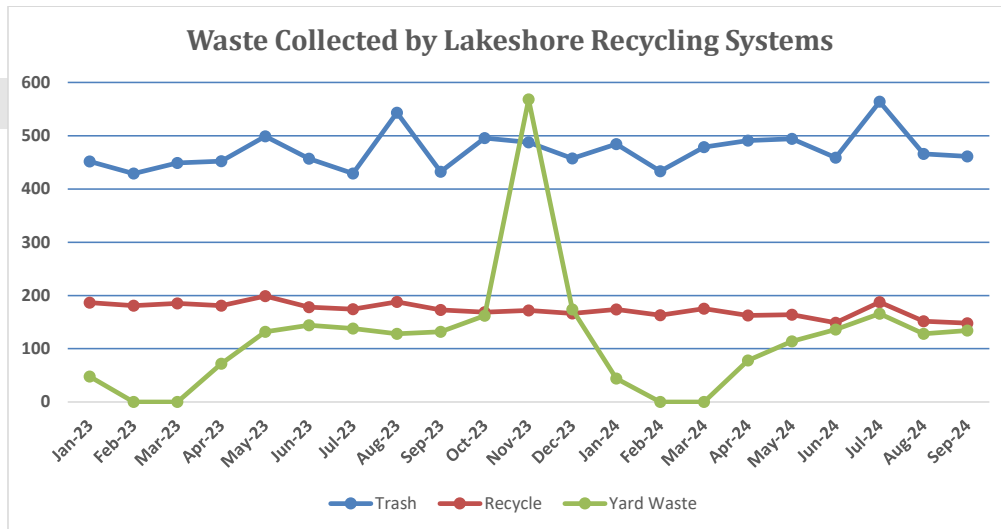
### Benchmarks Engagement



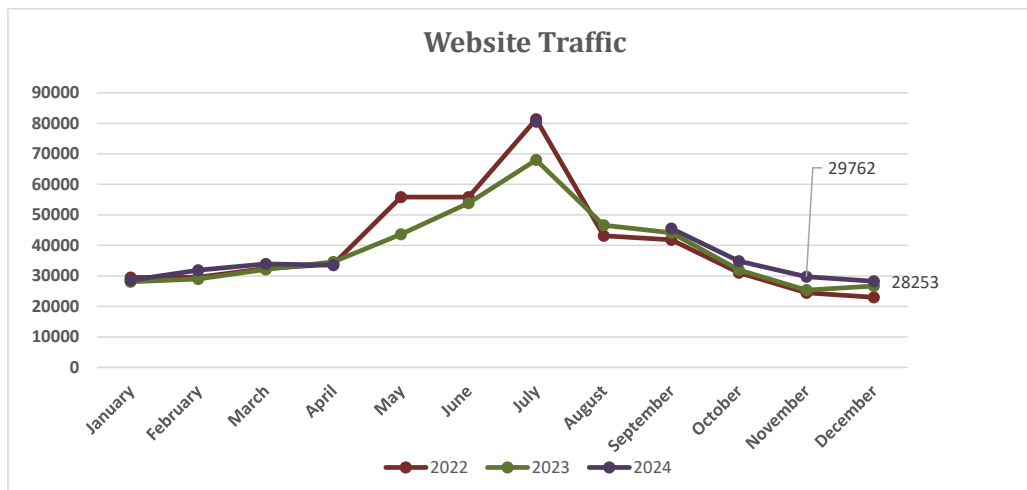
*Benchmarks* is the official Village e-newsletter that is a central communication device for the community. This graph shows *Benchmarks* rates over the past month. From an initial subscription rate of 756 in July 2013, *Benchmarks* now has over 6,400 subscribers.



Open and honest government is a cornerstone of American democracy. The Freedom of Information Act is intended to ensure that members of the public have access to information about their government and its decision-making processes. This graph includes all of the FOIA requests received Village-wide among all departments.



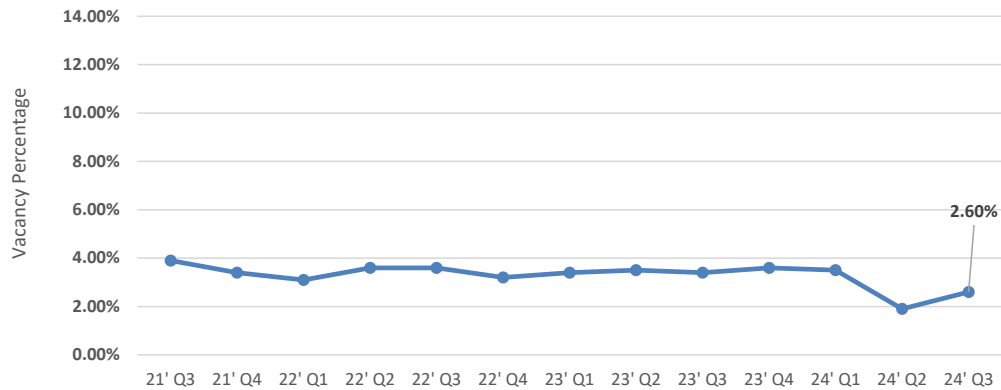
Prairieland Disposal began service to Lake Zurich in September 2020. Lakeshore Recycling Systems (LRS) took over service in October 2021. The above metric reports the volume of waste collected each month including trash, recycling, and yard waste. This metric is updated once per quarter. *Trash* and *Recycling* is reported in tons while *Yard Waste* is reported in cubic yards.



This data represents the number of visits to LakeZurich.org. A digital presence for Lake Zurich is important for government transparency and providing resident-oriented service. E-government can also improve the overall democratic process by increasing collaboration with citizens and facilitating decision-making. This metric tracks the number of visits to LakeZurich.org.

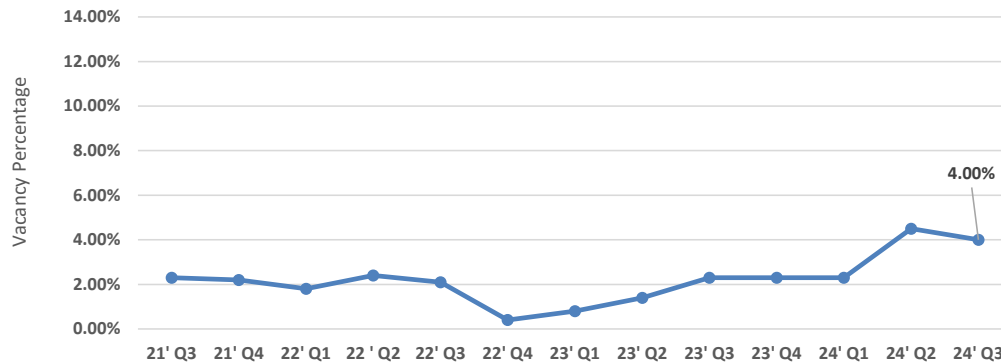
**Most Visited Page in December: Miracle on Main**

### Retail Vacancy Q3 2024



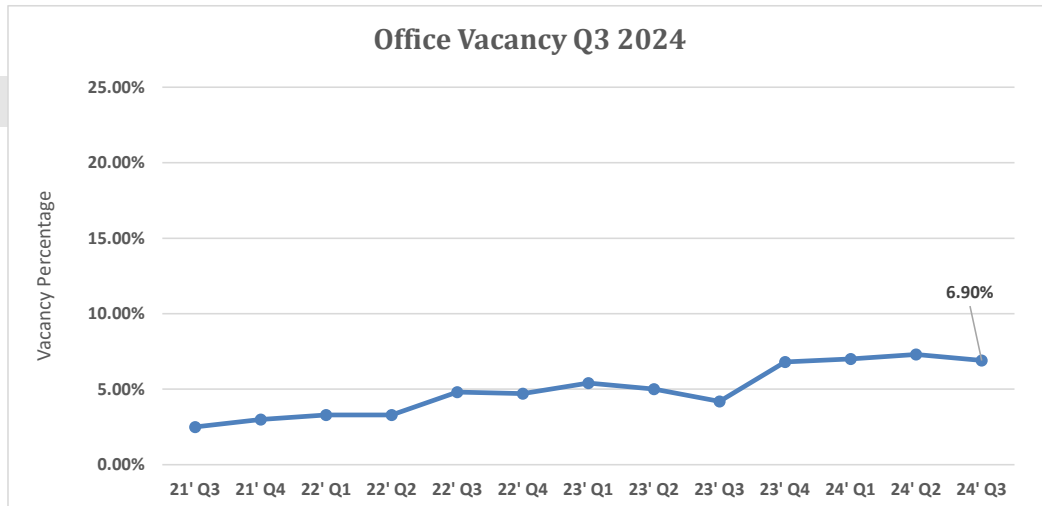
The Lake Zurich retail vacancy rate increased in Quarter 3 of 2024 from 1.9% to 2.6% vacant compared to the second quarter (*based on Lake County Partners data*). As of September 30, 2024, there was 65,570 square feet of retail space reported vacant in Lake Zurich, with average rates at \$18.46 per square foot (nnn).

### Industrial Vacancy Q3 2024



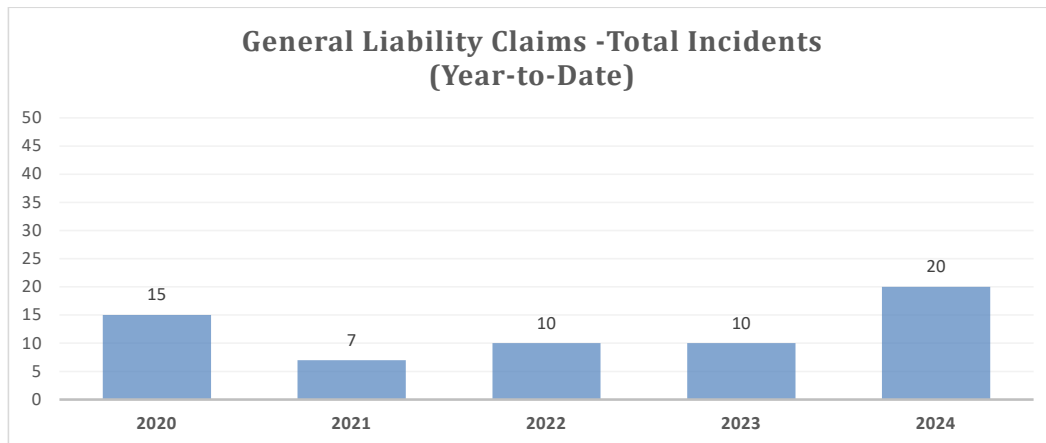
The Lake Zurich industrial vacancy rate decreased slightly to 4% in Quarter 3 of 2024 compared to Q2 when 4.5% was reported vacant (*based on Lake County Partners data*). As of September 30, 2024, there was 222,210 square feet of industrial space reported vacant in Lake Zurich, with average rates at \$5.48 per square foot (nnn).

### Office Vacancy Q3 2024

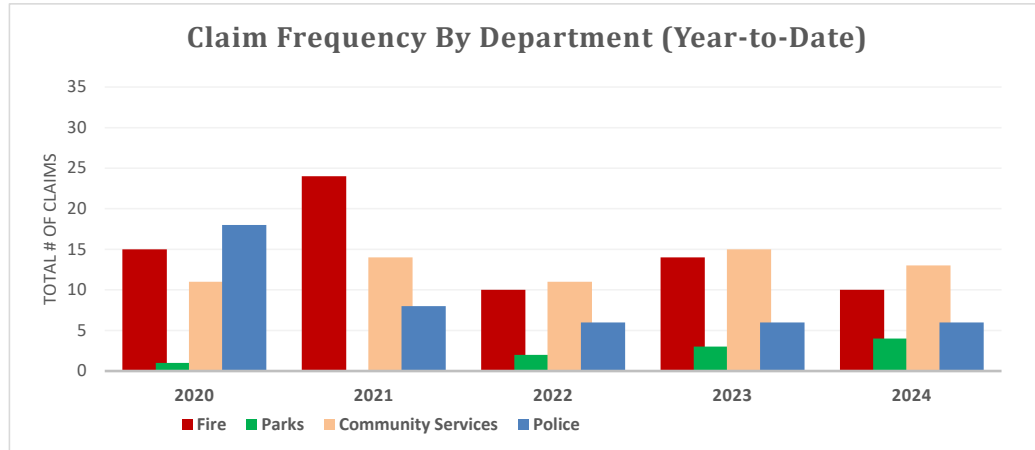


The Lake Zurich office vacancy rate decreased to 6.9% in Quarter 3 of this year compared to Quarter 2 at 7.3% vacant (*based on Lake County Partners data*). As of September 30, 2024, there was 25,524 square feet of office space reported vacant in Lake Zurich, with average rates at \$25.04 per square foot (full service).

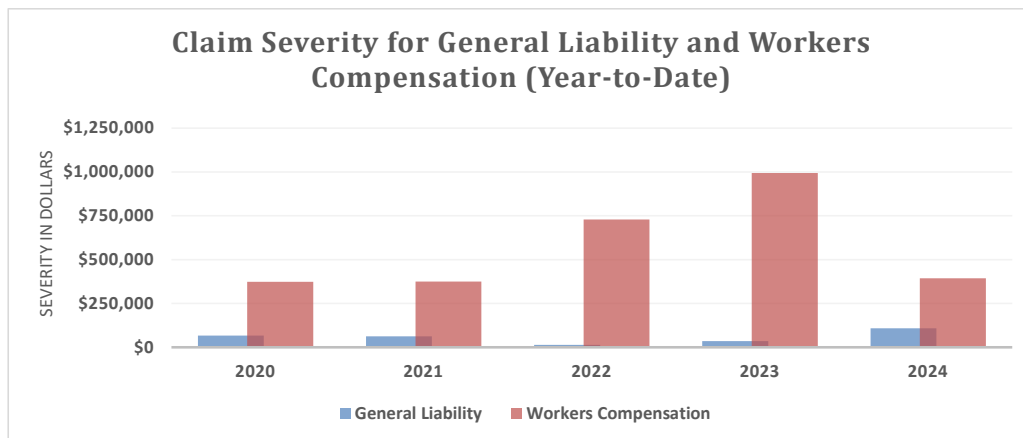
### General Liability Claims -Total Incidents (Year-to-Date)



Risk management insurance coverage is provided by the Intergovernmental Risk Management Agency, a risk sharing pool of approximately 70 local municipalities and special service districts, which have joined together to manage and fund their property/casualty/workers' compensation claims. This metric reports total General Liability claims (both open and closed claims) in all departments since January 1<sup>st</sup>.



Loss prevention programs and a culture of safety that encourages safe work practices will decrease claim frequency rates. This data shows the total number of claims by department updated quarterly, which is an aggregate number of the following claim types: Auto Liability, Auto Physical Damage, General Liability, Property Damage, and Workers Compensation. It is important to realize that Community Services is responsible for routine maintenance, so its general liability claims will naturally be high due to claims involving parkway trees, mailboxes, sidewalks, fire hydrants, the municipal fleet, etc.



This metric provides a snapshot of the Village's overall liability position, separated by General Liability Claims (such as property damage) and Workers Compensation Claims (such as medical bills and lost work-time). Fewer claims filed against the Village mean less money spent and improved financial stability. This data includes the total costs, including net property loss and any other associated expenses, such as attorney fees.



This metric shows the number of new hires over the past year. Includes full-time, part-time, and seasonal employees. A large number of seasonal staff are hired each spring to accommodate parks and recreation programs and lifeguards for the beaches.





# COMMUNITY DEVELOPMENT DEPARTMENT

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## MONTHLY INFORMATION REPORT

**December 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

505 TELSER ROAD  
LAKE ZURICH, IL 60047

## DEPARTMENT NARRATIVE

During the month of December 2024, the Community Development Department was engaged in the following activities:

### **BUILDING & ZONING DIVISION:**

**Commercial Permits Issued:** None

### **Commercial Occupancies Issued:**

- 34 E Main St: Lolo's Bowl
- 48 S Old Rand, Unit 103: The Co-parenting Cooperative
- 442 S Rand: Chipotle Mexican grill

**FOIA Requests:** Total number of FOIA requests: 6

### **PLANNING AND DEVELOPMENT DIVISION:**

The December 18, 2024 meeting of the Planning and Zoning Commission was canceled.

### **New Zoning Applications received (for PZC consideration).**

The following new applications were received for consideration by the PZC at its January 15, 2025 regularly scheduled meeting.

1. *1265 Country Club Road – Fence Height Variation - Aleksandra Kopania and Wiktor Kolanko (Owners).* The owners are requesting a variation to allow for the construction of a 6-foot high fence in the interior side and rear yard of the property for security and safety reasons.
2. *Lake Zurich Comprehensive Plan – Village of Lake Zurich.* The village will present the final draft of the 2025 Comprehensive Plan prepared by Teska Associates and their team for consideration and approval of a recommendation for adoption of the document. A public hearing is scheduled to amend the reference to the Official Comprehensive Plan of the Village of Lake Zurich in Chapter 9-2-5 of the Lake Zurich Zoning Code.

Earlier that day, Teska will present the draft plan to the community at an open house at Vault 232 located at 35 W. Main Street between 4:00 and 6:00 p.m. All are invited to attend the open house to review the document and provide comments and feedback to Teska and village staff.

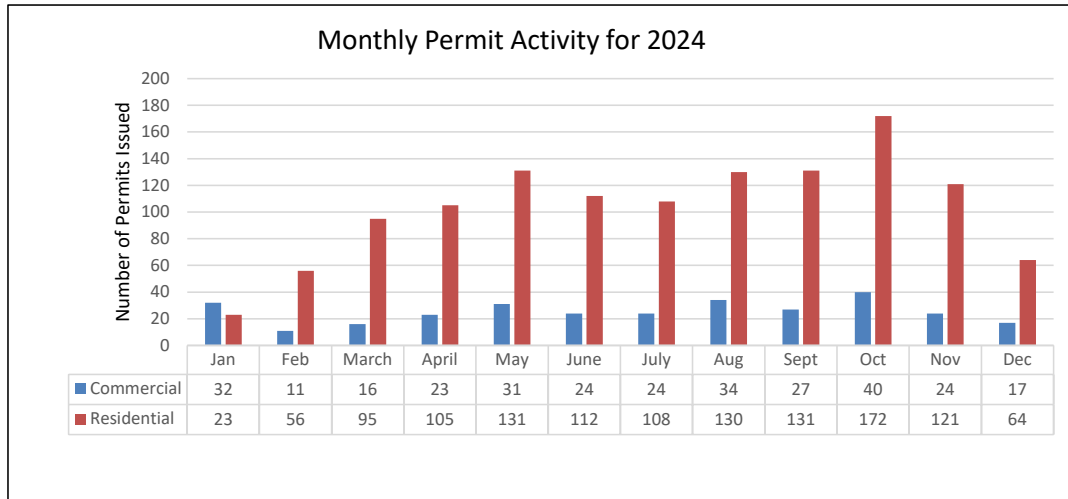
A complete copy of the draft is available at the following website link dedicated to the comprehensive plan. <https://lakezurichtogether.org/>

### **New and Ongoing Development:**

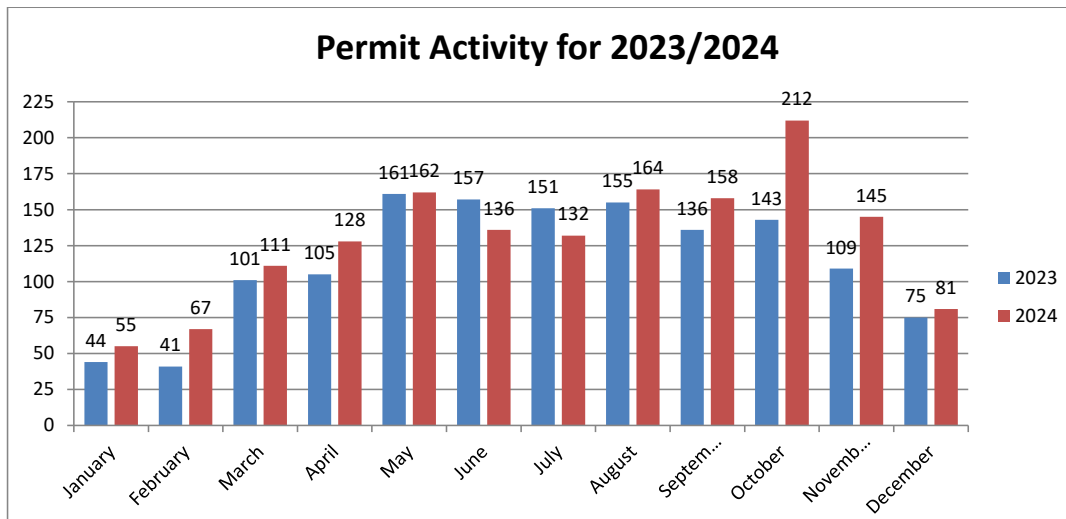
1. *Lolo's Bowls at 34 E Main Street.* The soft serve acai bowl and smoothie bar has received a Final Certificate of Occupancy (CO) to commence operations at its Lake Zurich location. The establishment

already operates a comparable business in Libertyville. The space was previously occupied by Lake Zurich Florist.

2. *Regal Cinema Property.* Representatives from Continental Properties Company Inc. has met with Village staff regarding a commercial and residential development concept for the 23 acres Regal Theater site located at 755 S Rand Road. Most recently, Continental achieved approval from Regal for the purchase of the property, pending finalization of the sales agreement. Continental will appear at the January 6<sup>th</sup> board meeting for a courtesy review.
3. *1289 S Rand Road - Diamond Dental.* Diamond Dental purchased the shuttered Chase Bank at 1289 S. Rand (NW corner of Rand and Cuba). The new owner intends to submit remodeling plans next year. Diamond Dental's is presently located at 754 S. Rand in Deerpath Court.

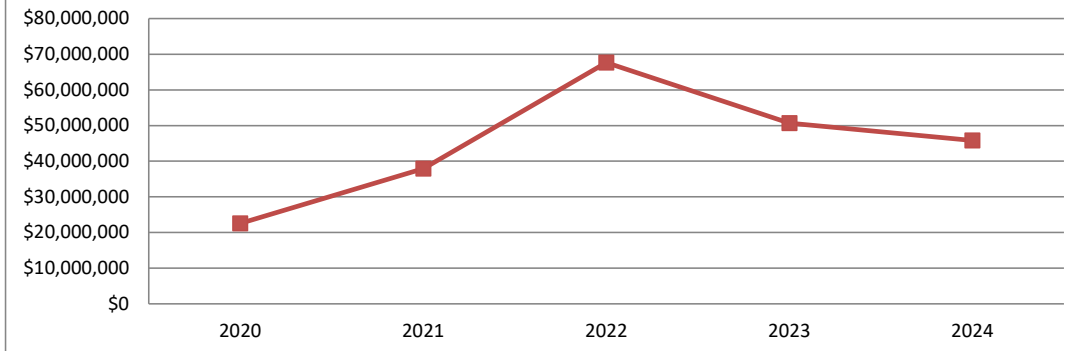


The chart above represents the total of permit for commercial and residential activity on a monthly basis for 2024. (Note: commercial activity includes both business and industrial activity)



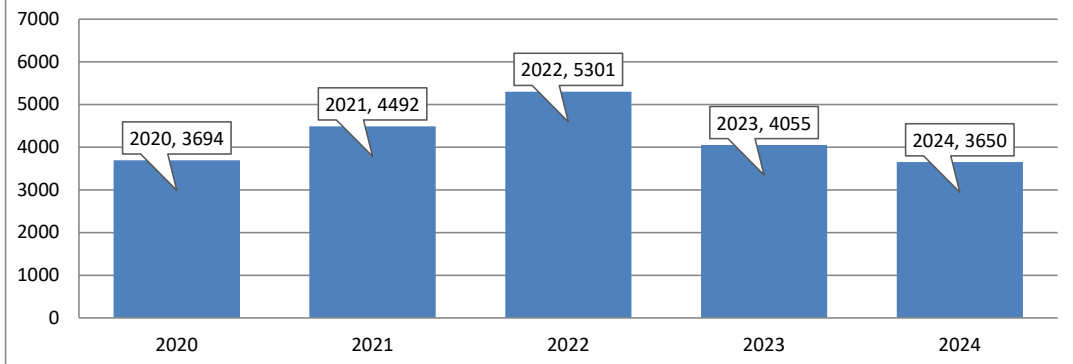
The chart above compares monthly permit activity for 2024 to the previous year 2023.

### Construction Value of New Permits: January-December 2020-2024

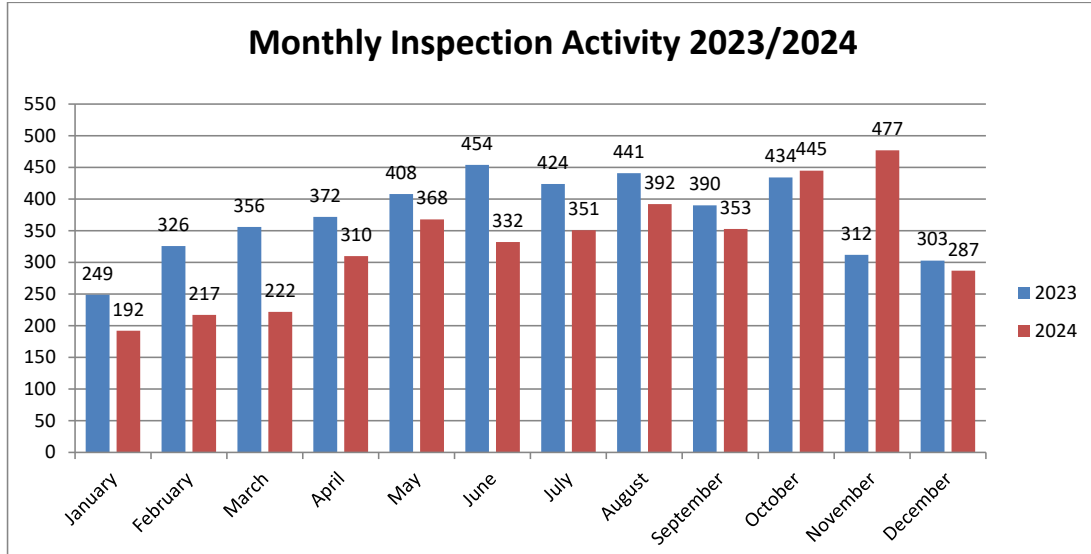


This chart tracks construction value of permit activity by year for 5 years.

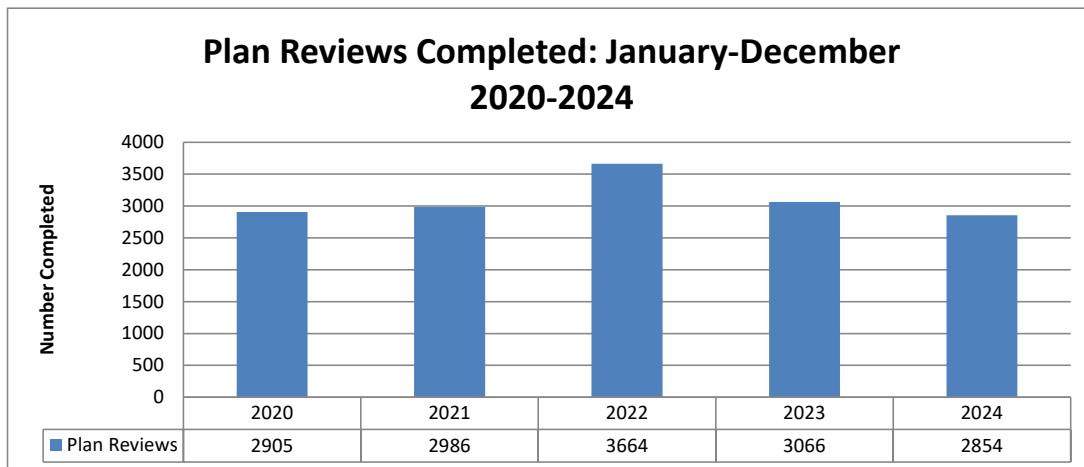
### Inspection Activity: January-December 2020-2024



This graph illustrates the number of inspections performed by year for 5 years.



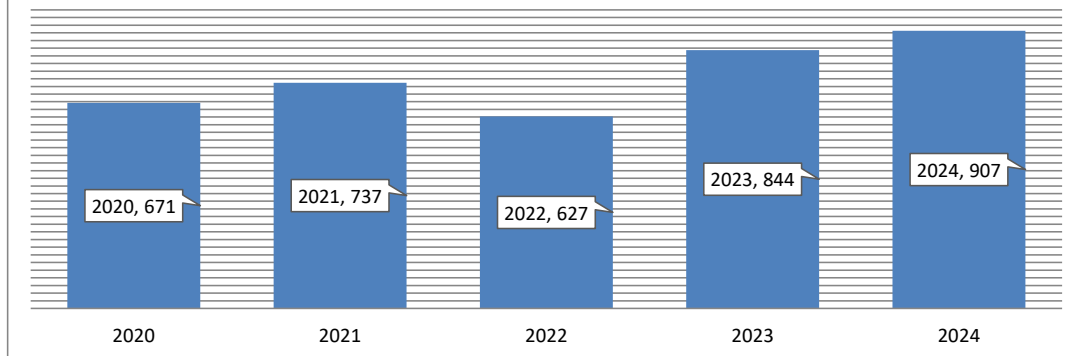
This chart indicates inspection activity on a monthly basis for 2024 compared to the previous year 2023.



This graph illustrates the number of plan reviews performed by year for 5 years.

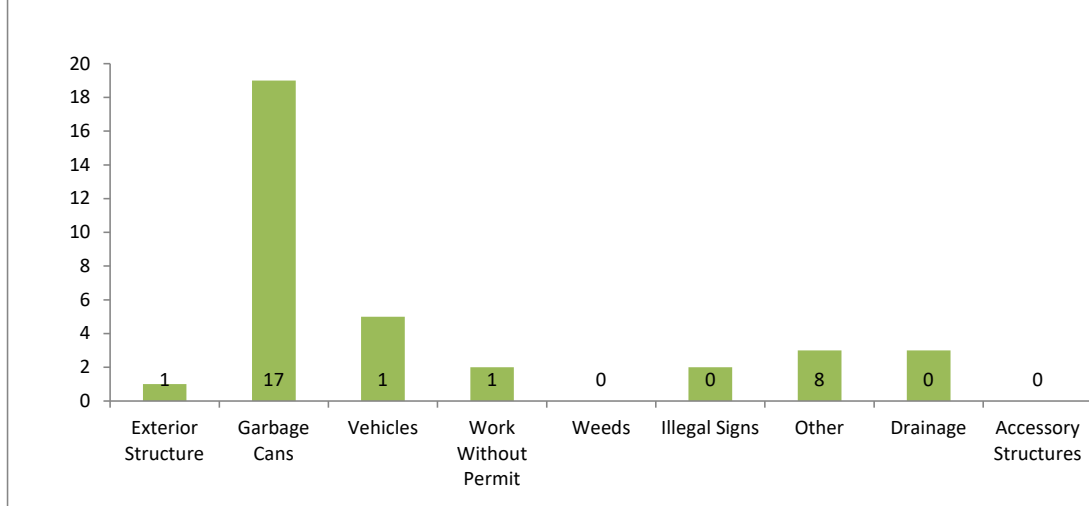


### Contractor Registrations January-December (applied for) 2020-2024



The graph represents the number of contractor registrations for the year as compared to prior 4 years. Contractors are required to register on an annual basis to remain current with the village.

### Common Code Violations - Details



This graph illustrates the number of code violations reported for the month. The data varies from month to month and is season dependent.



# FINANCE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**NOVEMBER 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION MAKING

70 E. MAIN STREET  
LAKE ZURICH, IL 60047

Finance Monthly Report – November 2024

### DEPARTMENT NARRATIVE

During November, preparations for the annual budget for 2025 were finalized. The budget was presented to the Village Board for consideration and feedback; the final budget is presented to the Village Board for adoption in December.

### GENERAL FUND OPERATING RESULTS

#### *SUMMARY*

For the month of November, revenues totaled \$2.34 million and expenditures \$2.23 million, resulting in an operating excess of \$113k. From a budget perspective, we had expected expenditures to exceed revenues by \$152k. Year-to-date figures below represent the eleventh month of activity for the year.

#### **General Fund Operating Results**

	Current Month Budget	Current Month Actual	Year-to-Date Budget	Year-to-Date Actual
Revenues	\$ 2,362,793	\$ 2,343,676	\$ 33,299,559	\$ 34,801,409
Expenditures	2,514,534	2,231,120	32,343,418	31,525,818
<b>Excess (Deficiency)</b>	<b>\$ (151,741)</b>	<b>\$ 112,556</b>	<b>\$ 956,142</b>	<b>\$ 3,275,591</b>

#### *REVENUES*

Following is a summary of revenues by type through November 30, 2024. These figures represent eleven months of financial activity. A more detailed analysis can be found on page 9.

## Finance Monthly Report – November 2024

	Current Month's Budget	Current Month's Actual	% Variance	Year-to-Date Budget	Year-to-Date Actual	% Variance	% of Annual Budget
Taxes	\$ 386,243	\$ 279,629	-27.6%	\$ 11,090,666	\$ 11,125,414	0.31%	97.4%
Intergovernmental	1,671,480	1,659,568	-0.7%	17,911,929	18,577,824	3.72%	95.3%
Licenses & Permits	41,877	43,047	2.8%	806,118	813,087	0.86%	90.8%
Fines and Forfeits	31,822	50,595	59.0%	380,988	373,905	-1.86%	91.1%
Charges for Services	192,896	258,223	33.9%	2,618,277	2,944,986	12.48%	104.1%
Investment Income	32,557	45,191	38.8%	317,943	572,631	80.10%	143.2%
Miscellaneous	5,917	7,423	25.5%	173,638	393,563	126.66%	221.4%
Operating Transfers	0	0	0.0%	0	0	0.0%	0.0%
Total Revenue	\$ 2,362,793	\$ 2,343,676	-0.8%	\$ 33,299,559	\$ 34,801,409	4.51%	97.7%

**Taxes:**

Revenues from taxes came in at \$280k in November, below budget expectations. The budget expectations are determined using historical averages, whereas the actual disbursement fluctuates depending on the timing of property tax payments received by the county. While property taxes are received primarily June through September, the remaining revenues in this category contribute a significant amount of revenue each month all year round.

Telecommunications tax receipts were about 45% higher than expected for the month at \$29k. That is 5% more than the amount received in the same month of the prior year. More information regarding Telecommunications tax can be found on page 12.

Utility taxes were mixed for the month. The gas utility tax had \$17k in receipts, below budget expectations of \$24k. Electric utility tax came in at \$71k versus the expected \$70k. Combined, utility taxes were 7% lower than expected. The payments are based primarily on October activity. More detail on the Utility Taxes can be found on page 13.

**Intergovernmental Revenue:**

Revenue from other governments totaled \$1.66 million in November, which fell short of budget expectations for the category. Year-to-date receipts are 4% above expectations.

State sales tax receipts were above budget expectations for the month at \$834k. This represents sales from August and was 4% less than receipts from the same month last year. More information regarding Sales Tax can be found on page 14.

#### Finance Monthly Report – November 2024

Income Tax receipts came in above budget expectations with the receipts for November totaling \$222k compared to an expected \$220k. Details on Income Tax are provided on page 15.

Video gaming tax receipts came in 14% below budget expectations at \$26k. Video gaming tax is received two months in arrears. The video gaming tax receipts budgeted for November relate to tax for September activity.

#### **Licenses and Permits:**

Revenue from the issuance of licenses and permits came in at \$43k for November, 3% above budget expectations. Building permits (\$14k), fire operational permits (\$7k), and contractor registration (\$5k) were the biggest contributors. Additional items included in license and permit revenue are permit plan review (\$5k), plumbing permits (\$3k), and occupancy certificates (\$2k). Due to the variable nature of these types of revenues, fluctuations are expected throughout the year based on activity.

#### **Fines and Forfeits:**

Revenue from police fines came in above budget expectations during November, with receipts of \$51k. The revenues in this category include various fines generated from police citations, such as red light and local ordinance violations.

#### **Charges for Services:**

Revenue from service charges totaled \$258k in November. The main revenue sources in this category are ambulance, engineering fees and park program fees. As ambulance fees are based purely on activity and need, this revenue source can fluctuate considerably during the year. Ambulance receipts for the month were recorded at \$195k. Engineering review receipts for the month were recorded at \$6k. For park program fees, this is a combination of timing of receipts and fluctuating activity levels; receipts in November were below budget expectations at 14k.

#### **Investment Income:**

The General Fund investment income in November was \$45k. Currently, the investments are concentrated in certificates of deposit, treasury obligations, and interest-bearing money market accounts. A detailed cash and investment report can be found on page 17.

## Finance Monthly Report – November 2024

**Miscellaneous:**

The General Fund miscellaneous revenue in November was \$7k. Receipts for this category were fundraising reimbursements (\$6k), and other small items.

***EXPENDITURES***

For the month of November, expenditures totaled \$2.23 million for the General Fund, which was 11% below projections of \$2.51 million. The table below presents a summary of General Fund expenditures by department as of November 30, 2024. Additional detail can be found on page 9.

Department Or Program	Current Month's Budget	Current Month's Actual	% Variance	YTD Budget	YTD Actual	% Variance	% of Annual Budget
Legislative	\$ 4,611	\$ 8,602	86.6%	\$ 65,480	\$ 61,467	-6.1%	88.3%
Administration	\$ 119,681	\$ 117,982	-1.4%	\$ 1,295,086	\$ 1,201,410	-7.2%	75.6%
Finance	\$ 41,036	\$ 39,665	-3.3%	\$ 543,734	\$ 531,057	-2.3%	90.8%
Technology	\$ 37,078	\$ 31,594	-14.8%	\$ 531,437	\$ 541,592	1.9%	93.3%
Police	\$ 614,500	\$ 562,445	-8.5%	\$ 8,757,892	8,795,123	0.4%	91.9%
Fire	\$ 932,056	\$ 759,175	-18.5%	\$ 12,469,499	11,920,151	-4.4%	88.5%
Community Develop.	\$ 121,176	\$ 92,655	-23.5%	\$ 1,038,854	957,524	-7.8%	75.9%
Public Works	\$ 341,873	\$ 322,629	-5.6%	\$ 3,821,052	3,695,556	-3.3%	87.2%
Park & Recreation	\$ 70,877	\$ 64,729	-8.7%	\$ 1,272,289	1,273,843	0.1%	89.6%
Operating Transfers	\$ 231,645	\$ 231,645	0.0%	\$ 2,548,095	2,548,095	0.0%	90.0%
<b>Total</b>	<b>\$ 2,514,534</b>	<b>\$ 2,231,120</b>	<b>-11.3%</b>	<b>\$ 32,343,418</b>	<b>\$ 31,525,818</b>	<b>-2.5%</b>	<b>88.5%</b>

**OPERATING RESULTS OF OTHER FUNDS**

Following are some observations regarding the revenues and expenditures of other funds. A financial summary of funds other than General is provided on pages 10-11.

**Special Revenue Funds:**

Motor fuel tax revenue came in at \$95k in November, which was 4% below budget expectations. Conservative estimates for revenues highly sensitive to the economy, such as this one, allow for fluctuations later in the year. Expenditures from the Motor Fuel Tax Fund were \$76k for the crack seal program (\$60k), electricity (\$14k), the mowing contract (\$2k), and a small amount for signal maintenance.

November revenues for the Hotel Tax Fund totaled \$13k. The revenue in this fund is a combination of hotel tax receipts and interest income. Per Village Ordinance #2003-10-252, hotel tax receipts are due



#### Finance Monthly Report – November 2024

quarterly. Therefore, the village does not receive receipts each month. Expenditures of \$8k were recorded for the month, most of which is a transfer to the Special Events Fund for the funding of special events.

The Special Events Fund allocates resources for special events and their corresponding expenditures. Revenues for November totaled \$29k, which relate to funding transfers in from other funds. Expenditures for the month totaled \$25k, consisting of normal staff expenses (\$18k), and external events (\$7k).

#### **Debt Service Funds:**

The debt service funds record annual debt service payments for several of the village issuances. November revenues for the debt service fund are \$14k from property taxes and \$6k from interest and changes in market value of investments. No expenditures were recorded for November.

#### **Capital Projects Funds:**

November revenue for the capital projects funds came in at \$477k. The majority of the revenue was from Non-Home Rule Sales Tax (NHRST), with receipts from November of \$264k. This was 1% lower than budget expectations and 3% lower than the same month last year. November receipts represent sales from August. More detail on the NHRST revenue can be found on page 16. Remaining revenues for capital project funds include funding transfers (\$154k), interest income and change in market value of investments (\$48k), and park impact fees (10k).

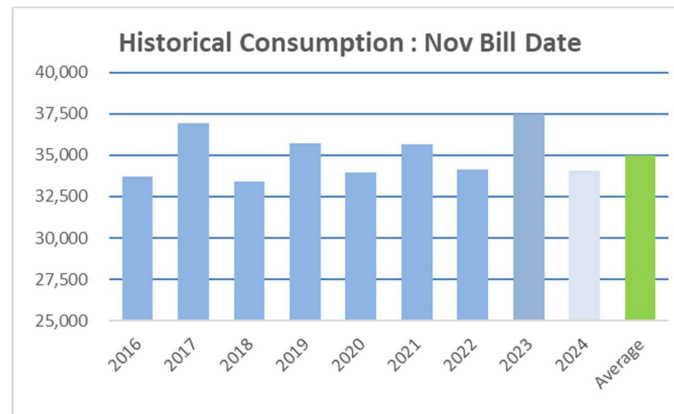
Expenditures of \$383k were recorded in November for capital projects, consisting of road resurfacing (\$160k), patch program (\$150k), promenade improvements (\$13k), OSLAD (\$12k), Main Street streetscape (\$10k), fall planting (\$10k), parking lot improvements (\$9k), Buffalo Creek Streambank (\$6k), and other small items.

#### **Water and Sewer Fund:**

November revenue totaled \$753k, which was just above the budget estimate of \$751k. Consumption metered in November was 34M gallons, lower than the nine-year average of 35M gallons. The consumption billed in November primarily represents water metered in late October and early November. With about 40M gallons pumped, about 15% of pumped water was lost to main breaks, fire

## Finance Monthly Report – November 2024

department use, or other small issues. A chart comparing water consumption over the past eight years provided below.



Expenses in the Water Fund were \$851k for the month. Of this amount, \$185k was a non-cash transaction to record depreciation of the infrastructure assets of the fund, \$280k was for water infrastructure, \$32k was for Lake Michigan water route study, and \$20k was for machinery and equipment. The remaining expenses are personnel expenses, other operational items and other smaller operating items. Throughout the year, spending is monitored to ensure revenues are sufficient to cover operations and capital needs as necessary. Any annual surplus would be used for expenditures later in the year and provide cash flow for improvements to maintain the aging infrastructure.

**Internal Service Funds:**

Internal service funds are used to reserve resources for a specific purpose and to allocate the user charges accordingly. The village has three active internal service funds: Medical Self Insurance, Risk Management and Equipment Replacement. Revenues are a combination of user charges from other funds as appropriate. Expenditures fluctuate, depending on activity levels, particularly in the Risk Management Fund.

The Equipment Replacement fund in particular is subject to funding availability from the General Fund. November expenses include non-cash depreciation expenses (\$45k), a transit (\$56k), a utility vehicle (\$20k), a floor scrubber (\$20k), and computer equipment (\$5k).

## Finance Monthly Report – November 2024

**Special Service Areas:**

While the village does not budget for Special Service Area (SSA) revenues and expenses, as funds are being collected and spent for village SSA's, the following information can be of value to report. The only expenses for the month of November were \$5k for water quality management and \$3k for sweeping and mowing (SSA #8, #9, #11, and #13).

SSA Activity  
Nov-24

SSA #	Location	Beginning Balance 1/1/2024	Year-To-Date		Ending Balance 12/31/2024	Annual Expected		Annual Expected	
			Revenues	Expenses		Revenues	YTD %	Expenses	YTD %
SSA #8	Heatherleigh	54,646	10,076	20,880	43,841	9,697	103.90%	23,196	90.01%
SSA #9	Willow Ponds	127,185	11,950	5,250	133,886	11,851	100.84%	19,300	27.20% <sup>b</sup>
SSA #10	Westberry	18,987	997	-	19,984	1,000	99.70%	-	N/A
SSA #11	Lake Zurich Pines	27,244	-	20,744	6,499	-	#DIV/0! <sup>a</sup>	27,244	76.14%
SSA #13	Conventry Creek	229,086	30,000	10,686	248,400	29,894	100.36% <sup>a</sup>	16,662	64.14%
SSA #16	Country Club	1,478	-	-	1,478	-	N/A	-	N/A
		458,625	53,023	57,561	454,088	52,443	101.11%	86,402	0.00%

a) Flat amount levied per property.

b) At some point after enough funds have accrued, Willow Ponds will require dredging, estimated at \$120,000+

**Police and Firefighters' Pension Funds:**

A snapshot of activity related to the public safety pension funds of the village is provided as part of the monthly report. It is important to note that a significant revenue source for both pension funds is the annual property tax levy, of which receipts are typically recorded between June and September of each year, affecting the cash flows of each fund. For November, there was a delay in receiving the police pension statements from IPOPIF due to the consolidating of the remaining police pension funds. Therefore, no monthly activity is available for the police pension fund.

The Firefighters' Pension Fund investments recorded an unrealized gain of \$1.57 million from investments. Total municipal and member contributions for the month totaled \$83k. Total revenues for the month were \$1.65 million. Expenses for the month were \$291k of which \$284k was for pension and benefit payments, \$3k was for professional services, and \$5k was for investment and other expenses. For the month of November, the fund experienced a gain of \$1.36 million. As of November 30th, the fund had a net position of \$60.3 million. Additional information can be found on page 18.

Finance Monthly Report – November 2024

**Conclusion:**

For the one fiscal period covered by this report, no major concerns were identified. Major revenue sources are performing within reason and expenditures have been kept to a minimum. We will continue to monitor revenues and expenditures closely throughout the coming months.

Respectfully Submitted,

*Amy Sparkowski*

Amy Sparkowski  
Director of Finance

**VILLAGE OF LAKE ZURICH  
OPERATING REPORT SUMMARY  
GENERAL FUND  
November 30, 2024**

	Current Month			Year-to-Date			Amended Annual Budget	% of Annual Budget Achieved
	Budget	Actual	% Variance	Budget	Actual	% Variance		
<b>REVENUES</b>								
<b>Taxes</b>								
Property Taxes	223,504	101,995	(54.4%)	9,329,978	9,359,970	0.3%	9,528,414	98.2%
Utility Tax - Electric	69,799	70,540	1.1%	863,000	871,807	1.0%	930,418	93.7%
Utility Tax - Gas	23,821	17,031	(28.5%)	435,169	335,546	(22.9%)	486,113	69.0%
Cable Tv Franchise	49,363	61,519	24.6%	236,169	259,939	10.1%	237,715	109.3%
Telecom Tax	19,755	28,544	44.5%	226,349	298,152	31.7%	238,907	124.8%
<b>Total Taxes</b>	<b>386,243</b>	<b>279,629</b>	<b>-27.6%</b>	<b>11,090,666</b>	<b>11,125,414</b>	<b>0.3%</b>	<b>11,421,567</b>	<b>97.4%</b>
<b>Intergovernmental</b>								
State Sales Tax	796,943	834,459	4.7%	7,387,405	7,793,276	5.5%	8,085,057	96.4%
State Income Tax	220,288	221,680	0.6%	3,122,469	3,182,434	1.9%	3,318,041	95.9%
State Use Tax	66,431	55,337	(16.7%)	759,136	675,942	(11.0%)	841,733	80.3%
Video Gaming Tax	30,218	25,946	(14.1%)	288,926	284,753	(1.4%)	323,970	87.9%
Fire/Rescue Srvc Contract	542,614	471,683	(13.1%)	5,968,761	5,897,829	(1.2%)	6,511,375	90.6%
Other Intergovernmental	14,987	50,462	236.7%	385,233	743,591	93.0%	405,863	183.2%
<b>Total Intergovernmental</b>	<b>1,671,480</b>	<b>1,659,568</b>	<b>(0.7%)</b>	<b>17,911,929</b>	<b>18,577,824</b>	<b>3.7%</b>	<b>19,486,039</b>	<b>95.3%</b>
<b>Licenses &amp; Permits</b>								
Liquor Licenses	-	-	0.0%	137,574	175,400	27.5%	160,000	109.6%
Business Licenses	-	-	0.0%	79,757	110,373	38.4%	95,000	116.2%
Building Permits	16,492	14,140	(14.3%)	189,192	181,628	(4.0%)	212,000	85.7%
Permit Plan Review	7,384	4,578	(38.0%)	108,699	77,808	(28.4%)	116,600	66.7%
Other Permits	18,001	24,329	35.2%	290,896	267,879	(7.9%)	312,220	85.8%
<b>Total Licenses &amp; Permits</b>	<b>41,877</b>	<b>43,047</b>	<b>2.8%</b>	<b>806,118</b>	<b>813,087</b>	<b>0.9%</b>	<b>895,820</b>	<b>90.8%</b>
<b>Fines and Forfeits</b>	<b>31,822</b>	<b>50,595</b>	<b>59.0%</b>	<b>380,988</b>	<b>373,905</b>	<b>(1.9%)</b>	<b>410,500</b>	<b>91.1%</b>
<b>Charges for Services</b>								
Fire/Rescue Ambulance Fee	107,869	194,545	80.4%	1,157,568	1,316,909	13.8%	1,300,000	101.3%
Park Program Fees	16,450	13,650	(17.0%)	811,278	897,418	10.6%	823,889	108.9%
Other Charges for Services	68,576	50,028	(27.0%)	649,431	730,658	12.5%	704,930	103.6%
<b>Total Charges for Services</b>	<b>192,896</b>	<b>258,223</b>	<b>33.9%</b>	<b>2,618,277</b>	<b>2,944,986</b>	<b>12.5%</b>	<b>2,828,819</b>	<b>104.1%</b>
<b>Investment Income</b>	<b>32,557</b>	<b>45,191</b>	<b>38.8%</b>	<b>317,943</b>	<b>572,631</b>	<b>80.1%</b>	<b>400,000</b>	<b>143.2%</b>
<b>Miscellaneous</b>	<b>5,917</b>	<b>7,423</b>	<b>25.5%</b>	<b>173,638</b>	<b>393,563</b>	<b>126.7%</b>	<b>177,794</b>	<b>221.4%</b>
<b>Total General Fund Revenues</b>	<b>2,362,793</b>	<b>2,343,676</b>	<b>(0.8%)</b>	<b>33,299,559</b>	<b>34,801,409</b>	<b>4.5%</b>	<b>35,620,539</b>	<b>97.7%</b>
<b>EXPENDITURES</b>								
<b>General Government</b>								
Legislative	4,611	8,602	86.6%	65,480	61,467	(6.1%)	69,575	88.3%
Administration	119,681	117,982	(1.4%)	1,295,086	1,201,410	(7.2%)	1,589,526	75.6%
Finance	41,036	39,665	(3.3%)	543,734	531,057	(2.3%)	585,039	90.8%
Technology	37,078	31,594	(14.8%)	531,437	541,592	1.9%	580,417	93.3%
<b>Total Gen. Govt.</b>	<b>202,406</b>	<b>197,843</b>	<b>(2.3%)</b>	<b>2,435,736</b>	<b>2,335,526</b>	<b>(4.1%)</b>	<b>2,824,557</b>	<b>82.7%</b>
<b>Public Safety</b>								
Police	614,500	562,445	(8.5%)	8,757,892	8,795,123	0.4%	9,569,189	91.9%
Fire	932,056	759,175	(18.5%)	12,469,499	11,920,151	(4.4%)	13,467,992	88.5%
Community Development	121,176	92,655	(23.5%)	1,038,854	957,524	(7.8%)	1,262,294	75.9%
<b>Total Public Safety</b>	<b>1,667,733</b>	<b>1,414,275</b>	<b>(15.2%)</b>	<b>22,266,245</b>	<b>21,672,798</b>	<b>(2.7%)</b>	<b>24,299,475</b>	<b>89.2%</b>
<b>Streets - Public Works</b>	<b>341,873</b>	<b>322,629</b>	<b>(5.6%)</b>	<b>3,821,052</b>	<b>3,695,556</b>	<b>(3.3%)</b>	<b>4,240,368</b>	<b>87.2%</b>
<b>Culture - Park and Recreation</b>	<b>70,877</b>	<b>64,729</b>	<b>(8.7%)</b>	<b>1,272,289</b>	<b>1,273,843</b>	<b>0.1%</b>	<b>1,421,099</b>	<b>89.6%</b>
<b>Total General Fund Expend.</b>	<b>2,282,889</b>	<b>1,999,475</b>	<b>(12.4%)</b>	<b>29,795,323</b>	<b>28,977,723</b>	<b>(2.7%)</b>	<b>32,785,499</b>	<b>88.4%</b>
<b>Operating Transfers Out</b>	<b>231,645</b>	<b>231,645</b>	<b>0.0%</b>	<b>2,548,095</b>	<b>2,548,095</b>	<b>0.0%</b>	<b>2,829,740</b>	<b>90.0%</b>
<b>NET INCOME (LOSS) FOR GENERAL</b>	<b>(151,741)</b>	<b>112,556</b>		<b>956,142</b>	<b>3,275,591</b>		<b>5,300</b>	

**VILLAGE OF LAKE ZURICH  
OPERATING REPORT SUMMARY  
November 30, 2024**

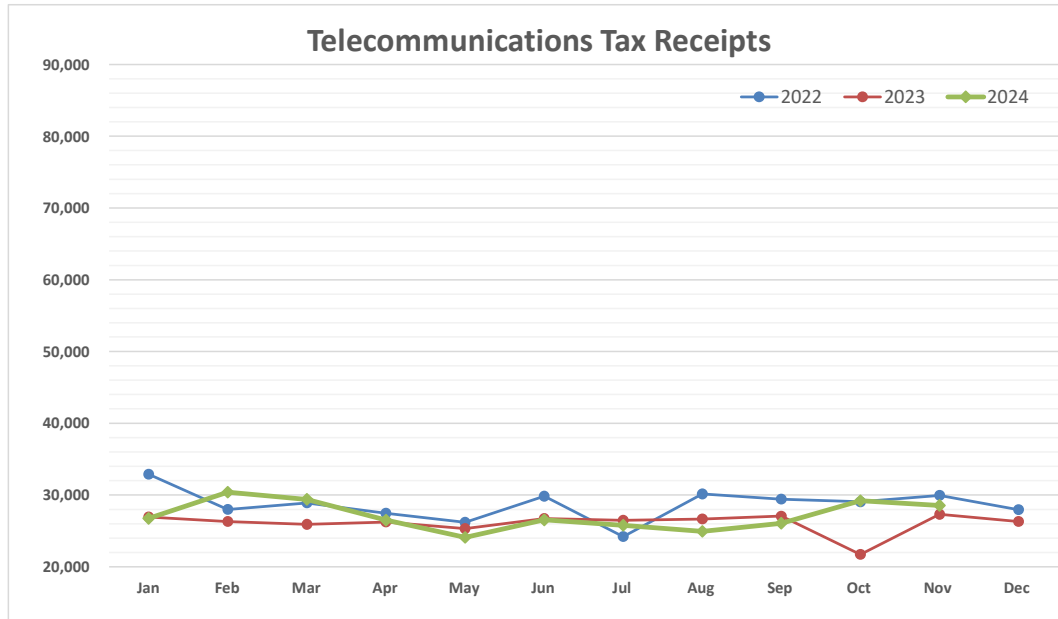
	Current Month			Year-to-Date			Amended Annual Budget	% of Annual Budget Achieved
	Budget	Actual	% Variance	Budget	Actual	% Variance		
SPECIAL REVENUE FUNDS								
MOTOR FUEL TAX FUND								
Revenues	98,675	94,577	(4.2%)	961,896	960,805	(0.1%)	1,068,211	89.9%
Expenditures	75,740	75,985	0.3%	517,205	396,659	(23.3%)	607,483	65.3%
Net Activity Gain (Loss)	22,936	18,592		444,691	564,146		460,728	
HOTEL TAX FUND								
Revenues	14,541	13,086	(10.0%)	121,980	125,785	3.1%	130,169	96.6%
Expenditures	8,098	7,865	(2.9%)	102,738	99,785	(2.9%)	110,578	90.2%
Net Activity Gain (Loss)	6,443	5,221		19,242	26,000		19,591	
SPECIAL EVENTS FUND								
Admin & Miscellaneous								
Revenues	22,462	22,752	1.3%	247,614	251,896	1.7%	270,440	93.1%
Expenditures	19,794	24,934	26.0%	248,706	257,521	3.5%	267,754	96.2%
Net Activity Gain (Loss)	2,668	(2,181)		(1,092)	(5,625)		2,686	
Rock the Block								
Revenues	-	-	0.0%	66,578	84,177	26.4%	67,000	125.6%
Expenditures	43	55	27.5%	69,595	73,312	5.3%	72,203	101.5%
Net Activity Gain (Loss)	(43)	(55)		(3,018)	10,865		(5,203)	
Farmers Market								
Revenues	-	-	0.0%	8,628	12,225	41.7%	8,750	139.7%
Expenditures	-	-	0.0%	8,793	9,440	7.4%	8,941	105.6%
Net Activity Gain (Loss)	-	-		(165)	2,785		(191)	
Fourth of July								
Revenues	4,296	5,000	16.4%	69,126	66,396	(3.9%)	74,000	89.7%
Expenditures	-	-	0.0%	71,186	87,061	22.3%	71,186	122.3%
Net Activity Gain (Loss)	4,296	5,000		(2,060)	(20,665)		2,814	
Winter Festival								
Revenues	1,569	1,404	(10.5%)	14,950	18,671	24.9%	20,550	90.9%
Expenditures	3,017	25	(99.2%)	10,415	17,358	66.7%	20,512	84.6%
Net Activity Gain (Loss)	(1,448)	1,379		4,535	1,313		38	
Special Events Fund Total	5,473	4,143		(1,800)	(11,327)		144	
TIF #1 TAX FUND								
Revenues	33,248	12,937	(61.1%)	1,534,521	1,773,880	15.6%	1,563,330	113.5%
Expenditures	627,960	-	(100.0%)	1,199,446	586,507	(51.1%)	1,433,899	40.9%
Net Activity Gain (Loss)	(594,712)	12,937		335,074	1,187,373		129,431	
TIF #2 - DOWNTOWN								
Revenues	15,324	12,051	(21.4%)	435,168	610,646	40.3%	455,500	134.1%
Expenditures	178,656	126,800	(29.0%)	683,324	198,868	(70.9%)	1,362,850	14.6%
Net Activity Gain (Loss)	(163,332)	(114,749)		(248,156)	411,778		(907,350)	
TIF #3 - RAND ROAD								
Revenues	323	909	181.7%	90,566	134,642	48.7%	98,980	136.0%
Expenditures	-	-	0.0%	1,500	1,250	(16.7%)	1,500	83.3%
Net Activity Gain (Loss)	323	909		89,066	133,392		97,480	
TIF #4 - INDUSTRIAL DISTRICT								
Revenues	-	734	0.0%	-	298,210	0.0%	-	#DIV/0!
Expenditures	-	-	0.0%	-	767	0.0%	-	#DIV/0!
Net Activity Gain (Loss)	-	734		-	297,444		-	
DISPATCH CENTER FUND								
Revenues	156,738	144,637	(7.7%)	1,564,113	1,736,125	11.0%	1,696,400	102.3%
Expenditures	132,485	120,960	(8.7%)	1,556,296	1,465,680	(5.8%)	1,689,437	86.8%
Net Activity Gain (Loss)	24,253	23,677		7,817	270,445		6,963	

**VILLAGE OF LAKE ZURICH**  
**OPERATING REPORT SUMMARY**  
**November 30, 2024**

	Current Month			Year-to-Date			Amended Annual Budget	% of Annual Budget Achieved
	Budget	Actual	% Variance	Budget	Actual	% Variance		
DEBT SERVICE FUNDS								
VILLAGE DEBT SERVICE								
Revenues	33,280	17,869	(46.3%)	1,326,209	1,351,144	1.9%	1,356,000	99.6%
Expenditures	-	-	0.0%	1,330,654	1,330,654	0.0%	1,330,654	100.0%
Net Activity Gain (Loss)	33,280	17,869		(4,445)	20,490		25,346	
TIF #1 DEBT SERVICE								
Revenues	855,892	2,229	(99.7%)	2,162,476	1,324,155	(38.8%)	2,164,000	61.2%
Expenditures	-	-	0.0%	2,069,688	2,068,428	(0.1%)	2,069,688	99.9%
Net Activity Gain (Loss)	855,892	2,229		92,788	(744,274)		94,312	
CAPITAL PROJECT FUNDS								
CAPITAL IMPROVEMENTS								
Revenues	166,736	186,717	12.0%	1,863,561	2,525,225	35.5%	2,051,500	123.1%
Expenditures	1,134,618	61,686	(94.6%)	6,111,344	2,307,642	(62.2%)	7,843,000	29.4%
Net Activity Gain (Loss)	(967,881)	125,031		(4,247,783)	217,583		(5,791,500)	
NON-HOME RULE SALES TAX								
Revenues	285,440	290,600	1.8%	2,672,943	2,855,619	6.8%	2,952,286	96.7%
Expenditures	265,976	320,940	20.7%	2,384,789	2,377,780	(0.3%)	3,083,250	77.1%
Net Activity Gain (Loss)	19,464	(30,340)		288,155	477,840		(130,964)	
ENTERPRISE FUND								
WATER AND SEWER								
Revenues	750,902	753,453	0.3%	9,329,646	10,002,262	7.2%	10,100,274	99.0%
Expenses								
Administration	61,873	60,010	(3.0%)	648,292	671,804	3.6%	741,336	90.6%
Debt	10,940	2,008	(81.6%)	86,805	85,321	(1.7%)	89,461	95.4%
Depreciation	185,417	185,417	0.0%	2,039,583	2,039,583	0.0%	2,225,000	91.7%
Billing	19,526	30,180	54.6%	241,257	242,656	0.6%	269,131	90.2%
Water	1,698,823	511,220	(69.9%)	7,511,447	4,923,850	(34.4%)	10,900,909	45.2%
Sewer	122,042	62,329	(48.9%)	1,169,723	903,009	(22.8%)	1,513,093	59.7%
	2,098,620	851,162		11,697,107	8,866,224		15,738,930	
Net Activity Gain (Loss)	(1,347,718)	(97,710)		(2,367,461)	1,136,038		(5,638,656)	
INTERNAL SERVICE FUNDS								
MEDICAL INSURANCE								
Revenues	315,309	300,754	(4.6%)	3,453,737	3,331,254	(3.5%)	3,753,074	88.8%
Expenses	255,214	257,622	0.9%	3,465,636	2,883,912	(16.8%)	3,723,066	77.5%
Net Activity Gain (Loss)	60,094	43,131		(11,899)	447,342		30,008	
RISK MANAGEMENT								
Revenues	127,906	137,736	7.7%	1,347,044	1,512,968	12.3%	1,549,535	97.6%
Expenses	21,907	20,599	(6.0%)	1,169,202	1,384,739	18.4%	1,437,538	96.3%
Net Activity Gain (Loss)	105,999	117,136		177,842	128,229		111,997	
EQUIPMENT REPLACEMENT								
Revenues	56,619	62,057	9.6%	586,454	712,067	21.4%	721,600	98.7%
Expenses	70,885	146,498	106.7%	1,182,768	953,735	(19.4%)	1,539,546	61.9%
Net Activity Gain (Loss)	(14,266)	(84,441)		(596,314)	(241,668)		(817,946)	
TOTAL ALL VILLAGE FUNDS	(2,105,492)	156,192		(5,067,040)	7,596,421		(12,305,116)	



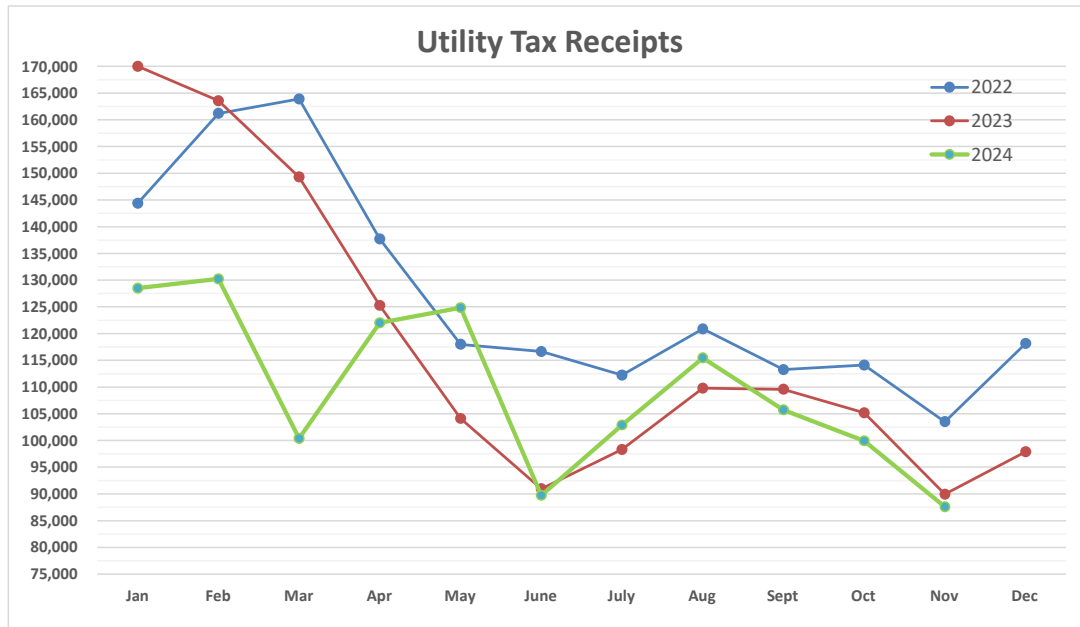
DEPARTMENT OF FINANCE  
MONTHLY REPORT  
NOVEMBER 2024



**Collection History**

Received	Earned	Historical			Current Year Actual		Current Year Budget		
		FY 2022	FY 2023	% Change	FY 2024	% Change	Budget	Variance \$	Variance %
January	October	32,888	26,937	-18.10%	26,739	-0.74%	22,089	4,650	21.05%
February	November	27,974	26,305	-5.97%	30,389	15.53%	22,387	8,002	35.75%
March	December	28,903	25,897	-10.40%	29,385	13.47%	20,817	8,568	41.16%
April	January	27,467	26,239	-4.47%	26,500	1.00%	19,791	6,709	33.90%
May	February	26,181	25,298	-3.37%	24,088	-4.78%	22,743	1,345	5.91%
June	March	29,825	26,724	-10.40%	26,526	-0.74%	20,300	6,226	30.67%
July	April	24,202	26,470	9.37%	25,769	-2.65%	19,458	6,311	32.43%
August	May	30,131	26,641	-11.58%	24,948	-6.36%	20,273	4,675	23.06%
September	June	29,408	27,045	-8.03%	26,061	-3.64%	19,826	6,235	31.45%
October	July	29,037	21,714	-25.22%	29,204	34.49%	18,910	10,294	54.44%
November	August	29,947	27,301	-8.84%	28,544	4.55%	19,755	8,789	44.49%
December	September	27,958	26,310	-5.89%			12,558		
		343,921	312,880	-9.03%	298,152		238,907	71,803	
Y-T-D		315,962	286,570	-9.30%	298,152	4.04%	226,349	71,803	31.72%

DEPARTMENT OF FINANCE  
MONTHLY REPORT  
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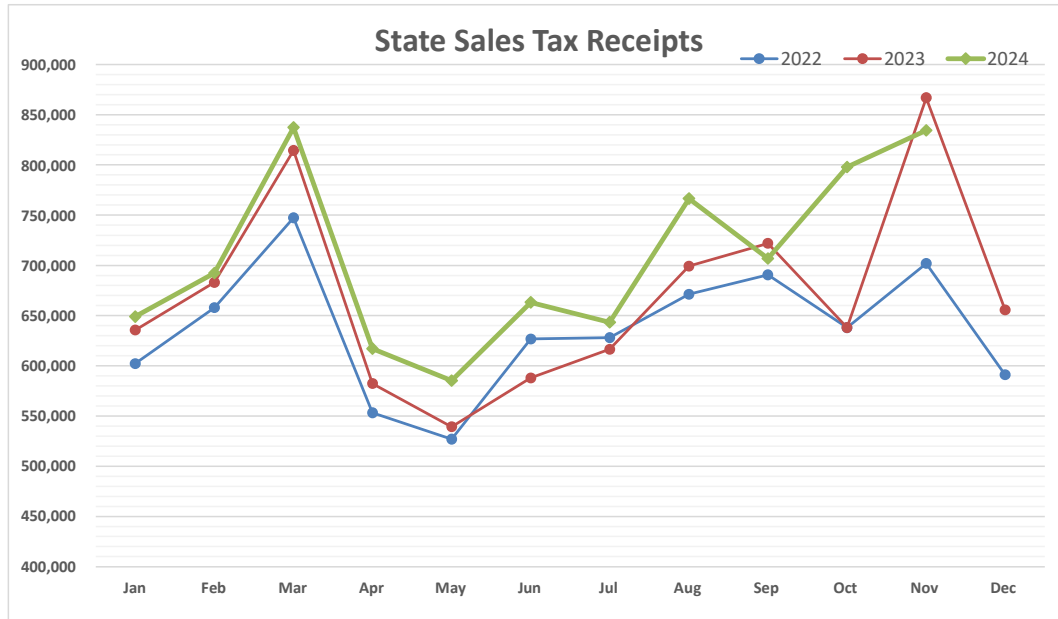


**Collection History**

**COMBINED - ELECTRICITY & GAS**

Receipt Month	Liability Month	Historical			Current Year Actual		Current Year Budget		
		2022	2023	% Change	2024	% Change	FY 2024	Variance \$	Variance %
Jan	Dec	144,392	169,997	17.7%	128,499	-24.4%	142,101	(13,602)	-9.6%
Feb	Jan	161,197	163,549	1.5%	130,227	-20.4%	146,020	(15,793)	-10.8%
Mar	Feb	163,887	149,304	-8.9%	100,379	-32.8%	149,186	(48,807)	-32.7%
Apr	Mar	137,718	125,258	-9.0%	122,020	-2.6%	127,866	(5,846)	-4.6%
May	Apr	117,990	104,119	-11.8%	124,867	19.9%	105,980	18,887	17.8%
June	May	116,659	90,943	-22.0%	89,743	-1.3%	98,403	(8,660)	-8.8%
July	June	112,246	98,324	-12.4%	102,895	4.6%	101,571	1,324	1.3%
Aug	July	120,867	109,785	-9.2%	115,472	5.2%	116,331	(859)	-0.7%
Sept	Aug	113,271	109,576	-3.3%	105,741	-3.5%	110,891	(5,150)	-4.6%
Oct	Sept	114,085	105,163	-7.8%	99,939	-5.0%	106,200	(6,261)	-5.9%
Nov	Oct	103,512	89,950	-13.1%	87,571	-2.6%	93,620	(6,049)	-6.5%
Dec	Nov	118,176	97,895	-17.2%	-		118,362		
		1,524,000	1,413,863	-7.23%	1,207,353	-14.6%	1,416,531	(90,816)	
Y-T-D		1,405,825	1,315,968	-6.39%	1,207,353	-8.3%	1,298,169	(90,816)	-7.0%

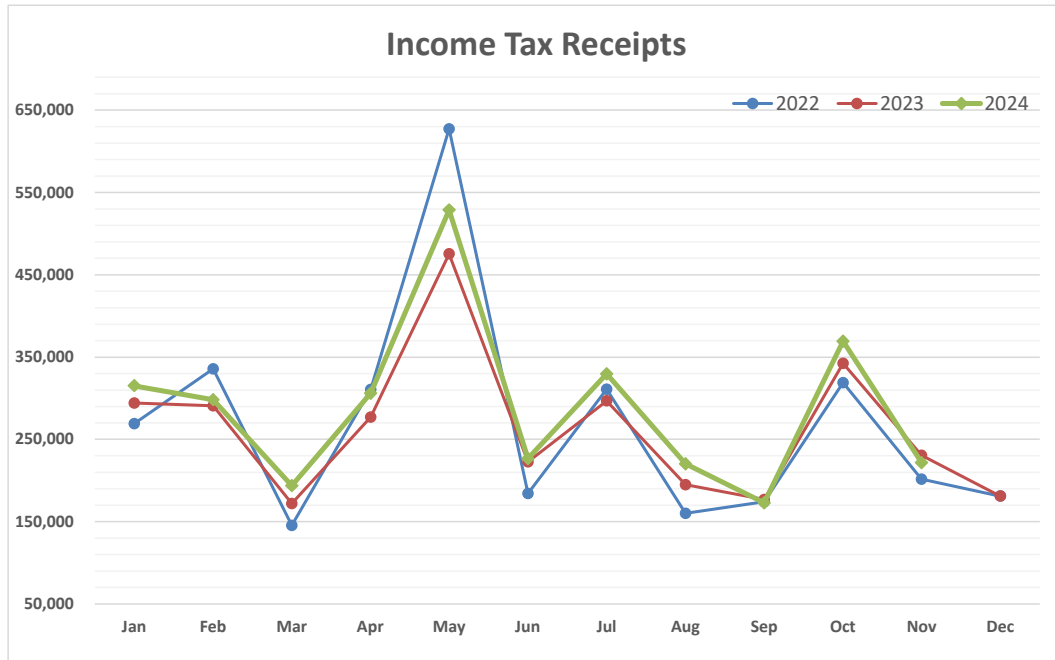
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**Collection History**

Received	Earned	Historical			Current Year Actual		Current Year Budget		
		2022	2023	% Change	2024	% Change	Amended Budget	Variance \$	Variance %
January	October	602,130	635,589	5.56%	648,870	2.09%	649,722	(852)	-0.13%
February	November	657,819	683,036	3.83%	692,430	1.38%	676,185	16,245	2.40%
March	December	747,307	814,249	8.96%	837,201	2.82%	806,679	30,522	3.78%
April	January	553,226	582,383	5.27%	617,165	5.97%	588,178	28,987	4.93%
May	February	527,013	539,316	2.33%	585,345	8.53%	555,656	29,689	5.34%
June	March	626,731	587,956	-6.19%	663,238	12.80%	630,917	32,321	5.12%
July	April	627,982	616,353	-1.85%	643,366	4.38%	617,585	25,781	4.17%
August	May	671,146	699,262	4.19%	766,550	9.62%	690,332	76,218	11.04%
September	June	690,544	721,854	4.53%	706,754	-2.09%	708,628	(1,874)	-0.26%
October	July	638,060	637,980	-0.01%	797,898	25.07%	666,581	131,317	19.70%
November	August	701,860	866,772	23.50%	834,459	-3.73%	796,943	37,516	4.71%
December	September	590,991	655,570	10.93%	-	-	697,651	-	-
		7,634,808	8,040,321	5.31%	7,793,276		8,085,057	405,870	
Y-T-D		7,043,818	7,384,751	4.84%	7,793,276	5.53%	7,387,406	405,870	5.49%

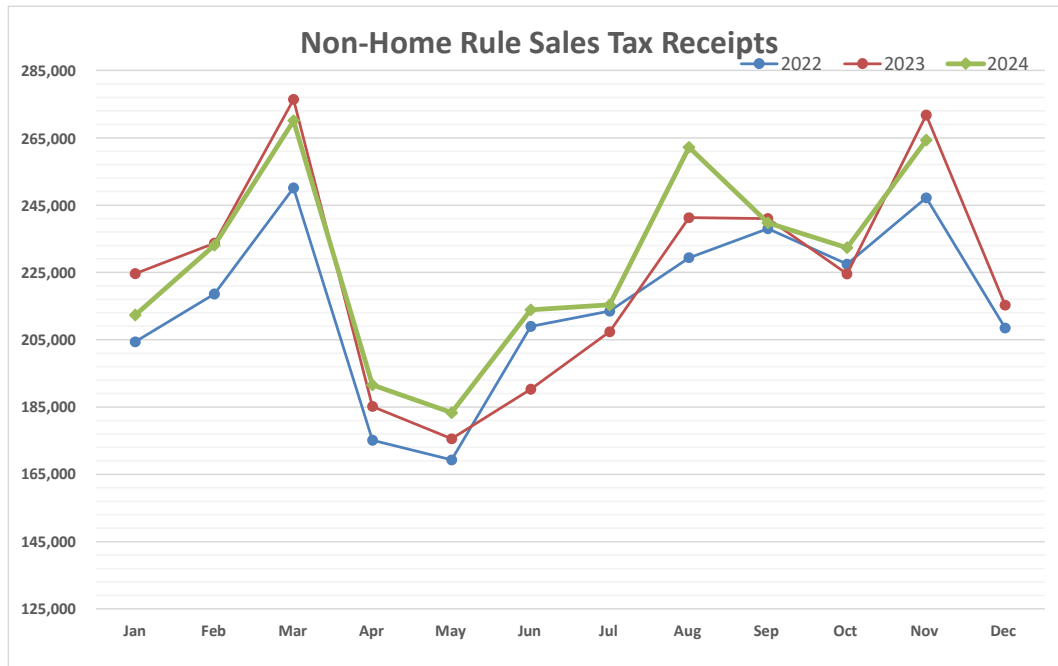
DEPARTMENT OF FINANCE  
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**Revenue History**

Vouchered	Historical			Current Year Actual		Current Year Budget		
	2022	2023	% Change	2024	% Change	Amended Budget	Variance \$	Variance %
January	269,221	294,073	9.23%	315,145	7.17%	278,186	36,959	13.29%
February	335,693	290,768	-13.38%	298,197	2.55%	306,435	(8,238)	-2.69%
March	145,504	172,211	18.36%	193,817	12.55%	185,286	8,531	4.60%
April	310,848	277,166	-10.84%	306,001	10.40%	307,284	(1,283)	-0.42%
May	627,194	475,308	-24.22%	528,773	11.25%	500,490	28,283	5.65%
June	184,242	222,875	20.97%	226,624	1.68%	236,220	(9,596)	-4.06%
July	311,032	296,937	-4.53%	329,692	11.03%	312,091	17,601	5.64%
August	160,199	195,159	21.82%	220,287	12.88%	236,116	(15,829)	-6.70%
September	174,093	177,137	1.75%	172,936	-2.37%	196,583	(23,647)	-12.03%
October	318,729	342,406	7.43%	369,282	7.85%	343,491	25,791	7.51%
November	201,830	230,643	14.28%	221,680	-3.89%	220,288	1,392	0.63%
December	181,090	181,212	0.07%			195,571		
	3,219,676	3,155,895	-1.98%	3,182,434	0.84%	3,318,041	59,964	1.81%
Y-T-D	3,038,586	2,974,683	-2.10%	3,182,434	6.98%	3,122,470	59,964	1.92%

DEPARTMENT OF FINANCE  
MONTHLY REPORT  
NOVEMBER 2024



**Collection History**

Received	Earned	Historical			Current Year Actual		Current Year Budget		
		2022	2023	% Change	2024	% Change	Budget	Variance \$	Variance %
January	October	204,354	224,659	9.94%	212,321	-5.49%	220,528	(8,207)	-3.72%
February	November	218,598	233,707	6.91%	233,058	-0.28%	231,007	2,051	0.89%
March	December	250,074	276,394	10.52%	270,064	-2.29%	272,757	(2,693)	-0.99%
April	January	175,158	185,148	5.70%	191,529	3.45%	186,263	5,266	2.83%
May	February	169,297	175,551	3.69%	183,332	4.43%	179,403	3,929	2.19%
June	March	208,932	190,319	-8.91%	213,857	12.37%	207,820	6,037	2.90%
July	April	213,499	207,354	-2.88%	215,332	3.85%	206,746	8,586	4.15%
August	May	229,356	241,257	5.19%	262,179	8.67%	239,558	22,621	9.44%
September	June	238,022	241,006	1.25%	239,727	-0.53%	247,723	(7,996)	-3.23%
October	July	227,420	224,555	-1.26%	232,368	3.48%	234,528	(2,160)	-0.92%
November	August	247,180	271,762	9.95%	264,294	-2.75%	266,393	(2,099)	-0.79%
December	September	208,471	215,249	3.25%			259,560		
		2,590,359	2,686,961	3.73%	2,518,061		2,752,286	25,335	
Y-T-D		2,381,889	2,471,713	3.77%	2,518,061	1.88%	2,492,726	25,335	1.02%

Village of Lake Zurich  
Investment Report  
November, 2024

Description	Purchase Date	Maturity Date	Coupon Rate	CUSIP / Account	Par Value	Purchase Price	(Premium) / Discount	Market Value	Unrealized Gain (Loss)
<b>MONEY MARKET &amp; CASH</b>									
IPRIME	NA	NA	4.760%		146,450.52	146,450.52	-	146,450.52	N/A
<b>CERTIFICATE OF DEPOSIT</b>									
Modern Bank, Nat'l Assoc NY	08/02/23	01/23/25	5.383%	61690UY53	249,718.81	231,300.00	18,418.81	231,300.00	-
PeopleFirst Bank, IL	02/01/23	01/31/25	4.348%		249,849.18	229,500.00	20,349.18	229,500.00	-
Morgan Stanley Bank NA	02/01/23	02/10/25	4.356%		244,000.00	244,669.89	(669.89)	243,983.90	(685.99)
Fieldpoint Private B&T	04/04/23	04/03/25	5.032%		249,618.22	226,400.00	23,218.22	226,400.00	-
Schertz B&T	04/04/23	04/03/25	4.893%		249,654.67	227,400.00	22,254.67	227,400.00	-
Susquehanna Community Bank, PA	07/22/24	07/18/25	4.994%		249,860.10	238,100.00	11,760.10	238,100.00	-
American Plus Bank, N.A., CA	07/22/24	07/18/25	4.994%		249,860.10	238,100.00	11,760.10	238,100.00	-
Harmony Bank, TX	07/22/24	07/18/25	4.994%		249,860.10	238,100.00	11,760.10	238,100.00	-
Bank of Springfield, IL	07/22/24	07/18/25	4.890%		249,877.59	238,350.00	11,527.59	238,350.00	-
Western Alliance Bank, CA	07/22/24	07/18/25	5.311%		249,870.14	237,400.00	12,470.14	237,400.00	-
Financial Federal Bank, TN	07/22/24	07/18/25	5.200%		249,872.37	237,650.00	12,222.37	237,650.00	-
ServisFirst Bank, FL	07/22/24	07/18/25	5.224%		249,876.20	237,600.00	12,276.20	237,600.00	-
Solera National Bank, CO	07/22/24	07/18/25	5.381%		249,876.80	237,250.00	12,626.80	237,250.00	-
Farmers and Merchants Union Bank, WI	07/22/24	07/18/25	5.136%		249,880.02	237,800.00	12,080.02	237,800.00	-
NexBank, TX	07/22/24	07/18/25	5.186%		249,892.34	237,700.00	12,192.34	237,700.00	-
NorthEast Community Bank, MY	07/22/24	07/18/25	5.216%		249,857.40	237,600.00	12,257.40	237,600.00	-
BOM Bank, LA	07/22/24	07/18/25	5.052%		249,891.70	238,000.00	11,891.70	238,000.00	-
BAC Community Bank, CA	07/22/24	07/18/25	5.000%		249,873.75	238,100.00	11,773.75	238,100.00	-
First State Bank of DeQueen, AR	07/22/24	07/18/25	5.209%		249,892.68	237,650.00	12,242.68	237,650.00	-
Gbank, NV	07/22/24	07/18/25	5.163%		249,890.74	237,750.00	12,140.74	237,750.00	-
Veritex Community Bank, TX	07/22/24	07/18/25	5.086%		249,867.60	237,900.00	11,967.60	237,900.00	-
Cornerstone Bank, NE	08/02/23	07/30/25	5.060%		249,649.12	226,350.00	23,299.12	226,350.00	-
First Priority Bank, OK	01/17/24	01/15/26	4.875%		249,888.88	227,350.00	22,538.88	227,350.00	-
First Internet Bank of Indiana, IN	01/17/24	01/15/26	4.728%		249,852.52	227,950.00	21,902.52	227,950.00	-
The Western State Bank, KS	08/05/24	01/27/26	4.483%		249,894.17	234,350.00	15,544.17	234,350.00	-
CIBC Bank USA, MI	01/17/24	07/14/26	4.211%		249,867.19	226,150.00	23,717.19	226,150.00	-
The Citizens Bank of Weston, WV	08/02/24	07/22/26	4.332%		249,845.76	229,900.00	19,945.76	229,900.00	-
Profinium, Inc, MN	08/05/24	08/05/26	4.685%		249,892.97	228,100.00	21,792.97	228,100.00	-
Baxter Credit Union IL	08/08/24	08/07/26	4.396%		249,864.10	229,350.00	20,514.10	229,350.00	-
The First National Bank of Hutchinson, KS	08/08/24	08/07/26	4.048%		249,891.38	231,200.00	18,691.38	231,200.00	-
American First CU	08/08/24	08/20/26	3.954%	02616ACP2	248,000.00	248,219.02	(219.02)	247,039.23	(1,179.79)
<b>TERM SERIES</b>									
IPRIME TERM SERIES, FL	07/26/24	07/25/25	5.100%		1,261,032.34	1,200,000.00	61,032.34	1,200,000.00	
<b>AGENCY</b>									
US Treasury N/B	04/15/21	01/31/25	0.480%	912828Z52	964,000.00	996,422.03	(32,422.03)	959,180.00	(37,242.03)
US Treasury N/B	04/15/21	07/31/25	0.620%	91282CAB7	406,000.00	399,640.39	6,359.61	395,041.17	(4,599.22)
US Treasury N/B	05/19/21	07/31/25	0.570%	91282CAB7	350,000.00	345,351.56	4,648.44	340,552.73	(4,798.83)
US Treasury N/B	07/28/21	07/31/25	0.500%	91282CAB7	252,000.00	249,499.69	2,500.31	245,197.97	(4,301.72)
US Treasury N/B	01/28/22	01/31/26	1.460%	91282CBH3	1,000,000.00	957,890.63	42,109.37	955,312.50	(2,578.13)
US Treasury N/B	02/01/24	01/31/26	4.150%	91282CBH3	1,077,000.00	999,843.05	77,156.95	1,028,871.56	29,028.51
US Treasury N/B	03/04/24	01/15/27	4.300%	91282CIT9	370,000.00	367,022.66	2,977.34	368,684.76	1,662.10
US Treasury N/B	03/04/24	07/31/27	4.220%	91282CFB2	386,000.00	368,147.50	17,852.50	372,535.24	4,387.74
US Treasury N/B	03/04/24	01/31/28	4.200%	91282CGH8	378,000.00	368,535.23	9,464.77	371,045.39	2,510.16
US Treasury N/B	04/04/24	04/30/28	4.300%	91282CBZ3	560,000.00	496,825.00	63,175.00	509,031.25	12,206.25
US Treasury N/B	03/04/24	07/31/28	4.150%	91282CCR0	422,000.00	368,936.80	53,063.20	377,591.09	8,654.29
					15,309,969.46	14,537,803.97	772,165.49	14,540,867.31	3,063.34
<b>TOTAL</b>				PMA Invests	15,309,969.46	14,537,803.97	772,165.49	14,540,867.31	3,063.34
Per Statement					Total	15,309,969.46	14,537,803.97	14,540,867.31	
						-	-	-	
<b>TOTAL BY CATEGORY</b>									
INVESTMENT POOL (ISC)					146,450.52	146,450.52	-	146,450.52	-
Certificate of Deposit (DTC), (CD)					7,737,486.60	7,273,238.91	464,247.69	7,271,373.13	(1,865.78)
Agencies (SEC)					6,165,000.00	5,918,114.54	246,885.46	5,923,043.66	4,929.12
Term Series					1,261,032.34	1,200,000.00	61,032.34	1,200,000.00	-
Fixed Income Other									-
					15,309,969.46	14,537,803.97	772,165.49	14,540,867.31	3,063.34
						-	-	-	-

Village of Lake Zurich  
Police and Firefighters' Pension Funds  
Statement of Net Position  
November 30, 2024

POLICE PENSION FUND			FIREFIGHTERS' PENSION FUND		
	November-24	Year-to-Date		November-24	Year-to-Date
<b>Revenues:</b>			<b>Revenues:</b>		
Municipal Contributions		2,241,404	Municipal Contributions	28,009	2,614,612
Member Contributions		479,546	Member Contributions	54,634	490,399
Total Contributions	-	2,720,949	Total Contributions	82,643	3,105,011
Investment Income		3,017,430	Investment Income	1,567,393	7,214,923
<b>Total Revenues</b>	<b>-</b>	<b>5,738,379</b>	<b>Total Revenues</b>	<b>1,650,036</b>	<b>10,319,934</b>
<b>Expenses:</b>			<b>Expenses:</b>		
Pension and Benefits		2,428,518	Pension and Benefits	283,537	3,053,850
Insurance		5,137	Insurance	-	8,025
Professional Services		15,945	Professional Services	2,495	55,444
Investment Expenses		18,846	Investment Expenses	3,921	62,085
Other Expenses	-	3,005	Other Expenses	825	2,400
<b>Total Expenses</b>	<b>-</b>	<b>2,471,450</b>	<b>Total Expenses</b>	<b>290,778</b>	<b>3,181,804</b>
Operating Income (Loss)	-	3,266,929	Operating Income (Loss)	1,359,258	7,138,129
Beginning Net Position*	35,936,584	32,669,655	Beginning Net Position*	58,913,431	53,134,559
<b>Ending Net Position</b>	<b>35,936,584</b>	<b>35,936,584</b>	<b>Ending Net Position</b>	<b>60,272,689</b>	<b>60,272,689</b>
<b>Assets</b>			<b>Assets</b>		
Cash and Investments			Cash and Investments	60,269,563	
Other Assets			Other Assets	5,519	
Total Assets	-		Total Assets	60,275,082	
<b>Liabilities</b>			<b>Liabilities</b>	2,393	
<b>Net Position 11/30</b>	<b>-</b>		<b>Net Position 11/30</b>	<b>60,272,689</b>	





# FIRE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**December 2024**

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HIGHLIGHTING DATA METRICS  
TO IDENTIFY OPERATIONAL TRENDS  
AND  
FACILITATE INFORMED DECISION-MAKING

70 E. MAIN STREET  
LAKE ZURICH, IL 60047

## Departmental Narrative

**OUR MISSION:** To care for and protect our community.

**OUR VISION:** The Lake Zurich Fire Department is dedicated to meeting the ever-changing needs of our community, while ensuring a safe and secure environment for all, through professional development, unity, and teamwork.

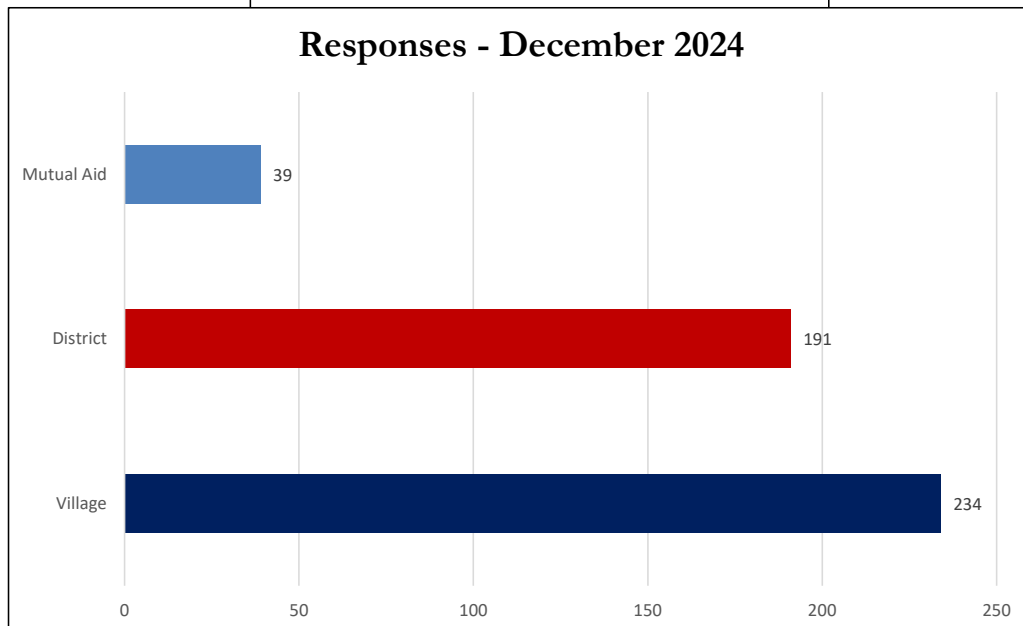
**OUR VALUES:** Professionalism, Responsibility, Integrity, Dedication, Honor

## EXECUTIVE SUMMARY – December 2024

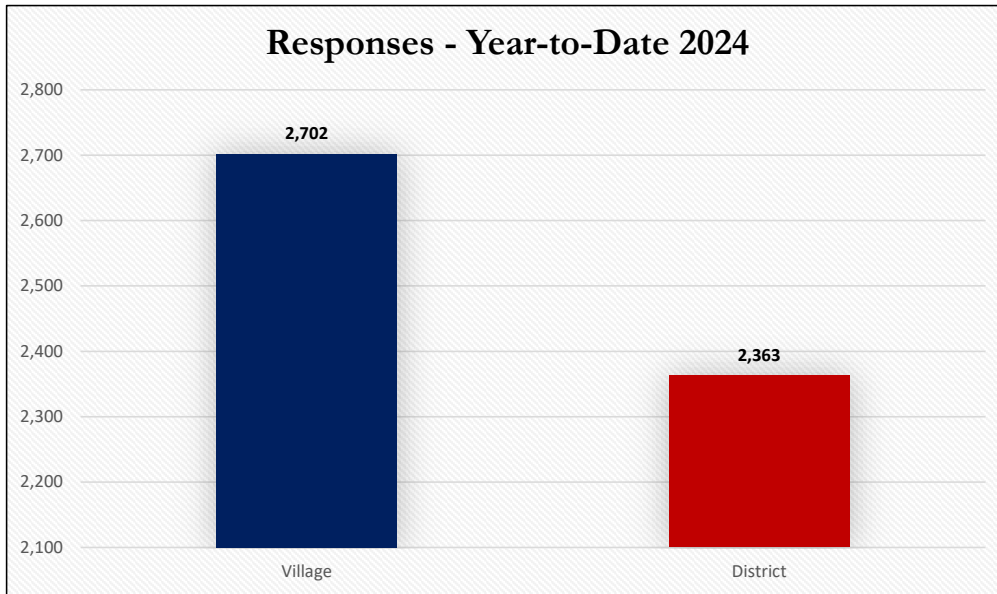
The Lake Zurich Fire Department provides a full range of professional and high-quality services to the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District. We protect approximately 37,000 residents, many local businesses, and visitors across the twenty-five square mile combined service area. The Villages covered in the fire district include Hawthorn Woods, Kildeer, Deer Park, North Barrington, and Lake Barrington.

**464** Incidents – December 2024

### Responses - December 2024



### Responses - Year-to-Date 2024



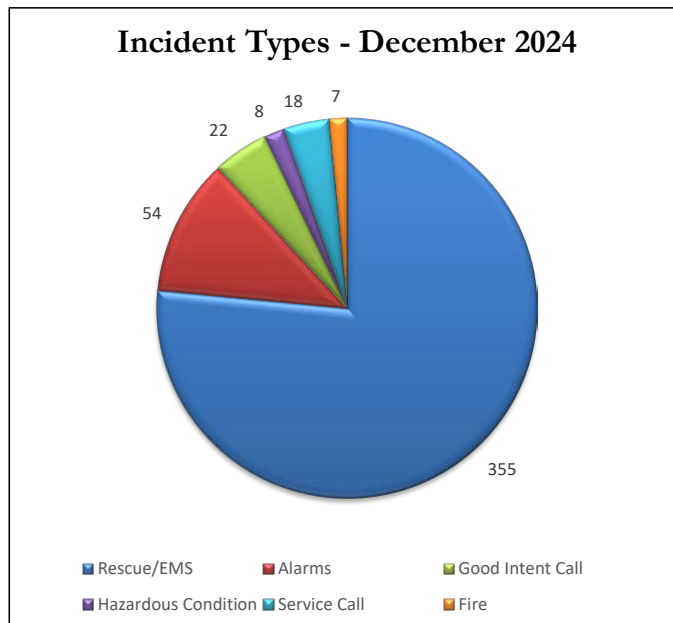
### Incident Types

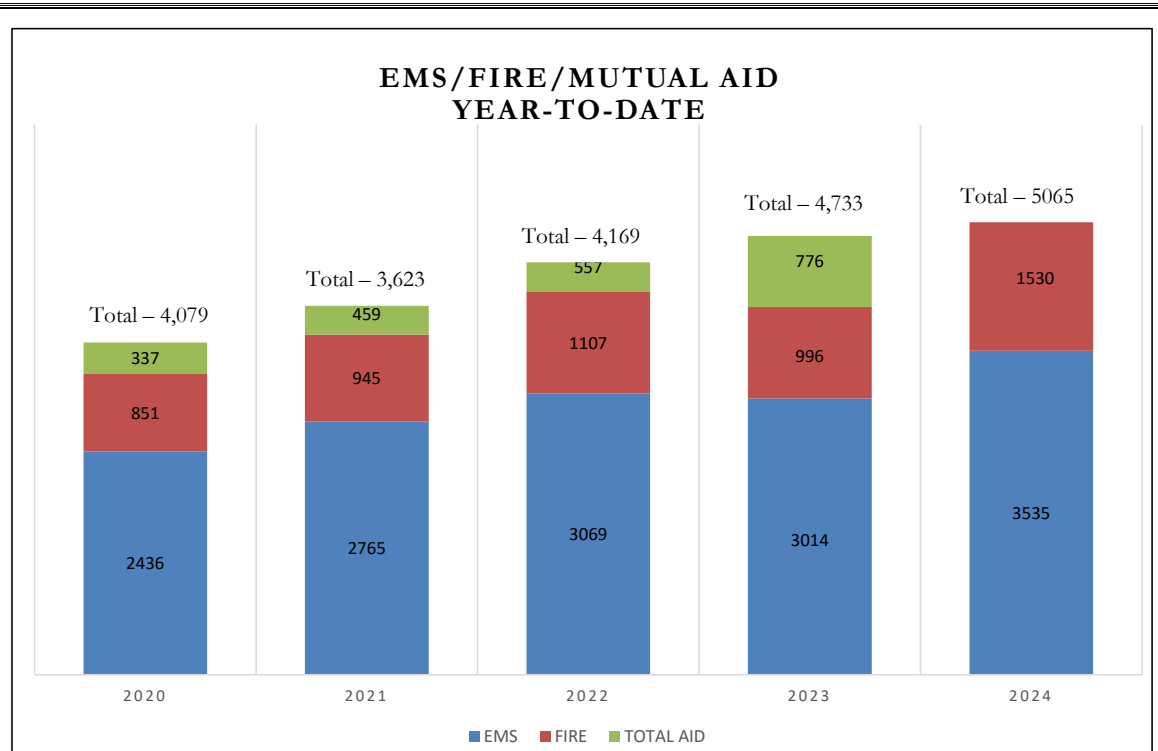
The Department codes all incidents within the National Fire Incident Reporting System (NFIRS).

The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In December, there were **355** Rescue and EMS incidents.

### Incident Types - December 2024





#### Fire Incidents (Year-to-Date)

##### FIRE

Total Count for 2024

**24**

#### INCIDENTS WITH PROPERTY VALUE CHANGE

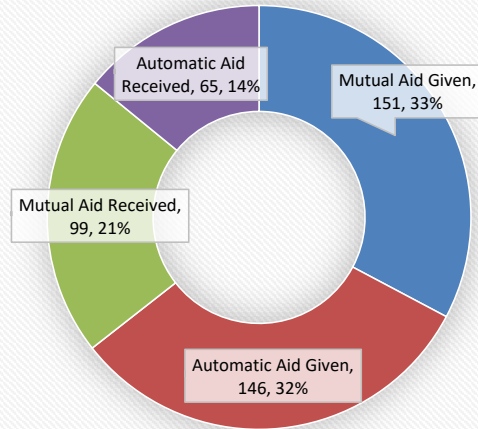
Count of Incidents with Property Loss – 2024

**23**

Percent of Property Value Saved

**82.14%**

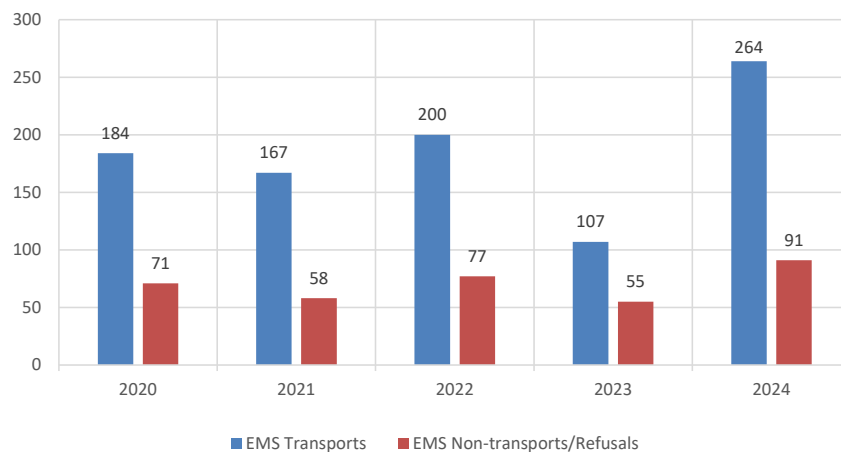
## Mutual Aid - Year-to-Date 2024



## EMS Incidents

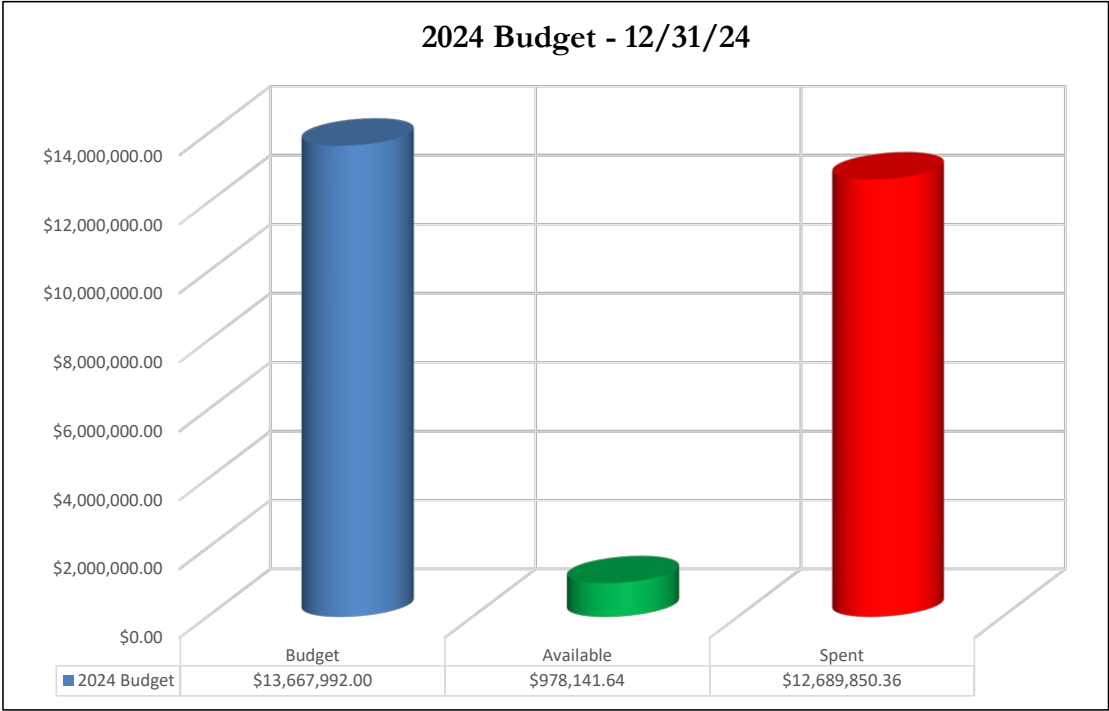
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals. The chart below compares the month of December across 5 years.

### EMS Transports vs Non-Transports/Refusals Monthly Comparison



ADMINISTRATION DIVISION

2024 Budget - 12/31/24



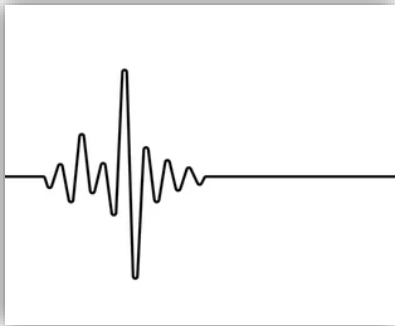
This month, our department responded to a medical emergency involving a male patient experiencing chest pain on the pickleball court. Upon arrival, our crew found the patient conscious but in distress.

Before we arrived, the staff at Lifetime Fitness—Antony Brown, Darryl, Markette, and Britney Pekofske—acted quickly, performing chest compressions, mouth-to-mouth resuscitation, and using the AED to administer one shock. Their prompt actions were critical in saving the patient’s life.

The patient had collapsed while playing pickleball. Our crew, including Lt. Michehl, FF/PM Boeckmann, FF/PM Spata, FF/PM Ball, FF/PM Cornell, FF/PM Holden, and FF/PM Hautzinger, initiated a cardiac alert, and the emergency department confirmed a diagnosis of Posterior MI. The patient was transported to the Cath Lab for further treatment.

This event highlights the importance of timely action, training, and access to life-saving equipment. We commend the staff at Lifetime Fitness for their quick response and teamwork. Thank you to all involved in this successful outcome.

The Department processed 0 FOIA requests during December.



### December 29: Gelt Drop at Lake Zurich Chabad Jewish Center

Our crews had the pleasure of participating in the annual Gelt Drop at the Lake Zurich Chabad Jewish Center. Following the menorah lighting, firefighters dropped gelt (chocolate coins) from the truck, and the children had a blast collecting them!

Thank you to everyone who joined for this sweet tradition!





## STATIONS &amp; STAFFING | OFFICER &amp; FIREFIGHTER/PARAMEDIC

**STATION 1**

321 S. Buesching Road  
Lake Zurich, IL 60047

**APPARATUS & STAFFING**  
BATTALION 32



ENGINE 321

AMBULANCE 321

**STATION 2**

350 W. Highway 22  
North Barrington, IL 60010

**APPARATUS & STAFFING**

ENGINE 322

AMBULANCE 322

**STATION 3**

1075 Old McHenry Road  
Lake Zurich, IL 60047

**APPARATUS & STAFFING**

ENGINE 323

AMBULANCE 323

**STATION 4**

21970 Field Pkwy  
Deer Park, IL 60010

**APPARATUS & STAFFING**

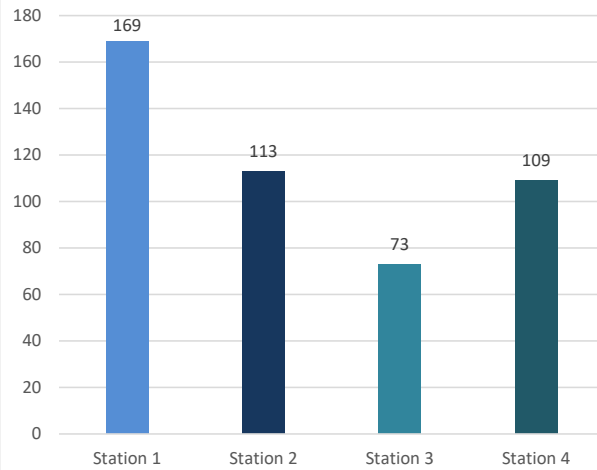
ENGINE 324

AMBULANCE 324

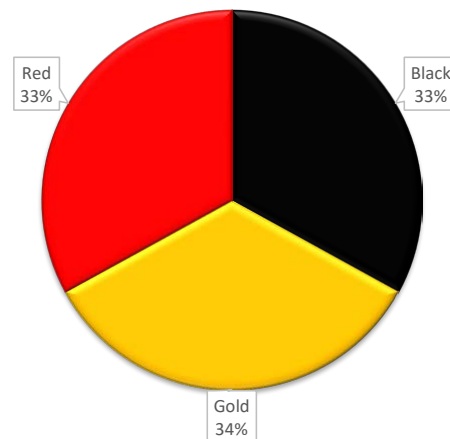


## OPERATIONS DIVISION – December 2024

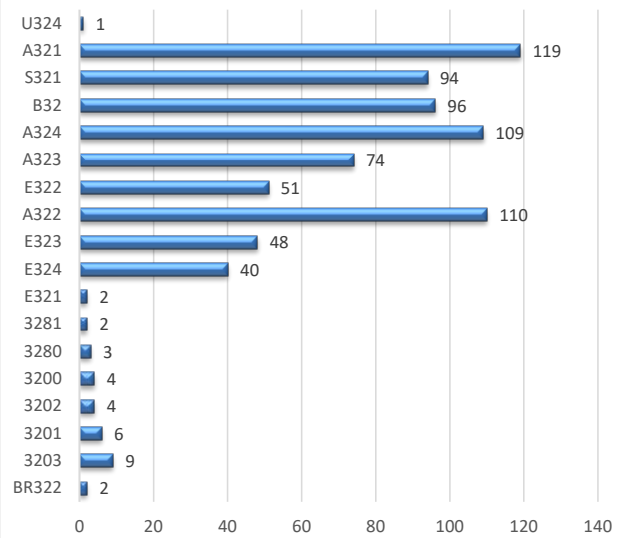
Incident Count by Station



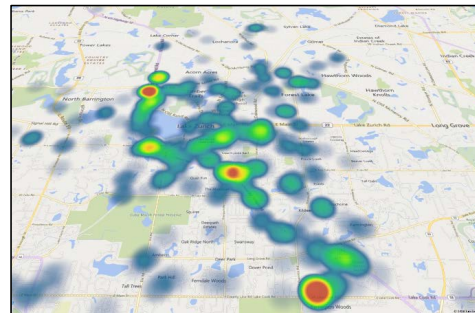
Incident Percentage by Shift



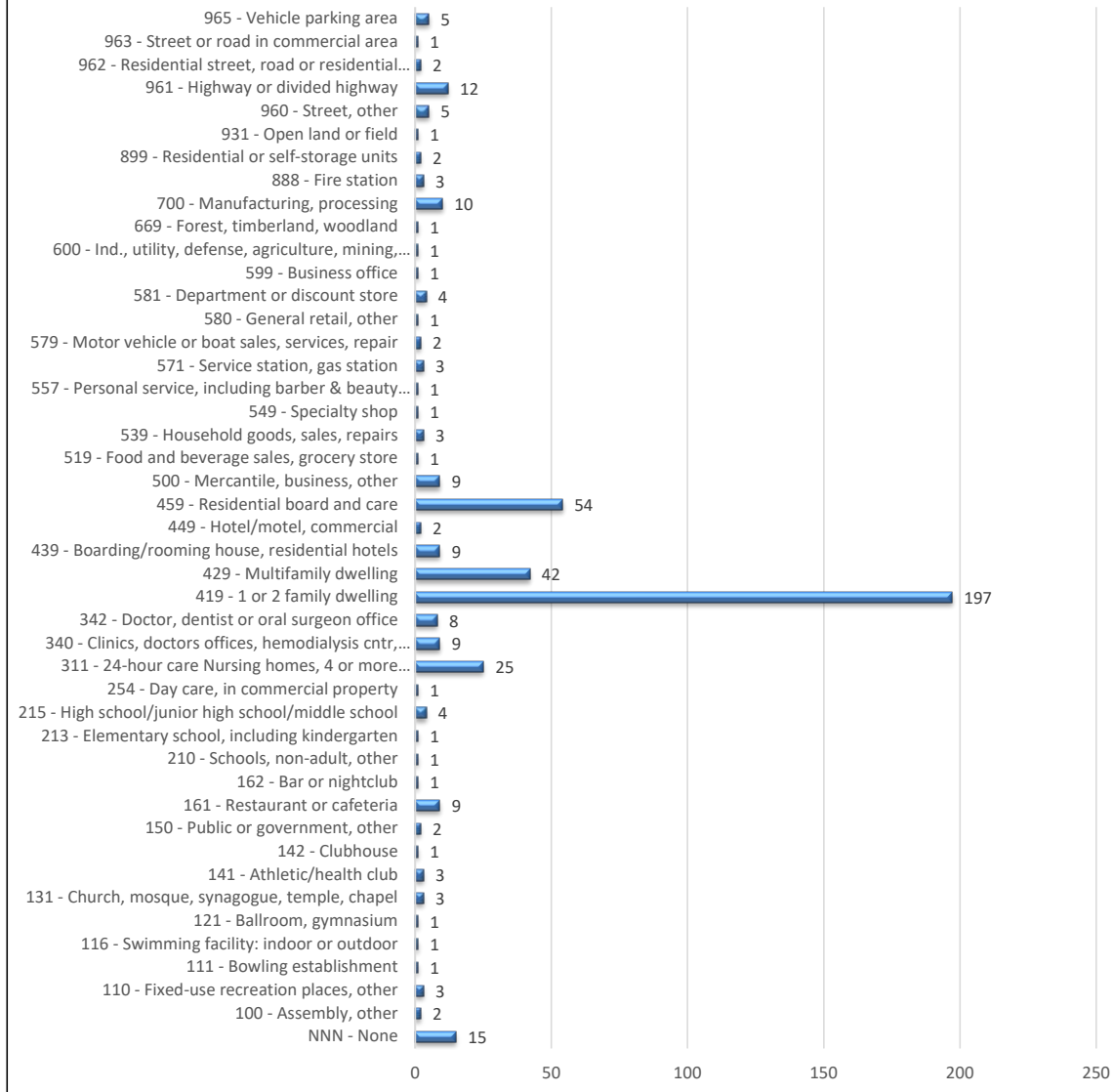
Incident Count by Unit

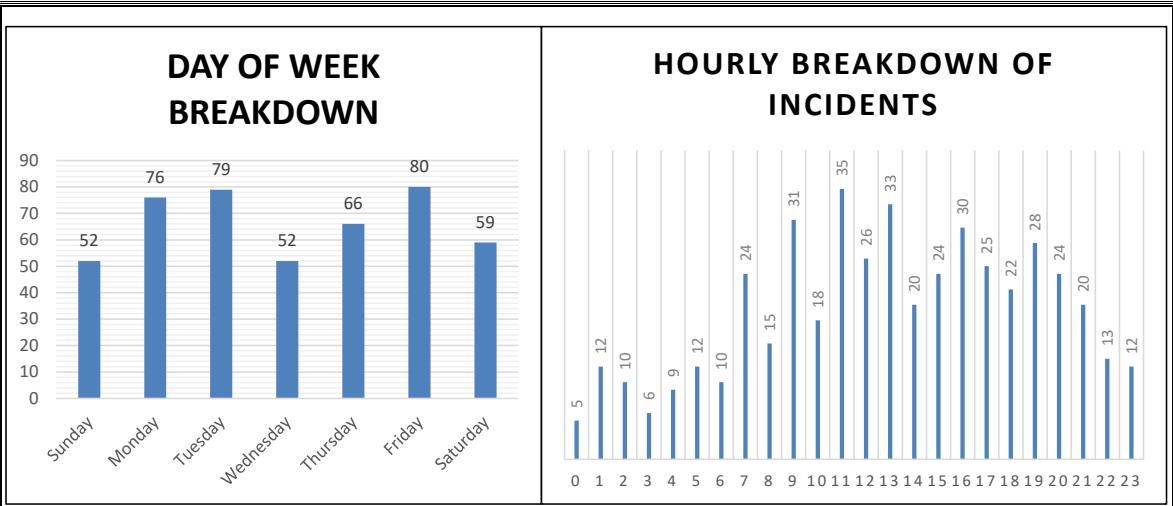


**Response Locations** The graphic to the right shows the September call distribution. *(Due to new CAD software issues, not all calls in RMS had valid GPS coordinates.)* As the graphic shows, assisted living/memory care facilities account for many of our department calls and are consistently among the top locations that are responded to monthly.



### Incidents by Property Type -December 2024





Emergency Response Times

Response time includes three key factors: **dispatch handling, turnout, and travel time.**

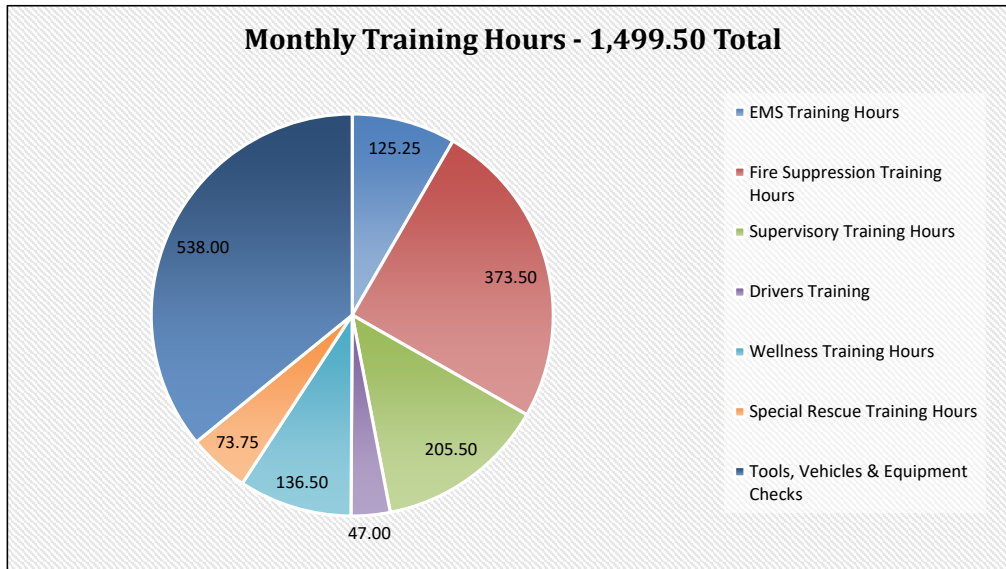
Dispatch handling time is when dispatch takes in information and then dispatch personnel. The turnout time is when the crews receive the call and when they get into the vehicles and initiate their MDT en-route command. Travel time reflects the time from en route to when they arrive at the incident scene. Construction, speed limits, weather, and train traffic can impact response times. The overall goal for arrival at an emergency fire call is 6 minutes and 20 seconds from notification until the first unit arrives. For a response to an EMS incident, this time is 6 minutes.

The following shows the average times for all emergent incidents, with arrival on the scene for EMS and fire within the local response area minus Mutual Aid in December 2024. *(With the new CAD software, times are off due to transfers to RMS)*

Dispatch Time	Turnout Time
Average Dispatch Time <b>1 MINUTE, 20 SECONDS</b>	Average Turnout Time <b>1 MINUTE, 6 SECONDS</b>
Travel Time	Response Time
Average Travel Time <b>3 MINUTES, 28 SECONDS</b>	Average Response Time <b>5 MINUTES, 54 SECONDS</b>

## TRAINING DIVISION

### Monthly Training Hours - 1,499.50 Total



#### Fire Training:

- NIMS 800D
- NIOSH Line of Duty Death Review
- Vector Credentials – Satisfying the OSFM Recertification Process

#### EMS Training:

- Blood Borne Pathogens
- NWCH Policy A-5 (Abandoned Newborn Protection)
- Monthly Medication Review

#### Special Team Training:

- Dive – Watermanship Testing
- Haz Mat – Dealing with CNG Garbage Trucks

#### Health and Safety Training:

- Daily Fitness
- Firefighting PPE Inspection
- SCBA Quarterly Training

#### Administrative Training:

- Respiratory Protection
- Administering Personnel Reviews

- Professional Development – Mentoring

**Outside Training:**

- Members did not attend any outside training, focusing on family and wellness during the holidays.

## FIRE PREVENTION BUREAU

### Annual Fire Inspections:

The Fire Prevention Bureau conducted 79 Annual Property Inspections in December.

### Re-Inspections:

43 Annual Re-Inspections

### Inspections, Tests, and Fire Alarm/Sprinkler Follow-Ups:

21 Fire Alarm System Follow-ups

13 Sprinkler System Follow-ups

### Meetings and Other Activities:

12/2/2024 – New hire on board orientation with Bill Simmons, part-time Fire Inspector.

12/2/2024 – Village Board Meeting.

12/3/2024 – Residential smoke detector/carbon monoxide installation for 208 Pine Tree Row residents.

12/4/2024 – Meeting with (Manhard Engineering) regarding Main Street Auto Turn Exhibits.

12/5/2024 - Onsite consultation at 365 Surryse Unit 140 and 60 S. Old Rand Road with GC regarding project submittals for two property renovations.

12/6/2024 – Annual Pump Test at 20896 N. Quentin Road – PASS - (Generator serviced on 12/9/2024). *Pictured to the right.*

12/7/2024 – Miracle on Main Street Event & Food Truck Inspections – (No Issues Noted).

12/9/2024 - Request for Hydrant Flow Test - Home Depot 670 S Rand Rd Lake Zurich. PASS. *Pictured below.*



12/10/2024 – On-site consultation at 350 N. Rand Road (Lago) with Kotur Mechanical Group to discuss dry system sprinkler installation for the enclosure.

12/19/2024 – Training Session: In-depth Analysis and Complying with NFPA® 1321 Standard for Fire Investigation.

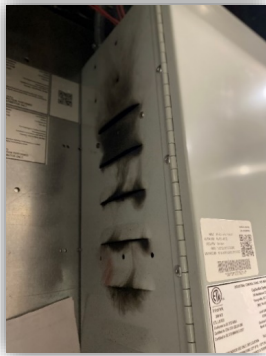


12/23/2024 – Kitchen hood system activation at 20506 N. Rand Road (Ancho & Agave). Activation due to cleaning materials used on the flat top stove causing a flash. Response from the Fire Department, Building Department, Health Department, and Fox Valley Fire Protection. Fox Valley flushed the system and re-installed suppression tanks. All inspections passed; the restaurant was able to open for business on 12/24/2024.

**Fire Investigations:**

12/2/2024 – Appliance Fire Investigation at 208 Pine Tree Row Lake Zurich – (No structural or smoke damage).

12/5/2024 – Fire Investigation at 20506 N. Rand Road (Ancho & Agave Restaurant). Electrical Fire - Hood Suppression System Control Module. (Module replaced, system tested and passed, back in service on 12/9/2024) *Pictured below.*



**Plan Reviews:** The FPB completed 12, taking 14.5 plan review hours.