

Lakeville

ARENAS

BOARD MEETING

May 17, 2023

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Lakeville Arenas Board Meeting Agenda

Wednesday May 17, 2023

3:30 p.m. Ames Arena Meeting Room

1) Meeting Call to Order

Members Present:

Members Absent:

Others Present:

2) Consent Agenda

1. Approval of Lakeville Arenas Board Minutes for April 15, 2023.
2. Receipt of Lakeville Arenas Financial Report for April 2023.
3. Receipt of Lakeville Arenas Budget Report for April 2023.
4. Receipt of Lakeville Arenas Aging Summary
5. Receipt of Lakeville Arenas Check Register for April 2023.
6. Receipt of Lakeville Arenas Portfolio Holdings for April 2023.

Action(s) Needed: Motion to approve the consent agenda for the May 17, 2023, Board Meeting.

3) 2022 Final Annual Financial Report & Executive Summary

- a) 2022 Annual Report
- b) 2022 Executive Summary

Action(s) Needed: Motion to accept the 2022 Final Annual Financial Report and Executive Summary.

4) Arenas Manager's Report

- a) **Arenas Manager Report Review/Discussion.**
- b) **Acknowledgements/Approvals detailed in Managers Report.**
 - i) Xcel Energy – Arenas Electric Use Comparison Report
 - ii) Hasse Outdoor Rink Submittals & Updated Payment & Budget Report.

Action(s) Needed: Motion to accept the Arena Managers Reports, Acknowledgements and Approvals as submitted.

5) Resolution 5172023.1 Approving Commitment to Appropriate Funding for Debt Service Associated with Apex Energy Savings Improvement Project.

Action(s) Needed: Motion to approve Resolution 4192023.1 Approving Commitment to Appropriate Funding for Debt Service Associated with Apex Energy Savings Improvement Project.

6) Resolution 5172023.2 Amending the 2023 Budget.

Action(s) Needed: Motion to approve Resolution 4192023.2 Amending the 2023 Budget.

7) Resolution 5172023.3 Adopting the 2024 Budget

Action(s) Needed: Motion to approve Resolution 4192023.3 Adopting the 2024 Budget.

8) Other Business

9) Signatures Required

- a) Lakeville Arenas Board Meeting Minutes for April 19, 2023.
- b) Resolution 5172023.1 if approved.
- c) Resolution 5172023.2 if approved.
- d) Resolution 5172023.3 if approved.

10) Adjourn

Lakeville Arenas Board of Directors Meetings

Every 3rd Wednesday of the month at 3:30pm, Ames Arena Meeting Room, 19900 Ipava Ave. Lakeville MN 55044



CONSENT AGENDA FOR
May 19, 2023 BOARD MEETING

April Meeting Minutes

April Financial Report

April Budget Report

Aging Report as of 5/15/23

April Check Register

April Portfolio Holding

Lakeville Arenas Board Meeting Minutes
Wednesday April 19, 2023
3:30 p.m. Ames Arena Meeting Room

Meeting Call to Order

Meeting was called to order by Vice Chair Volk at 3:30pm on Wednesday April 19.

Members Present: Patterson, Van Zyl, Volk.

Members Absent: Keliher, Miller.

Others Present: Joe Bergquist – Lakeville Arenas Manager, Jerilyn Erickson – City of Lakeville Finance Director, Cheri Donovan – City of Lakeville Asst. Finance Director.

Consent Agenda

Approval of Lakeville Arenas Board Minutes for the March 15, 2023.

Receipt of Lakeville Arenas Financial Report for March 2023.

Receipt of Lakeville Arenas Budget Report for March 2023.

Receipt of Lakeville Arenas Check Register for March 2023.

Receipt of Lakeville Arenas Portfolio Holdings for March 2023.

A motion to approve the consent agenda for the April 19, 2023, Lakeville Arenas Board Meeting was made by Mr. Patterson, the motion was seconded by Dr. Van Zyl. There was no further discussion and the motion carried 3-0.

Arenas Manager's Report

Arenas Manager Report Review/Discussion.

- i) Customer & Special Event Updates
- ii) Operations
- iii) Repairs & Maintenance
- iv) Project Management
- v) Financials

Acknowledgements/Approvals detailed in Managers Report.

- vi) Nick Ames – New Operations Manager
- vii) New Point of Sale Platform
- viii) Dasher Board Purchase for Outdoor Rink – Motion Needed
- ix) Hasse Outdoor Rink Submittals: Rink Tec Invoices 5 & 6, SCR Change Order.
- x) Copy of the Hasse Indoor Rink Dasher Board Inspection & Repair Quote

Mr. Bergquist presented and reviewed the monthly managers' report with the board. A motion to approve the Arenas Manager's Report and Acknowledgements as submitted for the April 19, 2023, Lakeville Arenas Board Meeting was made by Dr. Van Zyl, the motion was seconded by Mr. Patterson. There was no further discussion and the motion carried 3-0.

Apex Energy Savings Project Energy Improvement Debt Payment Update

The Arenas Manager provided an updated energy savings report from Apex to the board and informed them that he hoped to complete a review of the arena's actual total energy use and rates over the past several years to use for comparison to the Apex Report before the May meeting. The minimum guaranteed savings amount of 63,400 for the Apex Energy Savings Project is reflected within the 2023 budget estimate, and the 2024 proposed as a debt commitment payment to the City of Lakeville and the School District. The board will have an opportunity to increase or decrease that amount before the budget is approved and adopted.

Resolution 4192023.1 Amending the 2023 Reserve Fund Budget to purchase a new set of dasher boards for Hasse Arena.

The Arenas Manager reviewed the inspection and condition report of the current dasher boards in Hasse Arena and the quote for \$59,674 to repair them to a safe condition. The Arenas Manager recommended amending the 2023 capital reserve fund to include up to \$320,000 to replace them in 2023.

A motion to approve Resolution 4192023.1 Amending the 2023 Reserve Fund Budget to purchase a new set of dasher boards for Hasse Arena was made by Dr. Van Zyl, the motion was seconded by Mr. Patterson. There was no further discussion and the motion carried 3-0.

2024 Proposed Budget

The Arenas Manager reviewed the 2024 proposed budget with the board and answered questions.

A motion to send the proposed budget to the City Council and School Board for review and comment was made by Mr. Patterson, the motion was seconded by Dr. Van Zyl. There was no further discussion and the motion carried 3-0.

Other Business

No other business was presented.

Signatures Required

- b) Lakeville Arenas Board Meeting Minutes for March 15, 2023, executed.
- c) Resolution 4192023.1 executed.

Adjourn

Motion to adjourn was made by Ms. Volk, seconded by Mr. Patterson. There was no further discussion, motion carried 3-0.

Minutes from the April 19, 2023, Lakeville Arenas Board Meeting respectfully submitted:

LAKEVILLE ARENAS

By: _____
Judy Keliher – Board Chair Date _____

ATTEST:

Troy Patterson – Board Secretary Date _____



Memorandum

To: Lakeville Arenas Board
From: Joseph Bergquist, Arenas Manager
Suzette Hall, Financial Analyst
Copy: Jerilyn Erickson, Finance Director
Date: May 10, 2023
Subject: April 30, 2023 Monthly Financial Statements (unaudited)

The April 2023 monthly financial report covers the period starting January 1, 2023 through April 30, 2023.

STATEMENT OF NET ASSETS
Operating & Capital Project Funds
(Unaudited)

Assets		
Cash	\$	982
Cash on hand		2,000
Investments		1,018,842
Market Value Adjustment		(15,499)
Interest receivable		6,559
Accounts receivable		21,273
Accounts receivable - Other		15,638
Inventory		9,794
Prepaid expenses		34,131
Total assets	\$	<u>1,093,720</u>
Liabilities		
Salaries payable	\$	17,472
Accounts payable		6,856
Sales tax payable		4,673
Deferred revenue		<u>33,545</u>
Total liabilities		<u>62,546</u>
Net assets	\$	<u><u>1,031,174</u></u>

As of April, the Lakeville Arenas had cash balances of \$2,982 and an investment balance of \$1,018,842. Cash and investment balances reflect the need for liquidity due to impending expenditures.

At the end of April, there were twenty-one investments held by Lakeville Arenas. The overall investment strategy is based on cash flow projections. Money not required for short term operations is invested in a manner that ensures safety, liquidity and public trust while maximizing yield.

See the attached investment portfolio as of April 30, 2023.

Accounts receivable at April 30, 2023 amounted to \$21,272.75. The table below shows a breakdown of the accounts receivable.

Days	0-30	31-60	61-90	>90	Total
Amount	19,249	2,024	0	0	21,273
Percentage	90%	10%	0%	0%	100%

		PER	Accts Rec.	Late	Accts Rec.	Payment
<u>ACCOUNTS RECEIVABLE @ 4/30/2023</u>		<u>ABOVE</u>	<u>Sales Tax</u>	<u>Fees</u>	<u>Rental</u>	<u>Date</u>
MN HOME SHOWS (DRY FLOOR)	(03/23)	-	171.00		171.00	5/10/2023
SKATE WITH WEEZY	(03/23 & 04/23)	1,440.00	102.60		1,542.60	5/10/2023
SEAN WALKER	(03/23 & 04/23)	1,035.00	73.75		1,108.75	May Sq Pmt
MN MENACE - 2009's	(03/23 & 04/23)	2,800.00	232.38		3,032.38	
HERITAGE FIGURE SKATING CLUB (HFSC)	(04/23)	5,600.00	-		5,600.00	5/10/2023
MN MENACE - 2012's	(04/23)	1,620.00	115.43		1,735.43	May Sq Pmt
PERRY WILKINSON	(04/23)	1,725.00	122.92		1,847.92	May Sq Pmt
HOCKEY FINDER	(04/23)	3,480.00	247.94		3,727.94	May Sq Pmt
MN METAL	(04/23)	1,800.00	128.25		1,928.25	May Sq Pmt
X HOCKEY	(04/23)	540.00	38.48		578.48	5/10/2023
		-	-	-	-	
Total Accounts Receivable		20,040.00	1,232.75	-	21,272.75	-

Inventory is comprised of pro-shop merchandise and concessions at the Ames and Hasse Arenas.

Prepaid expenses include workers compensation (May, June, 3rd, and 4th quarters 2023) and general liability insurance (May, June, 3rd, and 4th quarters 2023).

Salaries payable of \$ 17,472, represents wages earned through April 30, 2023 to be paid in the following month.

STATEMENTS OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

General Fund

The statement of revenues and expenses and changes in fund balance is presented on page four (4) and only reports activity in the "General (Operating) Fund."

STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

GENERAL FUND

FOR THE FOUR-MONTH PERIOD ENDING APRIL 30 2023

(unaudited)

	Adopted Budget	4/30/2023 Actual	Variance From Adopted Budget Pos / (Neg)	%	4/30/2022 Actual	Variance from 2022 Actual Pos / (Neg)
Operating Revenues						
Arena rental	\$ 1,106,813	\$ 457,183	\$ (649,630)	41.3%	\$ 433,840	\$ 23,343
Learn to skate	91,773	29,304	(62,469)	31.9%	27,140	2,164
Admissions-public skating	32,391	16,959	(15,432)	52.4%	8,008	8,951
Arena Programming	109,296	10,404	(98,892)	0.0%	-	10,404
Event admissions (net of ISD reimb)	47,148	26,268	(20,880)	55.7%	31,108	(4,840)
Concession sales (net)	97,165	73,254	(23,911)	75.4%	33,812	39,442
Proshop sales (net)	2,500	1,203	(1,297)	48.1%	260	943
Skate sharpening	9,727	3,783	(5,944)	38.9%	1,405	2,378
Skate rental	8,122	2,756	(5,366)	33.9%	2,317	439
Vending machines	-	1,748	1,748		809	939
Other - advertising contract	30,000	18,171	(11,829)	60.6%	9,163	9,008
Other / donations	2,000	481	(1,519)	0.0%	970	(489)
Interest income	10,000	6,041	(3,959)	60.4%	756	5,285
Net Chg in FV of Investments	-	1,295	1,295	0.0%	(10,704)	11,999
Total revenues	<u>1,546,935</u>	<u>648,850</u>	<u>(898,085)</u>	<u>41.9%</u>	<u>538,884</u>	<u>109,966</u>
Operating Expenses						
Personnel	611,030	194,344	416,686	31.8%	163,771	(30,573)
Commodities	78,628	15,986	62,642	20.3%	8,319	(7,667)
Utilities	329,102	111,042	218,060	33.7%	109,901	(1,141)
Contractual	181,816	36,234	145,582	19.9%	56,376	20,142
Other	104,051	82,562	21,489	79.3%	68,938	(13,624)
Debt service	76,335	6,750	69,585	0.0%	7,375	625
Capital reserve fund	140,000	46,667	93,333	33.3%	46,667	-
Total Expenses	<u>1,520,962</u>	<u>493,585</u>	<u>1,027,377</u>	<u>32.5%</u>	<u>461,347</u>	<u>(32,238)</u>
Change in fund balance	25,973	155,265	129,292		77,537	77,728
Fund balance - January 1, 2023		<u>462,882</u>				
Fund balance - April 30, 2023		<u>\$ 618,147</u>				

Capital Maintenance Reserve Fund

The following statement of revenues and expenses and changes in fund balance reflects activity for the "Capital Maintenance Reserve Fund."

STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
CAPITAL MAINTENANCE RESERVE FUND
FOR THE FOUR-MONTH PERIOD ENDING APRIL 30, 2023
(unaudited)

	2023 Amended Budget	4/30/2023 Actual	Variance from Amended Budget Positive(Negative)
Revenues			
From General Fund	\$ 140,000	\$ 46,667	\$ 93,333
Interest Revenue	3,464	3,950	(486)
Total Revenues	143,464	50,617	92,847
Expenses	320,000	-	320,000
Change in fund balance	(176,536)	50,617	(227,153)
Fund balance - January 1, 2023		362,410	
Fund balance - April 30, 2023		\$ 413,027	

An amended budget was approved for new dasher boards at Hasse Arena in the amount of \$320,000.

A transfer is made from the General Fund to the Capital Maintenance Reserve Fund each year. This transfer finances future capital acquisitions and building improvements.

ARENA DEBT

The Hasse Arena construction was originally financed with a Lease Revenue Bond issued by the Lakeville Housing and Redevelopment Authority in 2006. The debt is repaid with property taxes levied by the City of Lakeville and Independent School District 194. The 2006 bonds were advance refunded by HRA Lease Revenue Refunding Bonds, Series 2016A. The HRA2016A debt was refunded in April 2022. See details below.

In June 2020, the Lakeville City Council authorized the issuance of debt (approximately \$770,000) for the Ames Arena parking lot improvements. The competitive sale took place on July 20 and closed on August 13. The bonds were issued with a premium of \$145,777 which were used to reduce the amount of debt issued to \$620,000. True interest cost was 0.83%. The debt principal will be paid by contributions from the Lakeville Hockey Association (LHA) and the Heritage Figure Skating Club (HFSC). The interest will be paid by Lakeville Arenas. Staff will be calculating an allocation of the premium so LHA and HFSC will be paying the par plus premium.

On November 16, 2020, the Lakeville City Council authorized the issuance of debt (approximately \$8 million) to fund the APEX energy savings improvement projects at both the Hasse and Ames Arenas. The competitive sale took place on January 19, 2021 and closed on February 16, 2021. The bonds were issued with a premium of \$313,284 which was used to reduce the amount of debt issued to \$7,770,000. True interest cost was 1.48%. The debt will be repaid using property taxes and revenues received from Independent School District #194 per a Joint Powers Agreement approved in August 2020. Per the JPA the debt and debt-related costs are paid 50/50 by the City and ISD#194.

On February 7, 2022, the City Council authorized the issuance of Taxable General Obligation Bonds, Series 2022B, to refund the HRA Lease Revenue Refunding Bonds, Series 2016A (noted above) and provide funding for constructing a new outdoor rink at the Hasse Arena. The sale of the bonds was held on March 7, 2022 and closed on April 5, 2022. True interest cost was 2.69%. The refunding resulted in savings of approximately \$130,000 over the term of the bonds. An amended and restated joint powers agreement to address the payment of the refunding portion of the 2022B bonds was approved by ISD#194 and the City of Lakeville in February 2022. Agreements have been approved with Lakeville Hockey Association (LHA) and Heritage Figure Skating Club (HFSC) for additional contributions to be used for debt repayment of the bonds issued for the new outdoor rink.

CAPITAL CONTRIBUTIONS NOT REFLECTED IN ARENA FINANCIAL REPORTS

In 2019, the City of Lakeville entered into gaming revenue/facility use agreements with Lakeville Hockey Association (LHA) and Heritage Figure Skating Club (HFSC). Per the agreements, funds received are recorded in a separate City capital projects fund.

The first amendment to the gaming revenue agreements was approved with both the Lakeville Hockey Association and the Heritage Figure Skating Club on August 15, 2022. The following chart is a summary of the agreements:

Organization	Revised Term	Payments	Total Payments Anticipated
LHA	Twenty-three (23) years; 08/02/2019 – 08/01/2043	2020-2023: \$70,000/year 2024-2043: \$88,500/year	\$2,050,000
HFSC	Twenty-three (23) years; 08/02/2019 – 08/01/2043	2019-2023: \$10,000/year 2024-2043: \$11,500/year	\$280,000

The Lakeville Hockey Association and the Heritage Figure Skating Club have both made their first half 2023 contributions.

RECOMMENDATION

Lakeville Arena Board “acknowledges” the receipt of the April 30, 2023 Financial Report.



LAKEVILLE ARENAS
Financial Statements as of 04/30/23
(Preliminary and Unaudited)

ASSETS	OPERATIONS	CAPITAL PROJECTS	COMBINED
Current Assets			
Cash & Investments	\$ 611,444	\$ 410,380	\$ 1,021,824
Market Value Adjustment	(15,499)	-	(15,499)
Interest Receivable	3,912	2,647	6,559
Accounts Receivable - Customers	21,273	-	21,273
Accounts Receivable - Other	15,638	-	15,638
Inventory	9,794	-	9,794
Prepaid Expenses	34,131	-	34,131
Total Current Assets	680,693	413,027	1,093,720
Total Assets	\$ 680,693	\$ 413,027	\$ 1,093,720
LIABILITIES AND RETAINED EARNINGS			
Current Liabilities			
Wages Payable	\$ 17,472	\$ -	\$ 17,472
Accounts Payable	6,856	-	6,856
Sales Tax Payable	4,673	-	4,673
Deferred Revenue - Advertising	33,545	-	33,545
Total Current Liabilities	62,546	-	62,546
Retained Earnings			
Reserved for Future Capital Purchases	-	413,027	413,027
Unreserved	618,147	-	618,147
Total Retained Earnings	618,147	413,027	1,031,174
Total Liabilities and Retained Earnings	\$ 680,693	\$ 413,027	\$ 1,093,720
	-	-	-



LAKEVILLE ARENAS
Financial Statements as of 04/30/2023
(Preliminary and Unaudited) - Operations Only

	2023 Adopted Budget	4/30/2023 Actual	Variance from Amended Budget Positive (Negative)	Actual Percent	4/30/2022 Actual	Variance from 2022 Actual Positive (Negative)
Operating Revenues						
Ice Rental	\$ 1,092,713	\$ 451,295	\$ (641,418)	41.3%	\$ 423,354	\$ 27,941
Dry Floor Activities	14,100	5,888	(8,212)	41.8%	10,486	(4,598)
Learn to Skate	91,773	29,304	(62,469)	31.9%	27,140	2,164
Admissions-Public Skating	32,391	16,959	(15,432)	52.4%	8,008	8,951
Arena Programming	109,296	10,404	(98,892)	9.5%	-	10,404
Event Admissions(Net of ISD Reimb)	47,148	26,268	(20,880)	55.7%	31,108	(4,840)
Concession Sales (Net)	97,165	73,254	(23,911)	75.4%	33,812	39,442
Proshop Sales (Net)	2,500	1,203	(1,297)	48.1%	260	943
Skate Sharpening	9,727	3,783	(5,944)	38.9%	1,405	2,378
Skate Rental	8,122	2,756	(5,366)	33.9%	2,317	439
Vending Machines	-	1,748	1,748		809	939
Other - Advertising Contract	30,000	18,171	(11,829)	60.6%	9,163	9,008
Donations/Other	2,000	481	(1,519)	24.1%	970	(489)
Interest Income	10,000	6,041	(3,959)	60.4%	756	5,285
Net Chg in FV of Investments	-	1,295	1,295	0.0%	(10,704)	11,999
Total Revenues	1,546,935	648,850	(898,085)	41.9%	538,884	109,966
Operating Expenses						
Salaries - Full Time	323,503	72,618	250,885	22.4%	73,169	551
Salaries - Full Time - Overtime	29,333	10,136	19,197	34.6%	-	(10,136)
Salaries - Part Time	114,000	79,611	34,389	69.8%	61,546	(18,065)
Pera	24,263	8,533	15,730	35.2%	7,454	(1,079)
FICA	33,469	12,420	21,049	37.1%	10,293	(2,127)
Employee Insurance		-	-		(5)	(5)
Hospitalization	53,790	5,295	48,495	9.8%	6,823	1,528
Life and Disability	896	44	852	0.0%	141	97
Long Term Disability	788	135	653	17.1%	141	6
FSA Plan	-	14	(14)	0.0%	15	1
Dental Insurance	3,180	215	2,965	6.8%	379	164
Workers Compensation	13,944	5,323	8,621	38.2%	3,815	(1,508)
Salary Contingency	13,864	-	13,864	0.0%	-	-
Office Supplies	1,000	1,194	(194)	119.4%	1,111	(83)
Operating Supplies	30,640	5,581	25,059	18.2%	2,204	(3,377)
Motor Fuels	1,500	120	1,380	8.0%	268	148
Cleaning Supplies	11,000	5,677	5,323	51.6%	4,104	(1,573)
Clothing	2,500	-	2,500	0.0%	36	36
Chemicals	-	512	(512)		-	(512)
Safety Supplies	788	456	332	57.9%	541	85
Equipment Parts/Building Supplies	28,700	2,446	26,254	8.5%	55	(2,391)
Small Tools/Equipment	2,500	-	2,500	0.0%	-	-
Computer Supplies	5,000	381	4,619	0.0%	-	(381)
Fiscal Management Fee	35,542	13,104	22,438	36.9%	12,196	(908)
Bank Charges	15,500	9,643	5,857	62.2%	6,492	(3,151)
Audit	6,554	5,000	1,554	76.3%	5,000	-
Use of Personal Auto	303	-	303	0.0%	-	-
Advertising	6,220	-	6,220	0.0%	10,338	10,338
Insurance	25,637	11,740	13,897	45.8%	8,378	(3,362)
Electric Service	239,917	69,815	170,102	29.1%	77,599	7,784
Gas Service	89,185	41,227	47,958	46.2%	32,302	(8,925)
Utility Energy Savings (APEX)	(63,460)	-	(63,460)	0.0%	-	-
Water and Sewer Service	19,119	11,052	8,067	57.8%	9,738	(1,314)
Waste Disposal	10,459	3,324	7,135	31.8%	3,790	466
Telephone/Pager	3,436	1,107	2,329	32.2%	959	(148)
Other Contractual/Landscaping	73,772	17,774	55,998	24.1%	28,768	10,994
Equipment Repair and Maintenance	20,231	1,563	18,668	7.7%	533	(1,030)
Building Repair and Maintenance	87,813	16,897	70,916	19.2%	27,075	10,178
Contract Cleaning	-	1,922	(1,922)	0.0%	-	(1,922)
Debt Service Payments - Major Maintenance	76,335	6,750	69,585	8.8%	7,375	625
Schools and Conferences	5,000	720	4,280	14.4%	-	(720)
Dues/Subscriptions/Licenses	16,881	6,010	10,871	35.6%	1,984	(4,026)
Snow Removal	17,860	16,995	865	95.2%	10,063	(6,932)
Capital Outlay	-	1,564	(1,564)		-	(1,564)
Capital Reserve Fund	140,000	46,667	93,333	33.3%	46,667	-
Total Expenses	1,520,962	493,585	1,027,377	32.5%	461,347	(32,238)
Net Income (Loss)	\$ 25,973	\$ 155,265	\$ 129,292	0.0%	\$ 77,537	\$ 77,728



Invoice Aging - Summary
As of Monday, May 15, 2023
All Customers

Customer	Current	1-30 Days	31-60 Days	61-90 Days	91+ Days	Balance Due
MN Menace - 2009's	\$0.00	\$0.00	\$2,882.40	\$0.00	\$0.00	\$2,882.40
Skate with Weezy	\$0.00	\$699.56	\$0.00	\$0.00	\$0.00	\$699.56
Report Totals:	\$0.00	\$699.56	\$2,882.40	\$0.00	\$0.00	\$3,581.96

Note: Payment amount may not reflect the actual amount due to data sequencing and/or data selection.

Council Check Summary

Page - 1

4/1/2023 - 4/30/2023

Check #	Date	Amount	Supplier / Explanation	PO#	Doc No	Inv No	BU	Obj	Sub	Subledger	Account Description	BU Description	Co	Dept	Div
12779	4/12/2023		100572 ACE HARDWARE												
		19.64	NUTS & BOLTS		415402	301116-202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		5.99	SOCKET ADAPTER		415402	301116-202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		31.39	NUTS & BOLTS, DEGREASER		415402	301116-202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		14.99	FINISHING TROWEL		415402	301116-202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		72.01													
12791	4/12/2023		121119 BECKER ARENA PRODUCTS INC												
		262.80	PROSHOP SKATE RACK SHELVES		414794	608338	8970	6282			CONTRACT EQUIPMENT REPAIR	LAKEVILLE ARENAS ADMIN	08970	90	90
		262.80													
12801	4/12/2023		133853 CINTAS												
		22.63	RUG & TOWEL SERV 3/27/23		414793	4150595504	8979	6280			OTHER CONTRACTUAL	AMES GENERAL	08970	90	90
		22.63													
12813	4/12/2023		100303 DICK'S SANITATION												
		387.83	APR 2023 SERVICE		415420	8959042T460	8979	6275			WASTE DISPOSAL	AMES GENERAL	08970	90	90
		387.83													
12817	4/12/2023		100387 ECOLAB PEST ELIM												
		109.71	PEST CONTROL 3/21/23		414792	9080985	8989	6280			OTHER CONTRACTUAL	HASSE GENERAL	08970	90	90
		109.71													
12819	4/12/2023		114176 FASTENAL COMPANY												
		61.86	JANITORIAL SUPPLIES		414791	MNLAK196837	8979	6123			CLEANING SUPPLIES	AMES GENERAL	08970	90	90
		61.86													
12820	4/12/2023		127542 FBG SERVICE CORPORATION												
		1,922.00	RR CLEANING SERV MAR 2023		414790	944892	8979	6286			CONTRACT CLEANING	AMES GENERAL	08970	90	90
		1,922.00													
12864	4/12/2023		100474 R & R SPECIALTIES INC												
		400.00	ZAMBONI MAINT TRNG(2) 30/20/23		414787	0078532-IN	8970	6311			SCHOOLS AND CONFERENCES	LAKEVILLE ARENAS ADMIN	08970	90	90
		127.50	ZAMBONI BLADE SHARPENING		414789	0078584-IN	8979	6282			CONTRACT EQUIPMENT REPAIR	AMES GENERAL	08970	90	90
		527.50													
12879	4/12/2023		135640 SPEEDPRO IMAGING												
		264.00	DASHER BRD AD-STATE FARM		414786	INV-8258	8979	6136			SIGNS AND STRIPING SUPPLIES	AMES GENERAL	08970	90	90
		264.00													
12880	4/12/2023		134641 ST CROIX COFFEE TEA COMPANY												
		205.00	CONCESSIONS INVENTORY		414784	0060839	8970	5532			ICE ARENA CONCESSIONS COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		20.63	CREDIT SALES TAX PAID 0060561		414785	0060561CR	8970	5532			ICE ARENA CONCESSIONS COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		184.37													
12897	4/12/2023		136576 VONAGE BUSINESS												
		98.88	PHONE SERVICE APR 2023		414780	INV09182358	8979	6276			TELEPHONE	AMES GENERAL	08970	90	90
		73.53	PHONE SERVICE APR 2023		414780	INV09182358	8989	6276			TELEPHONE	HASSE GENERAL	08970	90	90

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Check #	Date	Amount	Supplier / Explanation	PO#	Doc No	Inv No	BU	Obj	Sub	Subledger	Account Description	BU Description	Co	Dept	Div
		172.41													
12899	4/12/2023		137335 WALCOTT SOLAR, LLC												
		4,838.99	SOLAR CREDITS FEB		414741	2303-6993A	8979	6271			ELECTRIC SERVICE	AMES GENERAL	08970	90	90
		2,746.04	SOLAR CREDITS FEB		414741	2303-6993A	8989	6271			ELECTRIC SERVICE	HASSE GENERAL	08970	90	90
		7,585.03													
12916	4/26/2023		121119 BECKER ARENA PRODUCTS INC												
		478.39	DASHER ZAM DOOR THRESHOLDS(2)		416185	608483	8979	6120			OPERATING SUPPLIES	AMES GENERAL	08970	90	90
		478.39													
12921	4/26/2023		132226 CCP NI MASTER TENANT 4 LLC												
		1,858.11	FEB SOLAR CREDITS		416259	202302	8979	6271			ELECTRIC SERVICE	AMES GENERAL	08970	90	90
		2,970.00	MAR SOLAR CREDITS		416260	202303	8979	6271			ELECTRIC SERVICE	AMES GENERAL	08970	90	90
		4,828.11													
12923	4/26/2023		133853 CINTAS												
		22.63	RUG SERVICE 4/10/23		416183	4151964894	8979	6280			OTHER CONTRACTUAL	AMES GENERAL	08970	90	90
		22.63													
12936	4/26/2023		128385 DRIESSEN WATER INC												
		250.40	MARCH 2023 SERVICE		416189	10000802-03312023	8979	6280			OTHER CONTRACTUAL	AMES GENERAL	08970	90	90
		260.50	MARCH 2023 SERVICE		416190	10159178-03312023	8989	6280			OTHER CONTRACTUAL	HASSE GENERAL	08970	90	90
		510.90													
12938	4/26/2023		100387 ECOLAB PEST ELIM												
		110.95	PEST CONTROL 4/11/23		416181	9305012	8989	6280			OTHER CONTRACTUAL	HASSE GENERAL	08970	90	90
		110.95													
12942	4/26/2023		114176 FASTENAL COMPANY												
		311.13	JANITORIAL SUPPLIES		416188	MNLAK196879	8979	6123			CLEANING SUPPLIES	AMES GENERAL	08970	90	90
		311.13													
12959	4/26/2023		100253 JEFF REISINGER LAWN SERVICE INC												
		1,899.50	MAR 2023 SNOW REMOVAL		416174	14757	8979	6322			SNOW REMOVAL	AMES GENERAL	08970	90	90
		1,807.75	MAR 2023 SNOW REMOVAL		416175	14758	8989	6322			SNOW REMOVAL	HASSE GENERAL	08970	90	90
		3,707.25													
12976	4/26/2023		121801 MEI TOTAL ELEVATOR SOLUTIONS												
		206.53	APR 2023 SERVICE		416169	1013679	8989	6283			CONTRACT BUILDING REPAIR	HASSE GENERAL	08970	90	90
		206.53													
12987	4/26/2023		121584 PATTERSON, TONYEA												
		37.39	LTS END OF SESSION CANDY REIMB		416218	20230410	8989	6120			OPERATING SUPPLIES	HASSE GENERAL	08970	90	90
		37.39													
12994	4/26/2023		100474 R & R SPECIALTIES INC												
		60.00	ZAMBONI BLADE SHARPENING		416171	0078089-14	8979	6282			CONTRACT EQUIPMENT REPAIR	AMES GENERAL	08970	90	90

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4/1/2023 - 4/30/2023

Check #	Date	Amount	Supplier / Explanation	PO#	Doc No	Inv No	BU	Obj	Sub	Subledger	Account Description	BU Description	Co	Dept	Div
		60.00													
12997	4/26/2023		101887 RINK TEC INTERNATIONAL INC												
		1,422.00	R&M RINK PUMP REPAIR 3/28/23		416193	5304	8979	6283			CONTRACT BUILDING REPAIR	AMES GENERAL	08970	90	90
		1,422.00													
13011	4/26/2023		135342 SSI MN TRANCHE 1 LLC												
		8,864.18	MAR SOLAR CREDITS		416153	55043	8979	6271			ELECTRIC SERVICE	AMES GENERAL	08970	90	90
		6,751.18	FEB SOLAR CREDITS		416262	52539	8979	6271			ELECTRIC SERVICE	AMES GENERAL	08970	90	90
		236.29	FEB SOLAR CREDITS		416262	52539	8989	6271			ELECTRIC SERVICE	HASSE GENERAL	08970	90	90
		310.25	MAR SOLAR CREDITS		416153	55043	8989	6271			ELECTRIC SERVICE	HASSE GENERAL	08970	90	90
		16,161.90													
13012	4/26/2023		136224 SSI MN TRANCHE 3 LLC												
		6,392.09	MAR SOLAR CREDITS		416157	55045	8989	6271			ELECTRIC SERVICE	HASSE GENERAL	08970	90	90
		4,456.33	FEB SOLAR CREDITS		416264	52541	8989	6271			ELECTRIC SERVICE	HASSE GENERAL	08970	90	90
		10,848.42													
13028	4/26/2023		138985 WATSON COMPANY, MN												
		757.87	CONCESSIONS INVENTORY		416167	132932	8970	5532			ICE ARENA CONCESSIONS COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		757.87													
318661	4/25/2023		100621 CHARTER COMMUNICATIONS												
		8.42	APR 2023 CABLE TV SERVICE		416192	0508574040623	8979	6276			TELEPHONE	AMES GENERAL	08970	90	90
		8.42													
318662	4/25/2023		137994 CHEMAQUA												
		512.23	COOLING TOWER WATER TREATMENT		416186	8189944	8979	6126			CHEMICALS	AMES GENERAL	08970	90	90
		512.23													
318664	4/25/2023		100025 CITY OF LAKEVILLE												
		3,276.00	ARENAS APR 2023 FISCAL AGENT		416202	33962	8970	6214			FISCAL CONSULTANT FEES	LAKEVILLE ARENAS ADMIN	08970	90	90
		3,276.00													
318686	4/25/2023		100341 FRONTIER COMMUNICATIONS												
		100.51	HASSE ELEVATOR MAR 2023		416205	91807-202303	8989	6276			TELEPHONE	HASSE GENERAL	08970	90	90
		100.51													
318696	4/25/2023		136146 HOWIES HOCKEY TAPE												
		718.83	PRO SHOP INVENTORY		416187	INV000170233	8970	5531			ICE ARENA PROSHOP COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		718.83													
318698	4/25/2023		100784 ISD #194 LAKEVILLE AREA SCHOOLS												
		812.50	NORTH GIRLS 2/8/23		416217	20230404	8970	5212			ICE RENTAL - ISD 194	LAKEVILLE ARENAS ADMIN	08970	90	90
		812.50	NORTH GIRLS 2/11/23		416217	20230404	8970	5212			ICE RENTAL - ISD 194	LAKEVILLE ARENAS ADMIN	08970	90	90
		750.00	SOUTH GIRLS 2/11/23		416217	20230404	8970	5212			ICE RENTAL - ISD 194	LAKEVILLE ARENAS ADMIN	08970	90	90
		812.50	SOUTH BOYS 2/23/23		416217	20230404	8970	5212			ICE RENTAL - ISD 194	LAKEVILLE ARENAS ADMIN	08970	90	90
		812.50	NORTH BOYS 2/24/23		416217	20230404	8970	5212			ICE RENTAL - ISD 194	LAKEVILLE ARENAS ADMIN	08970	90	90

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Council Check Summary

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4/1/2023 - 4/30/2023

Check #	Date	Amount	Supplier / Explanation	PO#	Doc No	Inv No	BU	Obj	Sub	Subledger	Account Description	BU Description	Co	Dept	Div
		4,000.00													
318709	4/25/2023		100559 LMCIT												
		35,220.00	2023 PROPERTY/LIABILITY INS		416146	10003119-20230404	8970	6261			GENERAL LIABILITY INSURANCE	LAKEVILLE ARENAS ADMIN	08970	90	90
		35,220.00													
318713	4/25/2023		135432 MARCO TECHNOLOGIES LLC												
		277.17	ARENAS-COPIER MAINT		416211	498061548	8979	6110			OFFICE SUPPLIES	AMES GENERAL	08970	90	90
		277.17													
318766	4/20/2023		119725 MN ENERGY RESOURCES CORP												
		3,906.36	AMES ARENA		416269	202303	8979	6272			GAS SERVICE	AMES GENERAL	08970	90	90
		1,750.92	HASSE ARENA		416269	202303	8989	6272			GAS SERVICE	HASSE GENERAL	08970	90	90
		5,657.28													
20230155	4/3/2023		101882 HEALTH PARTNERS-CITY												
		53.81	APR 2023 PREMIUM		415443	119656633	8970	6054			DENTAL INSURANCE	LAKEVILLE ARENAS ADMIN	08970	90	90
		53.81													
20230158	4/3/2023		139123 MINNESOTA HEALTHCARE CONSORTIUM												
		715.42	APR 2023 PREMIUM		415447	202304	8970	6051			HOSPITALIZATION INSURANCE	LAKEVILLE ARENAS ADMIN	08970	90	90
		715.42													
20230160	4/3/2023		132424 FIDELITY SECURITY LIFE INSURANCE CO												
		4.53	APR 2023 EYEMED PREMIUM		415442	165720073	8970	1371			PREPAID EXPENSES	LAKEVILLE ARENAS ADMIN	08970	90	90
		4.53													
20230164	4/7/2023		137859 CITY OF LAKEVILLE-ARENAS												
		9,660.59	ARENAS PAYROLL PPE 04/02/23		415444	20230402	8970	1010			CASH - GENERAL	LAKEVILLE ARENAS ADMIN	08970	90	90
		5,097.91	ARENAS PAYROLL PPE 04/02/23		415444	20230402	8970	2030			ACCRUED SALARIES PAYABLE	LAKEVILLE ARENAS ADMIN	08970	90	90
		64.98-	ARENAS LIFE INS PPE 04/02/23		415444	20230402	8970	6052			LIFE AND DISABILITY INSURANC	LAKEVILLE ARENAS ADMIN	08970	90	90
		14,693.52													
20230173	4/10/2023		136242 WELLS FARGO PCARD-ARENAS												
		500.54	MENARDS-CONCESSIONS INVENTORY		415488	202303	8970	5532			ICE ARENA CONCESSIONS COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		.54	HSEM-ANNU HAZARD MATL RPT FEE		415488	202303	8970	6314			LICENSES AND TAXES	LAKEVILLE ARENAS ADMIN	08970	90	90
		100.00	HSEM-ANNU HAZARD MATL RPT FEE		415488	202303	8970	6314			LICENSES AND TAXES	LAKEVILLE ARENAS ADMIN	08970	90	90
		25.00	HSEM-ANNU HAZARD MATL RPT FEE		415488	202303	8970	6314			LICENSES AND TAXES	LAKEVILLE ARENAS ADMIN	08970	90	90
		2.15	HSEM-ANNU HAZARD MATL RPT FEE		415488	202303	8970	6314			LICENSES AND TAXES	LAKEVILLE ARENAS ADMIN	08970	90	90
		164.88	GETSLING-EE SCHEDULE APP SUBS		415488	202303	8970	6313			DUES AND SUBSCRIPTIONS	LAKEVILLE ARENAS ADMIN	08970	90	90
		743.26	SAMS-CONCESSIONS INVENTORY		415488	202303	8970	5532			ICE ARENA CONCESSIONS COGS	LAKEVILLE ARENAS ADMIN	08970	90	90
		320.00	MIAMA-SPRING CONF SIRO(7) 5/3		415488	202303	8970	6311			SCHOOLS AND CONFERENCES	LAKEVILLE ARENAS ADMIN	08970	90	90
		3,959.63	WELLS FARGO ARENAS MAR 2023		415488	202303	8970	1010			CASH - GENERAL	LAKEVILLE ARENAS ADMIN	08970	90	90
		3,959.63-	WELLS FARGO ARENAS MAR 2023		415488	202303	8970	1022			CASH - LAKEVILLE AMES ARENA	LAKEVILLE ARENAS ADMIN	08970	90	90
		3.10	MENARDS-BUILDING REPAIR		415488	202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		1,927.11	WEBSTAUANT-ICECREAM DSPL CASE		415488	202303	8970	6120			OPERATING SUPPLIES	AMES GENERAL	08970	90	90

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4/1/2023 - 4/30/2023

Check #	Date	Amount	Supplier / Explanation	PO#	Doc No	Inv No	BU	Obj	Sub	Subledger	Account Description	BU Description	Co	Dept	Div
		11.90	HOME DEP-EQUIPMENT REPR ZAMB		415488	202303	8979	6131			EQUIPMENT PARTS	AMES GENERAL	08970	90	90
		29.92	HOME DEP-BUILDING REPAIR		415488	202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		96.01	HOME DEP-BUILDING REPAIR		415488	202303	8979	6133			BUILDING REPAIR SUPPLIES	AMES GENERAL	08970	90	90
		35.22	WEBSTAUANT-STORAGE CONTAINERS		415488	202303	8979	6120			OPERATING SUPPLIES	AMES GENERAL	08970	90	90
		3,959.63													
20230176	4/12/2023		117549 MADISON NATL LIFE INSURANCE CO INC												
		26.35	APR 2023 PREMIUM		415445	202304	8970	6053			LONG TERM DISABILITY	LAKEVILLE ARENAS ADMIN	08970	90	90
		26.35													
20230183	4/13/2023		141141 DAY SMART RECREATION												
		745.96	ARENAS SCHED/POS SERVICE APR		416272	INV00915190	8970	6313			DUES AND SUBSCRIPTIONS	LAKEVILLE ARENAS ADMIN	08970	90	90
		745.96	ARENAS SCHED/POS SERVICE APR		416272	INV00915190	8970	1010			CASH - GENERAL	LAKEVILLE ARENAS ADMIN	08970	90	90
		745.96	ARENAS SCHED/POS SERVICE APR		416272	INV00915190	8970	1022			CASH - LAKEVILLE AMES ARENA	LAKEVILLE ARENAS ADMIN	08970	90	90
		745.96													
20230190	4/21/2023		137859 CITY OF LAKEVILLE-ARENAS												
		9,771.96	ARENAS PAYROLL PPE 04/16/23		416280	20230416	8970	1010			CASH - GENERAL	LAKEVILLE ARENAS ADMIN	08970	90	90
		4,379.98	ARENAS PAYROLL PPE 04/16/23		416280	20230416	8970	2030			ACCRUED SALARIES PAYABLE	LAKEVILLE ARENAS ADMIN	08970	90	90
		64.98	ARENAS LIFE INS PPE 04/16/23		416280	20230416	8970	6052			LIFE AND DISABILITY INSURANC	LAKEVILLE ARENAS ADMIN	08970	90	90
		14,086.96													
20230192	4/27/2023		120627 MINNESOTA LIFE INSURANCE CO												
		137.35	APR 2023 PERMIUM		416281	202304	8970	6052			LIFE AND DISABILITY INSURANC	LAKEVILLE ARENAS ADMIN	08970	90	90
		137.35													
<u>08970</u>	<u>LAKEVILLE ARENAS - OPERATIONS</u>				<u>135,229.59</u>										
			Report Totals		<u>135,229.59</u>										

City of Lakeville
Portfolio Holdings
Investment Portfolio - by Portfolio
Report Format: By Transaction
Group By: Portfolio Name
Average By: Face Amount / Shares
Portfolio / Report Group: Lakeville - Arenas
As of 4/30/2023

Description	CUSIP/Ticker	Settlement Date	YTM @ Cost	Face Amount/Shares	Cost Value	Book Value	Market Value	Maturity Date	Days To Maturity	Accrued Interest	% of Portfolio
Lakeville - Arenas											
4M General LGIP	LGIP6101M	4/1/2019	4.844	138,841.25	138,841.25	138,841.25	138,841.25	N/A	1		13.63
Morgan Stanley Bank 2.55 6/13/2023	61690UHD5	6/13/2019	2.550	50,000.00	50,000.00	50,000.00	49,845.35	6/13/2023	44	482.05	4.91
Barclays Bank, Wilmington DE 4.6 6/14/2023	06740KRJ8	12/14/2022	4.600	50,000.00	50,000.00	50,000.00	49,972.48	6/14/2023	45	863.29	4.91
Ally Bank, Midvale UT 3.95 7/6/2023	02007GZQ9	10/6/2022	3.950	40,000.00	40,000.00	40,000.00	39,914.48	7/6/2023	67	891.73	3.93
BMO Harris Bank, N.A. 3 8/11/2023	05600XHW3	8/11/2022	3.000	40,000.00	40,000.00	40,000.00	39,759.70	8/11/2023	103	861.37	3.93
JP MORGAN CHASE BANK 3.1 8/16/2023-22	46593LDW6	8/16/2022	3.100	50,000.00	50,000.00	50,000.00	49,722.09	8/16/2023	108	310.00	4.91
Transportation Alliance Bank 0.25 9/11/2023	89388CEA2	9/11/2020	0.250	40,000.00	40,000.00	40,000.00	39,314.05	9/11/2023	134	5.21	3.93
Truist Bank, Charlotte NC 4.6 9/22/2023	89788HCC5	12/23/2022	4.600	50,000.00	50,000.00	50,000.00	49,918.00	9/22/2023	145	806.58	4.91
BMW Bank, N.A. 0.25 10/16/2023	05580AZG2	4/16/2021	0.250	25,000.00	25,000.00	25,000.00	24,460.21	10/16/2023	169	2.40	2.45
Key Bank, Cleveland OH 4.9 11/6/2023	49306SK47	4/24/2023	4.900	40,000.00	40,000.00	40,000.00	40,001.53	11/6/2023	190	32.22	3.93
Charles Schwab Bank, Westlake TX 4.75 2/2/2024	15987UAN8	2/2/2023	4.750	40,000.00	40,000.00	40,000.00	39,942.21	2/2/2024	278	452.88	3.93
BMO Harris Bank, N.A. 4.7 2/29/2024	05600XLN8	1/31/2023	4.700	40,000.00	40,000.00	40,000.00	39,939.00	2/29/2024	305	458.41	3.93
Luana Savings Bank, Luana IA 0.3 7/1/2024	549104VB0	12/30/2020	0.300	50,000.00	50,000.00	50,000.00	47,401.93	7/1/2024	428	49.32	4.91
Ally Bank, Sandy UT 3.35 8/12/2024-23	02007GXT5	8/11/2022	3.350	40,000.00	40,000.00	40,000.00	39,226.08	8/12/2024	470	286.36	3.93
Morgan Stanley Bank, N.A. 4.9 9/3/2024	61690U2D1	3/2/2023	4.900	50,000.00	50,000.00	50,000.00	49,986.09	9/3/2024	492	396.03	4.91
Luana Savings Bank, Luana IA 0.25 10/7/2024	549104XE2	4/7/2021	0.250	40,000.00	40,000.00	40,000.00	37,411.94	10/7/2024	526	6.30	3.93
Burke & Herbert B&T, Alexandria VA 4.6 8/6	121331AQ5	2/6/2023	4.600	50,000.00	50,000.00	50,000.00	49,515.87	8/6/2025	829	151.23	4.91
BMW Bank, N.A. 5.1 9/17/2025	05580AX58	3/17/2023	5.100	40,000.00	40,000.00	40,000.00	40,104.09	9/17/2025	871	245.92	3.93
Luana Savings Bank, Luana IA 0.45 10/7/2025	549104XD4	4/7/2021	0.450	40,000.00	40,000.00	40,000.00	35,870.64	10/7/2025	891	11.34	3.93
Live Oak Banking, Wilmington NC 0.65 10/20/2025	538036PS7	4/20/2021	0.650	25,000.00	25,000.00	25,000.00	22,483.78	10/20/2025	904	12.91	2.45
Discover Bank, Greenwood DE 5.1 3/23/2026	2546733A2	3/22/2023	5.100	40,000.00	40,000.00	40,000.00	40,153.27	3/23/2026	1,058	217.97	3.93
Morgan Stanley Bank, N.A., Salt Lake City UT 4.55	61690U4Z0	4/27/2023	4.550	40,000.00	40,000.00	40,000.00	39,557.83	4/27/2026	1,093	14.96	3.93
Sub Total / Average Lakeville - Arenas			3.476	1,018,841.25	1,018,841.25	1,018,841.25	1,003,341.87		364	6,558.48	100.00
Total / Average			3.476	1,018,841.25	1,018,841.25	1,018,841.25	1,003,341.87		364	6,558.48	100



Lakeville ARENAS



2022 ANNUAL REPORT

LAKEVILLE ARENAS

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I. INTRODUCTORY SECTION

**LAKEVILLE ARENAS
APPOINTED OFFICIALS
DECEMBER 31, 2022**

**BOARD OF
DIRECTORS**

<u>Appointed by</u>	<u>Appointed Official</u>	<u>Position with Appointer</u>
Arena Board	Troy Patterson	Member at Large (Term Expires March 2023)
City of Lakeville	Justin Miller	City Administrator
City of Lakeville	Michelle Volk	City Council Member
Independent School District 194	Judy Keliher	Independent School District 194 Board Member
Independent School District 194	Doug Van Zyl	Independent School District 194 Superintendent

Lakeville

ARENAS

April 28, 2023

City of Lakeville and Independent School District 194,

On behalf of the Lakeville Arena Board, it is my pleasure to present to you the Lakeville Arenas Financial Report for the year ended December 31, 2022.

Lakeville Arenas Profile

The Lakeville Arenas is a joint powers entity created in December 2004 between the City and ISD 194. Lakeville Arenas is governed by a Board consisting of two representatives appointed by the City, two appointed by ISD 194 and one member appointed to represent the community at large.

The Board is charged with the responsibility of undertaking entrepreneurial endeavors in the overall operation and management of the Lakeville Arenas. Its purpose is to lease, maintain, operate, and manage the Arena Complex in the best interests of the overall community. The Lakeville Arenas currently manages the Ames Arena which consists of two contiguous facilities located at 19900 Ipava Avenue and the Hasse Arena located at 8525 215th Street West. A budget is adopted by July 1st of each year.

Financial Operations

Revenues exceeded expenditures and other financing uses by \$148,837 in 2022.

	2022	2021	Change
Revenues	\$ 1,418,206	\$ 1,112,767	\$ 305,439
Expenditures			
Personnel	490,128	375,577	114,551
Other charges and services	298,665	221,092	77,573
Utilities	307,958	235,978	71,980
Capital outlay	43,018	203,699	(160,681)
Supplies	88,203	71,726	16,477
Other expense	27,272	12,601	14,671
Contributions to City Debt Service	14,125	12,142	1,983
Total expenditures	1,269,369	1,132,815	136,554
Net	\$ 148,837	\$ (20,048)	\$ 168,885

Revenues were up this past year as the effects of the COVID-19 pandemic subsided and higher advertising revenue with the addition of an independent contractor to sell advertising space. Personnel services were up in 2022 resulting from the filling of two full time vacant positions mid-year 2021 and increased part-time

wages with the facilities open at normal capacity. Other charges and services increased from prior year due to commissions paid to an independent contractor to sell advertising space, cleaning services resuming in December 2021, concession staff fundraisers resuming in December 2021 and bank fees associated with adding additional methods of payments. Utility costs were up 30.5 percent from the prior year due to facilities being fully open and increases in electrical and natural gas rates. Solar credits provided \$37,400 in electricity savings for 2022. Capital outlay included benches for the lobby, skate shelving, water softener, coolers/freezers, floor scrubbers and Zamboni blade changing tool.

Financial Position

A measure of an organization's ability to meet current and future obligations is its fund balance. Lakeville Arenas had an \$825,291 fund balance as of December 31, 2022, of which \$362,410 is assigned for capital acquisitions as required by the Joint Powers Agreement. An additional \$15,075 is non-spendable and \$25,002 is assigned to other purposes. The remaining \$422,804 provides the working capital to meet cash flow and operational requirements during the summer and fall when revenues are minimal.

Balance Sheet - Governmental Funds

	Total Governmental Funds
Assets	<u>\$ 952,758</u>
Liabilities	<u>\$ 127,467</u>
Fund balances	
Non-spendable for prepaids and inventory	15,075
Assigned for compensated absences	25,002
Assigned for future capital acquisitions	362,410
Unassigned	<u>422,804</u>
Total fund balances	<u>825,291</u>
Total liabilities and fund balances	<u>\$ 952,758</u>

Arena Debt

The Hasse Arena construction was originally financed with a Lease Revenue Bond issued by the Lakeville Housing and Redevelopment Authority in 2006. The debt is repaid with property taxes levied by the City of Lakeville and Independent School District 194. The 2006 bonds were advance refunded by HRA Lease Revenue Refunding Bonds, Series 2016A. The HRA2016A debt was refunded in April 2022. On February 7, 2022, the City Council authorized the issuance of Taxable General Obligation Bonds, Series 2022B, to refund the HRA Lease Revenue Refunding Bonds, Series 2016A (noted above) and provide funding for constructing a new outdoor rink at the Hasse Arena. The sale of the bonds was held on March 7, 2022 and closed on April 5, 2022. True interest cost was 2.69 percent. The refunding resulted in savings of approximately \$130,000 over the term of the bonds. An amended and restated joint powers agreement to address the payment of the refunding portion of the 2022B bonds was approved by ISD#194 and the City of Lakeville in February 2022. Agreements have been approved with Lakeville Hockey Association (LHA) and Heritage Figure Skating Club (HFSC) for additional contributions to be used for debt repayment of the bonds issued for the new outdoor rink.

The Ames arena parking lot expansion project was financed with a Tax Abatement Bond issued by the City of Lakeville. As such, the debt is included in the City of Lakeville Annual Comprehensive Financial Report not the Lakeville Arenas Annual Financial Report. The debt is being repaid with contributions from the Lakeville Hockey Association and the Heritage Figure Skating Club. A portion of the interest on the debt will be paid by Lakeville Arenas. The final debt payment is February 1, 2031.

An energy improvement project began in the fall of 2020 at both facilities. The project cost was approximately \$7.9 million and was completed in the fall of 2021. The project is financed with a Tax Abatement Bond issued by the City of Lakeville in February 2021. As such, the debt is included in the City of Lakeville Annual Comprehensive Financial Report not the Lakeville Arenas Annual Financial Report. The debt is being repaid with energy savings realized at both facilities and property taxes levied by the City of Lakeville and Independent School District 194. The final debt payment is February 1, 2041.

Conclusion

The Lakeville community has an arena due to the collaborative efforts of the City of Lakeville, Lakeville Housing and Redevelopment Authority, Independent School District 194, and the Lakeville Hockey Association. In the absence of such a relationship, the community would not have such an amenity.

The various organizations within our community who patronize and support the arena are to be commended for their visionary and cooperative partnership approach to make this outstanding amenity a reality.



Judy Keliher, Board Chair

II. FINANCIAL SECTION

INDEPENDENT AUDITOR'S REPORT

Board of Directors
Lakeville Arenas
Lakeville, Minnesota

Opinions

We have audited the accompanying financial statements of the governmental activities and each major fund of the Lakeville Arenas (the Organization), as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise the Organization's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Organization as of December 31, 2022, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Organization and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Organization's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Organization's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Lakeville Arena's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis starting on page 7, the budgetary comparison for the General fund on page 33, and the Schedule of Employer's Share of the Net Pension Liability and the Schedule of Employer's Contributions starting on page 36 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Management is responsible for the other information in the annual report. The other information comprises the introductory section but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statement do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.



Abdo
Minneapolis, Minnesota
April 28, 2023



**MANAGEMENT'S DISCUSSION
AND ANALYSIS**

**LAKEVILLE ARENAS
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2022**

This discussion and analysis present an overview of the financial activities and financial position of the Lakeville Arenas for the year ended December 31, 2022.

Financial Highlights

- The Lakeville Arenas' assets and deferred outflows of resources exceeded its liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$1,243,706 (net position). Of this amount, \$621,763 (unrestricted net position) may be used to meet the Organization's ongoing operations and obligations.
- As of December 31, 2022, the Lakeville Arenas' governmental funds reported combined ending fund balances of \$825,291. Of the total fund balance, \$15,075 is non-spendable and \$387,412 is assigned for future capital acquisitions and compensated absences; the remaining \$422,804 is unassigned.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Organization's basic financial statements. The Organization's basic financial statements are comprised of three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Government-wide Financial Statements. The government-wide financial statements are designed to provide readers with a broad overview of the Organization's finances, in a manner similar to a private-sector business.

The Statement of Net Position presents information on all the Organization's assets, deferred outflows of resources, liabilities, and deferred inflows of resources, with the difference reported as net position. Over time, increases and decreases in net position serve as a useful indicator of whether the Organization's financial position is improving or deteriorating.

The Statement of Activities presents information showing how the Organization's net position changed during the most recent fiscal year.

Fund Financial Statements. A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives.

Lakeville Arenas maintains two individual governmental funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures, and changes in fund balances for the General fund and the Capital Maintenance Reserve fund.

Notes to the Financial Statements. The Notes to the Financial Statements provide additional information that is essential to the full understanding of the data provided in the Organization's other basic financial statements.

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information concerning the Organization's progress in funding its obligation to provide pension benefits to its employees. Required supplementary information can be found starting on page 33 of this report.

**LAKEVILLE ARENAS
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2022**

Government Wide Financial Analysis

The assets and deferred outflows of resources of the Lakeville Arenas exceeded liabilities and deferred inflows of resources by \$1,243,706 at the close of the most recent fiscal year. Of this amount, \$621,763 (unrestricted net position) may be used to meet the ongoing operations and obligations of the Organization.

As of the end of the current fiscal year, the Organization's unrestricted net position was \$621,763, or 44.9 percent of total expenses of \$1,385,885.

Total assets as of December 31, 2022, were \$1,574,701 and comprised primarily of cash and investments (44.0 percent); accounts receivable, interest receivable and inventory (16.5 percent) and capital assets (39.5 percent). Deferred outflows of resources amounted to \$137,665.

Total liabilities as of December 31, 2022, amounted to \$453,430. Non-current liabilities due within one year and in more than one year amount to \$11,609 (2.6 percent) and \$314,354 (69.3 percent), respectively. Accounts payable, wages payable, sales tax payable and unearned income amounted to \$127,467 (28.1 percent). Deferred inflows of resources amounted to \$15,230.

Organization as a Whole – Government-Wide Financial Statements

The following is a condensed version of the statement of net position at December 31, 2022, with comparative information at December 31, 2021:

	2022	2021	Increase/ (Decrease)
Cash and cash equivalents	\$ 692,321	\$ 554,169	\$ 138,152
Other assets	260,437	213,550	46,887
Capital assets - net	621,943	693,672	(71,729)
Total assets	1,574,701	1,461,391	113,310
Deferred outflows of resources	137,665	88,934	48,731
Current liabilities	127,467	91,265	36,202
Non-Current Liabilities	325,963	118,397	207,566
Total liabilities	453,430	209,662	243,768
Deferred inflows of resources	15,230	130,593	(115,363)
Net position			
Investment in capital assets	621,943	693,672	(71,729)
Unrestricted	621,763	516,398	105,365
Total net position	\$ 1,243,706	\$ 1,210,070	\$ 33,636

**LAKEVILLE ARENAS
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2022**

A condensed version of the statement of activities for the year ended December 31, 2022 with comparative information from 2021 is shown below.

	2022	2021	Increase/ (Decrease)
Revenues			
Program revenues	\$ 1,419,552	\$ 1,115,438	\$ 304,114
Investment loss	(7,548)	(2,671)	(4,877)
Other revenue	7,517	265	7,252
Total revenues	<u>1,419,521</u>	<u>1,113,032</u>	<u>306,489</u>
Expenses			
Culture and recreation	1,385,885	1,051,474	334,411
Change in net position	33,636	61,558	(27,922)
Net position - beginning	1,210,070	1,148,512	61,558
Change in accounting principle	-	-	-
Net position - ending	<u>\$ 1,243,706</u>	<u>\$ 1,210,070</u>	<u>\$ 33,636</u>

Governmental Activities

Governmental activities for 2022 increased the Lakeville Arenas' net position by \$33,636.

Revenues

- Revenues were up this past year as the effects of the COVID-19 pandemic subsided and higher advertising revenue with the addition of an independent contractor to sell advertising space.
- Ice rentals amounted to \$1,090,016 in 2022, which is a \$124,284 increase from 2021. Ice rentals are 77.0 percent of total revenues.
- Learn-To-Skate revenues of \$85,253 increased \$12,192 (16.7 percent) from 2021.
- Public skating revenues of \$35,971 increased \$24,012 (200.8 percent) from 2021.
- Event admissions amounted to \$43,950 in 2022, which is a \$29,201 (198.0 percent) increase from 2021. Admissions were not collected in the shortened season from January to March 2021. Admissions were reinstated in the fall of 2021 which only covers a portion of November and all of December.
- Concession/pro shop sales amounted to \$75,021 in 2022, which is a \$64,661 (624.1 percent) increase from 2021. The COVID-19 pandemic kept the concession operations closed until the end of 2021 when the high school hockey season resumed.
- Dry-floor rental revenues were \$20,021 in 2022, which is a \$14,908 (291.6 percent) increase from 2021. Energy improvements at the Ames facility in 2021 reduced the availability of dry-floor activities.
- Advertising revenues were \$39,147 in 2022, which is a 33,474 (590.1 percent) increase from 2021. Contracts were cancelled and renegotiated at the very end of 2021 due to COVID-19 pandemic.

**LAKEVILLE ARENAS
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2022**

Expenses

- Personnel costs were \$490,128 which represents 40.4 percent of the total operating expenses. Total personnel costs increased 114,551 (30.5 percent) in 2022. The increase was due to a full year of vacant positions that were filled mid-year 2021 and increases in part-time staff with the facilities open at full capacity.
- Utility expenses (natural gas and electricity) total \$307,958 and represent 25.4 percent of the total operating expenses. Electrical costs increased in 2022 \$33,030 (18.4 percent). The increase is largely due to economic factors. Solar credits of \$37,396 were realized at the Ames and Hasse arenas from January to December. This is up \$14,940 over the 2021 credits. Natural gas costs were up \$38,950 or 68.5 percent. Both electrical and natural gas prices changed by the utility companies have been increasing steadily.
- Other charges and services (\$298,665) represent 24.6 percent of the total operating costs. This is a \$77,573 increase compared to 2021. Other charges and services increased from prior year due to commissions paid to an independent contractor to sell advertising space, cleaning services resuming in December 2021, concession staff fundraisers resuming in December 2021 and bank fees associated with adding additional methods of make payments. Maintenance costs for building and equipment continues to be a significant portion of the contractual expenses.
- The Hasse Arena construction was originally financed with a Lease Revenue Bond issued by the Lakeville Housing and Redevelopment Authority in 2006. The debt is repaid with property taxes levied by the City of Lakeville and Independent School District 194. The 2006 bonds were advance refunded by HRA Lease Revenue Refunding Bonds, Series 2016A. The HRA2016A debt was refunded in April 2022. On February 7, 2022, the City Council authorized the issuance of Taxable General Obligation Bonds, Series 2022B, to refund the HRA Lease Revenue Refunding Bonds, Series 2016A (noted above) and provide funding for constructing a new outdoor rink at the Hasse Arena. The sale of the bonds was held on March 7, 2022 and closed on April 5, 2022. True interest cost was 2.69 percent. The refunding resulted in savings of approximately \$130,000 over the term of the bonds. An amended and restated joint powers agreement to address the payment of the refunding portion of the 2022B bonds was approved by ISD#194 and the City of Lakeville in February 2022. Agreements have been approved with Lakeville Hockey Association (LHA) and Heritage Figure Skating Club (HFSC) for additional contributions to be used for debt repayment of the bonds issued for the new outdoor rink.
- The Ames arena parking lot expansion project was financed with a Tax Abatement Bond issued by the City of Lakeville. As such, the debt is included in the City of Lakeville Annual Comprehensive Financial Report not the Lakeville Arenas Annual Financial Report. The debt is being repaid with contributions from the Lakeville Hockey Association and the Heritage Figure Skating Club. A portion of the interest on the debt will be repaid by Lakeville Arenas. The final debt payment is February 1, 2031.
- An energy improvement project began in the fall of 2020 at both facilities which were completed in the fall of 2021. The project cost approximately \$7.9 million. The project was financed with a Tax Abatement Bond issued by the City of Lakeville in February 2021. As such, the debt is included in the City of Lakeville Annual Comprehensive Financial Report not the Lakeville Arenas Annual Financial Report. The debt is being repaid with energy savings realized at both facilities and property taxes levied by the City of Lakeville and Independent School District 194. The final debt payment is February 1, 2041.

Economic Factors and Next Year's Budget and Rates

**LAKEVILLE ARENAS
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2022**

The Lakeville Arenas is a joint powers organization created by the City of Lakeville and Independent School District 194. The Organization commenced operation of its two facilities in April 2005 – Ames Arena located at 19900 Ipava Avenue and Hasse Arena located at 8525 215th Street.

Other key economic factors are as follows:

- The projected 2023 ice rental hours are expected to be consistent with 2022 but are expected to rise significantly in 2024 due to the addition of a new outdoor pavilion rink at Hasse Arena that will be completed in 2023. In addition, a new ice plant is being installed, which will allow Hasse Arena to remain open year-round for ice sales compared to its current seasonal schedule when it is only open from September through March. The prime season rental rates will increase in October 2023 and the non-prime shoulder season rates will increase in April of 2024.
- The 2023 budget will be amended to account for higher inflationary costs that exceeded expectations when the 2023 budget was set. In addition, Lakeville Arenas will now be making a financial commitment in 2023 towards the debt service from the energy improvements renovation project now that there is sufficient data to determine energy savings. The construction of the new ice plant and outdoor rink was also not approved when the budget was set and will also have an impact on the original 2023 budget related to programming that has been postponed until after the construction is completed. Management will be monitoring the budget closely throughout the year to ensure that new year end goals and expectations are met.
- 2023 is expected to see continued better than anticipated revenue growth in concessions due to the renovation and new product offerings in the concessions stands and pro shops. Public admissions revenue is also expected to see significant increases in 2023 and 2024 due to the new ice club membership program implemented in late 2022. In 2024 the internal tournament programming that was postponed in 2023 due to construction will be implemented which will result in other significant revenue increases.
- The energy savings improvement project that was completed in 2021 has helped extend the life of the facility and reduce energy costs long term. The replacement of the Hasse ice plant in 2023 will also extend the life and use of the Hasse facility. Management continues to monitor and evaluate the remaining aging equipment and facilities, while searching for adequate funding sources and partners for the equipment and buildings in need. Major items of concern in the next five years include the roof, entrance and emergency exit doors, roof top heating and cooling units and water heater at Ames Arena. At the Hasse Arena major items of concern in the next five years include the water heater, roof top heating and cooling units, dehumidification unit, parking lot maintenance and failing dasher board.
- Management expects to see an increase in revenues for 2024 due to the completion of the outdoor rink, expanded off-season usage of the indoor rink at Hasse Arena, and internal tournament programming planned in 2024. 2023 revenue growth will be smaller due to the construction taking place in 2023. Expansion of revenues will help Lakeville Arenas improve the facilities amenities and offerings for users and keep ice rates competitive with surrounding communities.

Requests for Information

This financial report is designed to provide a general overview of the Lakeville Arenas' results of operations. Questions concerning any information provided in this report or requests for additional financial information should be addressed to Judy Keliher, Board Chair, Lakeville Arenas, 20195 Holyoke Avenue, Lakeville, Minnesota 55044.

BASIC FINANCIAL STATEMENTS

LAKEVILLE ARENAS
STATEMENT OF NET POSITION
DECEMBER 31, 2022

	Governmental Activities
ASSETS	
Cash and cash equivalents	\$ 692,321
Interest receivable	1,869
Accounts receivable net of allowance for uncollectible accounts	243,493
Inventory	15,075
Capital assets, net of accumulated depreciation	
Building improvements	372,568
Equipment	249,375
Total assets	<u>1,574,701</u>
DEFERRED OUTFLOWS OF RESOURCES	
Deferred pension resources	<u>137,665</u>
LIABILITIES	
Accounts payable	77,183
Wages payable	10,226
Sales tax payable	3,542
Unearned income	36,516
Non-current liabilities	
Due within one year - Compensated absences	11,609
Due in more than one year - Compensated absences	13,393
Due in more than one year - Net pension liability	300,961
Total liabilities	<u>453,430</u>
DEFERRED INFLOWS OF RESOURCES	
Deferred pension resources	<u>15,230</u>
NET POSITION	
Investment in capital assets	621,943
Unrestricted	<u>621,763</u>
Total net position	<u><u>\$ 1,243,706</u></u>

**LAKEVILLE ARENAS
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2022**

Functions/Programs	Expenses	Program Revenues		Net (Expense) Revenue and Changes in Net Position
		Charges for Services	Operating Grants and Contributions	Governmental Activities
Governmental activities				
Culture and recreation	\$ 1,385,885	\$ 1,419,552	\$ -	\$ 33,667
General revenues:				
				(7,548)
				7,517
				(31)
				33,636
				1,210,070
				\$ 1,243,706

LAKEVILLE ARENAS
BALANCE SHEET – GOVERNMENTAL FUNDS
DECEMBER 31, 2022

	General Fund	Capital Maintenance Reserve Fund	Total Governmental Funds
ASSETS			
Cash and cash equivalents	\$ 330,738	\$ 361,583	\$ 692,321
Interest receivable	1,042	827	1,869
Accounts receivable net of allowance for uncollectible accounts	243,493	-	243,493
Inventory	15,075	-	15,075
Total assets	<u>\$ 590,348</u>	<u>\$ 362,410</u>	<u>\$ 952,758</u>
LIABILITIES			
Accounts payable	\$ 77,183	\$ -	\$ 77,183
Wages payable	10,226	-	10,226
Sales tax payable	3,542	-	3,542
Unearned income	36,516	-	36,516
Total liabilities	<u>127,467</u>	<u>-</u>	<u>127,467</u>
FUND BALANCES			
Non-spendable for inventory	15,075	-	15,075
Assigned for future capital acquisition	-	362,410	362,410
Assigned for compensated absences	25,002	-	25,002
Unassigned	422,804	-	422,804
Total fund balances	<u>462,881</u>	<u>362,410</u>	<u>825,291</u>
Total liabilities and fund balances	<u>\$ 590,348</u>	<u>\$ 362,410</u>	<u>\$ 952,758</u>

**LAKEVILLE ARENAS
RECONCILIATION OF THE BALANCE SHEET OF GOVERNMENTAL FUNDS
TO THE STATEMENT OF NET POSITION
DECEMBER 31, 2022**

Amounts reported for governmental activities in the statement of net position are different because:

Total fund balances - governmental funds	\$ 825,291
1. Capital assets used in governmental activities are not financial resources and, therefore, not reported in the governmental funds.	
Capital assets	1,300,410
Less accumulated depreciation	(678,467)
2. Long term liabilities are not payable with current financial resources and therefore are not reported in the governmental funds.	
Net pension liability	(300,961)
3. Accrued compensated absences are not payable with current financial resources and therefore are not reported in the governmental funds.	(25,002)
4. Governmental funds do not report long-term amounts related to pensions.	
Deferred outflows of pension resources	137,665
Deferred inflows of pension resources	<u>(15,230)</u>
Net position of governmental activities	<u><u>\$ 1,243,706</u></u>

LAKEVILLE ARENAS
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN
FUND BALANCES – GOVERNMENTAL FUNDS
FOR THE YEAR ENDED DECEMBER 31, 2022

	General Fund	Capital Maintenance Reserve Fund	Total Governmental Funds
<u>REVENUES</u>			
Charges for services	\$ 1,419,552	\$ -	\$ 1,419,552
Investment income/(loss)	(11,485)	3,937	(7,548)
Other income	6,202	-	6,202
Total revenues	<u>1,414,269</u>	<u>3,937</u>	<u>1,418,206</u>
<u>EXPENDITURES</u>			
Current			
Culture and recreation			
Personnel	490,128	-	490,128
Commodities	88,203	-	88,203
Other charges and services	298,665	-	298,665
Utilities	307,958	-	307,958
Other expense	27,272	-	27,272
Capital outlay	1,125	41,893	43,018
Total expenditures	<u>1,213,351</u>	<u>41,893</u>	<u>1,255,244</u>
EXCESS (DEFICIENCY) OF			
REVENUES OVER EXPENDITURES	200,918	(37,956)	162,962
OTHER FINANCING SOURCES (USES)			
Parking lot contribution to City of Lakeville	(14,125)	-	(14,125)
Transfers (to) from other funds	(140,000)	140,000	-
CHANGE IN FUND BALANCES	46,793	102,044	148,837
FUND BALANCES, BEGINNING OF YEAR	<u>416,088</u>	<u>260,366</u>	<u>676,454</u>
FUND BALANCES, END OF YEAR	<u><u>\$ 462,881</u></u>	<u><u>\$ 362,410</u></u>	<u><u>\$ 825,291</u></u>

LAKEVILLE ARENAS
RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES INFUND BALANCES OF GOVERNMENTAL FUNDS TO THE
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2022

Amounts reported for governmental activities in the statement of net position are different because:

Total net change in fund balances - governmental funds (modified accrual amount)	\$	148,837
1. Capital outlays are reported as expenditures in governmental funds. However, in the statement of activities the cost of capital assets is allocated over their useful lives as depreciation expense.		
In the current period these amounts are:		
Capital outlay		58,322
Depreciation expense		(130,051)
3. Accrued compensated absences are not payable with current financial resources and therefore are not reported in the governmental funds.		
Accrued compensated absences		(13,365)
4. Long-term pension activity is not reported in governmental funds.		
Pension revenue		1,315
Pension expense		(31,422)
Changes in net position - governmental activities	\$	<u>33,636</u>

NOTES TO FINANCIAL STATEMENTS

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of Lakeville Arenas (“the Organization”) conform to generally accepted accounting principles applicable to governmental units as promulgated by the American Institute of Certified Public Accountants (“AICPA”) and the Governmental Accounting Standards Board (“GASB”). The following is a summary of the significant accounting policies.

A. REPORTING ENTITY

Lakeville Arenas was created under a joint powers agreement between the City of Lakeville (“City”) and Independent School District No. 194 (“ISD 194”), pursuant to Minnesota Statutes §471.59 for the purpose of managing and operating Ames and Hasse Arenas. Lakeville Arenas commenced operations on April 1, 2005. Entities established by joint powers agreements are considered governmental units and as such are exempt from federal and state income taxes.

The Board consists of five regular members, two each from the City and ISD 194 and one member from the community at large appointed by the other four regular members.

Lakeville Arenas has considered all potential units for which it is financially accountable, and other organizations for which the nature and significance of their relationship with the Organization are such that exclusion would cause the Organization’s financial statements to be misleading or incomplete. The Governmental Accounting Standards Board (GASB) has set forth criteria to be considered in determining financial accountability. These criteria include appointing a voting majority of an organization’s governing body, and (1) the ability of the primary government to impose its will on that organization or (2) the potential for the organization to provide specific benefits to, or impose specific financial burdens on, the primary government. Lakeville Arenas has no component units.

B. GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS

The goal of government-wide financial statements is to present a broad overview of the Organization’s finances. The basic statements that form the government-wide financial statements are the statement of net position and the statement of activities. The two statements report information on all the non-fiduciary activities of the Organization. For the most part, the effect of interfund activity has been removed from these statements.

The statement of activities reports gross direct expenses by function reduced by program revenues. This results in a measurement of net revenue or expense for each of the Organization’s activities. Direct expenses are those that are clearly identifiable with a specific function. Program revenues are directly associated with the function and include 1) charges for services and 2) operating or capital grants and contributions that are restricted to a particular function. Other items not properly included among program revenues are reported instead as general revenues.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Major individual governmental funds are reported as separate columns in the fund financial statements.

Lakeville Arenas reports two separate funds. Both funds are considered major governmental funds.

- General fund - The General fund is the general operating fund of the Lakeville Arenas. It is used to account for all financial resources except those required to be accounted for in another fund.
- Capital Maintenance Reserve fund - The Capital Maintenance Reserve fund is used to account for future capital acquisitions and other capital improvements.

C. MEASUREMENT FOCUS, BASIS OF ACCOUNTING AND FINANCIAL STATEMENT PRESENTATION

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Ice rental income is recognized as revenue when earned.

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the Organization considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures are recorded when a liability is incurred as under accrual accounting. Debt service expenditures are recorded only when payment is due.

Amounts reported as program revenues include the following: amounts received from those who purchase, use or directly benefit from a program; amounts received from parties outside Lakeville Arenas that are restricted to one or more specific programs; and earnings on investments that are legally restricted for a specific program. Revenues that do not meet the previous criteria are reported as general revenues.

Revenue resulting from exchange transactions, in which each party gives and receives essentially equal value, is recorded on the accrual basis when the exchange takes place. On a modified accrual basis, revenue is recorded in the year in which the resources are measurable and become available.

Non-exchange transactions, in which the Organization receives value without directly giving equal value in return, includes grants, entitlement and donations. Eligibility requirements include timing requirements, which specify the year when the resources are required to be used or the year when use is first permitted, matching requirements, in which the Organization must provide local resources to be used for a specified purpose, and expenditure requirements, in which the resources are provided to the Organization on a reimbursement basis. On a modified accrual basis, revenue from non-exchange transactions must also be available before it can be recognized.

Unearned revenue arises when assets are recognized before revenue recognition criteria have been satisfied. Grants and entitlements received before eligibility requirements are met are also recorded as unearned revenue.

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

D. BUDGETS AND BUDGETARY ACCOUNTING

The Lakeville Arenas Board has full authority over the financial affairs of the Organization. The Board adopts an annual budget for the Organization. During the budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as ‘Budget’ represent the original and final budgeted amounts. The Organization prepares its budget on a basis consistent with accounting principles generally accepted in the United States of America. All budgeting appropriations lapse at year-end.

The legal level of budgetary control is at the fund level for the General fund and the Capital Maintenance Reserve fund.

Any changes in the budget must be approved by a majority vote of the Board. The Board approved amendments to the budget during the year to more closely reflect actual revenues and expenses.

An energy improvement project began in the fall of 2020 at both facilities which is financed with a Tax Abatement Bond issued by the City of Lakeville in February 2021. The debt is being repaid with the energy savings realized at both facilities in addition to property taxes levied by the City of Lakeville and Independent School District 194. The agreement with APEX included a guaranteed utility savings of \$63,460 each year for the term of the agreement. Due to timing of the calculation of the energy savings, the 2022 utility expenses were budgeted exclusive of the savings and a credit included for the guaranteed savings amount. The payment to the City which is budgeted under other financing uses – contribution to City of Lakeville will be issued in 2023 instead of 2022 as originally expected; therefore, actual expenditures are greater than budget, but offset with no payment issued in 2022.

E. DEPOSITS

The Organization's cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with original maturities of three months or less from the date of acquisition.

Cash balances from all funds are combined and invested to the extent available in certificates of deposit, commercial paper, U.S. Government securities, and other securities authorized by the State of Minnesota. Earnings from such investments are allocated to the respective funds on the basis of applicable cash balance participation by each fund.

F. ACCOUNTS RECEIVABLE

Accounts receivable for the Organization’s governmental funds are stated at net realizable value. Revenues are recognized at the time the facility is rented regardless of when payment is made. At December 31, 2022, accounts receivable amounted to \$250,505 less \$7,012 for an allowance for uncollectible accounts.

G. INVENTORY

The inventory in the General fund is stated at the lower of cost or market and consists of inventories held for resale. The cost is recognized as an expenditure at the time the individual inventory items are sold.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

H. CAPITAL ASSETS

Capital assets which include building improvements and equipment are recorded at historical cost where historical records are available and at an estimated historical cost where no historical records exist. Donated capital assets are valued at their acquisition value on the date received. A capitalization threshold for financial reporting purposes has been established for assets that exceed \$2,500.

Depreciation has been provided using the straight-line method over the estimated useful lives of the assets. The estimated useful lives are 4 to 10 years for equipment and 3 to 10 years for building improvements.

I. DEFERRED OUTFLOWS OF RESOURCES

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Organization has only one item that qualifies for reporting in this category. Accordingly, the item, deferred pension resources, is reported only in the statements of net position. This item results from actuarial calculations and current year pension contributions made subsequent to the measurement date.

J. COMPENSATED ABSENCES

Compensated absences consist of unused paid time off (“PTO”). PTO is accrued bi-weekly on an hourly basis and the maximum amount of PTO that can be accrued and carried over to the next year by each employee is limited to twice the annual accrual amount as of December 15th. The General fund is typically used to liquidate governmental fund compensated absences.

K. PENSIONS

For purposes of measuring the net pension liability, deferred outflows/inflows of resources, and pension expense, information about the fiduciary net position of the Public Employees Retirement Association (PERA) and additions to/deductions from PERA’s fiduciary net position have been determined on the same basis as they are reported by PERA except that PERA’s fiscal year end is June 30. For this purpose, plan contributions are recognized as of employer payroll paid dates and benefit payments and refunds are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value. The General fund is typically used to liquidate the government net pension liability.

The Arena participates in various pension plans, total pension expense for the year ended December 31, 2022 was \$54,306. The components of pension expense are noted in the plan summaries in Note 5.

L. NET OTHER POST EMPLOYMENT BENEFITS (OPEB) OBLIGATION

In accordance with the provisions of GASB Statement No. 75, *Accounting and financial Reporting by Employers for Post-employment Benefits Other Than Pensions*, an actuarial valuation is not required to be computed when an organization has fewer than 100 participating members. The organization has three members participating in the plan. As such, the “Alternative Measurement Method” is used to estimate the actuarial accrued liability and the annual required contributions. As of December 31, 2022, the liability was determined to be zero.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

M. DEFERRED INFLOWS OF RESOURCES

In addition to liabilities, the statement of net position and fund financial statements will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Organization has only one item that qualifies reporting in this category. Accordingly, the item, deferred pension resources, is reported only in the statements of net position. This item results from actuarial calculations and current year pension contributions made subsequent to the measurement date.

N. FUND BALANCES

In the fund financial statements, governmental funds report fund balance in classifications that disclose constraints for which amounts in those funds can be spent. These classifications are as follows:

Non-spendable – consists of amounts that are not in spendable form, such as prepaid items and inventories.

Restricted – consists of amounts related to externally imposed constraints established by creditors, grantors or contributors; or constraints imposed by state statutory provisions.

Committed – consists of internally imposed constraints. These constraints are established by Resolution of the Board.

Assigned – consists of internally imposed constraints. These constraints reflect the specific purpose for which it is the Organization's intended use. These constraints are established by the Board. Pursuant to Board Resolution, the Organization's Fiscal Agent is authorized to establish assignments of fund balance.

Unassigned – is the residual classification for the general fund and also reflects negative residual amounts in other funds.

When both restricted and unrestricted (committed, assigned or unassigned) resources are available for use, it is the Organization's policy to first use restricted resources, and then use unrestricted resources as they are needed.

When committed, assigned or unassigned resources are available for use, it is the Organization's policy to use resources in the following order: 1) committed 2) assigned and 3) unassigned.

A negative residual amount may not be reported for restricted, committed, or assigned fund balances in the General fund.

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

O. NET POSITION

Net position represents the difference between assets and deferred outflows of resources and liabilities and deferred inflows of resources. Net position is displayed in three components:

- a. Investment in capital assets - Consists of capital assets, net of accumulated depreciation reduced by any outstanding debt attributable to acquire capital assets.
- b. Restricted net position - Consists of net position restricted when there are limitations imposed on their use through external restrictions imposed by creditors, grantors, laws or regulations of other governments.
- c. Unrestricted net position - All other net positions that do not meet the definition of “restricted” or “investment in capital assets.”

P. USE OF ESTIMATES

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Q. INTERFUND ELIMINATIONS

Interfund eliminations have been made in the governmental type activities of the government-wide statement columns in accordance with generally accepted accounting principles.

NOTE 2 - DEPOSITS AND INVESTMENTS

Cash and investments for the Organization as of December 31, 2022 consisted of the following:

Cash on hand	\$ 2,000
Cash at bank	4,252
Money market	162,863
Certificates of deposit	523,206
	<u>\$ 692,321</u>

Custodial credit risk is the risk that in the event of a bank failure, the government’s deposits may not be returned to the Organization. State statutes require that federal deposit insurance, surety bonds, or collateral protect the Organization’s deposits. The market value of the collateral pledge must equal 110 percent of the deposits not covered by insurance or bonds. As of December 31, 2022, the carrying amount and the bank balance of the Organization’s deposits was \$4,252 and covered by federal depository insurance.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 2 – DEPOSITS AND INVESTMENTS (continued)

Minnesota statutes require that all City deposits be protected by insurance, surety bond or collateral. The market value of collateral pledged must equal 110 percent of the deposits not covered by insurance or bonds, with the exception of irrevocable standby letters of credit issued by Federal Home Loan Banks as this type of collateral only requires collateral pledged equal to 100 percent of the deposits not covered by insurance or bonds.

The Organization's investment policy does not place any further limitations beyond the state statute requirements. Minnesota Statutes authorize the Organization to invest in the following:

- 1) Direct obligations or obligations guaranteed by the United States or its agencies.
- 2) Shares of investment companies registered under the Federal Investment Company Act of 1940 and received the highest credit rating, rated in one of the two highest rating categories by a statistical rating agency, and have a final maturity of thirteen months or less.
- 3) General obligations of a state or local government with taxing powers rated "A" or better; revenue obligations rated "AA" or better.
- 4) Obligation of a school district with an original maturity not exceeding 13 months and (i) rated in the highest category by a national bond rating service or (ii) enrolled in the credit enhancement program pursuant to statute section 126C.55.
- 5) General obligations of the Minnesota Housing Finance Agency rated "A" or better.
- 6) Bankers' acceptances of United States banks eligible for purchase by the Federal Reserve System.
- 7) Commercial paper issued by United States banks corporations or their Canadian subsidiaries, of highest quality category by at least two nationally recognized rating agencies and maturing in 270 days or less.
- 8) Repurchase or reverse repurchase agreements and securities lending agreements with financial institutions qualified as a "depository" by the government entity, with banks that are members of the Federal Reserve System with capitalization exceeding \$10,000,000, a primary reporting dealer in U.S. government securities to the Federal Reserve Bank of New York, or certain Minnesota securities broker-dealers.
- 9) Guaranteed investment contracts (GIC's) issued or guaranteed by a United States commercial bank, a domestic branch of a foreign bank, a United States insurance company, or its Canadian subsidiary, whose similar debt obligations were rated in one of the top two rating categories by a nationally recognized rating agency.

Investment and dividend income are recognized as revenue when earned.

Concentration risk is the risk associated with investing a significant portion of the Organization's investments (considered five percent or more) in the securities of a single issuer, excluding U.S. guaranteed investments (such as treasuries), investment pools, and mutual funds.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 2 – DEPOSITS AND INVESTMENTS (continued)

As of December 31, 2022, the Organization’s investment portfolio includes the following securities of single issuers exceeding five percent:

Minnesota Municipal Money Market	23.74 percent
Luana Savings Bank, Luana IA	17.40 percent
Barclays Bank, Wilmington DE	7.30 percent
Truist Bank, Charlotte NC	7.29 percent
P Morgan Chase Bank	7.23 percent
Morgan Stanley Bank	7.23 percent
Ally Bank, Miklvale UT	5.82 percent
BMO Bank Harris, N.A	5.78 percent
Ally Bank, Sandy UT	5.72 percent
Transportation Alliance Bank	5.66 percent

The Organization categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The Organization’s recurring fair value measurements are listed in detail below and are valued using quoted market prices (Level 1 inputs.)

Types of Investments	Credit Quality/ Ratings	Segmented Time Distribution	12/31/2022	Fair Value Measurement Using		
				Level 1	Level 2	Level 3
Pooled investments at amortized costs						
Broker Money Market Funds	N/A	Under 1 year	\$ 162,863	\$ -	\$ -	\$ -
Non-pooled investments at fair value						
Brokered Certificates of Deposit	N/A	Under 1 year	341,869	-	341,869	-
Brokered Certificates of Deposit	N/A	1 to 5 years	181,337	-	181,337	-
Total investments			\$ 686,069	\$ -	\$ 523,206	\$ -

The Organization has the following recurring fair value measurements as of December 31, 2022:

- Brokered certificates of deposit of \$523,206 are valued using quoted market prices (Level 2 inputs).

NOTE 3 - INTERFUND TRANSFERS

An interfund transfer in the amount of \$140,000 was made from the General fund to the Capital Maintenance Reserve fund. This transfer is made annually and finances future capital acquisitions and building improvements.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 4 - CAPITAL ASSETS

	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>
Governmental activities				
Capital assets, being depreciated				
Building improvements	\$ 734,316	\$ 9,900	\$ -	\$ 744,216
Equipment	<u>510,722</u>	<u>48,422</u>	<u>(2,950)</u>	<u>556,194</u>
Total assets being depreciated	<u>1,245,038</u>	<u>58,322</u>	<u>(2,950)</u>	<u>1,300,410</u>
Less accumulated depreciation				
Building improvements	(284,635)	(87,013)	-	(371,648)
Equipment	<u>(266,731)</u>	<u>(43,038)</u>	<u>2,950</u>	<u>(306,819)</u>
Total accumulated depreciation	<u>(551,366)</u>	<u>(130,051)</u>	<u>2,950</u>	<u>(678,467)</u>
Total capital assets, being depreciated, net	<u>\$ 693,672</u>	<u>\$ (71,729)</u>	<u>\$ -</u>	<u>\$ 621,943</u>
Depreciation was charged to the Organization's functions as follows:				
Culture and recreation			<u>\$ 130,051</u>	

NOTE 5 - DEFINED BENEFIT PENSION PLANS – STATEWIDE

A. Plan Description

The Organization participates in the following cost-sharing multiple-employer defined benefit pension plans administered by the Public Employees Retirement Association of Minnesota (PERA). PERA's defined benefit pension plans are established and administered in accordance with Minnesota statutes, chapters 353 and 356. PERA's defined benefit pension plans are tax qualified plans under Section 401(a) of the Internal Revenue Code.

General Employees Retirement Plan (GERP)

All full-time and certain part-time employees of the City are covered by the General Employees Plan. General Employees Plan members belong to the Coordinated Plan. Coordinated Plan members are covered by Social Security.

B. Benefits Provided

PERA provides retirement, disability and death benefits. Benefit provisions are established by state statute and can only be modified by the state Legislature. Vested, terminated employees who are entitled to benefits but are not receiving them yet are bound by the provisions in effect at the time they last terminated their public service.

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 5 – DEFINED BENEFIT PENSION PLANS - STATEWIDE (continued)

General Employees Plan Benefits

General Employees Plan benefits are based on a member's highest average salary for any five successive years of allowable service, age, and years of credit at termination of service. Two methods are used to compute benefits for PERA's Coordinated Plan members. Members hired prior to July 1, 1989, receive the higher of Method 1 or Method 2 formulas. Only Method 2 is used for members hired after June 30, 1989. Under Method 1, the accrual rate for Coordinated members is 1.2 percent of average salary for each of the first 10 years of service and 1.7 percent of average salary for each additional year. Under Method 2, the accrual rate for Coordinated members is 1.7 percent for average salary for all years of service. For members hired prior to July 1, 1989 a full annuity is available when age plus years of service equal 90 and normal retirement age is 65. For members hired on or after July 1, 1989 normal retirement age is the age for unreduced Social Security benefits capped at 66.

Benefit increases are provided to benefit recipients each January. Beginning in 2019, the postretirement increase is equal to 50 percent of the cost-of-living adjustment (COLA) announced by the SSA, with a minimum increase of at least 1 percent and a maximum of 1.5 percent. Recipients that have been receiving the annuity or benefit for at least a full year as of the June 30 before the effective date of the increase will receive the full increase. For recipients receiving the annuity or benefit for at least one month but less than a full year as of the June 30 before the effective date of the increase will receive a reduced prorated increase. For members retiring on January 1, 2024, or later, the increase will be delayed until normal retirement age (age 65 if hired prior to July 1, 1989, or age 66 for individuals hired on or after July 1, 1989). Members retiring under Rule of 90 are exempt from the delay to normal retirement.

C. Contributions

Minnesota statutes chapter 353 sets the rates for employer and employee contributions. Contribution rates can only be modified by the state Legislature.

General Employees Fund Contributions

Coordinated Plan members were required to contribute 6.50 percent of their annual covered salary in fiscal year 2022 and the Organization was required to contribute 7.50 percent for Coordinated Plan members. The Organization's contributions to the General Employees Fund for the year ending December 31, 2022, 2021, and 2020, were \$22,885, \$17,491, and \$14,802, respectively. The Organization's contributions were equal to the contractually required contributions for each year as set by state statute.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 5 – DEFINED BENEFIT PENSION PLANS - STATEWIDE (continued)

D. Pension costs

General Employees Fund Pension Costs

At December 31, 2022, the Organization reported a liability of \$300,961 for its proportionate share of the General Employees Fund's net pension liability. The Organization's net pension liability reflected a reduction due to the State of Minnesota's contribution of \$16 million. The State of Minnesota is considered a non-employer contributing entity and the state's contribution meets the definition of a special funding situation. The State of Minnesota's proportionate share of the net pension liability associated with the Organization totaled \$8,798. The net pension liability was measured as of June 30, 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The Organization's proportion of the net pension liability was based on the Organization's contributions received by PERA during the measurement period for employer payroll paid dates from July 1, 2021 through June 30, 2022 relative to the total employer contributions received from all of PERA's participating employers. The Organization's proportion was 0.0038 percent which was an increase of 0.0013 percent from its proportion measured as of June 30, 2021.

Organization's proportionate share of the net pension liability	\$ 300,961
State of Minnesota's proportionate share of the net pension liability associated with the City	<u>8,798</u>
Total	<u><u>\$ 309,759</u></u>

For the year ended December 31, 2022, the Organization recognized pension expense of \$52,991 for its proportionate share of General Employees Plan's pension expense. In addition, the Organization recognized \$1,315 as pension expense (and grant revenue) for its proportionate share of the State of Minnesota's contribution of \$16 million to the General Employees Fund.

At December 31, 2022, the Organization reported its proportionate share of the General Employees Plan's deferred outflows of resources and deferred inflows of resources, related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual economic experience	\$ 2,514	\$ 2,176
Changes in actuarial assumptions	45,515	1,063
Net difference between projected and actual earnings on plan	43,033	-
Changes in proportion	33,962	11,991
Contributions paid to PERA subsequent to the measurement date	<u>12,641</u>	<u>-</u>
Total	<u><u>\$ 137,665</u></u>	<u><u>\$ 15,230</u></u>

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 5 – DEFINED BENEFIT PENSION PLANS - STATEWIDE (continued)

The \$12,641 reported as deferred outflows of resources related to pensions resulting from the Organization's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended December 31, 2023. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended December 31:	Pension Expense Amount
2023	\$ 36,106
2024	42,948
2025	3,523
2026	27,217

E. Actuarial assumptions

The total pension liability in the June 30, 2022, actuarial valuation was determined using an individual entry-age normal actuarial cost method. The long-term rate of return on pension plan investments used in the determination of the total liability is 6.5 percent. This assumption is based on a review of inflation and investments return assumptions from a number of national investment consulting firms. The review provided a range of return investment return rates deemed to be reasonable by the actuary. An investment return of 6.5 percent was deemed to be within that range of reasonableness for financial reporting purposes.

Inflation is assumed to be 2.25 percent for the General Employees Plan. Benefit increases after retirement are assumed to be 1.25 percent for the General Employees Plan.

Salary growth assumptions in the General Employees Plan range in annual increments from 10.25 percent after one year of service to 3.0 percent after 27 years of service. Mortality rates for the General Employees Plan are based on the Pub-2010 General Employee Mortality Table.

Actuarial assumptions used in the June 30, 2022 valuation were based on the results of actuarial experience studies. The most recent four-year experience study in the General Employees Plan was completed in 2019. The assumption changes were adopted by the Board and become effective with the July 1, 2020 actuarial valuation. recommended assumptions for that plan were adopted by the Board and will be effective with the July 1, 2021 actuarial valuations if approved by the

The following changes in actuarial assumptions and plan provisions occurred in 2022:

General Employees Fund

Changes in Actuarial Assumptions:

The mortality improvement scale was changed from Scale MP-2020 to Scale MP-2021

Changes in Plan Provisions:

There were no changes in plan provisions since the previous valuation.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 5 – DEFINED BENEFIT PENSION PLANS - STATEWIDE (continued)

The State Board of Investment, which manages the investments of PERA, prepares an analysis of the reasonableness on a regular basis of the long-term expected rate of return using a building-block method in which best-estimate ranges of expected future rates of return are developed for each major asset class. These ranges are combined to produce an expected long-term rate of return by weighting the expected future rates of return by the target asset allocation percentages. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Domestic Equity	33.50%	5.10%
Alternative Assets (Private Markets)	25.00%	5.90%
Bonds (Fixed Income)	25.00%	0.75%
International Equity	16.50%	5.30%
Total	100.00%	

F. Discount rate

The discount rate used to measure the total pension liability was 6.5 percent. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and employers will be made at rates set in Minnesota Statutes. Based on these assumptions, the fiduciary net position of the General Employees Fund was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

G. Pension liability sensitivity

The following presents the Organization's proportionate share of the net pension liability for all plans it participates in, calculated using the discount rate disclosed in the preceding paragraph, as well as what the Organization's proportionate share of the net pension liability would be if it were calculated using a discount rate one percentage point lower or one percentage point higher than the current discount rate:

	1% Decrease in Discount Rate (5.5%)	Discount Rate (6.5%)	1% Increase in Discount Rate (7.5%)
General Employees Fund	\$ 475,384	\$ 300,961	\$ 157,908

H. Pension plan fiduciary net position

Detailed information about each pension plan's fiduciary net position is available in a separately issued PERA financial report that includes financial statements and required supplementary information. That report may be obtained on the Internet at www.mnpera.org.

**LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022**

NOTE 6 - RISK MANAGEMENT

The Organization is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees and natural disasters.

Workers' compensation coverage is provided through a pooled self-insurance program through the League of Minnesota Cities Insurance Trust ("LMCIT"). The Organization pays an annual premium to LMCIT. The Organization is subject to supplemental assessments if deemed necessary by the LMCIT. The LMCIT reinsures through Workers' Compensation Reinsurance Association ("WCRA") as required by law. For workers' compensation, the Organization is not subject to a deductible. The Organization's workers' compensation coverage is retrospectively rated. With this type of coverage, final premiums are determined after loss experience is known. The amount of premium adjustment, if any, is considered immaterial and not recorded until received or paid.

Property and casualty insurance coverage is provided through a pooled self-insurance program through the LMCIT. The Organization pays an annual premium to the LMCIT. The Organization is subject to supplemental assessments if deemed necessary by the LMCIT. The LMCIT reinsures through commercial companies for claims in excess various amounts.

Liabilities are reported when it is probable that a loss has occurred, and the amount of the loss can be reasonably estimated. Liabilities, if any, include an amount for claims that have been incurred but not reported. The Organization's management is not aware of any incurred but not reported claims. The Organization continues to carry commercial insurance for all other risks of loss, including employee health and disability insurance.

There were no significant reductions in insurance from the previous year or settlements in excess of insurance coverage for any of the past three fiscal years.

NOTE 7 - OUTSTANDING COMMITMENTS

The Organization has agreed to help pay a portion of the interest cost on the debt for the parking lot improvements at the Ames facility. This commitment is not a binding agreement and therefore is not considered a long-term liability for the Organization.

The City of Lakeville approved a guaranteed energy savings agreement with APEX on April 6, 2020 and approved the notice to proceed provision for the construction portion on August 17, 2020. In August 2020, the City and Independent School District #194 (ISD#194) approved a joint powers agreement (JPA) which provided that the debt and debt-related costs would be paid 50/50 by the City and ISD#194. The City issued \$7,770,000 of General Obligation Tax Abatement Bonds, Series 2021A on February 16, 2021, to finance the energy saving improvements. The agreement with APEX included a guaranteed utility savings of \$63,460 each year for the term of the agreement. The payment for the savings from 2022 will be made in 2023.

LAKEVILLE ARENAS
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022

NOTE 8 - LONG TERM DEBT

The accrued liability for compensated absences is recorded as a liability in the Governmental Fund. Unused personal time off is recorded as a liability in these financial statements. The General fund has typically been used to liquidate the compensated absences payable obligation.

During the year ended December 31, 2022 the following changes occurred in non-current liabilities:

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Deletions</u>	<u>Ending Balance</u>	<u>Due Within One Year</u>
<u>Governmental Activities</u>					
Accrued compensated absences	<u>\$ 11,636</u>	<u>\$ 17,275</u>	<u>\$ (3,909)</u>	<u>\$ 25,002</u>	<u>\$ 11,609</u>

III. REQUIRED SUPPLEMENTARY INFORMATION

LAKEVILLE ARENAS
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES –
GENERAL FUND - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2022
(WITH 2021 ACTUAL AMOUNTS FOR COMPARISON PURPOSES)

	2022				
	Budget		Actual	Variance with Final Budget	2021 Actual
	As Originally Adopted	Final Budget			
Revenues					
Charges for services					
Ice rental	\$ 1,007,610	\$ 1,083,716	\$ 1,090,016	\$ 6,300	\$ 965,732
Dry-floor rental	17,870	19,378	20,021	643	5,113
Learn to skate	63,612	79,507	85,253	5,746	73,061
Admissions-public skating	24,539	39,922	35,971	(3,951)	11,959
Arena Programming	-	18,242	17,996	(246)	-
Event admissions (net)	37,241	46,193	43,950	(2,243)	14,749
Concession/Proshop sales (net)	26,118	81,218	75,021	(6,197)	10,360
Skate sharpening	5,964	5,477	5,283	(194)	637
Skate rental	9,100	5,333	5,217	(116)	2,808
Vending machines	6,376	1,122	1,677	555	881
Advertising contracts	20,000	30,708	39,147	8,439	5,673
Total charges for services	<u>1,218,430</u>	<u>1,410,816</u>	<u>1,419,552</u>	<u>8,736</u>	<u>1,090,973</u>
Other income					
Investment income	10,000	3,917	4,317	400	2,721
Increase/decrease in fair market value adjustment	-	(19,727)	(15,802)	3,925	(7,537)
Miscellaneous	2,000	7,962	6,202	(1,760)	24,465
Total revenues	<u>1,230,430</u>	<u>1,402,968</u>	<u>1,414,269</u>	<u>11,301</u>	<u>1,110,622</u>
Expenditures					
Culture and recreation					
Personnel services					
Salaries full-time	214,399	250,870	250,056	814	155,819
Salaries part-time	130,672	144,377	141,394	2,983	153,135
PERA	16,080	22,091	23,986	(1,895)	17,635
FICA	26,398	29,063	29,912	(849)	23,625
Employee Insurance	-	-	-	-	-
Hospitalization	33,366	22,378	20,484	1,894	16,874
Life and disability	968	598	595	3	451
FSA Plan	-	71	93	(22)	-
Dental insurance	1,791	1,548	1,294	254	1,345
Workers compensation	10,998	11,446	11,846	(400)	6,693
Unemployment compensation	-	10,468	10,468	-	-
Salaries Contingency	11,956	-	-	-	-
Total personnel services	<u>446,628</u>	<u>492,910</u>	<u>490,128</u>	<u>2,782</u>	<u>375,577</u>

(continued)

LAKEVILLE ARENAS
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES –
GENERAL FUND - BUDGET TO ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2022

	2022				
	Budget As Originally Adopted	Final Budget	Actual	Variance with Final Budget	2021 Actual
Commodities					
Office supplies	700	3,640	3,732	(92)	3,716
Operating supplies	9,000	32,327	31,460	867	19,958
Motor fuels	455	951	872	79	463
Cleaning supplies	12,000	11,224	8,231	2,993	5,617
Clothing	2,500	1,036	36	1,000	4,851
Safety Supplies	-	1,282	1,356	(74)	-
Equipment parts/building supplies	18,051	32,197	33,320	(1,123)	24,805
Small tools/equipment	1,500	10,378	4,957	5,421	12,316
Computer Supplies	5,000	5,000	4,239	761	-
Total commodities	49,206	98,035	88,203	9,832	71,726
Other charges and services					
Fiscal management fees	35,190	36,588	36,588	-	34,896
Bank charges	2,040	16,274	16,570	(296)	1,967
Professional services	6,489	6,695	6,695	-	6,500
Use of personal auto	300	122	122	-	-
Advertising	6,000	17,067	6,407	10,660	4,985
Insurance	20,302	25,137	25,134	3	19,335
Water and sewer service	17,500	22,025	25,278	(3,253)	18,744
Waste disposal	9,961	7,316	6,799	517	4,546
Telephone	3,151	3,045	3,029	16	3,315
Other contractual	18,303	54,318	60,762	(6,444)	20,880
Equipment repair and maintenance	31,929	15,373	17,059	(1,686)	15,464
Building repair and maintenance	93,368	72,921	73,561	(640)	73,172
Snow removal	14,566	19,028	20,661	(1,633)	17,288
Total other charges and services	259,099	295,909	298,665	(2,756)	221,092
Utilities					
Electric service	210,908	217,573	212,123	5,450	179,093
Gas service	47,228	87,616	95,835	(8,219)	56,885
Utility Energy Savings (APEX)	(63,460)	(63,460)	-	(63,460)	-
Total utilities	194,676	241,729	307,958	(66,229)	235,978
Other expense					
Schools and conferences	2,000	662	662	-	-
Business Meetings/Misc. Expenses	-	11,925	11,925	-	-
Dues/subscriptions/licenses	22,893	13,620	14,685	(1,065)	12,601
Total other expense	24,893	26,207	27,272	(1,065)	12,601

LAKEVILLE ARENAS
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES –
GENERAL FUND - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2022
(WITH 2021 ACTUAL AMOUNTS FOR COMPARISON PURPOSES)

	2022				2021
	Budget As Originally Adopted	Final Budget	Actual	Variance with Final Budget	Actual
Capital outlay	-	-	1,125	(1,125)	26,000
Total expenditures	974,502	1,154,790	1,213,351	(58,561)	942,974
Excess of revenues over expenditures	255,928	248,178	200,918	(47,260)	167,648
Other financing uses					
Contribution to City of Lakeville	(77,585)	(77,585)	(14,125)	63,460	(12,142)
Transfers to other funds	(140,000)	(140,000)	(140,000)	-	(135,000)
Total other financing uses	(217,585)	(217,585)	(154,125)	63,460	(147,142)
Net change in fund balances	\$ 38,343	\$ 30,593	\$ 46,793	\$ 16,200	\$ 20,506
Fund balances, beginning of year			416,088		395,582
Fund balances, end of year			\$ 462,881		\$ 416,088

(continued)

LAKEVILLE ARENAS
SCHEDULE OF EMPLOYER'S SHARE OF PUBLIC EMPLOYEES RETIREMENT ASSOCIATION
NET PENSION LIABILITY – GENERAL EMPLOYEES RETIREMENT PLAN
FOR THE YEAR ENDED DECEMBER 31, 2022

Fiscal Year Ending	Organization's Proportion of the Net Pension Liability	Organization's Proportionate Share of the Net Pension Liability (a)	State's Proportionate Share of the Net Pension Liability Associated with the Organization (b)	Total (a+b)	Organization's Covered Payroll (c)	Organization's Proportionate Share of the Net Pension Liability as a Percentage of Covered Payroll (a/c)	Plan Fiduciary Net Pension as a Percentage of the Total Pension Liability
June 30, 2022	0.0038%	\$ 300,961	\$ 8,798	\$ 309,759	\$ 277,653	108.4%	76.7%
June 30, 2021	0.0025%	106,761	3,290	110,051	187,027	57.1%	87.0%
June 30, 2020	0.0033%	197,850	6,098	203,948	204,722	96.6%	79.0%
June 30, 2019	0.0029%	160,335	4,833	165,168	202,074	79.3%	80.2%
June 30, 2018	0.0035%	194,166	6,343	200,509	234,522	82.8%	79.5%
June 30, 2017	0.0041%	261,741	3,271	265,012	260,154	100.6%	75.9%
June 30, 2016	0.0034%	276,063	3,559	279,622	210,405	131.2%	68.9%
June 30, 2015	0.0035%	181,388	-	181,388	208,049	87.2%	78.2%

LAKEVILLE ARENAS
SCHEDULE OF EMPLOYER'S PUBLIC EMPLOYEES RETIREMENT ASSOCIATION
CONTRIBUTIONS – GENERAL EMPLOYEES RETIREMENT PLAN
FOR THE YEAR ENDED DECEMBER 31, 2022

Fiscal Year Ending	Contributions in Relation to the			Covered Payroll (d)	Contributions as a Percentage of Covered Payroll (b/d)
	Statutorily Required Contribution (a)	Statutorily Required Contribution (b)	Contribution Deficiency (Excess) (a-b)		
December 31, 2022	\$ 22,885	\$ 22,885	\$ -	\$ 305,129	7.50%
December 31, 2021	17,491	17,491	-	233,213	7.50%
December 31, 2020	14,802	14,802	-	197,360	7.50%
December 31, 2019	15,193	15,193	-	202,572	7.50%
December 31, 2018	16,578	16,578	-	221,038	7.50%
December 31, 2017	17,940	17,940	-	239,200	7.50%
December 31, 2016	18,322	18,322	-	244,294	7.50%
December 31, 2015	15,936	15,936	-	212,480	7.50%

Note: Schedule is intended to show 10-year trend. Additional years will be reported as they become available.

NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION

BUDGETS AND BUDGETARY ACCOUNTING

The Lakeville Arenas Board has full authority over the financial affairs of the Organization. The Board adopts an annual budget for the Organization. During the budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as 'Budget' represent the original and final budgeted amounts. The Organization prepares its budget on a basis consistent with accounting principles generally accepted in the United States of America. All budgeting appropriations lapse at year-end.

The legal level of budgetary control is at the fund level for the General fund and the Capital Maintenance Reserve fund.

Any changes in the budget must be approved by a majority vote of the Board.

CHANGES IN ACTUARIAL ASSUMPTIONS

2022 - The mortality improvement scale was changed from Scale MP-2020 to Scale MP-2021.

2021 – The investment return and single discount rate were changed from 7.50 percent to 6.50 percent, for financial reporting purposes. The mortality improvement scale was changed from Scale MP-2019 to Scale MP-2020.

2020 - The price inflation assumption was decreased from 2.50 percent to 2.25 percent. The payroll growth assumption was decreased from 3.25 percent to 3.00 percent. Assumed salary increase rates were changed as recommended in the June 30, 2019 experience study. The net effect is assumed rates that average 0.25 percent less than previous rates. Assumed rates of retirement were changed as recommended in the June 30, 2019 experience study. The changes result in more unreduced (normal) retirements and slightly fewer Rule of 90 and early retirements. Assumed rates of termination were changed as recommended in the June 30, 2019 experience study. The new rates are based on service and are generally lower than the previous rates for years 2-5 and slightly higher thereafter. Assumed rates of disability were changed as recommended in the June 30, 2019 experience study. The change results in fewer predicted disability retirements for males and females. The base mortality table for healthy annuitants and employees was changed from the RP-2014 table to the Pub-2010 General Mortality table, with adjustments. The base mortality table for disabled annuitants was changed from the RP-2014 disabled annuitant mortality table to the PUB-2010 General/Teacher disabled annuitant mortality table, with adjustments. The mortality improvement scale was changed from Scale MP-2018 to Scale MP-2019. The assumed spouse age difference was changed from two years older for females to one year older. The assumed number of married male new retirees electing the 100 percent Joint & Survivor option changed from 35 percent to 45 percent. The assumed number of married female new retirees electing the 100 percent Joint & Survivor option changed from 15 percent to 30 percent. The corresponding number of married new retirees electing the Life annuity option was adjusted accordingly.

2019 - The mortality projection scale was changed from MP-2017 to MP-2018.

2018 - The mortality projection scale was changed from MP-2015 to MP-2017. The assumed benefit increase was changed from 1.00 percent per year through 2044 and 2.50 percent per year thereafter to 1.25 percent per year.

2017 - The Combined Service Annuity (CSA) loads were changed from 0.8 percent for active members and 60 percent for vested and non-vested deferred members. The revised CSA loads are now 0.0 percent for active member liability, 15.0 percent for vested deferred member liability and 3.0 percent for non-vested deferred member liability. The assumed post-retirement benefit increase rate was changed from 1.0 percent per year for all years to 1.0 percent per year through 2044 and 2.5 percent per year thereafter.

CHANGES IN ACTUARIAL ASSUMPTIONS (CONTINUED)

2016 - The assumed post-retirement benefit increase rate was changed from 1.0 percent per year through 2035 and 2.5 percent per year thereafter to 1.0 percent per year for all future years. The assumed investment return was changed from 7.9 percent to 7.5 percent. The single discount rate was changed from 7.9 percent to 7.5 percent. Other assumptions were changed pursuant to the experience study dated June 30, 2015. The assumed future salary increases, payroll growth and inflation were decreased by 0.25 percent to 3.25 percent for payroll growth and 2.50 percent for inflation.

2015 - The assumed post-retirement benefit increase rate was changed from 1.0 percent per year through 2030 and 2.5 percent per year thereafter to 1.0 percent per year through 2035 and 2.5 percent per year thereafter.

CHANGES IN PLAN PROVISIONS

2022 – There were no changes in plan provisions since the previous valuation.

2021 – There were no changes in plan provisions since the previous valuation.

2020 - Augmentation for current privatized members was reduced to 2.0 percent for the period July 1, 2020 through December 31, 2023 and 0.0 percent after. Augmentation was eliminated for privatizations occurring after June 30, 2020.

2019 - The employer supplemental contribution was changed prospectively, decreasing from \$31.0 million to \$21.0 million per year. The state's special funding contribution was changed prospectively, requiring \$16.0 million due per year through 2031.

2018 - The augmentation adjustment in early retirement factors is eliminated over a five-year period starting July 1, 2019, resulting in actuarial equivalence after June 30, 2024. Interest credited on member contributions decreased from 4.00 percent to 3.00 percent, beginning July 1, 2018. Deferred augmentation was changed to 0.00 percent, effective January 1, 2019. Augmentation that has already accrued for deferred members will still apply. Contribution stabilizer provisions were repealed. Postretirement benefit increases were changed from 1.00 percent per year with a provision to increase to 2.50 percent upon attainment of 90.00 percent funding ratio to 50.00 percent of the Social Security Cost of Living Adjustment, not less than 1.00 percent and not more than 1.50 percent, beginning January 1, 2019. For retirements on or after January 1, 2024, the first benefit increase is delayed until the retiree reaches normal retirement age; does not apply to Rule of 90 retirees, disability benefit recipients, or survivors. Actuarial equivalent factors were updated to reflect revised mortality and interest assumptions.

2017 - The State's contribution for the Minneapolis Employees Retirement Fund equals \$16,000,000 in 2017 and 2018, and \$6,000,000 thereafter. The Employer Supplemental Contribution for the Minneapolis Employees Retirement Fund changed from \$21,000,000 to \$31,000,000 in calendar years 2019 to 2031. The state's contribution changed from \$16,000,000 to \$6,000,000 in calendar years 2019 to 2031.

2016 – No changes noted.

2015 - On January 1, 2015, the Minneapolis Employees Retirement Fund was merged into the General Employees Fund, which increased the total pension liability by \$1.1 billion and increased the fiduciary plan net position by \$892 million. Upon consolidation, state and employer contributions were revised.

IV. OTHER REPORT



INDEPENDENT AUDITOR'S REPORT ON MINNESOTA LEGAL COMPLIANCE

Board of Directors
Lakeville Arenas
Lakeville, Minnesota

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the governmental activities and each major fund of the Lakeville Arenas (the Organization), as of and for the year ended December 31, 2022, and the related notes to the financial statements which collectively comprise the Organization's basic financial statements, and have issued our report thereon dated April 28, 2023.

In connection with our audit, nothing came to our attention that caused us to believe that the Organization failed to comply with the provisions of the contracting and bidding, deposits and investments, conflicts of interest, claims and disbursements, and miscellaneous provisions sections of the *Minnesota Legal Compliance Audit Guide for Other Political Subdivisions*, promulgated by the State Auditor pursuant to Minn. Stat. § 6.65, insofar as they relate to accounting matters. However, our audit was not directed primarily toward obtaining knowledge of such noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding the Organization's noncompliance with the above referenced provisions, insofar as they relate to accounting matters.

This report is intended solely for the information and use those charged with governance and management of the Organization and the State Auditor and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in black ink that reads "Abdo".

Abdo
Minneapolis, Minnesota
April 28, 2023



Executive Governance Summary

Lakeville Arenas

Lakeville, Minnesota

For the year ended December 31, 2022



Edina Office

5201 Eden Avenue, Ste 250
Edina, MN 55436

P 952.835.9090

Mankato Office

100 Warren Street, Ste 600
Mankato, MN 56001

P 507.625.2727

Scottsdale Office

14500 N Northsight Blvd, Ste 233
Scottsdale, AZ 85260

P 480.864.5579

April 28, 2023

Board of Directors
Lakeville Arenas
Lakeville, Minnesota

We have audited the accompanying financial statements of the governmental activities and each major fund information of the Lakeville Arenas (the Organization) for the year ended December 31, 2022. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of the audit. We have communicated such information in our letter to you dated October 7, 2022. Professional standards require that we provide you with the following information related to our audit.

Significant Audit Findings

In planning and performing our audit of the financial statements, we considered the Organization's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Organization's internal control. Accordingly, we do not express an opinion on the effectiveness of the Organization's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. As described below, we identified a deficiency in internal control that we consider to be a significant deficiency, finding 2022-001.

Condition: During our audit, we reviewed procedures over billings and collections and found the Organization to have limited segregation of duties related to these procedures.

Criteria: There are four general categories of duties: authorization, custody, record keeping and reconciliation. In an ideal system, different employees perform each of these four major functions. In other words, no one person has control of two or more of these responsibilities.

Cause: During the year, it was noted the billing and collections of revenues is done by one person.

Effect: The existence of this limited segregation of duties increases the risk of fraud.

Recommendation: While we recognize staff is not large enough to eliminate this deficiency, it is important you be aware of this deficiency.

Management Response:

Management is aware of the deficiency and is relying on oversight by management and the Board of Directors to monitor this deficiency.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we performed tests of compliance with certain provisions of Minnesota statutes. However, providing an opinion on compliance with those provisions was not an objective of our audit. While our audit provides a reasonable basis for our opinion, it does not provide a legal determination on the Organization's compliance with those requirements. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported in accordance with Minnesota statutes.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Organization are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies were not changed during the year ended December 31, 2022. We noted no transactions entered into by the Organization during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.



Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the financial statements include depreciation on capital assets, allowance for doubtful accounts and the liability for the Organization's pensions.

- Management's estimate of depreciation is based on estimated useful lives of the assets. Depreciation is calculated using the straight-line method.
- Management's estimate of allowance for doubtful accounts is based on an estimate of delinquent account receivable balances that will not be collected.
- The Organization's liability for other post-employment benefits was estimated to be zero primarily based on the assumption that employees, whom participate in the health insurance plan, will not retire with the Organization.
- Management's estimate of its pension liability is based on several factors including, but not limited to, anticipated investment return rate, retirement age for active employees, life expectancy, salary increases and form of annuity payment upon retirement.

We evaluated the key factors and assumptions used to develop these estimates in determining that they are reasonable in relation to the financial statements taken as a whole. The disclosures in the financial statements are neutral, consistent, and clear. Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to the financial statements taken as a whole.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated April 28, 2023.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the governmental unit's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.



Other Matters

We applied certain limited procedures to the required supplementary information (RSI) (Management's Discussion and Analysis, the budgetary comparison for the General fund, the Schedule of Employer's Share of the Net Pension Liability and the Schedule of Employer's Contributions), which is information that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were not engaged to report on the introductory section, which accompanies the financial statements but is not RSI. We did not audit or perform other procedures on this other information and we do not express an opinion or provide any assurance on it.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the governmental unit's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.



Future Accounting Standard Changes

The following Governmental Accounting Standards Board (GASB) Statements have been issued and may have an impact on future financial statements: ⁽¹⁾

GASB Statement No. 94 - Public-Private and Public-Public Partnerships and Availability Payment Arrangements

Summary

The primary objective of this Statement is to improve financial reporting by addressing issues related to public-private and public-public partnership arrangements (PPPs). As used in this Statement, a PPP is an arrangement in which a government (the transferor) contracts with an operator (a governmental or nongovernmental entity) to provide public services by conveying control of the right to operate or use a nonfinancial asset, such as infrastructure or other capital asset (the underlying PPP asset), for a period of time in an exchange or exchange-like transaction. Some PPPs meet the definition of a service concession arrangement (SCA), which the Board defines in this Statement as a PPP in which (1) the operator collects and is compensated by fees from third parties; (2) the transferor determines or has the ability to modify or approve which services the operator is required to provide, to whom the operator is required to provide the services, and the prices or rates that can be charged for the services; and (3) the transferor is entitled to significant residual interest in the service utility of the underlying PPP asset at the end of the arrangement.

This Statement also provides guidance for accounting and financial reporting for availability payment arrangements (APAs). As defined in this Statement, an APA is an arrangement in which a government compensates an operator for services that may include designing, constructing, financing, maintaining, or operating an underlying nonfinancial asset for a period of time in an exchange or exchange-like transaction.

Effective Date and Transition

The requirements of this Statement are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter. Earlier application is encouraged.

PPPs should be recognized and measured using the facts and circumstances that exist at the beginning of the period of implementation (or if applicable to earlier periods, the beginning of the earliest period restated).

How the Changes in This Statement Will Improve Accounting and Financial Reporting

The requirements of this Statement will improve financial reporting by establishing the definitions of PPPs and APAs and providing uniform guidance on accounting and financial reporting for transactions that meet those definitions. That uniform guidance will provide more relevant and reliable information for financial statement users and create greater consistency in practice. This Statement will enhance the decision usefulness of a government's financial statements by requiring governments to report assets and liabilities related to PPPs consistently and disclose important information about PPP transactions. The required disclosures will allow users to understand the scale and important aspects of a government's PPPs and evaluate a government's future obligations and assets resulting from PPPs.



Future Accounting Standard Changes (Continued)

GASB Statement No. 96 - Subscription-Based Information Technology Arrangements

Summary

This Statement provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset - an intangible asset - and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITAs are based on the standards established in Statement No. 87, Leases, as amended.

Under this Statement, a government generally should recognize a right-to-use subscription asset - an intangible asset - and a corresponding subscription liability. A government should recognize the subscription liability at the commencement of the subscription term, - which is when the subscription asset is placed into service. The subscription liability should be initially measured at the present value of subscription payments expected to be made during the subscription term. Future subscription payments should be discounted using the interest rate the SBITA vendor charges the government, which may be implicit, or the government's incremental borrowing rate if the interest rate is not readily determinable. A government should recognize amortization of the discount on the subscription liability as an outflow of resources (for example, interest expense) in subsequent financial reporting periods.

This Statement provides an exception for short-term SBITAs. Short-term SBITAs have a maximum possible term under the SBITA contract of 12 months (or less), including any options to extend, regardless of their probability of being exercised. Subscription payments for short-term SBITAs should be recognized as outflows of resources.

This Statement requires a government to disclose descriptive information about its SBITAs other than short-term SBITAs, such as the amount of the subscription asset, accumulated amortization, other payments not included in the measurement of a subscription liability, principal and interest requirements for the subscription liability, and other essential information.

Effective Date and Transition

The requirements of this Statement are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter. Earlier application is encouraged. Assets and liabilities resulting from SBITAs should be recognized and measured using the facts and circumstances that existed at the beginning of the fiscal year in which this Statement is implemented. Governments are permitted, but are not required, to include in the measurement of the subscription asset capitalizable outlays associated with the initial implementation stage and the operation and additional implementation stage incurred prior to the implementation of this Statement.

How the Changes in This Statement Will Improve Accounting and Financial Reporting

The requirements of this Statement will improve financial reporting by establishing a definition for SBITAs and providing uniform guidance for accounting and financial reporting for transactions that meet that definition. That definition and uniform guidance will result in greater consistency in practice. Establishing the capitalization criteria for implementation costs also will reduce diversity and improve comparability in financial reporting by governments. This Statement also will enhance the relevance and reliability of a government's financial statements by requiring a government to report a subscription asset and subscription liability for a SBITA and to disclose essential information about the arrangement. The disclosures will allow users to understand the scale and important aspects of a government's SBITA activities and evaluate a government's obligations and assets resulting from SBITAs.



Future Accounting Standard Changes (Continued)

GASB Statement No. 98 - *The Annual Comprehensive Financial Report*

Summary

This Statement establishes the term annual comprehensive financial report and its acronym ACFR. That new term and acronym replace instances of comprehensive annual financial report and its acronym in generally accepted accounting principles for state and local governments.

This Statement was developed in response to concerns raised by stakeholders that the common pronunciation of the acronym for comprehensive annual financial report sounds like a profoundly objectionable racial slur. This Statement's introduction of the new term is founded on a commitment to promoting inclusiveness.

Effective Date and Transition

The requirements of this Statement are effective for fiscal years ending after December 15, 2021. Earlier application is encouraged.

GASB Statement No. 99 - *Omnibus 2022*

Summary

The objectives of this Statement are to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing (1) practice issues that have been identified during implementation and application of certain GASB Statements and (2) accounting and financial reporting for financial guarantees. The practice issues addressed by this Statement are as follows:

- Classification and reporting of derivative instruments within the scope of Statement No. 53, *Accounting and Financial Reporting for Derivative Instruments*, that do not meet the definition of either an investment derivative instrument or a hedging derivative instrument
- Clarification of provisions in Statement No. 87, *Leases*, as amended, related to the determination of the lease term, classification of a lease as a short-term lease, recognition and measurement of a lease liability and a lease asset, and identification of lease incentives
- Clarification of provisions in Statement No. 94, *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*, related to (a) the determination of the public-private and public-public partnership (PPP) term and (b) recognition and measurement of installment payments and the transfer of the underlying PPP asset
- Clarification of provisions in Statement No. 96, *Subscription-Based Information Technology Arrangements*, related to the subscription-based information technology arrangement (SBITA) term, classification of a SBITA as a short-term SBITA, and recognition and measurement of a subscription liability
- Extension of the period during which the London Interbank Offered Rate (LIBOR) is considered an appropriate benchmark interest rate for the qualitative evaluation of the effectiveness of an interest rate swap that hedges the interest rate risk of taxable debt
- Accounting for the distribution of benefits as part of the Supplemental Nutrition Assistance Program (SNAP)
- Disclosures related to nonmonetary transactions
- Pledges of future revenues when resources are not received by the pledging government



Future Accounting Standard Changes (Continued)

- Clarification of provisions in Statement No. 34, *Basic Financial Statements—and Management’s Discussion and Analysis—for State and Local Governments*, as amended, related to the focus of the government-wide financial statements
- Terminology updates related to certain provisions of Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*
- Terminology used in Statement 53 to refer to resource flows statements.

Effective Date and Transition

The requirements of this Statement that are effective as follows:

- The requirements related to extension of the use of LIBOR, accounting for SNAP distributions, disclosures of nonmonetary transactions, pledges of future revenues by pledging governments, clarification of certain provisions in Statement 34, as amended, and terminology updates related to Statement 53 and Statement 63 are effective upon issuance.
- The requirements related to leases, PPPs, and SBITAs are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter.
- The requirements related to financial guarantees and the classification and reporting of derivative instruments within the scope of Statement 53 are effective for fiscal years beginning after June 15, 2023, and all reporting periods thereafter.

The Board considered the effective dates for the requirements of this Statement in light of the COVID-19 pandemic and in concert with Statement No. 95, *Postponement of the Effective Dates of Certain Authoritative Guidance*.

How the Changes in This Statement Will Improve Accounting and Financial Reporting

The requirements of this Statement will enhance comparability in the application of accounting and financial reporting requirements and will improve the consistency of authoritative literature. Consistent authoritative literature enables governments and other stakeholders to more easily locate and apply the correct accounting and financial reporting provisions, which improves the consistency with which such provisions are applied. The comparability of financial statements also will improve as a result of this Statement. Better consistency and comparability improve the usefulness of information for users of state and local government financial statements.

GASB Statement No. 100 - Accounting Changes and Error Corrections - an amendment of GASB Statement No. 62

Summary

The primary objective of this Statement is to enhance accounting and financial reporting requirements for accounting changes and error corrections to provide more understandable, reliable, relevant, consistent, and comparable information for making decisions or assessing accountability.

This Statement defines *accounting changes* as changes in accounting principles, changes in accounting estimates, and changes to or within the financial reporting entity and describes the transactions or other events that constitute those changes. As part of those descriptions, for (1) certain changes in accounting principles and (2) certain changes in accounting estimates that result from a change in measurement methodology, a new principle or methodology should be justified on the basis that it is preferable to the principle or methodology used before the change. That preferability should be based on the qualitative characteristics of financial reporting—understandability, reliability, relevance, timeliness, consistency, and comparability. This Statement also addresses corrections of errors in previously issued financial statements.



Future Accounting Standard Changes (Continued)

This Statement prescribes the accounting and financial reporting for (1) each type of accounting change and (2) error corrections. This Statement requires that (a) changes in accounting principles and error corrections be reported retroactively by restating prior periods, (b) changes to or within the financial reporting entity be reported by adjusting beginning balances of the current period, and (c) changes in accounting estimates be reported prospectively by recognizing the change in the current period. The requirements of this Statement for changes in accounting principles apply to the implementation of a new pronouncement in absence of specific transition provisions in the new pronouncement. This Statement also requires that the aggregate amount of adjustments to and restatements of beginning net position, fund balance, or fund net position, as applicable, be displayed by reporting unit in the financial statements.

This Statement requires disclosure in notes to financial statements of descriptive information about accounting changes and error corrections, such as their nature. In addition, information about the quantitative effects on beginning balances of each accounting change and error correction should be disclosed by reporting unit in a tabular format to reconcile beginning balances as previously reported to beginning balances as restated.

Furthermore, this Statement addresses how information that is affected by a change in accounting principle or error correction should be presented in required supplementary information (RSI) and supplementary information (SI). For periods that are earlier than those included in the basic financial statements, information presented in RSI or SI should be restated for error corrections, if practicable, but not for changes in accounting principles.

Effective Date and Transition

The requirements of this Statement are effective for accounting changes and error corrections made in fiscal years beginning after June 15, 2023, and all reporting periods thereafter. Earlier application is encouraged.

How the Changes in This Statement Will Improve Accounting and Financial Reporting

The requirements of this Statement will improve the clarity of the accounting and financial reporting requirements for accounting changes and error corrections, which will result in greater consistency in application in practice. In turn, more understandable, reliable, relevant, consistent, and comparable information will be provided to financial statement users for making decisions or assessing accountability. In addition, the display and note disclosure requirements will result in more consistent, decision useful, understandable, and comprehensive information for users about accounting changes and error corrections.

GASB Statement No. 101 - *Compensated Absences*

Summary

The objective of this Statement is to better meet the information needs of financial statement users by updating the recognition and measurement guidance for compensated absences. That objective is achieved by aligning the recognition and measurement guidance under a unified model and by amending certain previously required disclosures.

This Statement requires that liabilities for compensated absences be recognized for (1) leave that has not been used and (2) leave that has been used but not yet paid in cash or settled through noncash means. A liability should be recognized for leave that has not been used if (a) the leave is attributable to services already rendered, (b) the leave accumulates, and (c) the leave is more likely than not to be used for time off or otherwise paid in cash or settled through noncash means. Leave is attributable to services already rendered when an employee has performed the services required to earn the leave. Leave that accumulates is carried forward from the reporting period in which it is earned to a future reporting period during which it may be used for time off or otherwise paid or settled. In estimating the leave that is more likely than not to be used or otherwise paid or settled, a government should consider relevant factors such as employment policies related to compensated absences and historical information about the use or payment of compensated absences. However, leave that is more likely than not to be settled through conversion to defined benefit postemployment benefits should not be included in a liability for compensated absences.



Future Accounting Standard Changes (Continued)

This Statement requires that a liability for certain types of compensated absences—including parental leave, military leave, and jury duty leave—not be recognized until the leave commences. This Statement also requires that a liability for specific types of compensated absences not be recognized until the leave is used.

This Statement also establishes guidance for measuring a liability for leave that has not been used, generally using an employee's pay rate as of the date of the financial statements. A liability for leave that has been used but not yet paid or settled should be measured at the amount of the cash payment or noncash settlement to be made. Certain salary-related payments that are directly and incrementally associated with payments for leave also should be included in the measurement of the liabilities.

With respect to financial statements prepared using the current financial resources measurement focus, this Statement requires that expenditures be recognized for the amount that normally would be liquidated with expendable available financial resources.

Effective Date and Transition

The requirements of this Statement are effective for fiscal years beginning after December 15, 2023, and all reporting periods thereafter. Earlier application is encouraged.

How the Changes in This Statement Will Improve Accounting and Financial Reporting

The unified recognition and measurement model in this Statement will result in a liability for compensated absences that more appropriately reflects when a government incurs an obligation. In addition, the model can be applied consistently to any type of compensated absence and will eliminate potential comparability issues between governments that offer different types of leave.

The model also will result in a more robust estimate of the amount of compensated absences that a government will pay or settle, which will enhance the relevance and reliability of information about the liability for compensated absences

⁽¹⁾ Note. From GASB Pronouncements Summaries. Copyright 2022 by the Financial Accounting Foundation, 401 Merritt 7, Norwalk, CT 06856, USA, and is reproduced with permission.

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Restriction on Use

This communication is intended solely for the information and use of the Board of Directors, management and the Minnesota Office of the State Auditor and is not intended to be and should not be used by anyone other than these specified parties.

Our audit would not necessarily disclose all weaknesses in the system because it was based on selected tests of the accounting records and related data. The comments and recommendations in the report are purely constructive in nature, and should be read in this context.

If you have any questions or wish to discuss any of the items contained in this letter, please feel free to contact us at your convenience. We wish to thank you for the opportunity to be of service and for the courtesy and cooperation extended to us by your staff.



Abdo
Minneapolis, Minnesota
April 28, 2023





LAKEVILLE ARENAS
MAY 2023 MANAGER'S REPORT

Date: May 17, 2023

To: Lakeville Arenas Board of Directors

From: Joe Bergquist – Lakeville Arenas General Manager

Re: Lakeville Arenas Manager's May 2023 Report

I. CUSTOMER & SPECIAL EVENT UPDATES

- A. Lakeville Hockey Association** - No news to report.
- B. ISD 194 High School Hockey** - No news to report.
- C. Heritage Figure Skating Club** -No news to report.
- D. Learn to Skate.** - No news to report.

II. OPERATIONS

A. Staffing

As we hold off on replacing the 2 vacant full-time supervisory positions and adding the 2 approved full time driver position due to construction, we will be increasing seasonal staff shifts at Hasse for the summer to help with paint, branding, renovating concessions, and other projects at the facility in conjunction with the other construction activities taking place. We are promoting one of our top part-time drivers, Kaitlyn Sorvari, to a part-time facility supervisor to help during the full-time vacancy period. Kaitlyn has also expressed interesting in becoming a full-time staff member when we post for those positions later this year.

B. Welcome Center Operations

We delayed implementation of the new Point of Sale platform until June 1st due some additional equipment and changes needed to connect the new system to the cloud. The new platform will cost \$1,500 per year compared to \$7,200 for the old DaySmart platform we have been using for the past 2 years.

C. Other Operations

We are currently finalizing the summer ice schedules and public open activities. We will be closed on Fridays and Saturdays for the summer except for special events such as tournaments due to low or no demand. We have also started the scheduling for the 2023-2024 regular season.

III. FACILITY REPAIR & MANINTENANCE

A. Building and Equipment Repair Expenses

- 1. (APR) Rink Tec – Compressor 3 Removal for warranty repair \$1,959.00
- 2. (Apr) Rink Tec – Rinks Swing Pump Motor Repair (Motor under warranty) labor only. \$1,422.00

B. Upcoming Expenses

- 1. R&R - Hasse Zamboni 3 Year Maintenance Program & Battery Replacement \$26,362.00

IV. PROJECT MANAGEMENT

A. Hasse Pavilion Outdoor Rink Construction

- 1. **Site & Roof Construction Updates:** Sheehy has prepped the site for the construction of the outdoor pavilion rink and the area has been fenced off to keep the McGuire School Field users from parking or playing within the area. Excavation began to strip topsoil on May 11th. Digging of the holding

pond and foundation is taking place the week of May 15th, with footing and wall piers to be poured near the end of the month weather permitting. Sheehy is currently on schedule to have the site work and pavilion structure completed by the end of August.

2. **Ice Plant and Outdoor Rink Construction Updates:** Equipment for the new ammonia plant is expected to begin arriving at the end of May and the plant is still on schedule for a November 1 completion date provided the 1 mechanical control center arrives from overseas in time.
3. **Current Submittals & Change Orders:**
 - **Change Order 1: Completed - \$2,502.06**
SCR moved the building management system that was in the refrigeration room, which was an oversight on the bid specs that indicated that everything inside of the room was to be removed and demoed.
 - **Change Order 2: Special Inspections & Testing (not part of bid packages) \$21,578.65**
Braun Intertec – Special inspectors summarize the nature, extent, and results of special inspection activities at the time they are performed on Special Inspection Daily Report forms submitted electronically to the general contractor's on-site personnel for review and records. These records can also be transmitted electronically to others who may want to review these documents on an agreed upon schedule. When unresolved discrepancies are noted, we will document the issues and work with the design and construction team to bring them to resolution. Special inspection final reports will be prepared and submitted upon completion as required by the requirements of the IBC.
 - **Change Order 3: Rink Area Sub cut \$32,848.57**
Bid specs did not specify who was responsible for the removal of topsoil and new fill directly under the rink area and therefore neither the Sheehy nor Rink Tec included it in their bid as both assumed it was under the other's bid package, and it was not caught by Apex or the architect either.
4. **Updated Construction Budget Tracking Attached.**

B. Current & Upcoming Staff Projects

1. **Ames Concessions Renovations:** In May, a doorway will be installed that will allow staff to directly access the dry storage room from the concessions. This will free up space in the cooler & refrigeration room providing more food prep area for our expanded menu starting this next season. We are also adding an upright ice cream freezer in the lobby next to the pop cooler and expanding those sales that were very popular last summer.
2. **Ames WIFI Lock Controls:** We finally received the test transmitter that was on back order so we can install the wireless network for our new keyless locks throughout the facilities. This will allow us to assign and change codes and key fobs to better control access and security of the facilities. We will be running cables and installing them at Ames in May and at Hasse this summer.
3. **Ames New Camera System:** The new cameras that were purchased last year are also being installed in May at Ames. Hasse cameras will be installed this summer.
4. **Vestibule Entrances:** The new Waterhog carpeting is getting installed at Ames this month.

V. FINANCIALS

2023 revenues continue to exceed expectations and goals. April revenue was up \$12,000 over 2022 and year to date is up over \$100,000 compared to last year at this time. April also kicks off the start of our slow season which results in negative net income each month and uses up the cash reserves in the operating fund. However, a positive note is that as we enter the slow seasons this year our YTD net revenue is \$155,000 compared to \$85,000 last year at this time. Further financial details with notes are included in the monthly P&L report.

A. Manager's P&L Report for April 2023 Attached.

VI. APEX Energy Savings Improvement Project Debt Commitment

A. Arenas Electric Use Comparison Worksheets.

We have compiled the actual electric bills for 2019, 2021, and 2022 for comparison when analyzing the Apex Report Measurements & Verification Report. Currently the report is comparing 2021 to 2022 data and is claiming that 897,992 kilowatt hours of electricity were saved, but when comparing our actual energy use, we had a rise overall from 2021 to 2022 from 1,750,160 to 1,954,820. The increase makes sense as 2021 was the year of construction and our ice plant was down for much of the year. So, if the claim of 897,992 is accurate then our 2022 usage would have been 2,852,812 kilowatts without the new ice plant

and lights, which would be 675,332 kilowatts more than we used in 2019 pre-construction with our old equipment and lighting.

We also have not done a comparison of the gas usage but because we added a new gas boiler to heat the rinks it will make any comparisons for gas even more difficult. As stated in past meetings it will be virtually impossible to determine or prove actual energy savings because of the lack of monitoring equipment. Therefore, we are proposing that we apply just the guaranteed energy saving amount towards the annual debt service commitment and forgo the need to have Apex provide an annual energy report at an additional cost of nearly \$10,000 annually for the report.

B. Apex Savings Report Attached.

VII. 2023 Budget Amendment.

A resolution to amend the 2023 budget is included on the agenda. As indicated in the 2024 proposed budget the estimate for 2023 has significant differences and changes that need to be accounted for in the 2023 budget. The primary reasons for the budget amendment include the impact of the construction for the outdoor rink that was not considered in the current adopted budget, and the energy improvements project debt service that was not included in the adopted budget. Management is recommending that the board approve an amended budget to account for the impact these items will have on the current adopted budget.

VIII. Adopt the 2024 Budget.

A resolution to adopt the 2024 budget is also included on the agenda. The budget has been submitted to both the City of Lakeville City Council and the ISD 194 School Board as required by the Joint Powers Agreement. There are no changes recommended or proposed since the budget was presented at the April board meeting. Management is recommending that the board adopt the proposed 2024 budget as presented at the April meeting.

A. City Council & School Board Presentation Attached.

Manager's Report
Respectfully Submitted

Joe Bergquist
Lakeville Arenas Manager

Lakeville ARENAS

Financial Statement (Preliminary and Unaudited) - Operations Use Only

April 2022 Actual	April 2023 Actual	April 2023 Budget	April 2022 YTD Actual	April 2023 YTD Actual	April 2023 YTD Budget
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OPERATING REVENUE

Ice & Facility Rentals

5211 Ice Rental - LHA	-	-	-	225,044	244,260	225,601	April ice rentals met expectations and dry floor rentals were down due to the loss of one spring event that moved locations due to construction and the upcoming year-round ice at Hasse. Year to date rentals are also meeting expectations.
5212 Ice Rental - ISD 194	-	-	-	105,431	109,288	105,692	
5213 Ice Rental Other	38,372	37,591	38,467	92,879	97,747	93,109	
5216 ISD 194 HS Game Gate Share	-	-	-	31,108	26,268	33,372	
5223 Dry floor Rentals	10,302	5,841	7,255	10,486	5,888	7,385	
Total Ice & Facility Rentals	48,674	43,432	45,722	464,948	483,451	465,158	

Programing & Public Events Revenue

5214 Learn to Skate	1,669	1,244	1,797	27,140	29,304	29,216	Public admissions continued to grow in sales, up 1000 over last year and double year to date over last year. The Ice Club Program that was introduced last summer also continues to grow in popularity and sales.
5215 Admissions-Public Skating	1,810	2,765	1,630	8,008	16,959	7,211	
5221 Arena Programming	-	3,772	-	-	10,404	-	
Total Programing & Events Revenue	3,479	7,781	3,427	35,148	56,667	36,427	

Concessions Sales

5218 Gross Food & Beverage Sales	479	7,731	642	33,812	73,254	45,324	Concessions also continues exceeding expectations and is now nearly 40k over budget for the year. They are expected to level off for the summer and then continue exceeding goals after the renovations to both the Ames and Hasse concession stands.
5532 (Cost of Goods Sold)	-	-	-	-	-	-	
Concessions Net Revenue	479	7,731	642	33,812	73,254	45,324	

Pro Shop Products & Services

5219 Gross Pro Shop Product Sales	(21)	(93)	(21)	260	1,203	256	The pro shop operations are not meeting goals but have seen improvements over last year. After the welcome center - concessions renovation are completed this summer we expect sales to increase after we expand the offerings.
5531 Pro Shop Cost of Goods Sold	-	-	-	-	-	-	
Net Pro Shop Revenue	(21.00)	(93)	(21)	260	1,203	256	
5220 Skate Sharpening	205	512	377	1,405	3,783	2,587	
5222 Skate Rental	434	563	676	2,317	2,756	3,607	
Total Pro Shop Products & Services	618	982	1,032	3,982	7,742	6,450	

Other Misc. Arena Revenues

5022 Games-Vending Machines	213	158	-	809	1,748	-	Other revenues are also exceeding goals and prior year lead primarily by advertising sales which we also hope to expand on later this year.
5217 Advertising Sales / Other	2,602	3,854	1,994	9,163	18,171	7,022	
4390 Rebates & Dividends	-	-	-	-	-	-	
5026 Donations/Other Misc.	525	-	169	970	481	313	
4910 Interest on Investments	239	1,878	554	756	6,041	1,750	
4912 Net Change in FV of Investments	(2,223)	914	-	(10,704)	1,295	-	

**Financial Statement
(Preliminary and Unaudited)
- Operations Use Only**

April 2022 Actual	April 2023 Actual	April 2023 Budget	April 2022 YTD Actual	April 2023 YTD Actual	April 2023 YTD Budget
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5024 Cash Over/(Short)	-	-	-	-	-	-
Total Other Arena Revenues	1,356	6,804	2,717	994	27,736	9,085
TOTAL OPERATING REVENUE	54,606	66,730	53,540	538,884	648,850	562,444

Overall revenue is up in April by 12k over last year and 100k year to date compared to last year.

OPERATING EXPENDITURES

PERSONNEL SERVICES

Employee Salary Expenses

6012 Salaries - Full Time	19,210	14,345	26,994	68,051	72,618	95,626
6015 Salaries - Full Time - Overtime	376	2,279	558	5,118	10,136	7,595
6030 Salaries - Part Time/Temporary	8,805	13,061	7,099	61,546	79,611	49,622
Total Employee Salaries	28,391	29,685	34,651	134,715	162,365	152,842

Staffing has improved this year which is resulting in higher salaries. Labor will continue to be high this year as we schedule extra staff this summer for the Hasse renovations and this fall when we implement the new year-round full time staffing model.

Employee Benefit Expenses

6041 Pera (State Retirement Pension)	1,773	1,775	1,793	7,454	8,533	7,540
6051 Hospitalization Insurance	1,021	715	2,681	6,823	5,295	17,917
6052 Life and Disability	(11)	8	(71)	141	44	915
6053 Long Term Disability	41	27	71	141	135	243
5057 FSA Plan	3	-	-	15	14	-
6054 Dental Insurance	54	54	133	379	215	931
Total Employee Benefits	2,876	2,579	4,607	14,948	14,236	27,547

Overtime is up due to the supervisor vacancies, which we are holding off on re-hiring for until after construction is completed. Insurance is down due to the full time vacancies.

Employee Withholdings-Other Expenses

6044 FICA	2,167	2,274	2,425	10,293	12,420	11,517
6055 Workers Compensation Insurance	954	1,331	1,123	3,815	5,323	4,491
6058 Salary Contingency	-	-	-	-	-	13,864
Employee Withholdings/Other	3,121	3,605	3,548	14,108	17,743	29,872
Total Salary & Benefit Expenses	34,388	35,869	42,805	163,771	194,344	210,261

Overall YTD Salary expense is consistent with the increased workload and revenues and remains at 30% of revenue compared to the same time last year. We are below the budgeted 37% due to delaying the new FTE model.

<i>Percent of Revenue</i>	63%	54%	80%	30%	30%	37%
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COMMODITIES

6110 Office Supplies / Equipment	278	270	75	1,111	1,194	298
6120 Operating Supplies & Equipment	215	2,937	209	2,204	5,581	2,147
6121 Motor Fuels	105	-	181	268	120	461
6123 Cleaning Supplies / Equipment	2,707	954	3,618	4,104	5,677	5,485
6124 Clothing	-	-	-	36	-	2,500

April operating supplies included a new ice cream display freezer to increase sales at Ames this summer. This category will continue to be high as we make improvements to the concession stands and equipment this summer.

**Financial Statement
(Preliminary and Unaudited)**
- Operations Use Only

	April 2022 Actual	April 2023 Actual	April 2023 Budget	April 2022 YTD Actual	April 2023 YTD Actual	April 2023 YTD Budget
6126 Chemicals (Condensing Towers)	-	512	-	-	512	-
6127 Safety Supplies & Equipment	-	-	-	541	456	314
6133 Building Repair Supplies & Equipment	26	228	20	55	2,446	42
6134 Parking Lot Maintenance Supplies	-	-	-	-	-	-
6135 Landscaping Materials & Equipment	-	-	-	-	-	-
6136 Signs (Advertising Sales Sign Expenses)	-	-	-	-	-	-
6140 Small Tools/Equipment	-	-	-	-	-	-
6180 Computer Supplies	-	-	-	-	381	-
Total Commodities	<u>3,331</u>	<u>4,901</u>	<u>4,102</u>	<u>8,319</u>	<u>16,367</u>	<u>11,247</u>
<i>Percent of Revenue</i>	6%	7%	8%	2%	3%	2%

Building supplies will also continue to be high as we make the improvements to the concession stands and equipment this summer.

Overall YTD commodities are up and will continue to be up due to the renovations to the facilities that staff are doing this summer.

OTHER CHARGES & SERVICES

Admin & Overhead Expenses

Professional Services Expenses

6210 Professional Fees	-	-	-	-	-	-
6211 Attorney Fees	-	-	-	-	-	-
6214 Fiscal Management Fee	3,049	3,276	2,962	12,196	13,104	11,847
6218 Bank Charges	1,904	1,574	1,781	6,492	9,643	6,073
6221 Audit	-	-	-	5,000	5,000	4,895
6255 Advertising (Old Dashers/New Media Expense)	264	-	256	4,801	-	4,661
6261 Insurance	2,095	2,935	2,137	8,380	11,740	8,548
6277 Postage & Shipping	-	-	-	-	-	-
Total Professional Expenses	<u>7,312</u>	<u>7,785</u>	<u>7,136</u>	<u>36,869</u>	<u>39,487</u>	<u>36,023</u>

Training & Education Expenses

6308 Tuition Reimbursement	-	-	-	-	-	-
6311 Schools and Conferences	-	320	-	-	720	-
Total Education Expenses	<u>-</u>	<u>320</u>	<u>-</u>	<u>-</u>	<u>720</u>	<u>-</u>

Other Admin & Overhead Expenses

6231 Travel Expenses	-	-	-	-	-	-
6234 Use of Personal Auto	-	-	-	-	-	-
6312 Misc. Expenses (Commissions-Donations)	-	-	-	-	-	-
6313 Dues/Subscriptions	187	911	215	2,164	5,882	2,487
6314 Licenses & Taxes	-	128	-	-	128	-
Total Other Admin Expenses	<u>187</u>	<u>1,039</u>	<u>215</u>	<u>2,164</u>	<u>6,010</u>	<u>2,487</u>

Dues & Subscription is up due to moving software subscriptions from other contractual. Overhead YTD is up due to that coding change and increased credit card

Lakeville ARENAS

Financial Statement (Preliminary and Unaudited) - Operations Use Only

	April 2022 Actual	April 2023 Actual	April 2023 Budget	April 2022 YTD Actual	April 2023 YTD Actual	April 2023 YTD Budget	
Total Overhead Expenses	7,499	9,144	7,351	39,033	46,217	38,511	up due to coding change and increased event card processing fees from the record concessions revenue.
<i>Percent of Revenue</i>	14%	14%	14%	7%	7%	7%	
Contracted Expenses							
6280 Other Contractual	6,309	667	7,436	28,768	17,774	33,906	Other contractual dropped in April due to coding changes that moved the subscription based contracts to dues and subscriptions .
6281 Contract Auto Repair	-	-	-	-	-	-	
6282 Equipment Repair and Maintenance	105	143	125	533	1,563	632	
6283 Building Repair and Maintenance	5,356	2,814	6,394	27,075	16,897	32,321	Contracted repairs and maintenance is down due to lower HVAC repairs, & staff performing more repair and maintenance. Significant expenses are expected next month for the Hasse Zamboni that was been sent out for repairs and a 3 year Maint. program.
6285 Contract Landscaping	-	-	-	-	-	-	
6286 Contract Cleaning	-	-	-	-	1,922	-	
6322 Snow Removal	1,104	3,707	954	10,063	16,995	8,699	
Total Contracted Expenses	12,874	7,331	14,908	66,439	55,151	75,558	
<i>Percent of Revenue</i>	24%	11%	28%	12%	8%	13%	
Utility Service Expenses							
6271 Electric Service	12,589	23,099	14,239	76,764	69,815	86,822	Utilities are up 3% YTD with gas continuing to have the largest gains. Electricity is down but could simply be due to when the solar credits are booked from year to year, which varies. We are monitoring the use closely.
6272 Gas Service	8,036	7,657	7,478	32,302	41,227	30,061	
6274 Water	1,539	2,400	1,164	8,877	11,052	6,714	
6275 Waste Disposal	205	388	315	3,790	3,324	5,830	
6276 Telephone/IS	237	393	269	959	1,107	1,088	
Total Utility Expenses	22,606	33,937	23,465	122,692	126,525	130,515	
Total Operating Expenses	80,698	91,182	92,632	400,254	438,604	466,091	YTD operating expenses are up but are consistent with added workloads from the increased revenues. As revenues continue to grow some of the added expense is also related to improvements to facilities and amenities that we are able to make because of the increased revenue.
<i>Percent of Revenue</i>	148%	137%	173%	74%	68%	83%	
Earnings before Interest-Debt-Capital	(26,092)	(24,452)	(39,092)	138,630	210,247	96,353	
<i>Percent of Revenue</i>	-48%	-37%	-73%	26%	32%	17%	
Interest and Debt Expenses							
6295 Debt Service Payments - Major Maintenance (A	-	-	-	7,375	6,750	6,722	
(APEX) Energy Savings Project - Debt Commitment	-	-	-	-	-	-	
6613 Debt Service	-	-	-	-	-	-	
6420 Bad Debts	-	-	-	-	-	-	
Total Debt & Other Fiscal Expenses	-	-	-	7,375	6,750	6,722	
Capital Expenses							
6520 Capital Outlay Buildings	-	-	-	-	1,564	-	

Financial Statement (Preliminary and Unaudited) - Operations Use Only		April 2022 Actual	April 2023 Actual	April 2023 Budget	April 2022 YTD Actual	April 2023 YTD Actual	April 2023 YTD Budget
6540	Capital Outlay Machinery & Equipment	-	-	-	-	-	-
6541	Capital Outlay Other Improvements	-	-	-	-	-	-
6542	Capital Outlay Computers	-	-	-	-	-	-
7417	Transfer to Capital Reserve Fund	11,666	11,667	11,666	46,666	46,667	46,667
Total Capital Expenses		11,666	11,667	11,666	46,666	48,231	46,667
Total Expenses		92,364	102,849	104,298	454,295	493,585	519,481
<i>Percent of Revenue</i>		169%	154%	195%	84%	76%	92%
Net Income (Loss)		(37,758)	(36,119)	(50,758)	84,589	155,266	42,964
<i>Percent of Revenue</i>		-69%	-54%	-95%	16%	24%	8%

Overall we continue to make progress on improvements to the facilities, equipment, amenities, and programs we are able to offer to our customers and residents.

We also continue to monitor our net revenue and adjust our controllable expenses as needed to ensure that it stays positive while we are making improvements. YTD we are 70k ahead of last year as we enter the slower negative months of the year.

LAKEVILLE Ames Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Charge Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2019	810	129600	111	17760	257.6	258	99.07%	\$25.64	\$0.035770	\$4,599.66	\$0.026768	\$3,469.13	\$0.001090	\$141.26	-\$201.17	\$11.00	\$2,811.59		\$0.00	\$3.58	\$712.45		\$11,562.15
FEB 2019	690	110400	72	11520	259.2	259	99.46%	\$25.64	\$0.035770	\$3,949.01	\$0.021715	\$2,397.34	\$0.001090	\$120.34	-\$108.32	\$11.00	\$2,849.00		\$0.00	\$3.60	\$653.39		\$9,889.99
MAR 2019	528	84480	26	4160	262.4	262	99.88%	\$25.64	\$0.035770	\$3,021.85	\$0.024661	\$2,083.39	\$0.001090	\$92.08		\$11.00	\$2,882.00		\$0.00	\$3.60	\$568.79		\$8,677.35
APR 2019	389	62240	9	1440	203.2	203	99.97%	\$25.64	\$0.035770	\$2,226.32	\$0.025976	\$1,616.74	\$0.001090	\$95.70		\$11.00	\$2,233.00		\$0.00	\$3.60	\$429.77		\$6,630.77
MAY 2019	464	74240	26	4160	176	176	99.84%	\$25.64	\$0.035770	\$2,655.56	\$0.028095	\$2,085.77	\$0.001680	\$124.72	-\$97.62	\$11.00	\$1,936.00		\$0.00	\$3.60	\$438.02		\$7,171.70
JUN 2019	756	120960	165	26400	286.4	286	97.70%	\$25.64	\$0.035770	\$4,189.65	\$0.025447	\$3,078.02	\$0.001680	\$203.22	-\$101.29	\$11.00	\$1,048.63	\$14.79	\$2,820.01	\$3.60	\$713.98		\$11,981.46
JUL 2019	1036	165760	326	52160	297.6	298	95.39%	\$25.64	\$0.034070	\$5,647.44	\$0.027746	\$4,599.12	\$0.001680	\$278.48	-\$584.64		\$0.00	\$14.79	\$4,407.42	\$3.60	\$875.72		\$15,252.78
AUG 2019	970	155200	319	51040	294.4	294	94.99%	\$25.64	\$0.034070	\$5,287.66	\$0.027152	\$4,214.06	\$0.001680	\$260.74	-\$628.79		\$0.00	\$14.79	\$4,348.26	\$3.60	\$835.88		\$14,347.05
SEP 2019	897	143520	270	43200	300.8	301	95.76%	\$25.64	\$0.034070	\$4,889.73	\$0.024496	\$3,515.62	\$0.001680	\$241.11	-\$350.96		\$0.00	\$14.79	\$4,451.79	\$3.60	\$805.90		\$13,582.43
OCT 2019	853	136480	200	32000	267.2	267	97.36%	\$25.64	\$0.034070	\$4,649.87	\$0.023293	\$3,179.06	\$0.001680	\$229.29	-\$397.85	\$10.49	\$1,807.01	\$14.79	\$1,401.20	\$3.60	\$729.84		\$11,627.66
NOV 2019	738	118080	124	19840	265.6	266	98.62%	\$25.64	\$0.034070	\$4,022.99	\$0.022919	\$2,706.27	\$0.001680	\$198.37	-\$229.79	\$10.49	\$2,790.34		\$0.00	\$3.60	\$289.96		\$9,807.38
DEC 2019	772	123520	19360	19360	264	264	98.79%	\$25.64	\$0.034070	\$4,208.33	\$0.021681	\$2,678.00	\$0.001680	\$207.51	-\$219.93	\$10.49	\$2,769.36		\$0.00	\$3.60	\$446.38		\$10,118.89
TOTALS	8903	1424480	21008	283040	3134.4	3134	98.07%	\$307.68	\$0.034920	\$49,348.08	\$0.024996	\$35,622.52	\$0.001483	\$2,192.83	-\$2,920.36	\$10.83	\$21,126.93	\$14.790000	\$17,428.68	\$43.18	\$7,500.08		\$130,649.62
LAKEVILLE Hasse Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Charge Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2019	348	104400	178	53400	261	264	89.03%	\$25.64	\$0.035770	\$3,705.25	\$0.026768	\$2,794.58	\$0.001090	\$113.79		\$11.00	\$2,876.98		\$0.00	\$3.58	\$634.88		\$10,154.69
FEB 2019	325	97500	161	48300	225	226	89.61%	\$25.64	\$0.035770	\$3,487.58	\$0.021587	\$2,104.69	\$0.001090	\$106.27		\$11.00	\$2,486.00		\$0.00	\$3.60	\$574.51		\$8,788.28
MAR 2019	260	78000	139	41700	216	220	88.19%	\$25.64	\$0.035770	\$2,790.06	\$0.025043	\$1,953.38	\$0.001090	\$85.02		\$11.00	\$2,420.00		\$0.00	\$3.60	\$501.71		\$7,779.41
APR 2019	283	84900	168	50400	237	248	85.99%	\$25.64	\$0.035770	\$3,036.87	\$0.025971	\$2,204.92	\$0.001090	\$131.90		\$11.00	\$2,728.00		\$0.00	\$3.60	\$555.22		\$8,686.15
MAY 2019	281	84300	175	52500	246	261	84.88%	\$25.64	\$0.035770	\$3,015.41	\$0.028095	\$2,368.41	\$0.001680	\$141.62		\$11.00	\$2,871.00		\$0.00	\$3.60	\$563.46		\$8,989.16
JUN 2019	53	15900	33	9900	189	149	84.89%	\$25.64	\$0.035770	\$550.16	\$0.025338	\$402.88	\$0.001680	\$26.71	-\$220.00	\$11.00	\$512.16	\$14.79	\$1,515.09	\$3.60	\$213.78		\$3,030.02
JUL 2019	93	27900	50	15000	168	172	88.08%	\$25.64	\$0.034070	\$950.55	\$0.028015	\$781.61	\$0.001680	\$46.87	-\$220.00		\$0.00	\$14.79	\$2,543.88	\$3.60	\$279.76		\$4,411.91
AUG 2019	55	16500	26	7800	138	138	90.41%	\$25.64	\$0.034070	\$562.16	\$0.027152	\$448.01	\$0.001680	\$27.72	-\$220.00		\$0.00	\$14.79	\$2,041.02	\$3.60	\$204.62		\$3,092.77
SEP 2019	45	13500	20	6000	114	127	91.38%	\$25.64	\$0.034070	\$459.95	\$0.024439	\$329.92	\$0.001680	\$22.68	-\$220.00		\$0.00	\$14.79	\$1,878.33	\$3.60	\$182.63		\$2,682.75
OCT 2019	148	44400	82	24600	201	207	87.47%	\$25.64	\$0.034070	\$1,512.71	\$0.023278	\$1,033.54	\$0.001680	\$74.59		\$10.49	\$1,473.43	\$14.79	\$984.13	\$3.60	\$367.18		\$5,474.82
NOV 2019	301	90300	171	51300	252	261	86.95%	\$25.64	\$0.034070	\$3,076.52	\$0.022926	\$2,070.22	\$0.001680	\$151.70		\$10.49	\$2,737.89		\$0.00	\$3.60	\$251.79		\$8,317.36
DEC 2019	318	95400	168	50400	243	247	88.42%	\$25.64	\$0.034070	\$3,250.28	\$0.021638	\$2,064.27	\$0.001680	\$160.27		\$10.49	\$2,591.03		\$0.00	\$3.60	\$384.11		\$8,479.22
TOTALS	2510	753000	1371	411300	2490	2520	87.94%	\$307.68	\$0.034920	\$26,397.49	\$0.025021	\$18,556.42	\$0.001483	\$1,089.15	-\$880.00	\$10.83	\$20,696.48	\$14.790000	\$8,962.44	\$43.18	\$4,713.65		\$79,886.54
LAKEVILLE Ames & Hasse Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Charge Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2019	1158	234000	289	71160	518.6	522	94.05%	\$51.28	\$0.035770	\$8,304.91	\$0.026768	\$6,263.71	\$0.001090	\$255.05	-\$201.17	\$11.00	\$5,688.57	#DIV/0!	\$0.00	\$7.16	\$1,347.33		\$21,716.84
FEB 2019	1015	207900	233	59820	484.2	485	94.54%	\$51.28	\$0.035770	\$7,436.58	\$0.021651	\$4,502.03	\$0.001090	\$226.60	-\$108.32	\$11.00	\$5,335.00	#DIV/0!	\$0.00	\$7.20	\$1,227.90		\$18,678.27
MAR 2019	788	162480	165	45860	478.4	482	94.04%	\$51.28	\$0.035770	\$5,811.91	\$0.024852	\$4,036.76	\$0.001090	\$177.11	\$0.00	\$11.00	\$5,302.00	#DIV/0!	\$0.00	\$7.20	\$1,070.50		\$16,456.76
APR 2019	672	147140	177	51840	440.2	451	92.98%	\$51.28	\$0.035770	\$5,263.20	\$0.025973	\$3,821.66	\$0.001090	\$227.60	\$0.00	\$11.00	\$4,961.00	#DIV/0!	\$0.00	\$7.20	\$984.99		\$15,316.93
MAY 2019	745	158540	201	56660	422	437	92.36%	\$51.28	\$0.035770	\$5,670.98	\$0.028095	\$4,454.18	\$0.001680	\$266.35	-\$97.62	\$11.00	\$4,807.00	#DIV/0!	\$0.00	\$7.20	\$1,001.48		\$16,160.86
JUN 2019	809	136860	198	36300	475.4	435	91.30%	\$51.28	\$0.035770	\$4,739.81	\$0.025392	\$3,480.90	\$0.001680	\$229.94	-\$321.29	\$11.00	\$1,560.79	\$14.79	\$4,335.10	\$7.20	\$927.76		\$15,011.48
JUL 2019	1129	193660	376	67160	465.6	470	91.74%	\$51.28	\$0.034070	\$6,598.00	\$0.027880	\$5,380.73	\$0.001680	\$325.35	-\$804.64	#DIV/0!	\$0.00	\$14.79	\$6,951.30	\$7.20	\$1,155.48		\$19,664.68
AUG 2019	1025	171700	345	58840	432.4	432	92.70%	\$51.28	\$0.034070	\$5,849.82	\$0.027152	\$4,662.07	\$0.001680	\$288.46	-\$848.79	#DIV/0!	\$0.00	\$14.79	\$6,389.28	\$7.20	\$1,040.50		\$17,439.82
SEP 2019	942	157020	290	49200	414.8	428	93.57%	\$51.28	\$0.034070	\$5,349.67	\$0.024467	\$3,845.54	\$0.001680	\$263.79	-\$570.96	#DIV/0!	\$0.00	\$14.79	\$6,330.12	\$7.20	\$988.53		\$16,265.18
OCT 2019	1001	180880	282	56600	468.2	474	92.42%	\$51.28	\$0.034070	\$6,162.58	\$0.023286	\$4,212.60	\$0.001680	\$303.88	-\$397.85	\$10.49	\$3,280.43	\$14.79	\$2,385.33	\$7.20	\$1,097.02		\$17,102.47
NOV 2019	1039	208380	295	71140	517.6	527	92.79%	\$51.28	\$0.034070	\$7,099.51	\$0.022922	\$4,776.49	\$0.001680	\$350.08	-\$229.79	\$10.49	\$5,528.23	#DIV/0!	\$0.00	\$7.20	\$541.75		\$18,124.75
DEC 2019	1090	218920	19528	69760	507	511	93.61%	\$51.28	\$0.034070	\$7,458.60	\$0.021659	\$4,742.27	\$0.001680	\$367.79	-\$219.93	\$10.49	\$5,360.39	#DIV/0!	\$0.00	\$7.20	\$830.49		\$18,598.11
TOTALS	11413	2177480	22379	694340	5624.4	5654	93.01%	\$615.36	\$0.034920	\$75,745.56	\$0.025008	\$54,178.94	\$0.001483	\$3,281.98	-\$3,800.36	#DIV/0!	\$41,823.41	#DIV/0!	\$26,391.13	\$86.36	\$12,213.73		\$210,536.16

LAKEVILLE Ames Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2021	555	88800	57	9120	256	256	99.48%	\$25.64	\$0.034070	\$3,025.42	\$0.022779	\$2,022.78	\$0.001950	\$173.16		\$10.49	\$2,685.44		\$0.00	\$3.60	\$550.15		\$8,486.18
FEB 2021	620	99200	95	15200	280	280	98.85%	\$25.64	\$0.034070	\$3,379.74	\$0.024724	\$2,452.66	\$0.001950	\$193.44		\$10.49	\$2,937.20		\$0.00	\$3.60	\$607.06		\$9,599.34
MAR 2021	549	87840	83	13280	262.4	262	98.88%	\$25.64	\$0.034070	\$2,992.71	\$0.026441	\$2,322.58	\$0.001950	\$171.29		\$10.49	\$2,748.38		\$0.00	\$3.60	\$552.03		\$8,816.22
APR 2021	158	25280	6	960	228.8	229	99.93%	\$25.64	\$0.034070	\$861.29	\$0.027627	\$698.41	\$0.001950	\$174.33		\$10.49	\$2,402.21		\$0.00	\$3.60	\$317.05		\$4,482.53
MAY 2021	99	15840	0	0	48	148	100.00%	\$25.64	\$0.034070	\$539.67	\$0.030586	\$484.48	\$0.008780	\$139.08		\$10.49	\$1,552.52		\$0.00	\$3.60	\$203.35		\$2,948.34
JUN 2021	140	22400	0	0	220.8	210	100.00%	\$25.64	\$0.034070	\$763.17	\$0.034198	\$766.04	\$0.008780	\$196.67		\$10.49	\$757.27	\$14.79	\$2,038.21	\$3.60	\$409.53		\$4,960.13
JUL 2021	399	63840	2	320	190.4	190	100.00%	\$25.64	\$0.034070	\$2,175.03	\$0.031833	\$2,032.22	\$0.008780	\$560.52			\$0.00	\$14.79	\$2,810.10	\$3.60	\$637.03		\$8,244.13
AUG 2021	413	66080	4	640	209.6	210	100.00%	\$25.64	\$0.034070	\$2,251.35	\$0.029792	\$1,968.66	\$0.008780	\$580.18			\$0.00	\$14.79	\$3,105.90	\$3.60	\$682.48		\$8,617.80
SEP 2021	428	68480	1	160	193.6	194	100.00%	\$25.64	\$0.034070	\$2,333.11	\$0.029890	\$2,046.87	\$0.008780	\$601.25			\$0.00	\$14.79	\$2,869.26	\$3.60	\$666.23		\$8,545.97
OCT 2021	588	94080	0	0	294.4	294	100.00%	\$25.64	\$0.034070	\$3,205.31	\$0.030493	\$2,868.78	\$0.008780	\$826.02		\$10.49	\$2,020.58	\$14.79	\$1,499.41	\$3.60	\$1,023.40		\$11,472.74
NOV 2021	659	105440	0	0	224	224	100.00%	\$25.64	\$0.034070	\$3,592.34	\$0.029199	\$3,078.74	\$0.008780	\$925.76	-\$284.66	\$10.49	\$2,349.76		\$0.00	\$3.60	\$1,008.35		\$10,699.54
DEC 2021	758	121280	0	0	313.6	314	100.00%	\$25.64	\$0.034070	\$4,132.01	\$0.026970	\$3,270.92	\$0.008780	\$1,064.84		\$10.49	\$3,293.86		\$0.00	\$3.60	\$1,261.73		\$13,052.60
TOTALS	5366	858560	248	39680	2721.6	2811	99.76%	\$307.68	\$0.034070	\$29,251.14	\$0.028711	\$24,013.13	\$0.006503	\$5,606.54	-\$284.66	\$10.49	\$20,747.23	\$14.790000	\$12,322.88	\$43.20	\$7,918.39		\$99,925.52
LAKEVILLE Hasse Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2021	238	71400	139	41700	225	235	86.35%	\$25.64	\$0.034070	\$2,432.60	\$0.022779	\$1,626.42	\$0.001950	\$139.23		\$10.49	\$2,465.15		\$0.00	\$3.60	\$472.40		\$7,165.04
FEB 2021	227	68100	121	36300	219	223	88.25%	\$25.64	\$0.034070	\$2,320.17	\$0.024859	\$1,692.87	\$0.001950	\$132.80		\$10.49	\$2,339.27		\$0.00	\$3.60	\$448.47		\$6,962.81
MAR 2021	228	68400	127	38100	234	241	87.36%	\$25.64	\$0.034070	\$2,330.39	\$0.026441	\$1,808.56	\$0.001950	\$133.38		\$10.49	\$2,528.09		\$0.00	\$3.60	\$467.95		\$7,297.61
APR 2021	211	63300	135	40500	234	250	84.23%	\$25.64	\$0.034070	\$2,156.63	\$0.027627	\$1,748.79	\$0.001950	\$436.51		\$10.49	\$2,622.50		\$0.00	\$3.60	\$460.84		\$7,454.51
MAY 2021	190	57000	99	29700	225	228	88.68%	\$25.64	\$0.034070	\$1,941.99	\$0.030545	\$1,741.04	\$0.008780	\$500.46		\$10.49	\$2,391.72		\$0.00	\$3.60	\$417.94		\$7,022.39
JUN 2021	288	86400	170	51000	252	263	86.12%	\$25.64	\$0.034070	\$2,943.65	\$0.034081	\$2,944.62	\$0.008780	\$758.59	-\$220.00	\$10.49	\$1,034.63	\$14.79	\$2,431.03	\$3.60	\$743.20		\$10,664.96
JUL 2021	293	87900	169	50700	252	262	86.62%	\$25.64	\$0.034070	\$2,994.75	\$0.032007	\$2,813.38	\$0.008780	\$771.76	-\$220.00		\$0.00	\$14.79	\$3,874.98	\$3.60	\$866.10		\$11,130.22
AUG 2021	263	78900	150	45000	249	258	86.86%	\$25.64	\$0.034070	\$2,688.12	\$0.029817	\$2,352.56	\$0.008780	\$692.74	-\$220.00		\$0.00	\$14.79	\$3,815.82	\$3.60	\$816.02		\$10,174.51
SEP 2021	256	76800	135	40500	171	174	88.45%	\$25.64	\$0.034070	\$2,616.58	\$0.029873	\$2,294.21	\$0.008780	\$674.30	-\$257.98		\$0.00	\$14.79	\$2,573.46	\$3.60	\$658.27		\$8,588.08
OCT 2021	256	76800	135	40500	186	189	88.45%	\$25.64	\$0.034070	\$2,616.58	\$0.030472	\$2,340.28	\$0.008780	\$674.30	-\$55.51	\$10.49	\$1,230.58	\$14.79	\$1,060.30	\$3.60	\$748.67		\$8,644.44
NOV 2021	229	68700	119	35700	195	198	88.73%	\$25.64	\$0.034070	\$2,340.61	\$0.029288	\$2,012.05	\$0.008780	\$603.19		\$10.49	\$2,077.02		\$0.00	\$3.60	\$745.80		\$7,807.91
DEC 2021	293	87900	151	45300	201	204	88.89%	\$25.64	\$0.034070	\$2,994.75	\$0.027029	\$2,375.85	\$0.008780	\$771.76		\$10.49	\$2,139.96		\$0.00	\$3.60	\$879.08		\$9,190.64
TOTALS	2972	891600	1650	495000	2643	2725	87.42%	\$307.68	\$0.034070	\$30,376.81	\$0.028735	\$25,750.63	\$0.006503	\$6,289.03	-\$973.49	\$10.49	\$18,828.92	\$14.790000	\$13,755.59	\$43.20	\$7,724.74		\$102,103.11
LAKEVILLE Ames & Hasse Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2021	793	160200	196	50820	481	491	92.92%	\$51.28	\$0.034070	\$5,458.01	\$0.022779	\$3,649.20	\$0.001950	\$312.39	\$0.00	\$10.49	\$5,150.59	#DIV/0!	\$0.00	\$7.20	\$1,022.55		\$15,651.22
FEB 2021	847	167300	216	51500	499	503	93.55%	\$51.28	\$0.034070	\$5,699.91	\$0.024792	\$4,145.53	\$0.001950	\$326.24	\$0.00	\$10.49	\$5,276.47	#DIV/0!	\$0.00	\$7.20	\$1,055.53		\$16,562.16
MAR 2021	777	156240	210	51380	496.4	503	93.12%	\$51.28	\$0.034070	\$5,323.10	\$0.026441	\$4,131.14	\$0.001950	\$304.67	\$0.00	\$10.49	\$5,276.47	#DIV/0!	\$0.00	\$7.20	\$1,019.98		\$16,113.84
APR 2021	369	88580	141	41460	462.8	479	92.08%	\$51.28	\$0.034070	\$3,017.92	\$0.027627	\$2,447.20	\$0.001950	\$610.84	\$0.00	\$10.49	\$5,024.71	#DIV/0!	\$0.00	\$7.20	\$777.89		\$11,937.04
MAY 2021	289	72840	99	29700	273	376	94.34%	\$51.28	\$0.034070	\$2,481.66	\$0.030565	\$2,225.52	\$0.008780	\$639.54	\$0.00	\$10.49	\$3,944.24	#DIV/0!	\$0.00	\$7.20	\$621.29		\$9,970.73
JUN 2021	428	108800	170	51000	472.8	473	93.06%	\$51.28	\$0.034070	\$3,706.82	\$0.034140	\$3,710.65	\$0.008780	\$955.26	-\$220.00	\$10.49	\$1,791.90	\$14.79	\$4,469.24	\$7.20	\$1,152.73		\$15,625.08
JUL 2021	692	151740	171	51020	442.4	452	93.31%	\$51.28	\$0.034070	\$5,169.78	\$0.031920	\$4,845.60	\$0.008780	\$1,332.28	-\$220.00	#DIV/0!	\$0.00	\$14.79	\$6,685.08	\$7.20	\$1,503.13		\$19,374.35
AUG 2021	676	144980	154	45640	458.6	468	93.43%	\$51.28	\$0.034070	\$4,939.47	\$0.029805	\$4,321.22	\$0.008780	\$1,272.92	-\$220.00	#DIV/0!	\$0.00	\$14.79	\$6,921.72	\$7.20	\$1,498.50		\$18,792.31
SEP 2021	684	145280	136	40660	364.6	368	94.23%	\$51.28	\$0.034070	\$4,949.69	\$0.029881	\$4,341.08	\$0.008780	\$1,275.56	-\$257.98	#DIV/0!	\$0.00	\$14.79	\$5,442.72	\$7.20	\$1,324.50		\$17,134.04
OCT 2021	844	170880	135	40500	480.4	483	94.23%	\$51.28	\$0.034070	\$5,821.88	\$0.030483	\$5,209.06	\$0.008780	\$1,500.33	-\$55.51	\$10.49	\$3,251.17	\$14.79	\$2,559.71	\$7.20	\$1,772.07		\$20,117.18
NOV 2021	888	174140	119	35700	419	422	94.37%	\$51.28	\$0.034070	\$5,932.95	\$0.029243	\$5,090.79	\$0.008780	\$1,528.95	-\$284.66	\$10.49	\$4,426.78	#DIV/0!	\$0.00	\$7.20	\$1,754.15		\$18,507.44
DEC 2021	1051	209180	151	45300	514.6	518	94.45%	\$51.28	\$0.034070	\$7,126.76	\$0.027000	\$5,646.77	\$0.008780	\$1,836.60	\$0.00	\$10.49	\$5,433.82	#DIV/0!	\$0.00	\$7.20	\$2,140.81		\$22,243.24
TOTALS	8338	1750160	1898	534680	5364.6	5536	93.59%	\$615.36	\$0.034070	\$59,627.95	\$0.028723	\$49,763.76	\$0.006503	#####	-\$1,258.15	#DIV/0!	\$39,576.15	#DIV/0!	\$26,078.47	\$86.40	\$15,643.13		\$202,028.63

LAKEVILLE Ames Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2022	755	120800	0	0	315.2	315	100.00%	\$25.64	\$0.034070	\$4,115.66	\$0.025716	\$3,106.52	\$0.008780	\$1,060.62		\$10.49	\$3,304.35		\$0.00	\$3.60	\$1,260.57	\$680.97	\$13,557.93
FEB 2022	673	107680	1	160	305.6	306	100.00%	\$25.64	\$0.034070	\$3,668.66	\$0.028853	\$3,106.93	\$0.008780	\$945.43		\$10.49	\$3,209.94		\$0.00	\$3.60	\$1,162.25	\$933.45	\$13,055.90
MAR 2022	609	97440	0	0	224	224	100.00%	\$25.64	\$0.034070	\$3,319.78	\$0.031650	\$3,084.01	\$0.008780	\$855.52	-\$163.22	\$10.49	\$2,349.76		\$0.00	\$3.60	\$963.25	\$747.92	\$11,186.26
APR 2022	582	93120	0	0	214.4	214	100.00%	\$25.64	\$0.034070	\$3,172.60	\$0.031973	\$2,977.34	\$0.008780	\$470.99	-\$156.38	\$10.49	\$2,244.86		\$0.00	\$3.60	\$1,078.49	\$714.78	\$10,531.91
MAY 2022	636	101760	0	0	227.2	227	100.00%	\$25.64	\$0.034070	\$3,466.96	\$0.033310	\$3,389.59	\$0.003640	\$370.41	-\$121.58	\$10.49	\$2,381.23		\$0.00	\$3.60	\$1,235.17	\$777.70	\$11,528.72
JUN 2022	614	98240	1	160	323.2	232	100.00%	\$25.64	\$0.034070	\$3,347.04	\$0.037482	\$3,682.24	\$0.003640	\$357.59		\$10.49	\$1,016.48	\$14.79	\$3,344.02	\$3.60	\$1,507.48	\$1,045.53	\$14,329.62
JUL 2022	734	117440	4	640	324.8	325	100.00%	\$25.64	\$0.034070	\$4,001.18	\$0.037637	\$4,420.08	\$0.003640	\$427.48			\$0.00	\$14.79	\$4,806.75	\$3.60	\$1,701.84	\$1,194.30	\$16,580.87
AUG 2022	795	127200	6	960	334.4	334	100.00%	\$25.64	\$0.034070	\$4,333.70	\$0.037047	\$4,712.38	\$0.003640	\$463.01			\$0.00	\$14.79	\$4,939.86	\$3.60	\$1,799.33	\$1,257.26	\$17,534.78
SEP 2022	738	118080	4	640	329.6	330	100.00%	\$25.64	\$0.034070	\$4,022.99	\$0.039283	\$4,638.58	\$0.003640	\$429.81			\$0.00	\$14.79	\$4,880.70	\$3.60	\$1,718.93	\$1,207.25	\$16,927.49
OCT 2022	649	103840	0	0	328	328	100.00%	\$25.64	\$0.034070	\$3,537.83	\$0.039162	\$4,066.55	\$0.003640	\$377.98		\$10.49	\$2,254.30	\$14.79	\$1,672.75	\$3.60	\$1,349.32	\$1,012.72	\$14,300.69
NOV 2022	658	105280	128	20480	315.2	315	98.16%	\$25.64	\$0.034070	\$3,586.89	\$0.037343	\$3,931.47	\$0.003640	\$383.22		\$10.49	\$3,304.35		\$0.00	\$3.60	\$1,197.00	\$935.17	\$13,367.34
DEC 2022	749	119840	195	31200	312	312	96.77%	\$25.64	\$0.034070	\$4,082.95	\$0.034744	\$4,163.75	\$0.003640	\$436.22		\$10.49	\$3,272.88		\$0.00	\$3.60	\$1,268.69	\$997.97	\$14,251.70
TOTALS	8192	1310720	339	54240	3553.6	3462	99.58%	\$307.68	\$0.034070	\$44,656.23	\$0.034517	\$45,279.43	\$0.005353	\$6,578.28	-\$441.18	\$10.49	\$23,338.15	\$14.790000	\$19,644.08	\$43.20	\$16,242.32	\$11,505.02	\$167,153.21
LAKEVILLE Hasse Arena Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2022	334	100200	159	47700	216	216	90.29%	\$25.64	\$0.034070	\$3,413.81	\$0.025738	\$2,578.91	\$0.008780	\$879.76	-\$35.70	\$10.49	\$2,265.84		\$0.00	\$3.60	\$975.27	\$495.99	\$10,603.12
FEB 2022	289	86700	137	41100	198	198	90.36%	\$25.64	\$0.034070	\$2,953.87	\$0.028700	\$2,488.29	\$0.008780	\$761.23	-\$113.85	\$10.49	\$2,077.02		\$0.00	\$3.60	\$856.81	\$668.25	\$9,720.86
MAR 2022	252	75600	128	38400	171	173	89.16%	\$25.64	\$0.034070	\$2,575.69	\$0.031598	\$2,388.81	\$0.008780	\$663.77	-\$97.15	\$10.49	\$1,814.77		\$0.00	\$3.60	\$747.96	\$583.93	\$8,707.02
APR 2022	74	22200	32	9600	60	132	91.79%	\$25.64	\$0.034070	\$756.35	\$0.031974	\$709.82	\$0.008780	\$113.41	\$0.00	\$10.49	\$1,384.68		\$0.00	\$3.60	\$412.69	\$292.49	\$3,698.69
MAY 2022	39	11700	23	6900	54	113	86.14%	\$25.64	\$0.034070	\$398.62	\$0.033248	\$389.00	\$0.003640	\$42.59		\$10.49	\$1,185.37		\$0.00	\$3.60	\$320.12	\$217.62	\$2,582.56
JUN 2022	30	9000	15	4500	42	90	89.44%	\$25.64	\$0.034070	\$306.63	\$0.037310	\$335.79	\$0.003640	\$32.76	-\$220.00	\$10.49	\$314.70	\$14.79	\$887.40	\$3.60	\$256.72	\$177.71	\$2,120.95
JUL 2022	31	9300	20	6000	66	93	84.03%	\$25.64	\$0.034070	\$316.85	\$0.037703	\$350.64	\$0.003640	\$33.85	-\$220.00		\$0.00	\$14.79	\$1,375.47	\$3.60	\$278.92	\$202.53	\$2,367.50
AUG 2022	37	11100	24	7200	78	107	83.90%	\$25.64	\$0.034070	\$378.18	\$0.037047	\$411.22	\$0.003640	\$40.40	-\$220.00		\$0.00	\$14.79	\$1,582.53	\$3.60	\$326.86	\$238.82	\$2,787.25
SEP 2022	140	42000	79	23700	255	264	87.09%	\$25.64	\$0.034070	\$1,430.94	\$0.039172	\$1,645.22	\$0.003640	\$152.88	-\$220.00		\$0.00	\$14.79	\$3,904.56	\$3.60	\$947.57	\$695.09	\$8,585.50
OCT 2022	267	80100	138	41400	213	216	88.84%	\$25.64	\$0.034070	\$2,729.01	\$0.039227	\$3,142.08	\$0.003640	\$291.56		\$10.49	\$1,406.39	\$14.79	\$1,211.74	\$3.60	\$971.51	\$726.40	\$10,507.94
NOV 2022	299	89700	148	44400	210	211	89.62%	\$25.64	\$0.034070	\$3,056.08	\$0.037412	\$3,355.86	\$0.003640	\$326.51	-\$122.09	\$10.49	\$2,213.39		\$0.00	\$3.60	\$893.07	\$699.39	\$10,451.44
DEC 2022	355	106500	162	48600	204	204	90.98%	\$25.64	\$0.034070	\$3,628.46	\$0.034796	\$3,705.77	\$0.003640	\$387.66	-\$213.86	\$10.49	\$2,139.96		\$0.00	\$3.60	\$959.71	\$754.45	\$11,391.39
TOTALS	2147	644100	1065	319500	1767	2017	88.47%	\$307.68	\$0.034070	\$21,944.49	\$0.034494	\$21,501.42	\$0.005353	\$3,726.38	-\$1,462.65	\$10.49	\$14,802.12	\$14.790000	\$8,961.70	\$43.20	\$7,947.21	\$5,752.67	\$83,524.22
LAKEVILLE Ames & Hasse Electric Use	Total Energy Measured Usage	Billed Usage kWh	Reactive Measured Usage	Billed Usage kVArh	Demand kW	Billable Demand kW	Power Factor Demand	Basic Charge	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Energy Credit Actual	Demand Chg Winter Rate	Demand Chg Winter Actual	Demand Chg Summer Rate	Demand Chg Summer Actual	Affordability Charge Actual	Resource Adjustment Actual	Interim Rate Adjustment	Total Charges Actual
JAN 2022	1089	221000	159	47700	531.2	531	95.15%	\$51.28	\$0.035770	\$7,529.47	\$0.025727	\$5,685.42	\$0.008780	\$1,940.38	-\$35.70	\$10.49	\$5,570.19	#DIV/0!	\$0.00	\$7.20	\$2,235.84	\$1,176.96	\$24,161.04
FEB 2022	962	194380	138	41260	503.6	504	95.18%	\$51.28	\$0.035770	\$6,622.53	\$0.028777	\$5,595.22	\$0.008780	\$1,706.66	-\$113.85	\$10.49	\$5,286.96	#DIV/0!	\$0.00	\$7.20	\$2,019.06	\$1,601.70	\$22,776.76
MAR 2022	861	173040	128	38400	395	397	94.58%	\$51.28	\$0.035770	\$5,895.47	\$0.031624	\$5,472.81	\$0.008780	\$1,519.29	-\$260.37	\$10.49	\$4,164.53	#DIV/0!	\$0.00	\$7.20	\$1,711.21	\$1,331.85	\$19,893.28
APR 2022	656	115320	32	9600	274.4	346	95.90%	\$51.28	\$0.035770	\$3,928.95	\$0.031974	\$3,687.16	\$0.008780	\$584.40	-\$156.38	\$10.49	\$3,629.54	#DIV/0!	\$0.00	\$7.20	\$1,491.18	\$1,007.27	\$14,230.60
MAY 2022	675	113460	23	6900	281.2	340	93.07%	\$51.28	\$0.035770	\$3,865.58	\$0.033279	\$3,778.59	\$0.003640	\$412.99	-\$121.58	\$10.49	\$3,566.60	#DIV/0!	\$0.00	\$7.20	\$1,555.29	\$995.32	\$14,111.27
JUN 2022	644	107240	16	4660	365.2	322	94.72%	\$51.28	\$0.035770	\$3,653.67	\$0.037396	\$4,018.03	\$0.003640	\$390.35	-\$220.00	\$10.49	\$1,331.18	\$14.790000	\$4,231.42	\$7.20	\$1,764.20	\$1,223.24	\$16,450.57
JUL 2022	765	126740	24	6640	390.8	418	92.02%	\$51.28	\$0.034070	\$4,318.03	\$0.037670	\$4,770.72	\$0.003640	\$461.33	-\$220.00	#DIV/0!	\$0.00	\$14.790000	\$6,182.22	\$7.20	\$1,980.76	\$1,396.83	\$18,948.37
AUG 2022	832	138300	30	8160	412.4	441	91.95%	\$51.28	\$0.034070	\$4,711.88	\$0.037047	\$5,123.60	\$0.003640	\$503.41	-\$220.00	#DIV/0!	\$0.00	\$14.790000	\$6,522.39	\$7.20	\$2,126.19	\$1,496.08	\$20,322.03
SEP 2022	878	160080	83	24340	584.6	594	93.55%	\$51.28	\$0.034070	\$5,453.93	\$0.039228	\$6,283.80	\$0.003640	\$582.69	-\$220.00	#DIV/0!	\$0.00	\$14.790000	\$8,785.26	\$7.20	\$2,666.50	\$1,902.34	\$25,513.00
OCT 2022	916	183940	138	41400	541	544	94.42%	\$51.28	\$0.034070	\$6,266.84	\$0.039195	\$7,208.63	\$0.003640	\$669.54	\$0.00	\$10.49	\$3,660.70	\$14.790000	\$2,884.49	\$7.20	\$2,320.83	\$1,739.12	\$24,808.63
NOV 2022	957	194980	276	64880	525.2	526	93.89%	\$51.28	\$0.034070	\$6,642.97	\$0.037378	\$7,287.33	\$0.003640	\$709.73	-\$122.09	\$10.49	\$5,517.74	#DIV/0!	\$0.00	\$7.20	\$2,090.07	\$1,634.56	\$23,818.78
DEC 2022	1104	226340	357	79800	516	516	93.88%	\$51.28	\$0.034070	\$7,711.40	\$0.034770	\$7,869.52	\$0.003640	\$823.88	-\$213.86	\$10.49	\$5,412.84	#DIV/0!	\$0.00	\$7.20	\$2,228.40	\$1,752.42	\$25,643.09
TOTALS	10339	1954820	1404	373740	5320.6	5479	94.02%	\$615.36	\$0.034920	\$66,600.72	\$0.034505	\$66,780.84	\$0.005353	\$10,304.66	-\$1,903.83	#DIV/0!	\$38,140.28	#DIV/0!	\$28,605.78	\$86.40	\$24,189.53	\$17,257.69	\$250,677.43

LAKEVILLE Ames & Hasse Electric Use	Energy Measured Usage	Billed Usage kWh	Demand kW	Billable Demand kW	Power Factor Demand	Energy Charge Rate	Energy Actual Charged	Fuel Charge Rate	Fuel Actual Charged	Sales Tru Up Rate	Sales Tru Up Actual	Total kWh Rate	Total kWh Charges	Apex Agreed Rate	Total kWh Charges	Demand Winter Rate	Demand Winter Actual	Demand Summer Rate	Demand Summer Actual	Total Demand Charges	Apex Demand Rate	Apex Demand Charges	Total Actual Charges	Total Apex Adj. Rates
2019 Ames	8,903	1,424,480	3,134	3,134	98.07%	0.03492	\$49,348	0.02499571	\$35,623	0.00148334	\$2,193	0.06139905	\$87,163	0.063	\$89,742	\$10.83	\$21,127	\$14.79	\$17,429	\$38,556	12.67	\$39,708	\$125,719	\$129,450
Hasse	2,510	753,000	2,490	2,520	87.94%	0.03492	\$26,397	0.02502079	\$18,556	0.0014833	\$1,089	0.06142409	\$46,043	0.075	\$56,475	\$10.83	\$20,696	\$14.79	\$8,962	\$29,659	12.09	\$30,467	\$75,702	\$86,942
Total	11,413	2,177,480	5,624	5,654	93.01%	0.03492	\$75,746	0.02500825	\$54,179	0.00148332	\$3,282	0.061411570	\$133,206	0.069	\$146,217	\$11.00	\$41,823	\$14.79	\$26,391	\$68,215	\$12,380	\$70,175	\$201,421	\$216,392
2021 Ames	5,366	858,560	2,722	2,811	99.76%	0.03407	\$29,251	0.02871103	24,013	0.00650333	\$5,607	0.069284367	\$58,871	0.063	\$54,089	\$10.49	\$20,747	\$14.79	\$12,323	\$33,070	12.67	\$35,615	\$91,941	\$89,705
Hasse	2,972	891,600	2,643	2,725	87.42%	0.03407	\$30,377	0.028734700	25,751	0.00650333	\$6,289	0.069308033	\$62,416	0.075	\$66,870	\$10.49	\$18,829	\$14.79	\$13,756	\$32,585	12.09	\$32,945	\$95,001	\$99,815
Total	8,338	1,750,160	5,365	5,536	93.59%	0.03407	\$59,628	0.02872287	\$49,764	0.00650333	\$11,896	0.069296200	\$121,287	0.069	\$120,959	\$10.49	\$39,576	\$14.79	\$26,078	\$65,655	\$12,380	\$68,561	\$186,942	\$189,520
2022 Ames	8,192	1,310,720	3,554	3,462	99.58%	0.03407	\$44,656	0.03451675	\$45,279	0.00535333	\$6,578	0.073940083	\$96,514	0.063	\$82,575	\$10.49	\$23,338	\$14.79	\$19,644	\$42,982	12.67	\$43,864	\$139,496	\$126,439
Hasse	2,147	644,100	1,767	2,017	88.47%	0.03407	\$21,944	0.03449372	\$21,501	0.00535333	\$3,726	0.073917050	\$47,172	0.075	\$48,308	\$10.49	\$14,802	\$14.79	\$8,962	\$23,764	12.09	\$24,386	\$70,936	\$72,693
Total	10,339	1,954,820	5,321	5,479	94.02%	0.03492	\$66,601	0.03450523	\$66,781	0.00535333	\$10,305	0.074778567	\$143,686	0.069	\$130,883	\$10.49	\$38,140	\$14.79	\$28,606	\$66,746	\$12,380	\$68,249	\$210,432	\$199,132

Apex Savings Calulation Claim	897,992	555	0.069	\$61,961	\$12,380	\$6,871	\$68,832
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0.075	\$67,151
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2019 Pre Construction & COVID (Normal)
Usage Year. 2,177,480 kWh actual.

2021 Construction Year - Usage Down.
1,750,160 kWh actual.

2022 Normal Operating Year - 1,954,820 kWh used, which is only 222,660
less kWh from pre construction normal year 2019.

Apex Measurement & Verification Report claims 897,992 kWh savings over 2022 but does not tie out to actual kWh used.

City of Lakeville

MEASUREMENT & VERIFICATION REPORT MARCH 2023

PRESENTED BY:

APEX FACILITY SOLUTIONS, LLC

3495 NORTHDAL BLVD. NW, SUITE 230, COON RAPIDS, MN 55448

ROB KRUKOSKI | ROBK@APEX-CO.US | [763-218-9572](tel:763-218-9572)

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MEASUREMENT & VERIFICATION REPORT



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CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT



Executive Summary

This Measurement & Verification Report summarizes the energy and operational savings achieved from the Facility Improvement Measures (FIM's) installed for the City of Lakeville energy improvements project located at Ames Ice Arena and Hasse Ice Arena. The FIM's were implemented in the late Fall of 2021 in the amount of \$7,933,285. This is the first annual Guarantee Reconciliation report that covers year one of the guarantee period that started on the date of Final Acceptance; December 2021.

Apex Facility Solutions, LLC hereafter referred to as Apex, guaranteed the Client would save \$74,746 in energy and repair and maintenance costs during the first year of the savings guarantee. The Guarantee is assessed on an annual basis and comprised of several FIM's that were implemented in the facilities. The table in the following section summarizes the individual FIM's implemented, the amount of savings projected for each FIM, and the actual savings achieved by each FIM during the 1st Year Guarantee Period.

Of the \$74,747 in guaranteed savings, \$11,286 in savings are from operation and maintenance. These savings were agreed-upon per the terms of the contract. The actual energy savings combined with the operation and maintenance savings accounted for \$91,527 in savings which exceeded the guaranteed savings amount by \$16,781.

CITY OF LAKEVILLE

MEASUREMENT & VERIFICATION REPORT



Energy Savings Summary

Below is a detailed summary depicting which FIM occurred, the calculated savings determined upon the contract, the guaranteed savings determined upon the contract, the O&M savings determined upon the contract, and the actual savings determined upon the first year M&V calculations for the years December 2021-November 2022.

FIM Description	Guaranteed Utility Savings	Actual Annual Savings	O&M Annual Savings
<i>Building Lighting - Ames Ice Arena</i>	\$6,010	\$5,719	\$1,298
<i>Buiding Lighting - Hasse Ice Arena</i>	\$9,020	\$8,565	\$1,898
<i>Buiding Envelope - Hasse & Ames Ice Arena</i>	\$5,600	\$9,339	\$0
<i>Low E Ceilings - Hasse & Ames Ice Arena</i>	\$9,260	\$10,289	\$1,000
<i>Refrigeration - Ames Ice Arena</i>	\$21,370	\$31,791	\$7,000
<i>Water Conservation - Ames Ice Arena</i>	\$1,270	\$1,408	\$90
<i>Building Controls - Ames Ice Arena</i>	\$820	\$555	\$0
<i>Window Film - Hasse Ice Arena</i>	\$300	\$337	\$0
<i>Refrigeration Controls - Hasse Ice Arena</i>	\$8,050	\$2,838	\$0
<i>HVAC Controls - Hasse Ice Arena</i>	\$1,760	\$9,399	\$0
Total	\$63,460	\$80,241	\$11,286

Below is a table summarizing all of the energy savings in terms of kWh, kW demand, and therms. The proposed headings in blue give values based on the contract, and the actual headings in green give values based on the actual savings that took place. Certain energy saving FIM's had stipulated savings, so the actual and proposed savings were identical in these cases.

Description	Guaranteed	Actual	Guaranteed	Actual	Guaranteed	Actual
	kWh Saved	kWh Saved	kW Saved	kW Saved	Therms Saved	Therms Saved
<i>Building Lighting - Ames Ice Arena</i>	58,176	53,900	194	184	N/A	N/A
<i>Buiding Lighting - Hasse Ice Arena</i>	57,309	54,356	390	370	N/A	N/A
<i>Buiding Envelope - Hasse & Ames Ice Arena</i>	8,177	13,629	N/A	N/A	7,175	11,958
<i>Low E Ceilings - Hasse & Ames Ice Arena</i>	135,292	150,325	N/A	N/A	N/A	N/A
<i>Refrigeration - Ames Ice Arena</i>	340,070	505,890	N/A	N/A	N/A	N/A
<i>Water Conservation - Ames Ice Arena</i>	N/A	N/A	N/A	N/A	266	333
<i>Building Controls - Ames Ice Arena</i>	9,170	5,586	N/A	N/A	487	290
<i>Window Film - Hasse Ice Arena</i>	2,391	2,686	N/A	N/A	167	188
<i>Refrigeration Controls - Hasse Ice Arena</i>	107,057	37,759	N/A	N/A	N/A	N/A
<i>HVAC Controls - Hasse Ice Arena</i>	6,966	73,860	N/A	N/A	1,718	5,358
Total	724,608	897,992	583	555	9,813	18,127

CITY OF LAKEVILLE
MEASUREMENT & VERIFICATION REPORT



Utility Rates

These are the agreed upon utility rates, used in calculating the savings.

Facility	Electric		Gas
	\$/kWh	\$/kW	\$/Therm
Ames Ice Arena	\$ 0.063	\$ 12.670	\$ 0.703
Hasse Ice Arena	\$ 0.075	\$ 12.090	\$ 0.718

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CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Individual Facility Improvement Measures

Lighting

General

Existing exterior lighting (Metal Halides and HPS Lights) and interior lighting (T8, CFL and Incandescent) were replaced with highly efficient LED lighting technology at both Ames Ice Arena as well as Hasse Ice Arena. The table below shows the actual measurement data obtained. Exhibit 1 details the actual energy savings by line.

Energy Savings

Below is the summary of actual calculations taken by the contractor at both Ames and Hasse Ice Arena for fixtures of high enough quantity to meet the measurement list. These recordings were used to calculate actual energy savings. ECM Codes were language used to identify a fixture description. "Pre" ECM Codes were done on existing fixtures before the project took place, and "Post" ECM Codes were done on fixtures installed after the project.

Lakeville Ames

		Location		Measurements					
Pre/Post	Retrofit Code	Building	Qty (Fixtures)	Volts	Amps	PF	Power	Noted Power	Average Power Per Fixture
Pre	ECM A	Ames Ice	31	276.3	4.07	0.993	1116.669	1117	36.02
Pre	ECM B	Ames Ice	5	277.5	3.76	0.994	1037.14	1039	207.43
Pre	ECM B	Ames Ice	5	276.9	3.8	0.891	937.528	1001	187.51
Pre	ECM C	Ames Ice	18	275	5.06	0.989	1376.194	1376	76.46
Pre	ECM D	Ames Ice	3	276.7	2.94	0.959	780.1446	780	260.05
Post	ECM A (Post)	Ames Ice	31	279.5	3.4	0.911	865.7233	867	27.93
Post	ECM B (Post)	Ames Ice	5	282.1	1.87	0.963	508.0085	508	101.60
Post	ECM B (Post)	Ames Ice	5	282.3	2.23	0.969	610.0136	610	122.00
Post	ECM C (Post)	Ames Ice	18	278.7	2.27	0.974	616.2001	617	34.23
Post	ECM D (Post)	Ames Ice	3	279.6	1.81	0.943	477.2297	489	159.08



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Lakeville Hasse

<u>Pre/Post</u>	<u>Retrofit Code</u>	<u>Location</u>	<u>Qty (Fixtures)</u>	<u>Measurements</u>					
		<u>Building</u>		<u>Volts</u>	<u>Amps</u>	<u>PF</u>	<u>Power</u>	<u>Noted Power</u>	<u>Average Power</u>
Pre	ECM A	Hasse Ice	14	278.4	2.48	0.995	686.9798	688	49.07
Pre	ECM A	Hasse Ice	12	277.6	2.04	0.994	562.9062	563	46.91
Pre	ECM B	Hasse Ice	5	277.9	11.6	0.992	3197.851	3197	639.57
Pre	ECM B	Hasse Ice	5	278.3	11.94	0.992	3296.319	3299	659.26
Pre	ECM B	Hasse Ice	5	278.7	12.9	0.991	3562.873	3563	712.57
Pre	ECM C	Hasse Ice	6	279.4	1.64	0.975	446.7606	447	74.46
Pre	ECM D	Hasse Ice	4	280.6	1.47	0.939	387.3206	386	96.83
Pre	ECM E	Hasse Ice	7	276.5	7.79	0.977	2104.394	2105	300.63
Post	ECM A (Post)	Hasse Ice	14	277.5	1.53	0.91	386.3633	387	27.60
Post	ECM A (Post)	Hasse Ice	12	275.2	1.39	0.906	346.5704	347	28.88
Post	ECM B (Post)	Hasse Ice	5	277.6	5.31	0.976	1438.679	1440	287.74
Post	ECM B (Post)	Hasse Ice	5	276.5	5.25	0.976	1416.786	1422	283.36
Post	ECM B (Post)	Hasse Ice	5	275.1	5.3	0.978	1425.953	1427	285.19
Post	ECM C (Post)	Hasse Ice	6	273.7	0.98	0.91	244.0857	245	40.68
Post	ECM D (Post)	Hasse Ice	4	277.8	0.89	0.904	223.5068	219	55.88
Post	ECM E (Post)	Hasse Ice	7	274.9	2.95	0.971	787.4373	788	112.49



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Building Envelope

General

The existing building envelope had leakage in several locations which were improved upon by the project. Exhibit 2 details the air leakage locations as well as the equations and data used to calculate improvements.

Energy Savings

Savings from building envelope improvements were agreed upon based on the materials and locations where work was to be completed. During the construction period, the materials were verified and installed as per the contract.



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Water Conservation – Ames Ice Arena

General

Ames Ice Arena had a multitude of water conservation upgrades done to the facility to optimize current plumbing systems and improve water consumption efficiency. Exhibit 3 details the breakout summary of fixtures and occupancy used to calculate savings.

Energy Savings

Savings from building envelope improvements were agreed upon based on the materials and locations where work was to be completed. During the construction period, the new equipment was installed as per the manufactures recommended procedures and, in the locations, as noted in the contract.



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Window Film – Hasse Ice Arena

General

The existing window film at Hasse Ice Arena had issues in several locations which were improved upon by the project. Exhibit 4 details the window film data used to calculate savings.

Energy Savings

Savings from window film improvements were agreed upon based on the materials and locations where work was to be completed. During the construction period, the new equipment was installed as per the manufacturer's recommended procedures and, in the locations, as noted in the contract.



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Low Emissivity Ceilings

General

Both Ames Ice Arena and Hasse Ice Arena had Low Emissivity ceilings installed into the ice arenas. Exhibit 5 details savings calculated from the installation.

Energy Savings

Savings from Low Emissivity Ceiling installation was agreed upon based on the materials and locations where work was to be completed. During the construction period, the new equipment was installed as per the manufactures recommended procedures and, in the locations, as noted in the contract.



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Refrigeration System Replacement – Ames Ice Arena

General

A new ammonia refrigeration plant was installed into Ames Ice Arena. Through this project, a multitude of different energy savings methods were put into place on the new plant.

The savings for the refrigeration system have many different components. The first savings method was turning off the brine pumps between the hours of 12-4am when they are not in use to save on the pump energy. The second part of the refrigeration system savings methods was changing the sub-floor temperature of the ice sheet from 38° to 34° Fahrenheit to reduce load on the refrigeration system. The third method was reducing refrigeration load on the system via the new compressors. Exhibit 5 details the calculations used to verify trends and measurements for the actual calculated savings.

Energy Savings

Savings from these changes to the refrigeration system were calculated by using trends set up on the controls system, verification of equipment installation and some agreed upon savings. The controls system operating the brine pumps did not shut the pumps off from the hours of 12-4am, and the subfloor temperature setpoint change did not get lowered down to the 34° Fahrenheit mark. Due to this, those two sections of the refrigeration system did not make the intended guaranteed savings. However, the refrigeration load reduction on the compressors did result in great energy savings. Summaries of the savings can be seen below.

Ames Refrigeration System

Description	Guaranteed	Actual
	kWh Saved	kWh Saved
SubFloor Temperature Control	2,840	-
Brine Pump Night Setback	17,790	-
Compressor Head Pressure	319,440	505,890
Total	340,070	505,890



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Refrigeration System Controls Upgrades – Hasse Ice Arena

General

The refrigeration system at Lakeville Hasse Ice Arena underwent controls upgrades to the existing refrigeration system that was there. At this location, controls were added to improve on energy saving methods.

The savings for the refrigeration system at Hasse had multiple different components. The first savings method involved turning off the brine pumps between the hours of 12-4am when they are not in use to save on the pump energy. The second energy saving method involved reducing the head pressure on the system to save energy on the compressors. The third method involved adding VFD's to the brine pumps so that they do not run 100% of the time. Exhibit 6 details the calculations used to verify trends and measurements for the actual calculated savings.

Energy Savings

Savings from these changes to the refrigeration system were calculated by using trends set up on the controls system, verification of equipment installation and some agreed upon savings. The controls system operating the brine pumps did not shut the pumps off from the hours of 12-4am, and the VFD's controlling the brine pumps were not lowered significantly down to the proposed pump speed, so savings were short. Due to this, those two sections of the refrigeration system did not make the intended guaranteed savings. The compressor system load was reduced as well, but not enough to make the guaranteed savings mark. A summary of calculations can be seen below for the refrigeration upgrades.

Hasse Refrigeration System

Description	Guaranteed	Actual
	kWh Saved	kWh Saved
Brine Pump VFD Control	19,344	10,951
Brine Pump Night Setback	19,344	-
Compressor Head Pressure Setback	74,159	26,808
Total	112,847	37,759



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Building Controls Upgrades – Ames Ice Arena

General

Multiple Rooftop Units located at Ames Ice Arena implemented control strategies to reduce total run time per week, resulting in energy savings over time.

Energy Savings

The energy savings were calculated using the control strategies that were put in place. The hours of operation for the existing AHUs were brought down so that they are not running when there is no occupancy. We have found that the hours of operation for the RTU serving the locker rooms was often overridden and the RTU was often running 24 hours a day. The RTU used 165.9 hours for the actual hours per week because it was not shut off when it was agreed to be shut off. Because of it being overridden we did not meet the guaranteed savings on the calculations for this section of the facility upgrades. Exhibit 7 contains trend data for each unit as well as a summary of energy savings.

Ames

Energy Calculations - Optimum and Schedule Start/Stop Strategy

AHU #	AREA SERVED	SUPPLY CFM	O.A. CFM	Measured KW	HVACHRS		HRSOCC	
					Baseline Hrs/Wk	Proposed Hrs/Wk	Actual Hrs/Wk	Savings Hrs/Wk
RTU-1	Loby	4800	960	2.98	84.0	70.0	70.0	14
RTU-2	Locker Room	3500	700	1.79	84.0	70.0	165.9	-82
RTU-3	Meeting Room	3400	680	1.79	84.0	70.0	47.8	36
RTU-4	Loby	6000	1,200	2.98	84.0	70.0	45.8	38



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Building Controls Upgrades – Hasse Ice Arena

General

Multiple rooftop units, makeup air units, and dehumidification units located at Hasse Ice Arena implemented control strategies to reduce total run time per week, resulting in energy savings over time.

Energy Savings

The energy savings were calculated using the control strategies that were put in place. The hours of operation for the existing units were brought down so that they are not running when there is no occupancy. The dehumidification unit was running significantly less than the proposed hours per week except for occasion with practice events. All other air handling units were performing under the baseline hours/week and guaranteed savings were made. A summary of the hours saved can be seen below. Exhibit 8 contains trend data for each unit as well as a summary of energy savings.

Hasse

Energy Calculations - Optimum and Schedule Start/Stop Strategy

AHU #	AREA SERVED	SUPPLY CFM	O.A. CFM	Measured KW	HVACHRS		actual Hrs/Wk	Savings Hrs/Wk
					Baseline Hrs/Wk	Proposed Hrs/Wk		
DH-UOCC	Dehumid _ UnOccupied	10000	500	8.95	67.2	139.6	16.8	50
DH-P1	Dehumid _ Practice 1	10000	2,160	8.95	67.2	20.0	14.0	53
DH-P2	Dehumid _ Practice 2	10000	4,060	8.95	25.2	0.0	14.0	11
DH-Ev	Dehumid _ Event	10000	8,500	8.95	8.4	8.4	0.8	8
MAU-1	0	4320	2,160	1.19	84.0	84.0	31.0	53
MAU-2	0	3800	1,900	1.19	84.0	84.0	36.0	48
RTU-1	Loby	6540	654	2.98	84.0	40.0	37.8	46
RTU-2	Restrooms	1900	190	0.90	84.0	84.0	60.0	24



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Other Observations

Below is a list of a few problems found during the measurement and verification process that should take further investigation.

1. The brine pumps were not scheduled to be offline during the hours of 12-4am in both ice arenas, and we will be reaching out to NAC to see if control modifications can take place.
2. The brine pumps located at the Hasse location are running at too high of a speed via VFD control and we will be reaching out to NAC to see if control modifications can take place.
3. The subfloor temperature may not be able to be changed to a lower setpoint based on the type of system that was installed.
4. The compressors at the Ames locations should be scheduled to cycle on and off in coherence with each other, so that each compressor obtains equal run time and the equipment does not age at different rates. This will allow for equipment savings over time in the facility. We will be reaching out to NAC to discuss possible control changes.



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Summary

Apex is pleased to report that the overall savings from this project are meeting the guaranteed amounts listed in the contract. There are facility improvements that did make their calculated savings and others that were under the guaranteed but overall, the savings were met.

The lighting that was done throughout the two ice arenas was just under the guaranteed mark due to the rink light addition hurting the savings and pre-existing fixtures having lower wattage measurements than initially thought.

Many of the facility improvement measures had stipulated savings. These included, building envelope, water conservation improvements, low emissivity ceilings, and window film improvements.

The refrigeration system improvements at the ice arena had some items that met the guarantee and others that did not, but again overall, the savings were met. The refrigeration night setback on both rinks did not come in as expected on the savings. The sub floor temperature at Ames was a little too warm, and the savings fell short in that category. The brine pump VFD speeds at Hasse were running a little too high, so savings were not met there as well. The refrigeration system at Ames exceeded savings expectations and the refrigeration controls upgrades at Hasse made some savings but fell short of guaranteed savings.

The controls on the RTU systems at Hasse ran quite well except for one unit that was running much longer than expected, which resulted in a loss of savings. The controls on the systems at Hasse ran well and made the guaranteed savings.



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Exhibit 1: Line by Line Lighting Calculations

The following tables summarize the room-by-room lighting energy use. These summary tables contain the existing, actual, and proposed measurements for each fixture type.

The tables on pages 19-20 describes the measurements on existing fixtures before the project took place at Ames Ice Arena, and the tables on pages 21-23 describes the measurements on fixtures installed during the project at Ames Ice Arena.

The tables on pages 24-25 describes the measurements on existing fixtures before the project took place at Hasse Ice Arena, and the tables on pages 26-28 describes the measurements on fixtures installed during the project at Hasse Ice Arena.

- The “PRE” measurements were taken prior to the project construction on the existing fixtures.
- The “POST” measurements were taken after the project on the new fixtures installed.
- Line items involving an ECM code whether “PRE” or “POST” were items that had a high number of replacements and thus required actual measurements obtained in the field. The ECM code was used to reference which fixture needed measurements.

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Location	Area	ID#	Room	Room Type	PRE Qty	High	Low	Average	PRE Fixtures	PRE Fixture Attributes
Ames Arena	Interior Lighting	1	Maintenance Entrance	Vestibule	6	0	0	0	1L 19W LEDS-M PAR38 [0xNULL]	Recessed Can
Ames Arena	Interior Lighting	2	Maintenance Room	Maintenance	1	9	1	0	1L 38W LEDS-M HID [0xNULL]	Porcelain Socket Surface
Ames Arena	Interior Lighting	4	Maintenance Room		1	0	0	0	1L 15W LEDS-MA19 [0xNULL]	Porcelain Socket Surface
Ames Arena	Interior Lighting	5	Rink 1 Lobby	Lobby	31	32	14	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	67	Rink 1 Lobby		2	0	0	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	6	Lobby 1 Mens	Restroom	5	47	13	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	7	Lobby 1 Womens	Restroom	5	45	12	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	8	Concession Stand	Kitchen	4	49	16	0	3L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	9	Concession Stand		4	35	16	0	3L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	10	Arena Office	Office - Open	5	33	9	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	11	Arena Office		1	39	28	0	4L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	12	Arena Manager Office	Office - Private	2	36	15	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	13	Meeting Room	Lobby	6	24	6	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	14	Meeting Room Storage	Storage	1	8	5	0	2L 40W LF4 T12 [1xMAG]	Vaportight 4' Surface
Ames Arena	Interior Lighting	15	Locker Room 1 & 2 Hallway	Hallway	1	9	3	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	16	Referees Room	Locker Room	2	25	13	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	17	Locker Room 2	Locker Room	4	24	6	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	18	Locker Room 2 Bathroom	Restroom	2	0	0	0	2L 40W LF4 T12 [1xMAG]	Vaportight 4' Surface
Ames Arena	Interior Lighting	19	Locker Room 1	Locker Room	3	20	6	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	20	Unisex Restroom 1	Restroom	1	12	5	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	21	Locke Room 3 & 4 Entry	Hallway	1	6	3	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	22	Locker Room 3	Locker Room	3	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	23	Locker Room 4	Locker Room	4	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	24	Locker Room 4 Bathroom	Restroom	2	17	9	0	2L 40W LF4 T12 [1xMAG]	Vaportight 4' Surface
Ames Arena	Interior Lighting	25	Lamp Storage	Storage	1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	26	Rink 1	Gym	32	53	17	0	1L 301W LED Linear Board [2xLED DRIVER]	Vaportight 2x4 Chain/Cable
Ames Arena	Interior Lighting	26	Rink 1	Gym	0	53	17	0	1L 301W LED Linear Board [2xLED DRIVER]	
Ames Arena	Interior Lighting	26	Rink 1	Gym	0	53	17	0	1L 301W LED Linear Board [2xLED DRIVER]	
Ames Arena	Interior Lighting	27	Rink 1		36	13	6	0	2L 40W LF4 T12 [1xMAG]	Vaportight 4' Surface
Ames Arena	Interior Lighting	28	Rink 1		6	0	0	0	1L 40W LF4 T12 [1xMAG]	Narrow Strip 4' Surface
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	7	27	5	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Wrap 4' Surface
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	3	27	5	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Wrap 4' Surface
Ames Arena	Interior Lighting	30	Girls Varsity		5	20	1	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	31	Girls Varsity		1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 1x4 Recessed
Ames Arena	Interior Lighting	31	Girls Varsity		1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 1x4 Recessed
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	7	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Wrap 4' Surface
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	3	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Wrap 4' Surface
Ames Arena	Interior Lighting	33	Boys Varsity		4	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	34	Boys Varsity		1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 1x4 Recessed
Ames Arena	Interior Lighting	34	Boys Varsity		1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 1x4 Recessed
Ames Arena	Interior Lighting	35	Ice Room Mechanical	Electrical/Mechanical	8	14	1	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Wall
Ames Arena	Interior Lighting	36	Water Heater Room	Electrical/Mechanical	2	9	3	0	2L 17W LL4A T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	37	Electrical Room	Electrical/Mechanical	3	23	11	0	2L 17W LL4A T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	38	Electrical Room		1	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	39	Rink 1 Zamboni	Electrical/Mechanical	7	14	4	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Wall
Ames Arena	Interior Lighting	40	Rink 2 Zamboni	Electrical/Mechanical	10	23	4	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	41	Rink 2	Gym	63	71	36	0	6L 32W LF4 T8 [2xELE T8 IS HP]	Highbay 2x4 Chain/Cable
Ames Arena	Interior Lighting	42	Locker Room 8	Locker Room	8	22	3	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	43	Locker Room 7	Locker Room	6	16	7	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	44	Locker Room 6	Locker Room	6	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	45	Locker Room 5	Locker Room	6	0	0	0	2L 32W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	46	Rink 2 Lobby	Lobby	7	0	0	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	68	Rink 2 Lobby		4	0	0	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Ames Arena	Interior Lighting	47	Rink 2 Mens	Restroom	4	55	4	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	48	Rink 2 Womens	Restroom	4	0	0	0	2L 25W LF4 T8 [1xELE T8 IS NP]	Vaportight 4' Surface
Ames Arena	Interior Lighting	49	Coaches LR	Locker Room	3	21	14	0	2L 40W LF4 T12 [1xMAG]	Vaportight 4' Surface
Ames Arena	Exterior Lighting	50	Rink 1 Entry	Exterior	3	0	0	0	1L 19W LEDS-M PAR38 [0xNULL]	Recessed Can
Ames Arena	Exterior Lighting	51	Rink 1 Entry		3	0	0	0	1L 26W CFS-M SPIRAL [0xNULL]	Surface
Ames Arena	Exterior Lighting	52	Rink 2 Entry	Exterior	1	0	0	0	1L 91W LED COB [1xLED DRIVER]	Shoe Box Wall
Ames Arena	Exterior Lighting	53	Rink 2 NW Exit	Exterior	1	0	0	0	1L 91W LED COB [1xLED DRIVER]	Shoe Box Wall
Ames Arena	Exterior Lighting	54	Rink 2 North Wall	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	55	Rink 2 East Wall	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	56	Rink 2 East Wall	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	57	Rink 2 East Wall	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	58	Rink 2 SE Exit	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	59	Zamboni Exit Door	Exterior	1	0	0	0	1L 91W LED COB [1xLED DRIVER]	Shoe Box Wall
Ames Arena	Exterior Lighting	60	Zamboni Overhead Door	Exterior	1	0	0	0	1L 91W LED COB [1xLED DRIVER]	Shoe Box Wall
Ames Arena	Exterior Lighting	61	Rink 1 East Exit	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	62	Rink 1 West Exit	Exterior	1	0	0	0	1L 250W MH MOG BASE HID [1xMAG]	Shoe Box Wall
Ames Arena	Exterior Lighting	63	Sidewalk Pole	Exterior	1	0	0	0	1L 400W HPS MOG BASE HID [1xMAG]	Pole Light
Ames Arena	Exterior Lighting	64	Handicap Parking	Exterior	1	0	0	0	1L 400W HPS MOG BASE HID [1xMAG]	Pole Light
Ames Arena	Exterior Lighting	65	Main Lot	Exterior	2	0	0	0	1L 400W HPS MOG BASE HID [1xMAG]	Pole Light
Ames Arena	Exterior Lighting	66	Main Lot	Exterior	2	0	0	0	1L 400W HPS MOG BASE HID [1xMAG]	Pole Light



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Location	Area	ID#	Room	Room Type	PRE ECM Code	PRE ECM Watts	PRE kW	PRE Watts	PRE kW Total	PRE Burn	PRE kWh
Ames Arena	Interior Lighting	1	Maintenance Entrance	Vestibule		19	0.019	19.000	0.114	4380	499
Ames Arena	Interior Lighting	2	Maintenance Room	Maintenance		38	0.038	38.000	0.038	4108	156
Ames Arena	Interior Lighting	4	Maintenance Room			15	0.015	15.000	0.015	4108	62
Ames Arena	Interior Lighting	5	Rink 1 Lobby	Lobby	ECMA	36.02158752	0.043	43.000	1.333	4108	5,476
Ames Arena	Interior Lighting	67	Rink 1 Lobby		ECMA	36.02158752	0.043	43.000	0.086	8760	753
Ames Arena	Interior Lighting	6	Lobby 1 Mens	Restroom	ECMA	36.02158752	0.043	43.000	0.215	2184	470
Ames Arena	Interior Lighting	7	Lobby 1 Womens	Restroom	ECMA	36.02158752	0.043	43.000	0.215	2184	470
Ames Arena	Interior Lighting	8	Concession Stand	Kitchen		63	0.063	63.000	0.252	4108	1,035
Ames Arena	Interior Lighting	9	Concession Stand			63	0.063	63.000	0.252	4108	1,035
Ames Arena	Interior Lighting	10	Arena Office	Office - Open	ECMA	36.02158752	0.043	43.000	0.215	4108	883
Ames Arena	Interior Lighting	11	Arena Office			85	0.085	85.000	0.085	4108	349
Ames Arena	Interior Lighting	12	Arena Manager Office	Office - Private	ECMA	36.02158752	0.043	43.000	0.086	4108	353
Ames Arena	Interior Lighting	13	Meeting Room	Lobby	ECMA	36.02158752	0.043	43.000	0.258	728	188
Ames Arena	Interior Lighting	14	Meeting Room Storage	Storage	ECMC	76.45519444	0.097	97.000	0.097	100	10
Ames Arena	Interior Lighting	15	Locker Room 1 & 2 Hallway	Hallway		58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	16	Referees Room	Locker Room		58	0.058	58.000	0.116	1460	169
Ames Arena	Interior Lighting	17	Locker Room 2	Locker Room		58	0.058	58.000	0.232	1460	339
Ames Arena	Interior Lighting	18	Locker Room 2 Bathroom	Restroom	ECMC	76.45519444	0.097	97.000	0.194	100	19
Ames Arena	Interior Lighting	19	Locker Room 1	Locker Room		58	0.058	58.000	0.174	1460	254
Ames Arena	Interior Lighting	20	Unisex Restroom 1	Restroom		58	0.058	58.000	0.058	2184	127
Ames Arena	Interior Lighting	21	Locke Room 3 & 4 Entry	Hallway		58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	22	Locker Room 3	Locker Room		58	0.058	58.000	0.174	1460	254
Ames Arena	Interior Lighting	23	Locker Room 4	Locker Room		58	0.058	58.000	0.232	1460	339
Ames Arena	Interior Lighting	24	Locker Room 4 Bathroom	Restroom	ECMC	76.45519444	0.097	97.000	0.194	1460	283
Ames Arena	Interior Lighting	25	Lamp Storage	Storage		58	0.058	58.000	0.058	250	15
Ames Arena	Interior Lighting	26	Rink 1	Gym	ECMD	260.048194	0.301	301.000	9.632	4108	39,568
Ames Arena	Interior Lighting	26	Rink 1	Gym		0	0.000	0.000	0	0	0
Ames Arena	Interior Lighting	26	Rink 1	Gym		0	0.000	0.000	0	0	0
Ames Arena	Interior Lighting	27	Rink 1		ECMC	76.45519444	0.097	97.000	3.492	2184	7,627
Ames Arena	Interior Lighting	28	Rink 1			51	0.051	51.000	0.306	4108	1,257
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room		58	0.058	58.000	0.406	1460	593
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room		58	0.058	58.000	0.174	1460	254
Ames Arena	Interior Lighting	30	Girls Varsity			58	0.058	58.000	0.29	1460	423
Ames Arena	Interior Lighting	31	Girls Varsity			58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	31	Girls Varsity			58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room		58	0.058	58.000	0.406	1460	593
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room		58	0.058	58.000	0.174	1460	254
Ames Arena	Interior Lighting	33	Boys Varsity			58	0.058	58.000	0.232	1460	339
Ames Arena	Interior Lighting	34	Boys Varsity			58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	34	Boys Varsity			58	0.058	58.000	0.058	1460	85
Ames Arena	Interior Lighting	35	Ice Room Mechanical	Electrical/Mechanical		58	0.058	58.000	0.464	4108	1,906
Ames Arena	Interior Lighting	36	Water Heater Room	Electrical/Mechanical		40	0.040	40.000	0.08	4108	329
Ames Arena	Interior Lighting	37	Electrical Room	Electrical/Mechanical		40	0.040	40.000	0.12	4108	493
Ames Arena	Interior Lighting	38	Electrical Room			58	0.058	58.000	0.058	4108	238
Ames Arena	Interior Lighting	39	Rink 1 Zamboni	Electrical/Mechanical		58	0.058	58.000	0.406	4108	1,668
Ames Arena	Interior Lighting	40	Rink 2 Zamboni	Electrical/Mechanical		58	0.058	58.000	0.58	4108	2,383
Ames Arena	Interior Lighting	41	Rink 2	Gym	ECMB	232.1733162	0.220	220.000	13.86	4108	56,937
Ames Arena	Interior Lighting	42	Locker Room 8	Locker Room		58	0.058	58.000	0.464	1460	677
Ames Arena	Interior Lighting	43	Locker Room 7	Locker Room		58	0.058	58.000	0.348	1460	508
Ames Arena	Interior Lighting	44	Locker Room 6	Locker Room		58	0.058	58.000	0.348	1460	508
Ames Arena	Interior Lighting	45	Locker Room 5	Locker Room		58	0.058	58.000	0.348	1460	508
Ames Arena	Interior Lighting	46	Rink 2 Lobby	Lobby	ECMA	36.02158752	0.043	43.000	0.301	4108	1,237
Ames Arena	Interior Lighting	68	Rink 2 Lobby		ECMA	36.02158752	0.043	43.000	0.172	8760	1,507
Ames Arena	Interior Lighting	47	Rink 2 Mens	Restroom	ECMA	36.02158752	0.043	43.000	0.172	2184	376
Ames Arena	Interior Lighting	48	Rink 2 Womens	Restroom	ECMA	36.02158752	0.043	43.000	0.172	2184	376
Ames Arena	Interior Lighting	49	Coaches LR	Locker Room	ECMC	76.45519444	0.097	97.000	0.291	1460	425
Ames Arena	Exterior Lighting	50	Rink 1 Entry	Exterior		19	0.019	19.000	0.057	4380	250
Ames Arena	Exterior Lighting	51	Rink 1 Entry			26	0.026	26.000	0.078	4380	342
Ames Arena	Exterior Lighting	52	Rink 2 Entry	Exterior		91	0.091	91.000	0.091	4380	399
Ames Arena	Exterior Lighting	53	Rink 2 NW Exit	Exterior		91	0.091	91.000	0.091	4380	399
Ames Arena	Exterior Lighting	54	Rink 2 North Wall	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	55	Rink 2 East Wall	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	56	Rink 2 East Wall	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	57	Rink 2 East Wall	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	58	Rink 2 SE Exit	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	59	Zamboni Exit Door	Exterior		91	0.091	91.000	0.091	4380	399
Ames Arena	Exterior Lighting	60	Zamboni Overhead Door	Exterior		91	0.091	91.000	0.091	4380	399
Ames Arena	Exterior Lighting	61	Rink 1 East Exit	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	62	Rink 1 West Exit	Exterior		295	0.295	295.000	0.295	4380	1,292
Ames Arena	Exterior Lighting	63	Sidewalk Pole	Exterior		457	0.457	457.000	0.457	4380	2,002
Ames Arena	Exterior Lighting	64	Handicap Parking	Exterior		457	0.457	457.000	0.457	4380	2,002
Ames Arena	Exterior Lighting	65	Main Lot	Exterior		457	0.457	457.000	0.914	4380	4,003
Ames Arena	Exterior Lighting	66	Main Lot	Exterior		457	0.457	457.000	0.914	4380	4,003



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MEASUREMENT & VERIFICATION REPORT

Location	Area	ID#	Room	Room Type	Action	POST Qty	POST Solution	POST Description
Ames Arena	Interior Lighting	1	Maintenance Entrance	Vestibule	Retrofit	6	GE-LRX-R8-10-8-40-MD	13W LED 8" Commercial Recessed Can Retrofit 4000K 0-10V
Ames Arena	Interior Lighting	2	Maintenance Room	Maintenance	Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Interior Lighting	4	Maintenance Room		Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Interior Lighting	5	Rink 1 Lobby	Lobby	Retrofit	31	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	67	Rink 1 Lobby		Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	6	Lobby 1 Mens	Restroom	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	7	Lobby 1 Womens	Restroom	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	8	Concession Stand	Kitchen	Retrofit	4	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	9	Concession Stand		Retrofit	4	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	10	Arena Office	Office - Open	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	11	Arena Office		Retrofit	1	ESPEN-448-15W-40-DE	Retrofit Fixture w/ (4) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	12	Arena Manager Office	Office - Private	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	13	Meeting Room	Lobby	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	14	Meeting Room Storage	Storage	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	15	Locker Room 1 & 2 Hallway	Hallway	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	16	Referees Room	Locker Room	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	17	Locker Room 2	Locker Room	Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	18	Locker Room 2 Bathroom	Restroom	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	19	Locker Room 1	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	20	Unisex Restroom 1	Restroom	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	21	Locke Room 3 & 4 Entry	Hallway	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	22	Locker Room 3	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	23	Locker Room 4	Locker Room	Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	24	Locker Room 4 Bathroom	Restroom	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	25	Lamp Storage	Storage	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	26	Rink 1	Gym	Replace	32	LITHONIA-IBG-144W-50K-AFL-GND-RIO-WGX-DWH	144W IBG LED High Bay Fixture, 5000K, 24000 Nominal Lumens, Standard Efficiency, Acrylic Frosted Lens, General Distribution, and White Finish - Includes Wire Guard and nLight AIR (wireless) Gen 2 Control Device
Ames Arena	Interior Lighting	26	Rink 1	Gym	Install	31	LITHONIA-IBG-144W-50K-AFL-GND-RIO-WGX-DWH	144W IBG LED High Bay Fixture, 5000K, 24000 Nominal Lumens, Standard Efficiency, Acrylic Frosted Lens, General Distribution, and White Finish - Includes Wire Guard and nLight AIR (wireless) Gen 2 Control Device
Ames Arena	Interior Lighting	26	Rink 1	Gym	Install	7	LITHONIA-IBG-48W-50K-AFL-GND-RIO-WGX-DWH	48W IBG LED High Bay Fixture, 5000K, 8000 Nominal Lumens, Standard Efficiency, Acrylic Frosted Lens, General Distribution, and White Finish - Includes Wire Guard and nLight AIR (wireless) Gen 2 Control Device
Ames Arena	Interior Lighting	27	Rink 1		Retrofit	36	2L 32W LF4 T8 [1x ELE T8 IS NP]	Standard Strip 4' Chain/Cable
Ames Arena	Interior Lighting	28	Rink 1		Retrofit	6	ESPEN-148-15W-40-DE	Retrofit Fixture w/ (1) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	Retrofit	7	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Ames Arena	Interior Lighting	30	Girls Varsity		Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	31	Girls Varsity		Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	31	Girls Varsity		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	Retrofit	7	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Ames Arena	Interior Lighting	33	Boys Varsity		Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	34	Boys Varsity		Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	34	Boys Varsity		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Ames Arena	Interior Lighting	35	Ice Room Mechanical	Electrical/Mechanical	Retrofit	8	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	36	Water Heater Room	Electrical/Mechanical	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	37	Electrical Room	Electrical/Mechanical	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	38	Electrical Room		Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	39	Rink 1 Zamboni	Electrical/Mechanical	Retrofit	7	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	40	Rink 2 Zamboni	Electrical/Mechanical	Retrofit	10	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	41	Rink 2	Gym	Replace	63	LITHONIA-IBG-105W-50K-AFL-GND-RIO-WGX-DWH	105W IBG LED High Bay Fixture, 5000K, 18000 Nominal Lumens, Standard Efficiency, Acrylic Frosted Lens, General Distribution, and White Finish - Includes Wire Guard and nLight AIR (wireless) Gen 2 Control Device
Ames Arena	Interior Lighting	42	Locker Room 8	Locker Room	Retrofit	8	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	43	Locker Room 7	Locker Room	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	44	Locker Room 6	Locker Room	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	45	Locker Room 5	Locker Room	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	46	Rink 2 Lobby	Lobby	Retrofit	7	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	68	Rink 2 Lobby		Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	47	Rink 2 Mens	Restroom	Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	48	Rink 2 Womens	Restroom	Retrofit	4	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Interior Lighting	49	Coaches LR	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Ames Arena	Exterior Lighting	50	Rink 1 Entry	Exterior	Do Nothing	3	Do Nothing	Do Nothing
Ames Arena	Exterior Lighting	51	Rink 1 Entry		Relamp	3	GC-15W-A21-40K-1L	Relamp Fixture w/ (1) x 15W LED A21 E26 4000K Dimmable 92CRI
Ames Arena	Exterior Lighting	52	Rink 2 Entry	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Exterior Lighting	53	Rink 2 NW Exit	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Exterior Lighting	54	Rink 2 North Wall	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	55	Rink 2 East Wall	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	56	Rink 2 East Wall	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	57	Rink 2 East Wall	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	58	Rink 2 SE Exit	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	59	Zamboni Exit Door	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Exterior Lighting	60	Zamboni Overhead Door	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Ames Arena	Exterior Lighting	61	Rink 1 East Exit	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	62	Rink 1 West Exit	Exterior	Replace	1	RAB-WPLED-77W-T4-50K-DB	77W LED Wallpack Type 4 Optics 5000K Dark Bronze Finish
Ames Arena	Exterior Lighting	63	Sidewalk Pole	Exterior	Replace	1	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DDBXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and Dark Bronze Finish - Includes Square Pole Mounting
Ames Arena	Exterior Lighting	64	Handicap Parking	Exterior	Replace	1	LITHONIA-RSX2-111W-40K-R4-MVOLT-SPA-DDBXD	111W RSX2 LED Area Luminaire, 4000K, Type 4 Optics, 120-277V, and Dark Bronze Finish - Includes Square Pole Mounting
Ames Arena	Exterior Lighting	65	Main Lot	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DDBXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and Dark Bronze Finish - Includes Square Pole Mounting
Ames Arena	Exterior Lighting	66	Main Lot	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DDBXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and Dark Bronze Finish - Includes Square Pole Mounting



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Location	Area	ID#	Room	Room Type	Control	Control Hrs Saved	New Burn	POST ECM Code	POST ECM Watts	POST kW	POST Watts/Fx	POST kWh
Ames Arena	Interior Lighting	1	Maintenance Entrance	Vestibule		0	4380	13		0.078	13.000	341.64
Ames Arena	Interior Lighting	2	Maintenance Room	Maintenance		0	4108	38		0.038	38.000	156.10
Ames Arena	Interior Lighting	4	Maintenance Room			0	4108	15		0.015	15.000	61.62
Ames Arena	Interior Lighting	5	Rink 1 Lobby	Lobby		0	4108	ECMA (Post)	27.92655806	0.930	30.000	3,820.44
Ames Arena	Interior Lighting	67	Rink 1 Lobby			0	8760	ECMA (Post)	27.92655806	0.060	30.000	525.60
Ames Arena	Interior Lighting	6	Lobby 1 Mens	Restroom		0	2184	ECMA (Post)	27.92655806	0.150	30.000	327.60
Ames Arena	Interior Lighting	7	Lobby 1 Womens	Restroom		0	2184	ECMA (Post)	27.92655806	0.150	30.000	327.60
Ames Arena	Interior Lighting	8	Concession Stand	Kitchen	LUTRON-LRF2-POWPAK (1)	1232	2876	45		0.180	45.000	517.61
Ames Arena	Interior Lighting	9	Concession Stand			0	4108	45		0.180	45.000	739.44
Ames Arena	Interior Lighting	10	Arena Office	Office - Open		0	4108	ECMA (Post)	27.92655806	0.150	30.000	616.20
Ames Arena	Interior Lighting	11	Arena Office			0	4108	60		0.060	60.000	246.48
Ames Arena	Interior Lighting	12	Arena Manager Office	Office - Private	LUTRON-WS-DT-GR (1)	1232	2876	ECMA (Post)	27.92655806	0.060	30.000	172.54
Ames Arena	Interior Lighting	13	Meeting Room	Lobby	LUTRON-OWLB-POWPAK (1)	218	510	ECMA (Post)	27.92655806	0.180	30.000	91.73
Ames Arena	Interior Lighting	14	Meeting Room Storage	Storage		0	100	ECMA (Post)	27.92655806	0.030	30.000	3.00
Ames Arena	Interior Lighting	15	Locker Room 1 & 2 Hallway	Hallway		0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	16	Referees Room	Locker Room		0	1460	ECMA (Post)	27.92655806	0.060	30.000	87.60
Ames Arena	Interior Lighting	17	Locker Room 2	Locker Room		0	1460	ECMA (Post)	27.92655806	0.120	30.000	175.20
Ames Arena	Interior Lighting	18	Locker Room 2 Bathroom	Restroom	LUTRON-WS-DT-GR (1)	30	70	ECMA (Post)	27.92655806	0.060	30.000	4.20
Ames Arena	Interior Lighting	19	Locker Room 1	Locker Room		0	1460	ECMA (Post)	27.92655806	0.090	30.000	131.40
Ames Arena	Interior Lighting	20	Unisex Restroom 1	Restroom		0	2184	ECMA (Post)	27.92655806	0.030	30.000	65.52
Ames Arena	Interior Lighting	21	Locke Room 3 & 4 Entry	Hallway		0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	22	Locker Room 3	Locker Room		0	1460	ECMA (Post)	27.92655806	0.090	30.000	131.40
Ames Arena	Interior Lighting	23	Locker Room 4	Locker Room		0	1460	ECMA (Post)	27.92655806	0.120	30.000	175.20
Ames Arena	Interior Lighting	24	Locker Room 4 Bathroom	Restroom	LUTRON-WS-DT-GR (1)	438	1022	ECMA (Post)	27.92655806	0.060	30.000	61.32
Ames Arena	Interior Lighting	25	Lamp Storage	Storage		0	250	ECMA (Post)	27.92655806	0.030	30.000	7.50
Ames Arena	Interior Lighting	26	Rink 1	Gym		0	4108	ECMD (Post)	159.076556	4.608	144.000	18,929.66
Ames Arena	Interior Lighting	26	Rink 1	Gym		0	4108	ECMD (Post)	159.076556	4.464	144.000	18,338.11
Ames Arena	Interior Lighting	26	Rink 1	Gym		0	4108	48		0.336	48.000	1,380.29
Ames Arena	Interior Lighting	27	Rink 1			0	2184	ECMC (Post)	34.23334033	2.088	58.000	2,358.72
Ames Arena	Interior Lighting	28	Rink 1			0	4108	15		0.090	15.000	369.72
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room		0	1460	ECMA (Post)	27.92655806	0.210	30.000	306.60
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room		0	1460	ECMA (Post)	27.92655806	0.090	30.000	131.40
Ames Arena	Interior Lighting	30	Girls Varsity		LUTRON-WS-PIR-GR (2)	730	730	ECMA (Post)	27.92655806	0.150	30.000	109.50
Ames Arena	Interior Lighting	31	Girls Varsity			0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	31	Girls Varsity			0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room		0	1460	ECMA (Post)	27.92655806	0.210	30.000	306.60
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room		0	1460	ECMA (Post)	27.92655806	0.090	30.000	131.40
Ames Arena	Interior Lighting	33	Boys Varsity		LUTRON-WS-PIR-GR (2)	730	730	ECMA (Post)	27.92655806	0.120	30.000	87.60
Ames Arena	Interior Lighting	34	Boys Varsity			0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	34	Boys Varsity			0	1460	ECMA (Post)	27.92655806	0.030	30.000	43.80
Ames Arena	Interior Lighting	35	Ice Room Mechanical	Electrical/Mechanical		0	4108	ECMA (Post)	27.92655806	0.240	30.000	985.92
Ames Arena	Interior Lighting	36	Water Heater Room	Electrical/Mechanical		0	4108	ECMA (Post)	27.92655806	0.060	30.000	246.48
Ames Arena	Interior Lighting	37	Electrical Room	Electrical/Mechanical		0	4108	ECMA (Post)	27.92655806	0.090	30.000	369.72
Ames Arena	Interior Lighting	38	Electrical Room			0	4108	ECMA (Post)	27.92655806	0.030	30.000	123.24
Ames Arena	Interior Lighting	39	Rink 1 Zamboni	Electrical/Mechanical		0	4108	ECMA (Post)	27.92655806	0.210	30.000	862.68
Ames Arena	Interior Lighting	40	Rink 2 Zamboni	Electrical/Mechanical		0	4108	ECMA (Post)	27.92655806	0.300	30.000	1,232.40
Ames Arena	Interior Lighting	41	Rink 2	Gym		0	4108	ECMB (Post)	111.8022102	6.615	105.000	27,174.42
Ames Arena	Interior Lighting	42	Locker Room 8	Locker Room		0	1460	ECMA (Post)	27.92655806	0.240	30.000	350.40
Ames Arena	Interior Lighting	43	Locker Room 7	Locker Room		0	1460	ECMA (Post)	27.92655806	0.180	30.000	262.80
Ames Arena	Interior Lighting	44	Locker Room 6	Locker Room		0	1460	ECMA (Post)	27.92655806	0.180	30.000	262.80
Ames Arena	Interior Lighting	45	Locker Room 5	Locker Room		0	1460	ECMA (Post)	27.92655806	0.180	30.000	262.80
Ames Arena	Interior Lighting	46	Rink 2 Lobby	Lobby		0	4108	ECMA (Post)	27.92655806	0.210	30.000	862.68
Ames Arena	Interior Lighting	68	Rink 2 Lobby			0	8760	ECMA (Post)	27.92655806	0.120	30.000	1,051.20
Ames Arena	Interior Lighting	47	Rink 2 Mens	Restroom		0	2184	ECMA (Post)	27.92655806	0.120	30.000	262.08
Ames Arena	Interior Lighting	48	Rink 2 Womens	Restroom		0	2184	ECMA (Post)	27.92655806	0.120	30.000	262.08
Ames Arena	Interior Lighting	49	Coaches LR	Locker Room	LUTRON-WS-PIR-GR (1)	438	1022	ECMA (Post)	27.92655806	0.090	30.000	91.98
Ames Arena	Exterior Lighting	50	Rink 1 Entry	Exterior		0	4380	19		0.057	19.000	249.66
Ames Arena	Exterior Lighting	51	Rink 1 Entry			0	4380	15		0.045	15.000	197.10
Ames Arena	Exterior Lighting	52	Rink 2 Entry	Exterior		0	4380	91		0.091	91.000	398.58
Ames Arena	Exterior Lighting	53	Rink 2 NW Exit	Exterior		0	4380	91		0.091	91.000	398.58
Ames Arena	Exterior Lighting	54	Rink 2 North Wall	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	55	Rink 2 East Wall	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	56	Rink 2 East Wall	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	57	Rink 2 East Wall	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	58	Rink 2 SE Exit	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	59	Zamboni Exit Door	Exterior		0	4380	91		0.091	91.000	398.58
Ames Arena	Exterior Lighting	60	Zamboni Overhead Door	Exterior		0	4380	91		0.091	91.000	398.58
Ames Arena	Exterior Lighting	61	Rink 1 East Exit	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	62	Rink 1 West Exit	Exterior		0	4380	77		0.077	77.000	337.26
Ames Arena	Exterior Lighting	63	Sidewalk Pole	Exterior		0	4380	111		0.111	111.000	486.18
Ames Arena	Exterior Lighting	64	Handicap Parking	Exterior		0	4380	111		0.111	111.000	486.18
Ames Arena	Exterior Lighting	65	Main Lot	Exterior		0	4380	111		0.222	111.000	972.36
Ames Arena	Exterior Lighting	66	Main Lot	Exterior		0	4380	111		0.222	111.000	972.36



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Location	Area	ID#	Room	Room Type	kW Saved Actual	kWh Saved Actual	kW Saved Proposed	kWh Saved Proposed
Ames Arena	Interior Lighting	1	Maintenance Entrance	Vestibule	0.036	157.68	0.036	157.68
Ames Arena	Interior Lighting	2	Maintenance Room	Maintenance	0	0	0	0
Ames Arena	Interior Lighting	4	Maintenance Room		0	0	0	0
Ames Arena	Interior Lighting	5	Rink 1 Lobby	Lobby	0.250945913	1030.885811	0.403	1655.524
Ames Arena	Interior Lighting	67	Rink 1 Lobby		0.016190059	141.824916	0.026	227.76
Ames Arena	Interior Lighting	6	Lobby 1 Mens	Restroom	0.040475147	88.39772161	0.065	141.96
Ames Arena	Interior Lighting	7	Lobby 1 Womens	Restroom	0.040475147	88.39772161	0.065	141.96
Ames Arena	Interior Lighting	8	Concession Stand	Kitchen	0.072	517.536	0.072	517.536
Ames Arena	Interior Lighting	9	Concession Stand		0.072	295.776	0.072	295.776
Ames Arena	Interior Lighting	10	Arena Office	Office - Open	0.040475147	166.2719049	0.065	267.02
Ames Arena	Interior Lighting	11	Arena Office		0.025	102.7	0.025	102.7
Ames Arena	Interior Lighting	12	Arena Manager Office	Office - Private	0.016190059	135.319801	0.026	180.728
Ames Arena	Interior Lighting	13	Meeting Room	Lobby	0.048570177	71.88702659	0.078	96.024
Ames Arena	Interior Lighting	14	Meeting Room Storage	Storage	0.048528636	4.852863638	0.067	6.7
Ames Arena	Interior Lighting	15	Locker Room 1 & 2 Hallway	Hallway	0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	16	Referees Room	Locker Room	0.060146884	87.81445045	0.056	81.76
Ames Arena	Interior Lighting	17	Locker Room 2	Locker Room	0.120293768	175.6289009	0.112	163.52
Ames Arena	Interior Lighting	18	Locker Room 2 Bathroom	Restroom	0.097057273	11.38132076	0.134	15.2
Ames Arena	Interior Lighting	19	Locker Room 1	Locker Room	0.090220326	131.7216757	0.084	122.64
Ames Arena	Interior Lighting	20	Unisex Restroom 1	Restroom	0.030073442	65.68039719	0.028	61.152
Ames Arena	Interior Lighting	21	Locke Room 3 & 4 Entry	Hallway	0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	22	Locker Room 3	Locker Room	0.090220326	131.7216757	0.084	122.64
Ames Arena	Interior Lighting	23	Locker Room 4	Locker Room	0.120293768	175.6289009	0.112	163.52
Ames Arena	Interior Lighting	24	Locker Room 4 Bathroom	Restroom	0.097057273	166.1672831	0.134	221.92
Ames Arena	Interior Lighting	25	Lamp Storage	Storage	0.030073442	7.518360484	0.028	7
Ames Arena	Interior Lighting	26	Rink 1	Gym	3.231092416	13273.32764	5.024	20638.592
Ames Arena	Interior Lighting	26	Rink 1	Gym	-4.931373236	-20258.08125	-4.464	-18338.112
Ames Arena	Interior Lighting	26	Rink 1	Gym	-0.336	-1380.288	-0.336	-1380.288
Ames Arena	Interior Lighting	27	Rink 1		1.519986748	3319.651058	1.404	3066.336
Ames Arena	Interior Lighting	28	Rink 1		0.216	887.328	0.216	887.328
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	0.210514094	307.3505766	0.196	286.16
Ames Arena	Interior Lighting	29	Girls Varsity	Locker Room	0.090220326	131.7216757	0.084	122.64
Ames Arena	Interior Lighting	30	Girls Varsity		0.15036721	321.4680631	0.14	313.9
Ames Arena	Interior Lighting	31	Girls Varsity		0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	31	Girls Varsity		0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	0.210514094	307.3505766	0.196	286.16
Ames Arena	Interior Lighting	32	Boys Varsity	Locker Room	0.090220326	131.7216757	0.084	122.64
Ames Arena	Interior Lighting	33	Boys Varsity		0.120293768	257.1744505	0.112	251.12
Ames Arena	Interior Lighting	34	Boys Varsity		0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	34	Boys Varsity		0.030073442	43.90722523	0.028	40.88
Ames Arena	Interior Lighting	35	Ice Room Mechanical	Electrical/Mechanical	0.240587535	988.3335958	0.224	920.192
Ames Arena	Interior Lighting	36	Water Heater Room	Electrical/Mechanical	0.024146884	99.19539894	0.02	82.16
Ames Arena	Interior Lighting	37	Electrical Room	Electrical/Mechanical	0.036220326	148.7930984	0.03	123.24
Ames Arena	Interior Lighting	38	Electrical Room		0.030073442	123.5416995	0.028	115.024
Ames Arena	Interior Lighting	39	Rink 1 Zamboni	Electrical/Mechanical	0.210514094	864.7918963	0.196	805.168
Ames Arena	Interior Lighting	40	Rink 2 Zamboni	Electrical/Mechanical	0.300734419	1235.416995	0.28	1150.24
Ames Arena	Interior Lighting	41	Rink 2	Gym	7.583379681	31152.52373	7.245	29762.46
Ames Arena	Interior Lighting	42	Locker Room 8	Locker Room	0.240587535	351.2578018	0.224	327.04
Ames Arena	Interior Lighting	43	Locker Room 7	Locker Room	0.180440652	263.4433514	0.168	245.28
Ames Arena	Interior Lighting	44	Locker Room 6	Locker Room	0.180440652	263.4433514	0.168	245.28
Ames Arena	Interior Lighting	45	Locker Room 5	Locker Room	0.180440652	263.4433514	0.168	245.28
Ames Arena	Interior Lighting	46	Rink 2 Lobby	Lobby	0.056665206	232.7806669	0.091	373.828
Ames Arena	Interior Lighting	68	Rink 2 Lobby		0.032380118	283.649832	0.052	455.52
Ames Arena	Interior Lighting	47	Rink 2 Mens	Restroom	0.032380118	70.71817729	0.052	113.568
Ames Arena	Interior Lighting	48	Rink 2 Womens	Restroom	0.032380118	70.71817729	0.052	113.568
Ames Arena	Interior Lighting	49	Coaches LR	Locker Room	0.145585909	249.2509246	0.201	332.88
Ames Arena	Exterior Lighting	50	Rink 1 Entry	Exterior	0	0	0	0
Ames Arena	Exterior Lighting	51	Rink 1 Entry		0.033	144.54	0.033	144.54
Ames Arena	Exterior Lighting	52	Rink 2 Entry	Exterior	0	0	0	0
Ames Arena	Exterior Lighting	53	Rink 2 NW Exit	Exterior	0	0	0	0
Ames Arena	Exterior Lighting	54	Rink 2 North Wall	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	55	Rink 2 East Wall	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	56	Rink 2 East Wall	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	57	Rink 2 East Wall	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	58	Rink 2 SE Exit	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	59	Zamboni Exit Door	Exterior	0	0	0	0
Ames Arena	Exterior Lighting	60	Zamboni Overhead Door	Exterior	0	0	0	0
Ames Arena	Exterior Lighting	61	Rink 1 East Exit	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	62	Rink 1 West Exit	Exterior	0.218	954.84	0.218	954.84
Ames Arena	Exterior Lighting	63	Sidewalk Pole	Exterior	0.346	1515.48	0.346	1515.48
Ames Arena	Exterior Lighting	64	Handicap Parking	Exterior	0.346	1515.48	0.346	1515.48
Ames Arena	Exterior Lighting	65	Main Lot	Exterior	0.692	3030.96	0.692	3030.96
Ames Arena	Exterior Lighting	66	Main Lot	Exterior	0.692	3030.96	0.692	3030.96



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Location	Area	ID#	Room	Room Type	PRE Qty	High	Low	Average	PRE Fixture	PRE Fixture Description
Hasse Arena	Interior Lighting	1	Main Entrance	Vestibule	2	0	0	0	1L 19W LEDS-M A23 [0x NULL]	Recessed Can
Hasse Arena	Interior Lighting	2	Lobby Cans	Lobby	6	0	0	0	1L 12W LED-PL DBL TUBE 4PIN [1x MAG ES]	Recessed Can 7" Can
Hasse Arena	Interior Lighting	3	Lobby Area	Lobby	27	54	24	0	4L 32W LF4 T8 [1x ELE T8 IS NP]	Standard Strip 8' Chain/Cable
Hasse Arena	Interior Lighting	4	Lobby Area		2	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Standard Strip 4' Chain/Cable
Hasse Arena	Interior Lighting	5	Lobby Area		4	0	0	0	1L 42W CFN TRPL TUBE 4PIN N-I [1x MAG ES]	Recessed Can 6"
Hasse Arena	Interior Lighting	70	Lobby Area		2	0	0	0	4L 32W LF4 T8 [1x ELE T8 IS NP]	Standard Strip 8' Chain/Cable
Hasse Arena	Interior Lighting	6	Concession Stand	Kitchen	6	55	6	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	7	Concession Stand		4	0	0	0	1L 12W LED-PL DBL TUBE 4PIN [1x MAG ES]	Recessed Can 6" Can
Hasse Arena	Interior Lighting	8	Arena Office	Office - Open	5	60	28	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	9	Sharpening Room		1	31	15	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	10	Arena Manager	Office - Private	4	0	0	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	5	56	16	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	1	56	16	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	12	Mens Mechanical	Electrical/Mechanical	6	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	13	Unisex Restroom	Restroom	1	43	26	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	7	0	0	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	1	0	0	0	3L 32W LF4 T8 [1x ELE T8 IS NP]	Lensed Troffer 2x4 Recessed
Hasse Arena	Interior Lighting	15	Elevator		8	0	0	0	1L 4W LED-GU MR16 GU 5.3 [0x NULL]	Recessed Can * *
Hasse Arena	Interior Lighting	16	Elevator Mechanical	Electrical/Mechanical	1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	17	Locker Room Hallway	Hallway	11	13	3	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Wall
Hasse Arena	Interior Lighting	18	Locker Room Hallway		7	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Wall
Hasse Arena	Interior Lighting	19	Meeting Room	Meeting Room	5	32	13	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	20	Meeting Room		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	21	Team Room 1	Locker Room	5	27	14	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	22	Team Room 1		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	23	Team Room 1 Storage	Storage	1	40	10	0	4L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 8' Surface
Hasse Arena	Interior Lighting	24	Unisex #2	Restroom	1	11	8	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	25	Unisex #3	Restroom	1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	26	Custodial Closet	Maintenance	1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	27	Referee Lockerroom	Locker Room	2	16	7	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	28	Team Room 2	Locker Room	5	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	29	Team Room 2		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	30	Team Room 3	Locker Room	6	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	31	Team Room 3		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	32	Team Room 4	Locker Room	6	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	33	Team Room 4		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	34	Varsity Mens	Locker Room	12	19	6	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Chain/Cable
Hasse Arena	Interior Lighting	35	Varsity Mens		2	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	36	Varsity Mens Coaches	Locker Room	3	15	5	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Chain/Cable
Hasse Arena	Interior Lighting	37	Varsity Mens Coaches		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	38	Chair Storage	Maintenance	2	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	39	Varsity Womens Coaches	Locker Room	3	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Chain/Cable
Hasse Arena	Interior Lighting	40	Varsity Womens Coaches		1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	41	Varsity Womens	Locker Room	12	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Chain/Cable
Hasse Arena	Interior Lighting	42	Varsity Womens		2	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Surface
Hasse Arena	Interior Lighting	43	Large Storage	Storage	6	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	44	Glass Storage	Storage	1	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Surface
Hasse Arena	Interior Lighting	45	Ice Plant	Electrical/Mechanical	9	23	8	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	46	Ice Plant Electrical	Electrical/Mechanical	9	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	47	Ice Resurfacers	Electrical/Mechanical	12	29	9	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Economy Industrial 4' Chain/Cable
Hasse Arena	Interior Lighting	48	Ice Sheet	Gym	55	107	67	82	12L 54W LF4 T5 [4x ELE T5 HO]	Highbay 2x8 Chain/Cable
Hasse Arena	Interior Lighting	49	Upper Concourse	Commons	9	10	4	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Wall
Hasse Arena	Interior Lighting	50	Upper Concourse		2	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Standard Strip 4' Surface
Hasse Arena	Interior Lighting	71	Upper Concourse		7	0	0	0	2L 32W LF4 T8 [1x ELE T8 IS NP]	Wrap 4' Wall
Hasse Arena	Exterior Lighting	51	Entry Canopy	Exterior	2	0	0	0	1L 19W LEDS-M A23 [0x NULL]	Recessed Can
Hasse Arena	Exterior Lighting	52	Entry Bollards	Exterior	10	0	0	0	1L 14W LEDS-M HID [0x NULL]	Bollard
Hasse Arena	Exterior Lighting	53	NE Exit		1	0	0	0	1L 14W LEDS-M HID [0x NULL]	Wallpack
Hasse Arena	Exterior Lighting	54	Nw Exit	Exterior	1	0	0	0	1L 14W LEDS-M HID [0x NULL]	Wallpack
Hasse Arena	Exterior Lighting	55	West Wall	Exterior	1	0	0	0	1L 14W LEDS-M HID [0x NULL]	Wallpack
Hasse Arena	Exterior Lighting	56	SE Exit	Exterior	1	0	0	0	1L 14W LEDS-M HID [0x NULL]	Wallpack
Hasse Arena	Exterior Lighting	57	Facade Floods		4	0	0	0	1L 100W MH MED BASE HID [1x MAG]	Flood
Hasse Arena	Exterior Lighting	58	Parking Lot South Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	59	Parking Lot South Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	60	Parking Lot South Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	61	Parking Lot South Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	62	Parking Lot South Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	63	Parking Lot South Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	64	Parking Lot North Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	65	Parking Lot North Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	66	Parking Lot North Central Row	Exterior	2	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	67	Parking Lot North Row	Exterior	1	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	68	Parking Lot North Row	Exterior	1	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light
Hasse Arena	Exterior Lighting	69	Parking Lot Entrance	Exterior	1	0	0	0	1L 320W MH MOG BASE PULSE HID [1x MAG]	Pole Light



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Location	Area	ID#	Room	Room Type	PRE ECM Code	PRE ECM Watts	PRE kW	PRE Watts	PRE kW Total	PRE Burn	PRE kWh
Hasse Arena	Interior Lighting	1	Main Entrance	Vestibule		19	0.019	19.000	0.038	4380	166
Hasse Arena	Interior Lighting	2	Lobby Cans	Lobby		14	0.014	14.000	0.084	2054	173
Hasse Arena	Interior Lighting	3	Lobby Area	Lobby	ECMD	96.8301495	0.110	110.000	2.97	2054	6,100
Hasse Arena	Interior Lighting	4	Lobby Area		ECMA	48.07253908	0.058	58.000	0.116	2054	238
Hasse Arena	Interior Lighting	5	Lobby Area			42	0.042	42.000	0.168	2054	345
Hasse Arena	Interior Lighting	70	Lobby Area		ECMD	96.8301495	0.110	110.000	0.22	8760	1,927
Hasse Arena	Interior Lighting	6	Concession Stand	Kitchen	ECMC	74.4601	0.085	85.000	0.51	728	371
Hasse Arena	Interior Lighting	7	Concession Stand			14	0.014	14.000	0.056	728	41
Hasse Arena	Interior Lighting	8	Arena Office	Office - Open	ECMC	74.4601	0.085	85.000	0.425	2054	873
Hasse Arena	Interior Lighting	9	Sharpening Room		ECMA	48.07253908	0.058	58.000	0.058	2054	119
Hasse Arena	Interior Lighting	10	Arena Manager	Office - Private	ECMC	74.4601	0.085	85.000	0.34	2054	698
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	ECMC	74.4601	0.085	85.000	0.425	1460	621
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	ECMC	74.4601	0.085	85.000	0.085	1460	124
Hasse Arena	Interior Lighting	12	Mens Mechanical	Electrical/Mechanical	ECMA	48.07253908	0.058	58.000	0.348	100	35
Hasse Arena	Interior Lighting	13	Unisex Restroom	Restroom	ECMC	74.4601	0.085	85.000	0.085	1460	124
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	ECMC	74.4601	0.085	85.000	0.595	1460	869
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	ECMC	74.4601	0.085	85.000	0.085	1460	124
Hasse Arena	Interior Lighting	15	Elevator			4	0.004	4.000	0.032	8760	280
Hasse Arena	Interior Lighting	16	Elevator Mechanical	Electrical/Mechanical	ECMA	48.07253908	0.058	58.000	0.058	100	6
Hasse Arena	Interior Lighting	17	Locker Room Hallway	Hallway	ECMA	48.07253908	0.058	58.000	0.638	2054	1,310
Hasse Arena	Interior Lighting	18	Locker Room Hallway		ECMA	48.07253908	0.058	58.000	0.406	2054	834
Hasse Arena	Interior Lighting	19	Meeting Room	Meeting Room	ECMA	48.07253908	0.058	58.000	0.29	520	151
Hasse Arena	Interior Lighting	20	Meeting Room		ECMA	48.07253908	0.058	58.000	0.058	520	30
Hasse Arena	Interior Lighting	21	Team Room 1	Locker Room	ECMA	48.07253908	0.058	58.000	0.29	1040	302
Hasse Arena	Interior Lighting	22	Team Room 1		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	23	Team Room 1 Storage	Storage	ECMD	96.8301495	0.110	110.000	0.11	100	11
Hasse Arena	Interior Lighting	24	Unisex #2	Restroom	ECMA	48.07253908	0.058	58.000	0.058	1460	85
Hasse Arena	Interior Lighting	25	Unisex #3	Restroom	ECMA	48.07253908	0.058	58.000	0.058	1460	85
Hasse Arena	Interior Lighting	26	Custodial Closet	Maintenance	ECMA	48.07253908	0.058	58.000	0.058	250	15
Hasse Arena	Interior Lighting	27	Referee Lockerroom	Locker Room	ECMA	48.07253908	0.058	58.000	0.116	1040	121
Hasse Arena	Interior Lighting	28	Team Room 2	Locker Room	ECMA	48.07253908	0.058	58.000	0.29	1040	302
Hasse Arena	Interior Lighting	29	Team Room 2		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	30	Team Room 3	Locker Room	ECMA	48.07253908	0.058	58.000	0.348	1040	362
Hasse Arena	Interior Lighting	31	Team Room 3		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	32	Team Room 4	Locker Room	ECMA	48.07253908	0.058	58.000	0.348	1040	362
Hasse Arena	Interior Lighting	33	Team Room 4		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	34	Varsity Mens	Locker Room	ECMA	48.07253908	0.058	58.000	0.696	1040	724
Hasse Arena	Interior Lighting	35	Varsity Mens		ECMA	48.07253908	0.058	58.000	0.116	1040	121
Hasse Arena	Interior Lighting	36	Varsity Mens Coaches	Locker Room	ECMA	48.07253908	0.058	58.000	0.174	1040	181
Hasse Arena	Interior Lighting	37	Varsity Mens Coaches		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	38	Chair Storage	Maintenance	ECMA	48.07253908	0.058	58.000	0.116	250	29
Hasse Arena	Interior Lighting	39	Varsity Womens Coaches	Locker Room	ECMA	48.07253908	0.058	58.000	0.174	1040	181
Hasse Arena	Interior Lighting	40	Varsity Womens Coaches		ECMA	48.07253908	0.058	58.000	0.058	1040	60
Hasse Arena	Interior Lighting	41	Varsity Womens	Locker Room	ECMA	48.07253908	0.058	58.000	0.696	1040	724
Hasse Arena	Interior Lighting	42	Varsity Womens		ECMA	48.07253908	0.058	58.000	0.116	1040	121
Hasse Arena	Interior Lighting	43	Large Storage	Storage	ECMA	48.07253908	0.058	58.000	0.348	728	253
Hasse Arena	Interior Lighting	44	Glass Storage	Storage	ECMA	48.07253908	0.058	58.000	0.058	250	15
Hasse Arena	Interior Lighting	45	Ice Plant	Electrical/Mechanical	ECMA	48.07253908	0.058	58.000	0.522	2054	1,072
Hasse Arena	Interior Lighting	46	Ice Plant Electrical	Electrical/Mechanical	ECMA	48.07253908	0.058	58.000	0.522	2054	1,072
Hasse Arena	Interior Lighting	47	Ice Resurfacers	Electrical/Mechanical	ECMA	48.07253908	0.058	58.000	0.696	2054	1,430
Hasse Arena	Interior Lighting	48	Ice Sheet	Gym	ECMB	670.4695063	0.708	708.000	38.94	1250	48,675
Hasse Arena	Interior Lighting	49	Upper Concourse	Commons	ECMA	48.07253908	0.058	58.000	0.522	2054	1,072
Hasse Arena	Interior Lighting	50	Upper Concourse		ECMA	48.07253908	0.058	58.000	0.116	2054	238
Hasse Arena	Interior Lighting	71	Upper Concourse		ECMA	48.07253908	0.058	58.000	0.406	2920	1,186
Hasse Arena	Exterior Lighting	51	Entry Canopy	Exterior		19	0.019	19.000	0.038	4380	166
Hasse Arena	Exterior Lighting	52	Entry Bollards	Exterior		14	0.014	14.000	0.14	4380	613
Hasse Arena	Exterior Lighting	53	NE Exit			14	0.014	14.000	0.014	4380	61
Hasse Arena	Exterior Lighting	54	Nw Exit	Exterior		14	0.014	14.000	0.014	4380	61
Hasse Arena	Exterior Lighting	55	West Wall	Exterior		14	0.014	14.000	0.014	4380	61
Hasse Arena	Exterior Lighting	56	SE Exit	Exterior		14	0.014	14.000	0.014	4380	61
Hasse Arena	Exterior Lighting	57	Facade Floods			125	0.125	125.000	0.5	4380	2,190
Hasse Arena	Exterior Lighting	58	Parking Lot South Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	59	Parking Lot South Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	60	Parking Lot South Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	61	Parking Lot South Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	62	Parking Lot South Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	63	Parking Lot South Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	64	Parking Lot North Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	65	Parking Lot North Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	66	Parking Lot North Central Row	Exterior	ECME	300.627785	0.342	342.000	0.684	4380	2,996
Hasse Arena	Exterior Lighting	67	Parking Lot North Row	Exterior	ECME	300.627785	0.342	342.000	0.342	4380	1,498
Hasse Arena	Exterior Lighting	68	Parking Lot North Row	Exterior	ECME	300.627785	0.342	342.000	0.342	4380	1,498
Hasse Arena	Exterior Lighting	69	Parking Lot Entrance	Exterior	ECME	300.627785	0.342	342.000	0.342	4380	1,498



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Location	Area	ID#	Room	Room Type	Action	POST Qty	Proposed Solution	POST Description
Hasse Arena	Interior Lighting	1	Main Entrance	Vestibule	Do Nothing	2	Do Nothing	Do Nothing
Hasse Arena	Interior Lighting	2	Lobby Cans	Lobby	Retrofit	6	GE-LRX-R6-8.5W-40	8.5W LED 6" Commercial Recessed Can Retrofit 4000K - Selectable Output Driver (8.5W/13W)
Hasse Arena	Interior Lighting	3	Lobby Area	Lobby	Retrofit	27	ESI-K18UN-64W-40K-FR	64W LED 8' Universal Linear Retrofit Kit 4000K - Includes Frosted Lens
Hasse Arena	Interior Lighting	4	Lobby Area		Retrofit	2	ESI-K14UN-32W-40K-FR	32W LED 4' Universal Linear Retrofit Kit 4000K - Includes Frosted Lens
Hasse Arena	Interior Lighting	5	Lobby Area		Retrofit	4	GE-LRX-R6-8.5W-40	8.5W LED 6" Commercial Recessed Can Retrofit 4000K - Selectable Output Driver (8.5W/13W)
Hasse Arena	Interior Lighting	70	Lobby Area		Retrofit	2	ESI-K18UN-64W-40K-FR	64W LED 8' Universal Linear Retrofit Kit 4000K - Includes Frosted Lens
Hasse Arena	Interior Lighting	6	Concession Stand	Kitchen	Retrofit	6	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	7	Concession Stand		Retrofit	4	GE-LRX-R6-8.5W-40	8.5W LED 6" Commercial Recessed Can Retrofit 4000K - Selectable Output Driver (8.5W/13W)
Hasse Arena	Interior Lighting	8	Arena Office	Office - Open	Retrofit	5	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	9	Sharpening Room		Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	10	Arena Manager	Office - Private	Retrofit	4	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	Retrofit	5	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	Retrofit	1	ESPEN-348-15W-40-DE-EM	Retrofit Fixture w/ (3) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	12	Mens Mechanical	Electrical/Mechanical	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	13	Unisex Restroom	Restroom	Retrofit	1	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	Retrofit	7	ESPEN-348-15W-40-DE	Retrofit Fixture w/ (3) 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	Retrofit	1	ESPEN-348-15W-40-DE-EM	Retrofit Fixture w/ (3) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	15	Elevator		Do Nothing	8	Do Nothing	Do Nothing
Hasse Arena	Interior Lighting	16	Elevator Mechanical	Electrical/Mechanical	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	17	Locker Room Hallway	Hallway	Retrofit	11	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	18	Locker Room Hallway		Retrofit	7	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	19	Meeting Room	Meeting Room	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	20	Meeting Room		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	21	Team Room 1	Locker Room	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	22	Team Room 1		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	23	Team Room 1 Storage	Storage	Retrofit	1	ESPEN-448-15W-40-DE	Retrofit Fixture w/ (4) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	24	Unisex #2	Restroom	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	25	Unisex #3	Restroom	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	26	Custodial Closet	Maintenance	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	27	Referee Lockerroom	Locker Room	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	28	Team Room 2	Locker Room	Retrofit	5	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	29	Team Room 2		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	30	Team Room 3	Locker Room	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	31	Team Room 3		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	32	Team Room 4	Locker Room	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	33	Team Room 4		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	34	Varsity Mens	Locker Room	Retrofit	12	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	35	Varsity Mens		Retrofit	2	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	36	Varsity Mens Coaches	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	37	Varsity Mens Coaches		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	38	Chair Storage	Maintenance	Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	39	Varsity Womens Coaches	Locker Room	Retrofit	3	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	40	Varsity Womens Coaches		Retrofit	1	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	41	Varsity Womens	Locker Room	Retrofit	12	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	42	Varsity Womens		Retrofit	2	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Interior Lighting	43	Large Storage	Storage	Retrofit	6	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	44	Glass Storage	Storage	Retrofit	1	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	45	Ice Plant	Electrical/Mechanical	Retrofit	9	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	46	Ice Plant Electrical	Electrical/Mechanical	Retrofit	9	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	47	Ice Resurfacer	Electrical/Mechanical	Retrofit	12	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	48	Ice Sheet	Gym	Replace	55	LITHONIA-IBG-284W-50K-AFL-GND-RIO-WGX-DWH	284W IBG LED High Bay Fixture, 5000K, 48000 Nominal Lumens, Standard Efficiency, Acrylic Frosted Lens, General Distribution, and White Finish - Includes Wire Guard and nLight AIR (wireless) Gen 2 Control Device
Hasse Arena	Interior Lighting	49	Upper Concourse	Commons	Retrofit	9	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	50	Upper Concourse		Retrofit	2	ESPEN-248-15W-40-DE	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K
Hasse Arena	Interior Lighting	71	Upper Concourse		Retrofit	7	ESPEN-248-15W-40-DE-EM	Retrofit Fixture w/ (2) x 15W 4' LED Type 'B' Double-Ended T8 Lamps 4000K - Includes 5W Emergency Battery Back up Inverter
Hasse Arena	Exterior Lighting	51	Entry Canopy	Exterior	Do Nothing	2	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	52	Entry Bollards	Exterior	Do Nothing	10	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	53	NE Exit		Do Nothing	1	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	54	Nw Exit	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	55	West Wall	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	56	SE Exit	Exterior	Do Nothing	1	Do Nothing	Do Nothing
Hasse Arena	Exterior Lighting	57	Facade Floods		Replace	4	LITHONIA-DSXF1-21W-40K-WFL-THK-DDBXD	21W LED D-Series Size 1 LED Flood Luminaire, 4000K, Wide Flood Optics, Knuckle- Mount (1/2" NPS Threaded), and Dark Bronze Finish
Hasse Arena	Exterior Lighting	58	Parking Lot South Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	59	Parking Lot South Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	60	Parking Lot South Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	61	Parking Lot South Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	62	Parking Lot South Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	63	Parking Lot South Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	64	Parking Lot North Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	65	Parking Lot North Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	66	Parking Lot North Central Row	Exterior	Replace	2	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	67	Parking Lot North Row	Exterior	Replace	1	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	68	Parking Lot North Row	Exterior	Replace	1	LITHONIA-RSX2-111W-40K-R5-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 5-Wide Optics, 120-277V, and White Finish - Includes Square Pole Mounting
Hasse Arena	Exterior Lighting	69	Parking Lot Entrance	Exterior	Replace	1	LITHONIA-RSX2-111W-40K-R3-MVOLT-SPA-DWHXD	111W RSX2 LED Area Luminaire, 4000K, Type 3 Optics, 120-277V, and White Finish - Includes Square Pole Mounting



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Location	Area	ID#	Room	Room Type	Control	Control Hrs Saved	POST ECM Code	POST ECM Watts	POST kW	POST Watts/fix	POST kWh
Hasse Arena	Interior Lighting	1	Main Entrance	Vestibule		0		19	0.038	19.00	166.44
Hasse Arena	Interior Lighting	2	Lobby Cans	Lobby		0		8.5	0.051	8.50	104.75
Hasse Arena	Interior Lighting	3	Lobby Area	Lobby		0		64	1.728	64.00	3,549.31
Hasse Arena	Interior Lighting	4	Lobby Area			0		32	0.064	32.00	131.46
Hasse Arena	Interior Lighting	5	Lobby Area			0		8.5	0.034	8.50	69.84
Hasse Arena	Interior Lighting	70	Lobby Area			0		64	0.128	64.00	1,121.28
Hasse Arena	Interior Lighting	6	Concession Stand	Kitchen		0	ECMC (Post)	40.68094333	0.270	45.00	196.56
Hasse Arena	Interior Lighting	7	Concession Stand			0		8.5	0.034	8.50	24.75
Hasse Arena	Interior Lighting	8	Arena Office	Office - Open		0	ECMC (Post)	40.68094333	0.225	45.00	462.15
Hasse Arena	Interior Lighting	9	Sharpening Room			0	ECMA (Post)	28.18975454	0.030	30.00	61.62
Hasse Arena	Interior Lighting	10	Arena Manager	Office - Private		0	ECMC (Post)	40.68094333	0.180	45.00	369.72
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom		0	ECMC (Post)	40.68094333	0.225	45.00	328.50
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom		0	ECMC (Post)	40.68094333	0.045	45.00	65.70
Hasse Arena	Interior Lighting	12	Mens Mechanical	Electrical/Mechanical		0	ECMA (Post)	28.18975454	0.180	30.00	18.00
Hasse Arena	Interior Lighting	13	Unisex Restroom	Restroom		0	ECMC (Post)	40.68094333	0.045	45.00	65.70
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom		0	ECMC (Post)	40.68094333	0.315	45.00	459.90
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom		0	ECMC (Post)	40.68094333	0.045	45.00	65.70
Hasse Arena	Interior Lighting	15	Elevator			0		4	0.032	4.00	280.32
Hasse Arena	Interior Lighting	16	Elevator Mechanical	Electrical/Mechanical		0	ECMA (Post)	28.18975454	0.030	30.00	3.00
Hasse Arena	Interior Lighting	17	Locker Room Hallway	Hallway		0	ECMA (Post)	28.18975454	0.330	30.00	677.82
Hasse Arena	Interior Lighting	18	Locker Room Hallway			0	ECMA (Post)	28.18975454	0.210	30.00	431.34
Hasse Arena	Interior Lighting	19	Meeting Room	Meeting Room		0	ECMA (Post)	28.18975454	0.150	30.00	78.00
Hasse Arena	Interior Lighting	20	Meeting Room			0	ECMA (Post)	28.18975454	0.030	30.00	15.60
Hasse Arena	Interior Lighting	21	Team Room 1	Locker Room		0	ECMA (Post)	28.18975454	0.150	30.00	156.00
Hasse Arena	Interior Lighting	22	Team Room 1			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	23	Team Room 1 Storage	Storage		0	ECMD (Post)	55.876692	0.060	60.00	6.00
Hasse Arena	Interior Lighting	24	Unisex #2	Restroom		0	ECMA (Post)	28.18975454	0.030	30.00	43.80
Hasse Arena	Interior Lighting	25	Unisex #3	Restroom		0	ECMA (Post)	28.18975454	0.030	30.00	43.80
Hasse Arena	Interior Lighting	26	Custodial Closet	Maintenance		0	ECMA (Post)	28.18975454	0.030	30.00	7.50
Hasse Arena	Interior Lighting	27	Referee Lockerroom	Locker Room		0	ECMA (Post)	28.18975454	0.060	30.00	62.40
Hasse Arena	Interior Lighting	28	Team Room 2	Locker Room		0	ECMA (Post)	28.18975454	0.150	30.00	156.00
Hasse Arena	Interior Lighting	29	Team Room 2			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	30	Team Room 3	Locker Room		0	ECMA (Post)	28.18975454	0.180	30.00	187.20
Hasse Arena	Interior Lighting	31	Team Room 3			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	32	Team Room 4	Locker Room		0	ECMA (Post)	28.18975454	0.180	30.00	187.20
Hasse Arena	Interior Lighting	33	Team Room 4			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	34	Varsity Mens	Locker Room		0	ECMA (Post)	28.18975454	0.360	30.00	374.40
Hasse Arena	Interior Lighting	35	Varsity Mens			0	ECMA (Post)	28.18975454	0.060	30.00	62.40
Hasse Arena	Interior Lighting	36	Varsity Mens Coaches	Locker Room		0	ECMA (Post)	28.18975454	0.090	30.00	93.60
Hasse Arena	Interior Lighting	37	Varsity Mens Coaches			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	38	Chair Storage	Maintenance		0	ECMA (Post)	28.18975454	0.060	30.00	15.00
Hasse Arena	Interior Lighting	39	Varsity Womens Coaches	Locker Room		0	ECMA (Post)	28.18975454	0.090	30.00	93.60
Hasse Arena	Interior Lighting	40	Varsity Womens Coaches			0	ECMA (Post)	28.18975454	0.030	30.00	31.20
Hasse Arena	Interior Lighting	41	Varsity Womens	Locker Room		0	ECMA (Post)	28.18975454	0.360	30.00	374.40
Hasse Arena	Interior Lighting	42	Varsity Womens			0	ECMA (Post)	28.18975454	0.060	30.00	62.40
Hasse Arena	Interior Lighting	43	Large Storage	Storage		0	ECMA (Post)	28.18975454	0.180	30.00	131.04
Hasse Arena	Interior Lighting	44	Glass Storage	Storage		0	ECMA (Post)	28.18975454	0.030	30.00	7.50
Hasse Arena	Interior Lighting	45	Ice Plant	Electrical/Mechanical		0	ECMA (Post)	28.18975454	0.270	30.00	554.58
Hasse Arena	Interior Lighting	46	Ice Plant Electrical	Electrical/Mechanical		0	ECMA (Post)	28.18975454	0.270	30.00	554.58
Hasse Arena	Interior Lighting	47	Ice Resurfacer	Electrical/Mechanical		0	ECMA (Post)	28.18975454	0.360	30.00	739.44
Hasse Arena	Interior Lighting	48	Ice Sheet	Gym	NLIGHT-RPODB-4S-DX-WH-G2 (2)	0	ECMB (Post)	285.4278664	15.620	284.00	19,525.00
Hasse Arena	Interior Lighting	49	Upper Concourse	Commons		0	ECMA (Post)	28.18975454	0.270	30.00	554.58
Hasse Arena	Interior Lighting	50	Upper Concourse			0	ECMA (Post)	28.18975454	0.060	30.00	123.24
Hasse Arena	Interior Lighting	71	Upper Concourse			0	ECMA (Post)	28.18975454	0.210	30.00	613.20
Hasse Arena	Exterior Lighting	51	Entry Canopy	Exterior		0		19	0.038	19.00	166.44
Hasse Arena	Exterior Lighting	52	Entry Bollards	Exterior		0		14	0.140	14.00	613.20
Hasse Arena	Exterior Lighting	53	NE Exit			0		14	0.014	14.00	61.32
Hasse Arena	Exterior Lighting	54	Nw Exit	Exterior		0		14	0.014	14.00	61.32
Hasse Arena	Exterior Lighting	55	West Wall	Exterior		0		14	0.014	14.00	61.32
Hasse Arena	Exterior Lighting	56	SE Exit	Exterior		0		14	0.014	14.00	61.32
Hasse Arena	Exterior Lighting	57	Facade Floods			0		21	0.084	21.00	367.92
Hasse Arena	Exterior Lighting	58	Parking Lot South Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	59	Parking Lot South Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	60	Parking Lot South Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	61	Parking Lot South Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	62	Parking Lot South Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	63	Parking Lot South Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	64	Parking Lot North Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	65	Parking Lot North Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	66	Parking Lot North Central Row	Exterior		0	ECME (Post)	112.4910436	0.222	111.00	972.36
Hasse Arena	Exterior Lighting	67	Parking Lot North Row	Exterior		0	ECME (Post)	112.4910436	0.111	111.00	486.18
Hasse Arena	Exterior Lighting	68	Parking Lot North Row	Exterior		0	ECME (Post)	112.4910436	0.111	111.00	486.18
Hasse Arena	Exterior Lighting	69	Parking Lot Entrance	Exterior		0	ECME (Post)	112.4910436	0.111	111.00	486.18



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Location	Area	ID#	Room	Room Type	kW Saved Actual	kWh Saved Actual	kW Saved Proposed	kWh Saved Proposed
Hasse Arena	Interior Lighting	1	Main Entrance	Vestibule	0	0	0	0
Hasse Arena	Interior Lighting	2	Lobby Cans	Lobby	0.033	67.782	0.033	67.782
Hasse Arena	Interior Lighting	3	Lobby Area	Lobby	0.886414037	1820.694431	1.242	2551.068
Hasse Arena	Interior Lighting	4	Lobby Area		0.032145078	66.02599053	0.052	106.808
Hasse Arena	Interior Lighting	5	Lobby Area		0.134	275.236	0.134	275.236
Hasse Arena	Interior Lighting	70	Lobby Area		0.065660299	575.1842192	0.092	805.92
Hasse Arena	Interior Lighting	6	Concession Stand	Kitchen	0.20267494	147.5473563	0.24	174.72
Hasse Arena	Interior Lighting	7	Concession Stand		0.022	16.016	0.022	16.016
Hasse Arena	Interior Lighting	8	Arena Office	Office - Open	0.168895783	346.911939	0.2	410.8
Hasse Arena	Interior Lighting	9	Sharpening Room		0.019882785	40.83923944	0.028	57.512
Hasse Arena	Interior Lighting	10	Arena Manager	Office - Private	0.135116627	277.5295512	0.16	328.64
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	0.168895783	246.5878437	0.2	292
Hasse Arena	Interior Lighting	11	Lobby Mens	Restroom	0.033779157	49.31756873	0.04	58.4
Hasse Arena	Interior Lighting	12	Mens Mechanical	Electrical/Mechanical	0.119296707	11.92967072	0.168	16.8
Hasse Arena	Interior Lighting	13	Unisex Restroom	Restroom	0.033779157	49.31756873	0.04	58.4
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	0.236454097	345.2229811	0.28	408.8
Hasse Arena	Interior Lighting	14	Lobby Womens	Restroom	0.033779157	49.31756873	0.04	58.4
Hasse Arena	Interior Lighting	15	Elevator		0	0	0	0
Hasse Arena	Interior Lighting	16	Elevator Mechanical	Electrical/Mechanical	0.019882785	1.988278454	0.028	2.8
Hasse Arena	Interior Lighting	17	Locker Room Hallway	Hallway	0.21871063	449.2316339	0.308	632.632
Hasse Arena	Interior Lighting	18	Locker Room Hallway		0.139179492	285.8746761	0.196	402.584
Hasse Arena	Interior Lighting	19	Meeting Room	Meeting Room	0.099413923	51.6952398	0.14	72.8
Hasse Arena	Interior Lighting	20	Meeting Room		0.019882785	10.33904796	0.028	14.56
Hasse Arena	Interior Lighting	21	Team Room 1	Locker Room	0.099413923	103.3904796	0.14	145.6
Hasse Arena	Interior Lighting	22	Team Room 1		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	23	Team Room 1 Storage	Storage	0.040953458	4.09534575	0.05	5
Hasse Arena	Interior Lighting	24	Unisex #2	Restroom	0.019882785	29.02886543	0.028	40.88
Hasse Arena	Interior Lighting	25	Unisex #3	Restroom	0.019882785	29.02886543	0.028	40.88
Hasse Arena	Interior Lighting	26	Custodial Closet	Maintenance	0.019882785	4.970696135	0.028	7
Hasse Arena	Interior Lighting	27	Referee Lockerroom	Locker Room	0.039765569	41.35619184	0.056	58.24
Hasse Arena	Interior Lighting	28	Team Room 2	Locker Room	0.099413923	103.3904796	0.14	145.6
Hasse Arena	Interior Lighting	29	Team Room 2		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	30	Team Room 3	Locker Room	0.119296707	124.0685755	0.168	174.72
Hasse Arena	Interior Lighting	31	Team Room 3		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	32	Team Room 4	Locker Room	0.119296707	124.0685755	0.168	174.72
Hasse Arena	Interior Lighting	33	Team Room 4		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	34	Varsity Mens	Locker Room	0.238593414	248.137151	0.336	349.44
Hasse Arena	Interior Lighting	35	Varsity Mens		0.039765569	41.35619184	0.056	58.24
Hasse Arena	Interior Lighting	36	Varsity Mens Coaches	Locker Room	0.059648354	62.03428776	0.084	87.36
Hasse Arena	Interior Lighting	37	Varsity Mens Coaches		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	38	Chair Storage	Maintenance	0.039765569	9.941392269	0.056	14
Hasse Arena	Interior Lighting	39	Varsity Womens Coaches	Locker Room	0.059648354	62.03428776	0.084	87.36
Hasse Arena	Interior Lighting	40	Varsity Womens Coaches		0.019882785	20.67809592	0.028	29.12
Hasse Arena	Interior Lighting	41	Varsity Womens	Locker Room	0.238593414	248.137151	0.336	349.44
Hasse Arena	Interior Lighting	42	Varsity Womens		0.039765569	41.35619184	0.056	58.24
Hasse Arena	Interior Lighting	43	Large Storage	Storage	0.119296707	86.84800286	0.168	122.304
Hasse Arena	Interior Lighting	44	Glass Storage	Storage	0.019882785	4.970696135	0.028	7
Hasse Arena	Interior Lighting	45	Ice Plant	Electrical/Mechanical	0.178945061	367.553155	0.252	517.608
Hasse Arena	Interior Lighting	46	Ice Plant Electrical	Electrical/Mechanical	0.178945061	367.553155	0.252	517.608
Hasse Arena	Interior Lighting	47	Ice Resurfacer	Electrical/Mechanical	0.238593414	490.0708733	0.336	690.144
Hasse Arena	Interior Lighting	48	Ice Sheet	Gym	21.17729019	26471.61274	23.32	29150
Hasse Arena	Interior Lighting	49	Upper Concourse	Commons	0.178945061	367.553155	0.252	517.608
Hasse Arena	Interior Lighting	50	Upper Concourse		0.039765569	81.67847888	0.056	115.024
Hasse Arena	Interior Lighting	71	Upper Concourse		0.139179492	406.404116	0.196	572.32
Hasse Arena	Exterior Lighting	51	Entry Canopy	Exterior	0	0	0	0
Hasse Arena	Exterior Lighting	52	Entry Bollards	Exterior	-2.84217E-17	0	-2.84217E-17	0
Hasse Arena	Exterior Lighting	53	NE Exit		0	0	0	0
Hasse Arena	Exterior Lighting	54	Nw Exit	Exterior	0	0	0	0
Hasse Arena	Exterior Lighting	55	West Wall	Exterior	0	0	0	0
Hasse Arena	Exterior Lighting	56	SE Exit	Exterior	0	0	0	0
Hasse Arena	Exterior Lighting	57	Facade Floods		0.416	1822.08	0.416	1822.08
Hasse Arena	Exterior Lighting	58	Parking Lot South Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	59	Parking Lot South Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	60	Parking Lot South Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	61	Parking Lot South Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	62	Parking Lot South Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	63	Parking Lot South Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	64	Parking Lot North Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	65	Parking Lot North Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	66	Parking Lot North Central Row	Exterior	0.376273483	1648.077855	0.462	2023.56
Hasse Arena	Exterior Lighting	67	Parking Lot North Row	Exterior	0.188136741	824.0389275	0.231	1011.78
Hasse Arena	Exterior Lighting	68	Parking Lot North Row	Exterior	0.188136741	824.0389275	0.231	1011.78
Hasse Arena	Exterior Lighting	69	Parking Lot Entrance	Exterior	0.188136741	824.0389275	0.231	1011.78



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Exhibit 2: Building Envelope Data

BLDG # - 1			
Building Envelope Solutions Calculations.		Customer	City of Lakeville
Ames Arena		Revision B	
19900 Ipava Ave			
AIR LEAKAGE:	Feet	Gap	Sq. Ft.
Roof / Wall Joint to be Sealed with 2	450	3/32	3.52 sq ft
Roof / Wall Joint to be Sealed with 1	1260	3/32	9.84 sq ft
Ext. Door(s) to be weather-stripped &	620	1/16	3.23 sq ft
Int. Door(s) to be weather-stripped &	440	1/16	2.29 sq ft
Over-head Door(s) to be sealed on &	44	1/8	0.46 sq ft
Expansion joints to be ground out ar	1930	1/64	2.51 sq ft
Total		21.85 sq ft	2.03 sq meter
Values, Constants, Assumptions.			
Electrical rates	\$0.042	per kwh	0% % of building using electric heat or heat pump
Natural Gas Rate	\$0.662	per therm	100% % of building using Natural Gas
Propane Fuel Rate	\$0.000	per therm	0% % of building using Propane
Fuel Oil Rates	\$0.000	per therm	0% % of building using Fuel Oil
Building K	130	K is a factor determining building style, ranging from 100 to 150.	
Total HDD (F)	8,196.3	Low K is very efficient with central mass, high K is open ware house or many wings.	
Total CDD (C)	1,380.6		
Bldg uses Heat Pump	N/A		
% of building cooled	85%		
% mechanical EFF.	80%	This factor is the anticipated variation of a mechanical efficiently of 80%	
COP	2.50	Coefficient of Performance for Air Conditioning or Geo-Thermal.	
Calculations			
Non-Electric Heat Loss = ((Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (HDD) x (9/5) x 0.075 x .243 x 60 x 24) / (100,000			
Electrical Heating Loss = ((Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (HDD) x (.075 x .243 x 60 x 24) x (conversion to kw			
Cooling Loss = ((Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (CDD) x (.075 x .243 x 60 x 24) x (conversion to kwh)			
Annual Cost of Leakage:	9235.6	Therms	
Annual Cost of Leakage:	10748.1	Kwh	
Annual Cost of Leakage total:	\$6,569.37		
Simple Payback:	0.00	Years	
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CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

BLDG # - 9			
Building Envelope Solutions Calculations.		Customer	City of Lakeville
Hasse Arena		Revision B	
8525 215th St W			
AIR LEAKAGE:	Feet	Gap	Sq. Ft.
Over-head Door(s) to be sealed on 4	48	3/32	0.38 sq ft
Roof / Wall Joint to be Sealed with 1	270	1/16	1.41 sq ft
Int. Door(s) to be weather-stripped &	420	1/16	2.19 sq ft
Ext. Door(s) to be weather-stripped &	280	1/16	1.46 sq ft
Ext. Door(s) to be weather-stripped &	40	1/16	0.21 sq ft
Total		5.64 sq ft	0.52 sq meter
Values, Constants, Assumptions.			
Electrical rates	\$0.067	per kwh	0% % of building using electric heat or heat pump
Natural Gas Rate	\$0.661	per therm	100% % of building using Natural Gas
Propane Fuel Rate	\$0.000	per therm	0% % of building using Propane
Fuel Oil Rates	\$0.000	per therm	0% % of building using Fuel Oil
Building K	140	K is a factor determining building style, ranging from 100 to 150.	
Total HDD (F)	8,469.3	Low K is very efficient with central mass, high K is open ware house or many wings.	
Total CDD (C)	1,304.1		
Bldg uses Heat Pump	N/A		
% of building cooled	85%		
% mechanical EFF.	80%	This factor is the anticipated variation of a mechanical efficiently of 80%.	
COP	2.50	Coefficient of Performance for Air Conditioning or Geo-Thermal.	
Calculations			
Non-Electric Heat Loss = (Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (HDD) x (9/5) x 0.075 x .243 x 60 x 24) / (100,000 x			
Electrical Heating Loss = (Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (HDD) x (.075 x .243 x 60 x 24) x (conversion to kw			
Cooling Loss = (Bldg Leakage sq mtrs) x (bldg k factor) x (Wind P Factor) x (CDD) x (.075 x .243 x 60 x 24) x (conversion to kwh)			
Annual Cost of Leakage:	2721.9	Therms	
Annual Cost of Leakage:	2881.2	Kwh	
Annual Cost of Leakage total:	\$1,993.19		
Simple Payback:	0.00	Years	
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CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Exhibit 3: Water Conservation Data

Ames Arena

Water/Sewer Consumption											
Fixture Type and Volume				Utilization		Consumption and Cost				Savings	
Use Category	Fixture Description	Pre-Retrofit Flow	Post-Retrofit Flow	Pre-Retrofit Annual Utilization (Flushes or Minutes)	Post-Retrofit Annual Utilization (Flushes or Minutes)	Pre-Retrofit Water Use (Gallons)	Post-Retrofit Water Use (Gallons)	Pre-Retrofit Water Cost	Post-Retrofit Water Cost	Water Use Savings (Gallons)	Water Cost Savings
High	Toilets	2.25	1.60	128,188	128,188	288,422	205,100	\$ 1,956	\$ 1,391	83,322	\$ 565
Overall	Toilets	2.25	1.60	128,188	128,188	288,422	205,100	\$ 1,956	\$ 1,391	83,322	\$ 565
High	Urinals	1.00	0.60	76,913	76,913	76,913	46,148	\$ 521	\$ 313	30,765	\$ 209
Overall	Urinals	1.00	0.60	76,913	76,913	76,913	46,148	\$ 521	\$ 313	30,765	\$ 209
High	Lav Sinks	1.50	0.35	51,275	51,275	76,913	17,946	\$ 521	\$ 122	58,966	\$ 400
Overall	Lav Sinks	1.50	0.35	51,275	51,275	76,913	17,946	\$ 521	\$ 122	58,966	\$ 400
High	General Use Sinks	1.75	1.50	638	638	1,116	956	\$ 8	\$ 6	159	\$ 1
Overall	General Use Sinks	1.75	1.50	638	638	1,116	956	\$ 8	\$ 6	159	\$ 1
Water / Sewer Rate = \$ 6.78 / 1000 Gallons						443,363	270,150	\$ 3,006	\$ 1,832	173,213	\$ 1,174

Thermal Energy Consumption									
Hot Water Use			Thermal Energy Consumption				Thermal Savings		
Percent of Water Use that is Hot Water	Pre-Retrofit Hot Water Use (Gallons)	Post-Retrofit Hot Water Use (Gallons)	Water Heater Delta T (°F)	Heating System Efficiency	Pre-Retrofit Thermal Energy (Therms)	Post-Retrofit Thermal Energy (Therms)	Cost per Therm of Energy	Thermal Savings (Therms)	Thermal Cost Savings
74%	56,894	13,275	73	80%	433	101	\$ 0.70	332	\$ 232
74%	56,894	13,275	73	80%	433	101	\$ 0.70	332	\$ 232
74%	825	707	73	80%	6	5	\$ 0.70	1	\$ 1
74%	825	707	73	80%	6	5	\$ 0.70	1	\$ 1
	57,719	13,983			439	106		333	\$ 233



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Exhibit 4: Window Film Improvements

Annual Solar Insolation Data (kwh/m ²) (derived from NREL TMY3 data)	East	838.50
	North	419.25
	Skylight	1,509.30
	South	1,090.05
	West	838.50
Minneapolis, Minnesota		



Building Envelope Solutions, LLC
2559 Badger Avenue
Oshkosh, WI 54904
920-267-6111
[ECM Holding Group](#)

SHGC - Solar Heat Gain Coefficient

INPUTS

Low E Window Film?	Yes
ft ² /m ²	10.7584
EER/COP	3.413
therms/kwh	0.03413
Indoor Object Emittance	0.5
Stefan Boltzmann Constant (w/m ² -K ⁴)	5.67E-08
Indoor Temperature (K)	295
w/kw	1000
TMY3 EFLH Heating (hours)	1884
Indoor Objects Radiation (kw/m ²)	0.2158
Indoor Objects Radiation (kwh/m ²)	406.58

Building	COP	Glass Type	Direction	Insolation (kwh/m ²)	Window Qty	Window Sq-Ft	Shading Coefficient	SHGC		\$ /kwh	\$ /therm	Annual Solar Heat Rejected (kwh)	Annual Cooling Savings		Annual Heating Savings		Total Savings
								Pre	Post				kWh	\$	therms	\$	\$
Totals					49	1,436						54,158	19,457.1	\$1,352.79	1093	\$ 730	\$2,082.69
City Hall	2.783475	Double pane - clear	North	419	13	468	0.20	0.76	0.17	\$ 0.07	\$ 0.67	8,608	3,092.62	\$216	356	\$238	\$455
City Hall	2.783475	Double pane - clear	East	839	10	360	-	0.76	0.17	\$ 0.07	\$ 0.67	16,554	5,947.34	\$416	274	\$183	\$599
City Hall	2.783475	Double pane - clear	South	1,090	10	360	-	0.76	0.17	\$ 0.07	\$ 0.67	21,521	7,731.54	\$540	274	\$183	\$724
Hasse Arena	2.783475	Double pane - clear	North	419	1	24	-	0.76	0.17	\$ 0.07	\$ 0.66	543	195.15	\$13	18	\$12	\$25
Hasse Arena	2.783475	Double pane - clear	North	419	2	72	-	0.76	0.17	\$ 0.07	\$ 0.66	1,655	594.73	\$40	55	\$36	\$76
Hasse Arena	2.783475	Double pane - clear	North	419	2	36	-	0.76	0.17	\$ 0.07	\$ 0.66	828	297.37	\$20	27	\$18	\$38
Hasse Arena	2.783475	Double pane - clear	North	419	1	23	-	0.76	0.17	\$ 0.07	\$ 0.66	517	185.85	\$13	17	\$11	\$24
Hasse Arena	2.783475	Double pane - clear	North	419	2	16	-	0.76	0.17	\$ 0.07	\$ 0.66	368	132.16	\$9	12	\$8	\$17
Hasse Arena	2.783475	Double pane - clear	West	839	4	20	-	0.76	0.17	\$ 0.07	\$ 0.66	920	330.41	\$22	15	\$10	\$32
Hasse Arena	2.783475	Double pane - clear	West	839	2	23	-	0.76	0.17	\$ 0.07	\$ 0.66	1,035	371.71	\$25	17	\$11	\$36
Hasse Arena	2.783475	Double pane - clear	East	839	2	35	-	0.76	0.17	\$ 0.07	\$ 0.66	1,609	578.21	\$39	27	\$18	\$57



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Exhibit 5: Low Emissivity Ceilings

Project: Ames
ECM: Rink 2

Existing System: Standard steel deck with rubber membrane

New System: Add low e-ceiling below steel deck above rink on high efficient refrigeration system

Energy Savings from R&R Calculation:	136,659 kwh per year
Reduction in cooling load due to cooling eff upgrades:	40%
Revised Energy savings from low e- ceiling:	81,995

Project: Hasse
ECM: Rink

Existing System: Standard steel deck with rubber membrane

New System: Add low e-ceiling below steel deck above rink on high efficient refrigeration system

Energy Savings from R&R Calculation:	136,659 kwh per year
Reduction in cooling load due to cooling eff upgrades:	50%
Revised Energy savings from low e- ceiling:	68,330



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Exhibit 6: Refrigeration System Replacement – Ames Ice Arena

Below is data showcasing the trends used to gather information on the compressors in the ice arena. These trends recorded discharge pressure values as well as run times and outside air temperature during the months of February - December of 2022.

Time	Compressor 1 Command	Time	Compressor 2 Command	Time	Compressor 3 Command	Time	Discharge Pressure Post Regulator	Time	Outdoor Temp	Discharge Pressure with Compressors ON	1 comp running	2 comp running	3 comp running
4/1/2022 0:00	0	4/1/2022 0:00	0	4/1/2022 0:00	0	4/1/2022 0:00	77.601212	4/1/2022 0:00	27.467636	0	0	0	0
4/1/2022 0:05	0	4/1/2022 0:05	0	4/1/2022 0:05	0	4/1/2022 0:05	76.079468	4/1/2022 0:05	27.424141	0	0	0	0
4/1/2022 0:10	0	4/1/2022 0:10	0	4/1/2022 0:10	0	4/1/2022 0:10	74.67482	4/1/2022 0:10	27.375189	0	0	0	0
4/1/2022 0:15	0	4/1/2022 0:15	0	4/1/2022 0:15	0	4/1/2022 0:15	73.43924	4/1/2022 0:15	27.212227	0	0	0	0
4/1/2022 0:20	0	4/1/2022 0:20	0	4/1/2022 0:20	0	4/1/2022 0:20	72.216644	4/1/2022 0:20	27.111855	0	0	0	0
4/1/2022 0:25	0	4/1/2022 0:25	0	4/1/2022 0:25	0	4/1/2022 0:25	70.929047	4/1/2022 0:25	26.843754	0	0	0	0
4/1/2022 0:30	0	4/1/2022 0:30	0	4/1/2022 0:30	0	4/1/2022 0:30	69.758484	4/1/2022 0:30	26.684315	0	0	0	0
4/1/2022 0:35	0	4/1/2022 0:35	0	4/1/2022 0:35	0	4/1/2022 0:35	68.783035	4/1/2022 0:35	26.533171	0	0	0	0
4/1/2022 0:40	0	4/1/2022 0:40	0	4/1/2022 0:40	0	4/1/2022 0:40	67.846603	4/1/2022 0:40	26.44153	0	0	0	0
4/1/2022 0:45	0	4/1/2022 0:45	0	4/1/2022 0:45	0	4/1/2022 0:45	67.10524	4/1/2022 0:45	26.336529	0	0	0	0
4/1/2022 0:50	0	4/1/2022 0:50	0	4/1/2022 0:50	0	4/1/2022 0:50	66.103775	4/1/2022 0:50	26.12141	0	0	0	0
4/1/2022 0:55	0	4/1/2022 0:55	0	4/1/2022 0:55	0	4/1/2022 0:55	65.245346	4/1/2022 0:55	26.097246	0	0	0	0
4/1/2022 1:00	0	4/1/2022 1:00	0	4/1/2022 1:00	0	4/1/2022 1:00	64.451981	4/1/2022 1:00	25.99259	0	0	0	0
4/1/2022 1:05	0	4/1/2022 1:05	0	4/1/2022 1:05	0	4/1/2022 1:05	63.645584	4/1/2022 1:05	25.869251	0	0	0	0
4/1/2022 1:10	0	4/1/2022 1:10	0	4/1/2022 1:10	0	4/1/2022 1:10	62.930252	4/1/2022 1:10	25.826357	0	0	0	0
4/1/2022 1:15	0	4/1/2022 1:15	0	4/1/2022 1:15	0	4/1/2022 1:15	62.527069	4/1/2022 1:15	25.735338	0	0	0	0
4/1/2022 1:20	0	4/1/2022 1:20	0	4/1/2022 1:20	0	4/1/2022 1:20	62.032837	4/1/2022 1:20	25.727322	0	0	0	0
4/1/2022 1:25	0	4/1/2022 1:25	0	4/1/2022 1:25	0	4/1/2022 1:25	61.564606	4/1/2022 1:25	25.636372	0	0	0	0
4/1/2022 1:30	0	4/1/2022 1:30	1	4/1/2022 1:30	0	4/1/2022 1:30	62.631119	4/1/2022 1:30	25.460117	62.631119	1	0	0
4/1/2022 1:35	0	4/1/2022 1:35	1	4/1/2022 1:35	0	4/1/2022 1:35	122.004227	4/1/2022 1:35	25.40674	122.004227	1	0	0
4/1/2022 1:40	0	4/1/2022 1:40	1	4/1/2022 1:40	0	4/1/2022 1:40	141.708542	4/1/2022 1:40	25.254791	141.708542	1	0	0
4/1/2022 1:45	0	4/1/2022 1:45	1	4/1/2022 1:45	0	4/1/2022 1:45	143.594421	4/1/2022 1:45	25.105743	143.594421	1	0	0
4/1/2022 1:50	0	4/1/2022 1:50	1	4/1/2022 1:50	0	4/1/2022 1:50	143.971619	4/1/2022 1:50	25.036587	143.971619	1	0	0
4/1/2022 1:55	0	4/1/2022 1:55	1	4/1/2022 1:55	0	4/1/2022 1:55	144.192719	4/1/2022 1:55	24.9622	144.192719	1	0	0
4/1/2022 2:00	0	4/1/2022 2:00	1	4/1/2022 2:00	0	4/1/2022 2:00	144.283768	4/1/2022 2:00	24.765812	144.283768	1	0	0
4/1/2022 2:05	0	4/1/2022 2:05	1	4/1/2022 2:05	0	4/1/2022 2:05	144.192719	4/1/2022 2:05	24.747267	144.192719	1	0	0
4/1/2022 2:10	0	4/1/2022 2:10	1	4/1/2022 2:10	0	4/1/2022 2:10	144.270737	4/1/2022 2:10	24.673088	144.270737	1	0	0
4/1/2022 2:15	0	4/1/2022 2:15	1	4/1/2022 2:15	0	4/1/2022 2:15	144.387787	4/1/2022 2:15	24.628075	144.387787	1	0	0
4/1/2022 2:20	0	4/1/2022 2:20	1	4/1/2022 2:20	0	4/1/2022 2:20	144.244751	4/1/2022 2:20	24.538092	144.244751	1	0	0
4/1/2022 2:25	0	4/1/2022 2:25	1	4/1/2022 2:25	0	4/1/2022 2:25	144.33577	4/1/2022 2:25	24.45615	144.33577	1	0	0
4/1/2022 2:30	0	4/1/2022 2:30	1	4/1/2022 2:30	0	4/1/2022 2:30	143.841522	4/1/2022 2:30	24.482574	143.841522	1	0	0
4/1/2022 2:35	0	4/1/2022 2:35	1	4/1/2022 2:35	0	4/1/2022 2:35	142.241791	4/1/2022 2:35	24.432331	142.241791	1	0	0
4/1/2022 2:40	0	4/1/2022 2:40	0	4/1/2022 2:40	0	4/1/2022 2:40	126.608398	4/1/2022 2:40	24.353085	0	0	0	0



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The table below displays the run time of 1 compressor, 2 compressors, or 3 compressors running simultaneously. These hours were taken from trend data through the months of February-December of 2022 as well as January of 2023.

Compressor Run Times	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 comp running (hrs)	553.67	301.33	447.08	421.75	500.50	483.08	388.50	488.17	415.67	414.00	399.42	486.42
2 comp running (hrs)	18.00	1.50	0.00	0.00	4.92	54.00	60.67	113.25	85.67	99.50	67.17	39.25
3 comp running (hrs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

The trend data shown above was used to trend condensing temperatures and corresponding kW/ton measurements to distinguish the average kW/ton on the compressor system in the year of 2022. These calculations were used to determine savings on the newly installed compressor system.

Month	Average Discharge Pressure Post Regulator	Average OAT Temperature	Trended Trended Condensing kW/Ton Temperature	
Feb	141.6554362	26.17665767	0.9449	80.33265201
Mar	143.3419793	34.84930017	0.95534	80.98127381
Apr	142.9939195	43.90024111	0.95319	80.84741468
May	140.4292644	62.86670513	0.93731	79.8610828
Jun	142.9169228	74.00059246	0.95271	80.81780279
Jul	144.3085385	76.98021033	0.96133	81.35299952
Aug	143.799318	73.03992047	0.95817	81.15716014
Sep	142.2517204	66.80831971	0.94859	80.56197489
Oct	140.125039	53.34312561	0.93543	79.74408179
Nov	136.9323457	36.60585482	0.91566	78.51621481
		Average kW/Ton	0.94626	

The table below shows existing conditions of the old system on the left and actual conditions of the implemented system on the right. Average refrigeration load on the new system was based on weighted averages calculated by run times found in the trends.

Existing Conditions:		Actual Conditions
Average Refrigeration Load	120 Tons	65.6 Tons
Existing kW/Ton	1.23 kW/T	1.23 kW/T
Operating Hrs.		
	6,000 Hrs	5,844 Hrs
Proposed kW / Ton		
	0.78 kW/T	0.95 kW/T
Savings Calculation:		
<u>kWh Savings</u>		
= ((kW/T existing - kW/T prop) * Tons * Hrs) - Fan kWh Penalty		
= 308,296 kWh		505,890 kWh
Calculated Savings	456,343 kWh	
Measured Savings	505,890 kWh	
Over Calculated Savings	49,547 kWh	



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

The subfloor temp was higher than what was expected. The style of subfloor heat was not able to be adjusted so no savings were taken. Below is a table summarizing the subfloor data.

Sub-Floor Temperature Setpoint

Issue:

- The sub-floor temperature is current at 42° but should be kept closer to 32° to reduce the temperature differential
- The setpoint change will reduce the load on the refrigeration system

Proposed Modification:

- Set the sub-floor setpoint to maintain 34°

Observations and Calculation Assumptions:

- None

Existing:

Existing Sub-Floor Temp	38 °
New Sub-Floor Temp	34 °
Sheet Area (2 Sheets)	17,000 Sq. Ft.
Wall R Value	16
U Value	0.063
Compressor kW / Ton	0.87 kW/T

M&V Measurements

38 °	38 °
41.41 °	39.26 °
17,000 Sq. Ft.	17,000 Sq. Ft.
16	16
0.063	0.063
0.95 kW/T	0.95 kW/T

Savings Calculation:

Delta T Increase
= Existing - New Sub-Floor Temp
= 4 °

Cooling Load (Tons)
= $(\text{Area} * U * \text{Delta T}) / 12,000$
= 0.35 Tons

kW Reduction
= $\text{Tons} * \text{kW/Ton}$
= 0.31 kW

kWh Savings
= kW Reduction * 8,760 *(1 Sheet all yr &1 Sheet half a yr)
= 4,049 kWh

kWh Savings

= kW Reduction * 8,760 *(1 Sheet all yr &1 Sheet half a yr)
= 0 * 8760 * (1 Sheet all yr & 1 Sheet half a yr)
= 0 kWh

The brine pumps were not running at the required times to achieve brine pump night setback savings, so the savings were a total of 0 kWh.



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Exhibit 7: Refrigeration System Controls Upgrades – Hasse Ice Arena

Below is data showcasing the trends used to gather information on the compressors in the ice arena. These trends recorded discharge pressure values as well as run times and discharge temperature during the months of February - December of 2022.

Time stamp	Compressor 1 Month	Compressor 1 Amps	Compressor ON	Compressor 1 Discharge Pressure	Compressor 1 Discharge Temp	Compressor 1 Suction Pressure	Compressor 1 Suction Temp	Discharge Pressure RUN	Discharge Temp RUN
09/16/2022 9:54:01 PM	9	0.029000001		173.25	181.7240005	29.59999847	29.80399995		
09/16/2022 9:49:01 PM	9	58.31899643	1	188.8749847	195.2420044	28.50000381	27.55399995	195.2420044	195.2420044
09/16/2022 9:04:01 PM	9	58.31899643	1	188.8749847	195.2420044	28.50000381	27.55399995	195.2420044	195.2420044
09/16/2022 8:59:01 PM	9	57.81150055	1	188.8749847	195.2420044	28.50000381	27.55399995	195.2420044	195.2420044
09/16/2022 8:39:01 PM	9	57.81150055	1	188.8749847	195.2420044	28.50000381	27.55399995	195.2420044	195.2420044
09/16/2022 8:34:01 PM	9	57.81150055	1	188.8749847	194.1980011	28.50000381	27.55399995	194.1980011	194.1980011
09/16/2022 8:29:01 PM	9	58.34800339	1	188.8749847	194.1980011	28.50000381	27.55399995	194.1980011	194.1980011
09/16/2022 7:49:01 PM	9	58.34800339	1	188.8749847	194.1980011	28.50000381	27.55399995	194.1980011	194.1980011
09/16/2022 7:44:01 PM	9	58.34800339	1	188.8749847	194.1980011	28.50000381	26.52800007	194.1980011	194.1980011
09/16/2022 7:14:01 PM	9	58.34800339	1	188.8749847	194.1980011	28.50000381	26.52800007	194.1980011	194.1980011
09/16/2022 7:09:01 PM	9	58.34800339	1	188.8749847	195.4400055	28.50000381	26.52800007	195.4400055	195.4400055
09/16/2022 7:04:01 PM	9	58.34800339	1	188.8749847	195.4400055	28.50000381	26.52800007	195.4400055	195.4400055
09/16/2022 6:59:01 PM	9	58.34800339	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 6:29:01 PM	9	58.34800339	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 6:24:01 PM	9	57.84049988	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 5:34:01 PM	9	57.84049988	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 5:29:01 PM	9	57.21700287	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 5:24:01 PM	9	57.21700287	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 5:19:01 PM	9	57.88400269	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 3:59:01 PM	9	57.88400269	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 3:54:01 PM	9	57.37649918	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 3:04:01 PM	9	57.37649918	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 2:59:01 PM	9	57.92749786	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 2:54:01 PM	9	58.59449768	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 2:39:01 PM	9	58.59449768	1	188.8749847	195.4400055	27.29999924	26.52800007	195.4400055	195.4400055
09/16/2022 2:34:01 PM	9	58.59449768	1	188.8749847	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 2:29:01 PM	9	58.59449768	1	188.8749847	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 2:24:01 PM	9	58.59449768	1	187.5	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 2:19:01 PM	9	58.59449768	1	189.125	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 2:14:01 PM	9	57.37649918	1	187.875	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 2:04:01 PM	9	57.37649918	1	187.875	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989
09/16/2022 1:59:01 PM	9	57.95650101	1	187.875	196.5019989	27.29999924	26.52800007	196.5019989	196.5019989

Below is a table summarizing trended condensing temperatures and discharge pressures for months that had trended data. An average condensing temperature was taken from this data.

	Trended Condensing Temps	Average Discharge Pressure Comp 1	Trended Condensing Temps	Average Discharge Pressure Comp 2
Jan	85.70	160.03		
Feb	82.89	153.39		
Mar	81.81	150.84		
Apr				
May				
Jun				
Jul				
Aug				
Sep	89.93	170.05		
Oct	72.65	129.15	97.72	188.47
Nov	71.53	126.52	96.51	185.59
Dec	83.70	155.29	96.51	185.61
Average Condensing Temperature				
85.90 Fahrenheit				



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The table below shows existing conditions of the old system on the left and actual conditions of the implemented system on the right.

Existing Conditions:		Actual conditions	
Average Refrigeration Load	80 Tons		80 Tons
Existing Condensing Temp	95 ° F		95 ° F
Existing kW/Ton	1.23 kW/T		1.23 kW/T
Operating Hrs.	4,200 Hrs		4,123 Hrs
Average Condensing Temp	71.0 ° F		85.9 ° F
Proposed kW / Ton	0.91 kW/T		1.11 kW/T
Savings Calculation:			
<u>kWh Savings</u>			
= ((kW/T existing - kW/T prop) * Tons * Hrs) - Fan kWh Penalty			
= 92,698 kWh		26,808 kWh	
Calculated Savings		92,698 kWh	
Measured Savings		20,808 kWh	
Under Calculated Savings		65,890 kWh	



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Brine Pump VFD Speed Control

Issue:

- The ice sheet brine pumps do not have VFD's to control their flow to maintain the ice temperature setpoint.
- Adding VFD's to vary the flow to maintain the ice sheet temperature setpoint will provide consistent ice conditions and reduce energy use for the pumps and compressors.

Proposed Modification:

- Add VFD's and any required controls and sensors to vary the brine pump speed.

Observations and Calculation Assumptions:

- Experience with other projects has given a new average pump speed of 85%

Existing:

Total Brine Pump HP	20 HP
Pump Duty Factor	90%
Existing Avg Pump Speed	100%
Proposed Avg Pump Speed	85%
Operating Hours	4,200 Hrs.

M&V Calcs:

Total Brine Pump HP	20 HP
Pump Duty Factor	90%
Existing Avg Pump Speed	100%
Actual Avg Pump Speed	94%
Operating Hours	4,200 Hrs.

Calculated Points:kW at 100%

$$\text{kW} = \text{HP} * .746 * \text{Duty Factor} / \text{Eff}$$
$$= 14.92 \text{ kW}$$

kW at 100%

$$\text{kW} = \text{HP} * .746 * \text{Duty Factor} / \text{Eff}$$
$$= 14.92 \text{ kW}$$

kW at Existing Speed

$$= \text{kW1} / (\text{Speed 1} / \text{Speed 2})^3$$
$$= 14.92 \text{ kW}$$

kW at Existing Speed

$$= \text{kW1} / (\text{Speed 1} / \text{Speed 2})^3$$
$$= 14.92 \text{ kW}$$

Savings Calculation:New Pump Speed kW

$$= \text{Existing Speed kW} / (\text{Existing Speed} / \text{Proposed Speed})^3$$
$$= 9.16 \text{ kW}$$

Savings Calculation:New Pump Speed kW

$$= \text{Existing Speed kW} / (\text{Existing Speed} / \text{Proposed Speed})^3$$
$$= 12.31 \text{ kW}$$

- kW Reduction

$$= \text{Existing kW} - \text{Proposed kW}$$
$$= 5.76 \text{ kW}$$

- kW Reduction

$$= \text{Existing kW} - \text{Proposed kW}$$
$$= 2.61 \text{ kW}$$

kWh Savings

$$= \text{kW Reduction} * \text{Operating Hours}$$
$$= 24,180 \text{ kWh}$$

kWh Savings

$$= \text{kW Reduction} * \text{Operating Hours}$$
$$= 10,951 \text{ kWh}$$

Calculated Savings	24,180 kWh
Measured Savings	10,951 kWh
Under Calculated Savings	13,229 kWh

The brine pump VFD's were slightly brought down in speed, but not enough to warrant the guaranteed savings.



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The brine pumps were not running at the required times to achieve brine pump night setback savings, so the savings were a total of 0 kWh.

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Exhibit 8: Building Controls Upgrades – Ames Ice Arena

Below is a comparison of the baseline energy used before the project at Ames Ice Arena and the actual energy usage post project at Ames Ice Arena.

BASELINE			Actual			SAVINGS		
Fan Energy KWH	Ventilation THERM	Cooling KWH	Fan Energy KWH	Ventilation THERM	Cooling KWH	Fan Energy KWH	Ventilation THERM	Cooling KWH
13,034	880	5,267	10,862	733	4,389	2,172	147	878
7,820	642	3,841	15,441	1,267	7,584	-7,621	-625	-3,743
7,820	623	3,731	4,450	355	2,123	3,370	269	1,608
13,034	1,100	6,584	7,107	600	3,590	5,927	500	2,994
Total	Total	Total	Total	Total	Total	Total	Total	Total
41709	3244	19424	37860	2954	17686	3849	290	1737



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Below is a table depicting a portion of the trend data of the RTU1 serving the lobby area of rink one at Ames Ice Arena. This RTU was shown to run on average of seventy hours per week based on the trend data through the months of January – February in 2022.

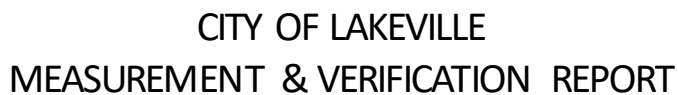
Timestamp	Supply Fan Status		Hours Between ON/OFF				
1/1/2022 7:00	100 ON		14:57:00				Hrs/Week
1/1/2022 21:57	100 OFF						70
1/2/2022 7:00	100 ON		15:00:00				
1/2/2022 22:00	100 OFF						
1/3/2022 7:39	100 ON		1:21:00				
1/3/2022 9:00	100 OFF						
1/3/2022 14:00	100 ON		8:00:00				
1/3/2022 22:00	100 OFF						
1/4/2022 14:00	100 ON		7:57:00				
1/4/2022 21:57	100 OFF						
1/5/2022 14:00	100 ON		7:57:00				
1/5/2022 21:57	100 OFF						
1/6/2022 14:00	100 ON		7:57:00				
1/6/2022 21:57	100 OFF						
1/7/2022 14:00	100 ON		8:00:00				
1/7/2022 22:00	100 OFF						
1/8/2022 7:00	100 ON		14:57:00				
1/8/2022 21:57	100 OFF						
1/9/2022 7:00	100 ON		15:00:00				
1/9/2022 22:00	100 OFF						
1/10/2022 14:00	100 ON		8:00:00				
1/10/2022 22:00	100 OFF						
1/11/2022 14:00	100 ON		7:57:00				
1/11/2022 21:57	100 OFF						
1/12/2022 14:00	100 ON		7:57:00				
1/12/2022 21:57	100 OFF						
1/13/2022 14:00	100 ON		7:57:00				
1/13/2022 21:57	100 OFF						
1/14/2022 14:00	100 ON		8:00:00				
1/14/2022 22:00	100 OFF						



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Below is a table depicting a portion of the trend data of the RTU2 serving the office area of Ames Ice Arena. This RTU was shown to run on average of roughly thirty-eight hours per week based on the trend data through the months of January – February in 2022.

Timestamp	Supply Fan Status		Hours Between ON/OFF			Week 1	Week 2	Week 3	Week 4	Week 5	Avg
1/1/2022 7:03	100 ON		2:42:00								
1/1/2022 9:45	100 OFF			Hours		43	36	38	39	33	37.8
1/1/2022 10:36	100 ON		0:39:00								
1/1/2022 11:15	100 OFF										
1/1/2022 12:03	100 ON		0:39:00								
1/1/2022 12:42	100 OFF										
1/1/2022 13:33	100 ON		0:36:00								
1/1/2022 14:09	100 OFF										
1/1/2022 15:00	100 ON		0:36:00								
1/1/2022 15:36	100 OFF										
1/1/2022 16:27	100 ON		0:36:00								
1/1/2022 17:03	100 OFF										
1/1/2022 17:57	100 ON		0:36:00								
1/1/2022 18:33	100 OFF										
1/1/2022 19:30	100 ON		0:33:00								
1/1/2022 20:03	100 OFF										
1/1/2022 21:00	100 ON		0:36:00								
1/1/2022 21:36	100 OFF										
1/2/2022 7:03	100 ON		3:30:00								
1/2/2022 10:33	100 OFF										
1/2/2022 11:18	100 ON		0:45:00								
1/2/2022 12:03	100 OFF										
1/2/2022 12:45	100 ON		0:42:00								
1/2/2022 13:27	100 OFF										
1/2/2022 14:18	100 ON		0:42:00								
1/2/2022 15:00	100 OFF										
1/2/2022 15:48	100 ON		0:36:00								
1/2/2022 16:24	100 OFF										
1/2/2022 17:15	100 ON		0:33:00								
1/2/2022 17:48	100 OFF										
1/2/2022 18:36	100 ON		0:39:00								
1/2/2022 19:15	100 OFF										
1/2/2022 20:06	100 ON		0:36:00								



Timestamp	Supply Fan Status		Hours Between ON/OFF				Week 1	Week 2	Week 3	Week 4	Week 5	Avg
1/1/2022 7:03	100 ON		0:45:00			Hours	28	39	21	53	38	35.8
1/1/2022 7:48	100 OFF											
1/1/2022 8:36	100 ON		0:18:00									
1/1/2022 8:54	100 OFF											
1/1/2022 9:48	100 ON		0:18:00									
1/1/2022 10:06	100 OFF											
1/1/2022 11:06	100 ON		0:15:00									
1/1/2022 11:21	100 OFF											
1/1/2022 12:30	100 ON		0:15:00									
1/1/2022 12:45	100 OFF											
1/1/2022 13:57	100 ON		0:15:00									
1/1/2022 14:12	100 OFF											
1/1/2022 15:24	100 ON		0:18:00									
1/1/2022 15:42	100 OFF											
1/1/2022 16:42	100 ON		0:18:00									
1/1/2022 17:00	100 OFF											
1/1/2022 18:06	100 ON		0:15:00									
1/1/2022 18:21	100 OFF											
1/1/2022 19:24	100 ON		0:21:00									
1/1/2022 19:45	100 OFF											
1/1/2022 20:48	100 ON		0:18:00									
1/1/2022 21:06	100 OFF											
1/2/2022 7:03	100 ON		0:57:00									
1/2/2022 8:00	100 OFF											
1/2/2022 8:39	100 ON		0:27:00									
1/2/2022 9:06	100 OFF											
1/2/2022 9:45	100 ON		0:30:00									
1/2/2022 10:15	100 OFF											
1/2/2022 11:00	100 ON		0:21:00									
1/2/2022 11:21	100 OFF											
1/2/2022 12:12	100 ON		0:27:00									
1/2/2022 12:39	100 OFF											
1/2/2022 13:33	100 ON		0:24:00									



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Below is a table depicting a portion of the trend data of the RTU4 serving the locker room area of rink one at Ames Ice Arena. This RTU was shown to run on average of roughly thirty-six hours per week based on the trend data through the months of January – February in 2022.

Timestamp	SaFanSts	Hours Between ON/OFF				
1/1/2022 7:04	1 OFF					Average over 7 Weeks
1/1/2022 10:58	1 ON	0:09:00				145.8571429
1/1/2022 11:07	1 OFF					
1/1/2022 22:07	1 ON	3:24:00				
1/2/2022 1:31	1 OFF					
1/2/2022 1:37	1 ON	0:33:00				
1/2/2022 2:10	1 OFF					
1/2/2022 14:58	1 ON	24:36:00				
1/3/2022 15:34	1 OFF					
1/3/2022 15:43	1 ON	66:15:00				
1/6/2022 9:58	1 OFF					
1/6/2022 13:43	1 ON	0:06:00				
1/6/2022 13:49	1 OFF					
1/6/2022 22:07	1 ON	3:24:00				
1/7/2022 1:31	1 OFF					
1/7/2022 13:43	1 ON	0:06:00				
1/7/2022 13:49	1 OFF					
1/7/2022 22:07	1 ON	295:57:00				
1/20/2022 6:04	1 OFF					
1/20/2022 13:40	1 ON	0:09:00				
1/20/2022 13:49	1 OFF					
1/20/2022 22:07	1 ON	7:24:00				
1/21/2022 5:31	1 OFF					
1/21/2022 13:40	1 ON	111:24:00				
1/26/2022 5:04	1 OFF					
1/26/2022 13:40	1 ON	256:57:43				
2/6/2022 6:37	1 OFF					
2/6/2022 12:58	1 ON	136:39:43				
2/12/2022 5:37	1 OFF					
2/12/2022 5:55	1 ON	0:00:43				
2/12/2022 5:55	1 OFF					
2/12/2022 6:31	1 ON	0:00:43				
2/12/2022 6:31	1 OFF					
2/12/2022 12:01	1 ON	18:42:43				



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Exhibit 9: Building Controls Upgrades – Hasse Ice Arena

Below is a comparison of the baseline energy used before the project at Ames Ice Arena and the actual energy usage post project at Hasse Ice Arena.

Fan Energy KWH	BASELINE Ventilation THERM	Cooling KWH	Fan Energy KWH	Actual Ventilation THERM	Cooling KWH	Fan Energy KWH	SAVINGS Ventilation THERM	Cooling KWH
31,282	367	0	7,797	91	0	23,485	275	0
31,282	1,584	0	6,517	330	0	24,765	1,254	0
11,731	1,116	0	6,517	620	0	5,214	496	0
3,910	779	0	349	70	0	3,561	709	0
5,214	1,980	0	1,924	731	0	3,290	1,249	0
5,214	1,741	0	2,234	746	0	2,979	995	0
13,034	599	3,588	5,858	269	1,613	7,177	330	1,976
3,910	174	1,043	2,793	124	745	1,117	50	298
Total	Total	Total	Total	Total	Total	Total	Total	Total
105576	8340	4631	33990	2982	2357	71587	5358	2274



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Below is a table depicting a portion of the trend data of the dehumidification unit serving the Hasse Ice Arena. This unit was shown to run on average of forty-five minutes per week at an economizer position of fifty, twenty-eight hours per week at an economizer position of twenty-five, roughly seventeen hours per week at an economizer position of zero. This was based off trend data for the months February-December of 2022.

Time stp	Economizer Positon	Supply Fan Status	Month	Hours Between ON/OFF
2/18/2022 1:33	0	1 OFF	2	
2/18/2022 2:03	28	1 ON	2	7:59:14
2/18/2022 10:02	0	1 OFF	2	
2/18/2022 12:55	0	1 OFF	2	
2/19/2022 1:10	28	1 ON	2	0:40:00
2/19/2022 1:50	28	1 OFF	2	
2/19/2022 2:25	28	1 ON	2	7:37:43
2/19/2022 10:02	0	1 OFF	2	
2/19/2022 11:18	0	1 ON	2	0:01:31
2/19/2022 11:20	0	1 OFF	2	
2/20/2022 1:00	28	1 ON	2	9:45:00
2/20/2022 10:45	28	1 OFF	2	
2/20/2022 10:50	28	1 ON	2	2:05:00
2/20/2022 12:55	28	1 OFF	2	
2/21/2022 1:18	50	1 ON	2	0:23:14
2/21/2022 1:41	0	1 OFF	2	
2/21/2022 1:59	0	1 OFF	2	
2/21/2022 2:02	28	1 OFF	2	
2/21/2022 2:03	50	1 ON	2	7:59:14
2/21/2022 10:02	0	1 OFF	2	
2/21/2022 11:25	0	1 ON	2	0:05:00
2/21/2022 11:30	0	1 OFF	2	
2/22/2022 1:55	0	1 ON	2	8:07:43
2/22/2022 10:02	0	1 OFF	2	
2/22/2022 10:40	0	1 ON	2	0:05:00
2/22/2022 10:45	0	1 OFF	2	
2/23/2022 1:40	0	1 ON	2	0:22:43
2/23/2022 2:02	28	1 OFF	2	
2/23/2022 2:48	0	1 ON	2	7:14:14
2/23/2022 10:02	0	1 OFF	2	
2/23/2022 10:55	0	1 ON	2	0:05:00
2/23/2022 11:00	0	1 OFF	2	
2/24/2022 1:18	0	1 ON	2	8:44:14
2/24/2022 10:02	0	1 OFF	2	

	Total Hrs	Hrs/Week		
Econ 50	33:39:40	0:42:05	0.75	
Econ 25	1341:47:10	27:57:14	28	14
Econ 0	806:41:42	16:48:22	16.75	



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Below is a table depicting a portion of the trend data of the MAU1 unit serving the Hasse Ice Arena. This unit was shown to run on average of roughly thirty-one hours per week based on the trend data through the months of January – December in 2022.

Time stp	Supply Fan Status		Hours Between ON/OFF					
1/20/2022 1:10	1 OFF							
1/20/2022 1:55	1 OFF						Total Hours	1350
1/20/2022 1:58	1 OFF							
1/20/2022 2:48	1 ON		1:57:31				Hrs/Week	30.68
1/20/2022 4:46	1 OFF							
1/20/2022 4:49	1 ON		0:09:00					
1/20/2022 4:58	1 OFF							
1/20/2022 5:01	1 OFF							
1/20/2022 5:10	1 OFF							
1/20/2022 5:13	1 OFF							
1/20/2022 5:25	1 ON		0:06:00					
1/20/2022 5:31	1 OFF							
1/20/2022 5:34	1 OFF							
1/20/2022 5:37	1 OFF							
1/20/2022 5:49	1 OFF							
1/20/2022 5:52	1 OFF							
1/20/2022 5:55	1 ON		0:57:00					
1/20/2022 6:52	1 OFF							
1/20/2022 6:55	1 OFF							
1/20/2022 6:58	1 ON		0:06:00					
1/20/2022 7:04	1 OFF							
1/20/2022 7:07	1 OFF							
1/20/2022 7:10	1 ON		0:03:00					
1/20/2022 7:13	1 OFF							
1/20/2022 7:19	1 OFF							
1/20/2022 7:22	1 OFF							
1/20/2022 7:28	1 OFF							
1/20/2022 7:31	1 ON		0:12:00					
1/20/2022 7:43	1 OFF							
1/20/2022 7:46	1 OFF							
1/20/2022 7:49	1 ON		0:06:00					
1/20/2022 7:55	1 OFF							
1/20/2022 8:04	1 OFF							



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Below is a table depicting a portion of the trend data of the MAU2 unit serving the Hasse Ice Arena. This unit was shown to run on average of roughly thirty-six hours per week based on the trend data through the months of December – December from 2021-2022.

Time stp	Supply Fan Status		Hours Between ON/OFF						
12/20/2021 2:48	1 ON		7:00:00						
12/20/2021 9:48	1 OFF						Hrs/Year	1706:06:14	
12/21/2021 2:48	1 ON		7:00:00						
12/21/2021 9:48	1 OFF						Hrs/Week	36	
12/22/2021 2:48	1 ON		7:00:00						
12/22/2021 9:48	1 OFF								
12/22/2021 11:48	1 OFF								
12/23/2021 2:48	1 OFF								
12/23/2021 8:48	1 ON		1:00:00						
12/23/2021 9:48	1 OFF								
12/24/2021 2:48	1 ON		7:00:00						
12/24/2021 9:48	1 OFF								
12/25/2021 7:48	1 ON		2:00:00						
12/25/2021 9:48	1 OFF								
12/26/2021 7:48	1 OFF								
12/27/2021 2:48	1 ON		2:00:00						
12/27/2021 4:48	1 OFF								
12/27/2021 8:48	1 ON		1:00:00						
12/27/2021 9:48	1 OFF								
12/27/2021 10:48	1 OFF								
12/28/2021 2:48	1 ON		7:00:00						
12/28/2021 9:48	1 OFF								
12/29/2021 2:48	1 ON		7:00:00						
12/29/2021 9:48	1 OFF								
12/29/2021 10:48	1 ON		1:00:00						
12/29/2021 11:48	1 OFF								
12/30/2021 2:48	1 ON		7:00:00						
12/30/2021 9:48	1 OFF								
12/31/2021 11:48	1 OFF								
1/1/2022 9:48	1 ON		0:00:00						
1/1/2022 9:48	1 OFF								
1/2/2022 2:48	1 ON		4:00:00						
1/2/2022 6:48	1 OFF								



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Below is a table depicting a portion of the trend data of the RTU1 unit serving the Hasse Ice Arena. This unit was shown to run on average of roughly sixty hours per week based on the trend data through the months of December – December from 2021-2022.

Time stp	Economizer Positon	Supply Fan Status		Hours Between ON/OFF				
12/20/2021 7:02	10	0 ON		2:57:00				
12/20/2021 9:59	10	1 OFF				Hrs/Year	2867:18:10	
12/21/2021 7:02	10	0 ON		2:57:00				
12/21/2021 9:59	10	1 OFF				Hrs/Week	60	
12/22/2021 7:02	10	0 ON		2:57:00				
12/22/2021 9:59	10	1 OFF						
12/23/2021 7:02	10	0 ON		2:57:00				
12/23/2021 9:59	10	1 OFF						
12/24/2021 7:02	10	0 ON		2:57:00				
12/24/2021 9:59	10	1 OFF						
12/25/2021 7:02	10	0 ON		2:57:00				
12/25/2021 9:59	10	1 OFF						
12/26/2021 7:02	10	0 ON		2:57:00				
12/26/2021 9:59	10	1 OFF						
12/27/2021 7:02	10	0 ON		2:57:00				
12/27/2021 9:59	10	1 OFF						
12/28/2021 7:02	10	0 ON		2:57:00				
12/28/2021 9:59	10	1 OFF						
12/29/2021 7:02	10	0 ON		2:57:00				
12/29/2021 9:59	10	1 OFF						
12/30/2021 7:02	10	0 ON		2:57:00				
12/30/2021 9:59	10	1 OFF						
12/31/2021 7:02	10	0 ON		2:57:00				
12/31/2021 9:59	10	1 OFF						
1/1/2022 7:02	10	0 ON		2:57:00				
1/1/2022 9:59	10	1 OFF						
1/2/2022 7:02	10	0 ON		2:57:00				
1/2/2022 9:59	10	1 OFF						
1/3/2022 7:02	10	0 ON		2:57:00				
1/3/2022 9:59	10	1 OFF						
1/4/2022 7:02	10	0 ON		2:57:00				
1/4/2022 9:59	10	1 OFF						
1/5/2022 7:02	10	0 ON		2:57:00				
1/5/2022 9:59	10	1 OFF						



CITY OF LAKEVILLE MEASUREMENT & VERIFICATION REPORT

Below is a table depicting a portion of the trend data of the RTU2 unit serving the Hasse Ice Arena. This unit was shown to run on average of roughly forty hours per week based on the trend data through the months of December – December from 2021-2022.

Time stp	Supply Fan Status		Hours Between ON/OFF				
12/20/2021 2:48	1 ON		7:14:14			Hrs/Year	1812
12/20/2021 10:02	1 OFF						
12/21/2021 2:48	1 ON		7:14:14			Hrs/Week	37.75
12/21/2021 10:02	1 OFF						
12/22/2021 2:48	1 ON		7:14:14				
12/22/2021 10:02	1 OFF						
12/23/2021 2:48	1 ON		7:14:14				
12/23/2021 10:02	1 OFF						
12/24/2021 2:48	1 ON		7:14:14				
12/24/2021 10:02	1 OFF						
12/25/2021 7:48	1 ON		2:14:14				
12/25/2021 10:02	1 OFF						
12/26/2021 7:48	1 ON		2:14:14				
12/26/2021 10:02	1 OFF						
12/27/2021 2:48	1 ON		7:14:14				
12/27/2021 10:02	1 OFF						
12/28/2021 2:48	1 ON		7:14:14				
12/28/2021 10:02	1 OFF						
12/28/2021 11:48	1 OFF						
12/29/2021 2:48	1 ON		7:14:14				
12/29/2021 10:02	1 OFF						
12/29/2021 12:48	1 OFF						
12/30/2021 2:48	1 ON		7:14:14				
12/30/2021 10:02	1 OFF						
12/31/2021 2:48	1 ON		7:14:14				
12/31/2021 10:02	1 OFF						
1/1/2022 6:59	1 ON		27:03:00				
1/2/2022 10:02	1 OFF						
1/3/2022 2:48	1 ON		2:00:00				
1/3/2022 4:48	1 OFF						
1/3/2022 9:48	1 ON		0:14:14				
1/3/2022 10:02	1 OFF						
1/4/2022 2:48	1 ON		7:14:14				
1/4/2022 10:02	1 OFF						

LAKEVILLE ARENAS



2023 ANNUAL REPORT AND BUDGET PRESENTATION



Lakeville
ARENAS



Lakeville ARENAS



A PUBLIC PARTNERSHIP

A JOINT POWERS AGREEMENT
BETWEEN THE CITY OF LAKEVILLE AND LAKEVILLE SCHOOLS

Lakeville Arenas

Lakeville Arenas is a separate entity under a Joint Powers Agreement between the City of Lakeville and ISD 194 formed in 2006 to operate the Ames Ice Arena and Hasse Ice Arena. Lakeville Arenas is responsible to pay for all its operating expenses with the revenue generated through ice rentals and other sources. Lakeville Arenas also contributes funds towards debt service as approved by its board and to a Capital Reserve Fund to pay for major repairs, replacements, and purchases for the buildings and facilities.

City of Lakeville

The city of Lakeville owns the Ames and Hasse Arenas property and buildings, which are leased to Lakeville Arenas. Current financial obligations include 50% of the debt service from the construction of Hasse Arena and the 50% of the debt service for the 7.9 million Energy Improvements Project completed in 2021. The city is also committed to approximately 80% of the current construction project underway at Hasse Arena to add a covered outdoor pavilion rink, which is part of the Parks Referendum passed by residents in 2021.

ISD 194 Lakeville Area Schools

Lakeville Area Schools has a commitment to purchase a minimum of 740 hours of ice rentals per year from Lakeville Arenas. The School District's Financial obligations are 50% of the debt service from the construction of Hasse Arena and the 50% of the debt service for the 7.9 million Energy Improvements Project completed in 2021.

LAKEVILLE ARENAS BORAD OF DIRECTORS



Judy Keliher
Board Chair
ISD 194 School Board



Michelle Volk
Board Vice Chair
Lakeville City Council



Troy Patterson
Board Secretary
Lakeville Resident



Justin Miller
Board Member
City Administrator



Dr. Doug VanZyl
Board Member
ISD 194 Superintendent

LAKEVILLE ARENAS MANAGEMENT TEAM



Joe Bergquist
General Manager



Nick Ames
Operations Manager



Tonyea Patterson
Learn to Skate Director
Part-Time



Lori Soderholm
Concessions Supervisor
Part-Time

Lakeville Arenas Current Contributions

- \$75,000 payment for Engineering for the 2020 Parking Lot Improvement Project.
- \$12,875.00 Current annual interest payment on 2020 Parking Lot Improvement Project.
- \$63,460.00 Annual Debt Contribution Payment for the 2021 Energy Improvement Project.
- \$140,000.00 Annual transfer of funds to the Capital Reserve Fund.
- \$320,000.00 Capital Expenditure from the reserve fund in 2023 for new dasher boards inside of Hasse Arena.

City of Lakeville Current Contributions

- \$204,000.00 paid on the 2020 Parking Lot Improvement Project.
- \$334,000.00 (approximate) Annual bond payment for the construction of Hasse Arena.
- \$230,000.00 (approximate) Annual bond payment for the 2021 - 7.9 Million Energy Improvements Project for Ames & Hasse Arenas.
- 5.5 Million (approximate) for 2023 Hasse Outdoor Rink Project. Annual bond payments TBD.

Lakeville Schools Current Contributions

- \$52,500.00 paid on the 2020 Parking Lot Improvement Project.
- \$334,000.00 (approximate) Annual bond payment for the construction of Hasse Arena.
- \$230,000.00 (approximate) Annual bond payment for the 2021 - 7.9 Million Energy Improvements Project for Ames & Hasse Arenas.



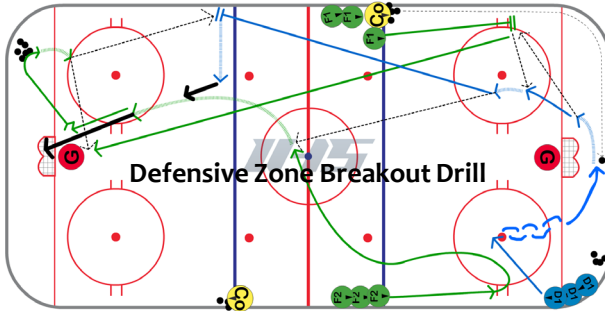
Lakeville Hockey Association (LHA) Contributions

- 100,000.00 (approximate) 2022 Construction of training center inside Ames Arena.
- \$700,000.00 (approximate) Commitment towards the 2020 Parking Lot Improvements
- 1.35 Million (approximate) Commitment towards the Hasse Outdoor Rink Project
- Total Annual Payments towards the parking lot and new outdoor rink are \$88,500.00.
- \$100,000.00 additional commitment in 2023 for additional Hasse improvements which include a training center, remodeled shipping containers for outdoor rink locker rooms, and landscaping for a public gathering areas with gas fire pits between the indoor and outdoor rinks.

Heritage Figure Skating Club Contributions

- \$100,000.00 (approximate) Commitment towards the 2020 Parking Lot Improvements
- \$175,000.00 (approximate) Commitment Towards Hasse Outdoor Rink Project
- Total Annual Payments towards the parking lot and new outdoor rink are \$11,500.00.

A BREAKOUT YEAR



2022 marked the first full year of normal operations since covid with new expansion and revenue goals in place.

Operations & Revenue Goals Accomplished

- Implemented New Welcome Centers
- Expanded Concession Operations & Sales
- Expanded Programming & Activities
- Expanded Ice Sales & Facility Use
- Expanded Skate Sharpening Capabilities
- Increased Advertising Sales
- Progressed with the Hasse Outdoor Pavilion Rink Expansion Plans

Lakeville ARENAS

2022

Our new welcome Centers combine all our public facing services into one convenient location for customers and users to easily find and get help with whatever they need.

- Customer Service
- Concessions Sales
- Pro Shop Sales
- Skate Sharpening
- Skate Rentals
- Public Activity Sales/Check-in
- Locker Room Keys
- Supervisor Station
- Pickup Ice Sales

NEW WELCOME CENTERS



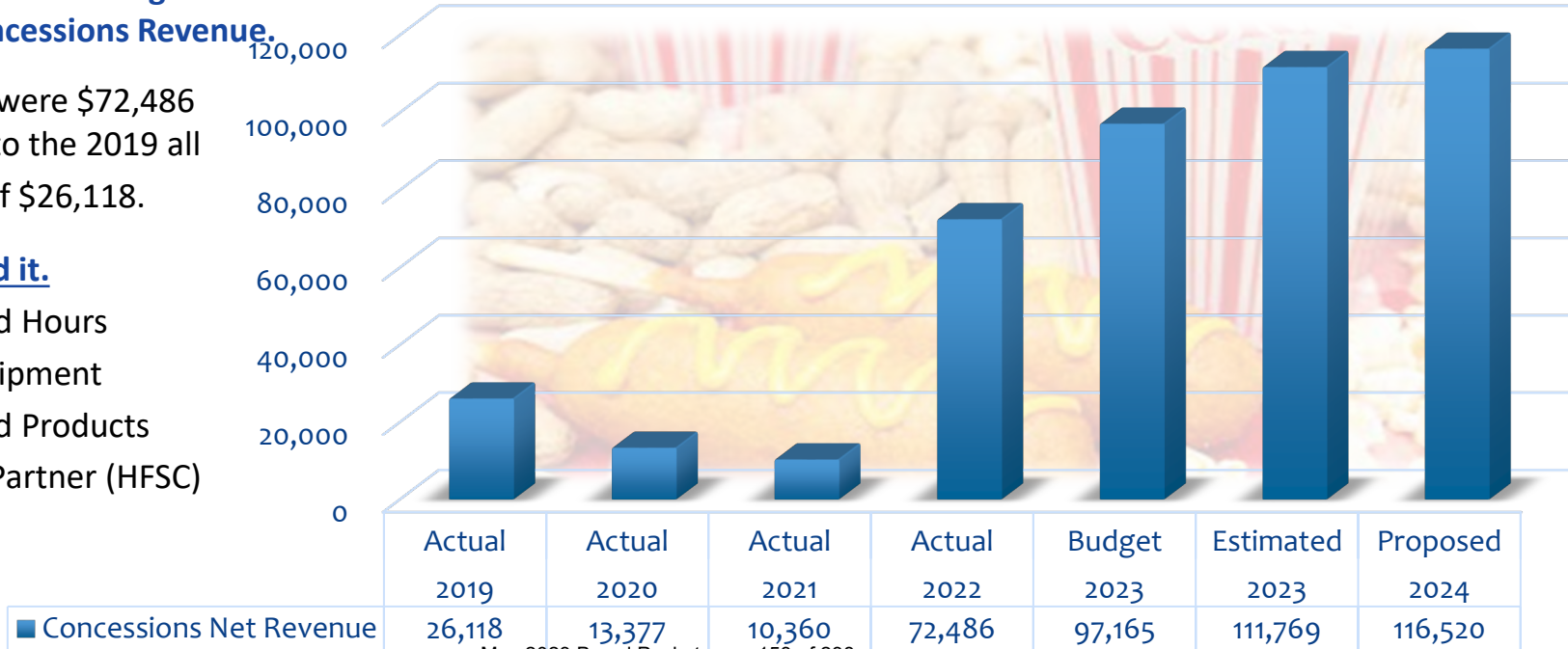
2022 Operations Budget Goal - Expand concessions Revenue.

2022 sales were \$72,486 compared to the 2019 all time high of \$26,118.

How we did it.

- Expanded Hours
- New Equipment
- Expanded Products
- Staffing Partner (HFSC)

CONCESSIONS REVENUE



Lakeville ARENAS

2022

2022 goal Expand Program and Event Revenues.

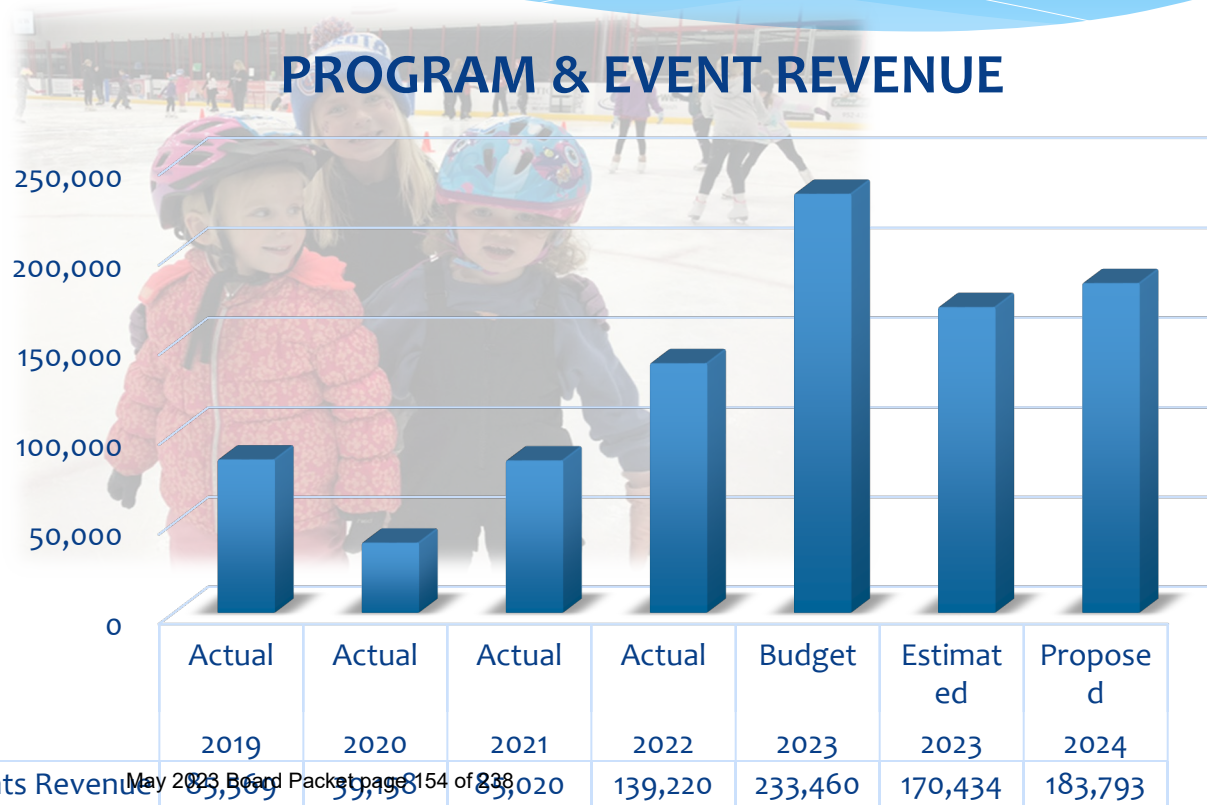
- Learn to Skate Program
- Public Open Skate & Hockey Admissions
- Internal Programs.

Revenue increased by \$53, 561 to \$139,220 compared to the 2019 all time high of \$85,569.

How we did it.

- \$22,000 Learn to Skate - Currently the 4th largest in Minnesota.
- \$12,900 - Expanded Open Hockey (Stick & Puck) offerings.
- \$17,996 - New Internal Program - Club Memberships.

PROGRAM & EVENT REVENUE



■ Total Programs & Events Revenue

Lakeville ARENAS

2022

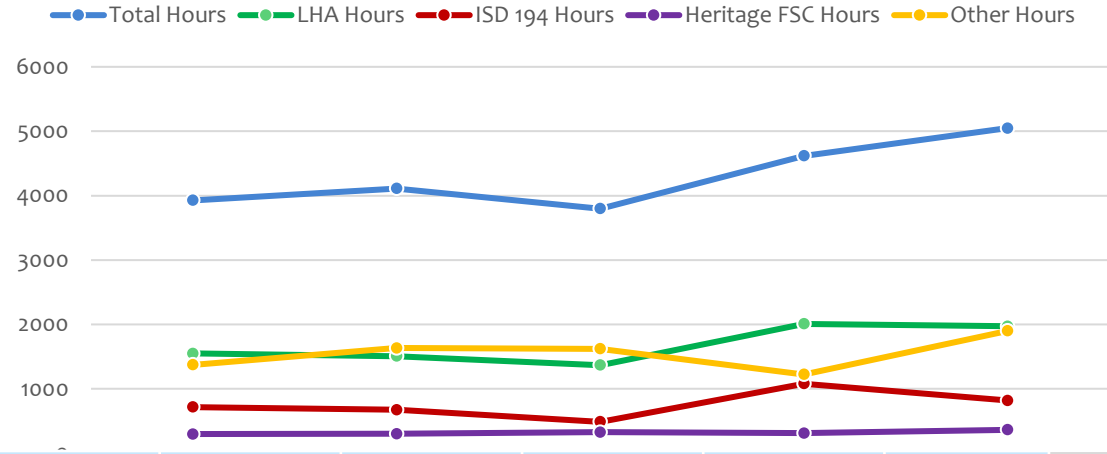
2022 Goal – Increase Ice Rental Hours

5049 Hours Rented in 2022 compared to 4617 in 2021 and 4112 in 2019 the previous all-time high.

How we did it.

- Improved Scheduling – Eliminated gaps between ice rentals and maximized hours until 10pm.
- Reduced resurface times to 10 minutes increasing daily rental hours.
- Increased off-season customers and available ice for sale.
- Added peak season before school ice rentals.
- New fire ice sale program for unsold ice.

2022 TOTAL ICE HOURS RENTED



ANNUAL	2018	2019	2020	2021	2022
Total Hours	3928	4112	3798	4617	5049
LHA Hours	1548	1505	1367	2007	1970
ISD 194 Hours	714	673	486	1078	817
Heritage FSC	295	300	326	310	363
Other Hours	1634	1634	1619	1223	1899

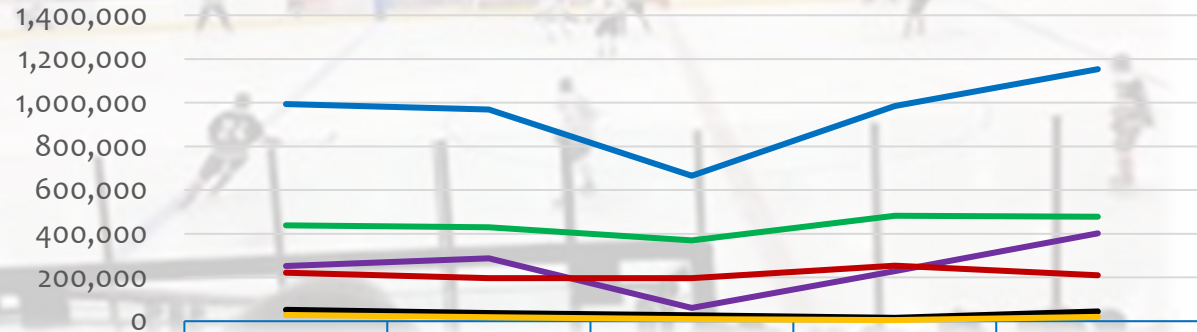
Lakeville ARENAS

2022

Facility Rental Revenue is Lakeville Arena's Core Revenue Stream at 80% of the Total Revenue.

- Total Facility Rentals in 2022 were an all time high at \$1,153,987, up \$168,393 over 2021.
- 2022 Other Rentals grew by 75% in 2022 and were \$402,052, compared to \$228,408 in 2021.

2022 FACILITY RENTAL REVENUE



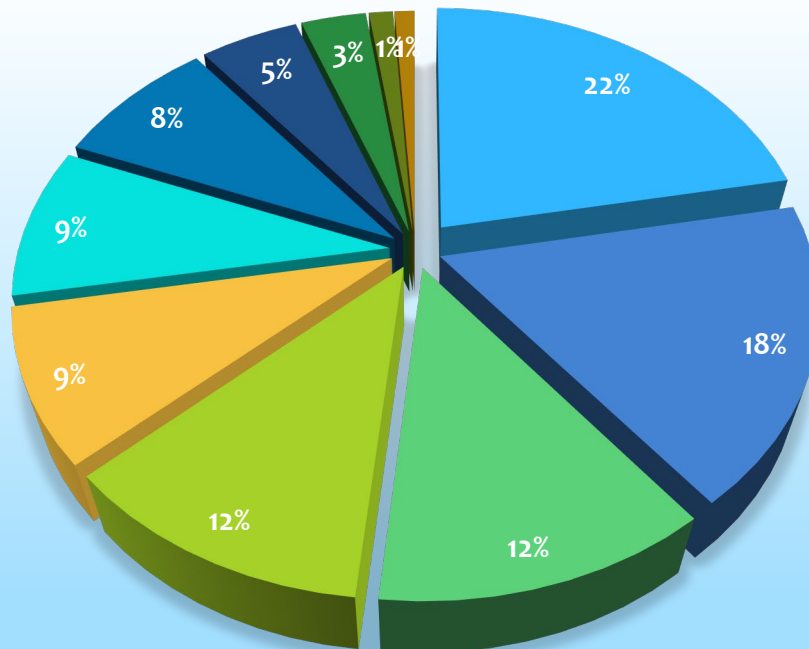
	2018	2019	2020	2021	2022
— TOTAL SALES	994,580	968,898	665,562	985,594	1,153,987
— LHA Rentals	438,390	429,757	370,475	483,260	477,840
— Other Rentals	253,187	287,498	61,172	228,408	402,052
— ISD 194 Rentals	222,432	196,751	197,062	254,064	210,124
— ISD 194 Gate	52,038	37,339	27,608	14,749	43,950
— Dry-Floor Rentals	28,533	17,553	9,245	5,113	20,021



Lakeville ARENAS

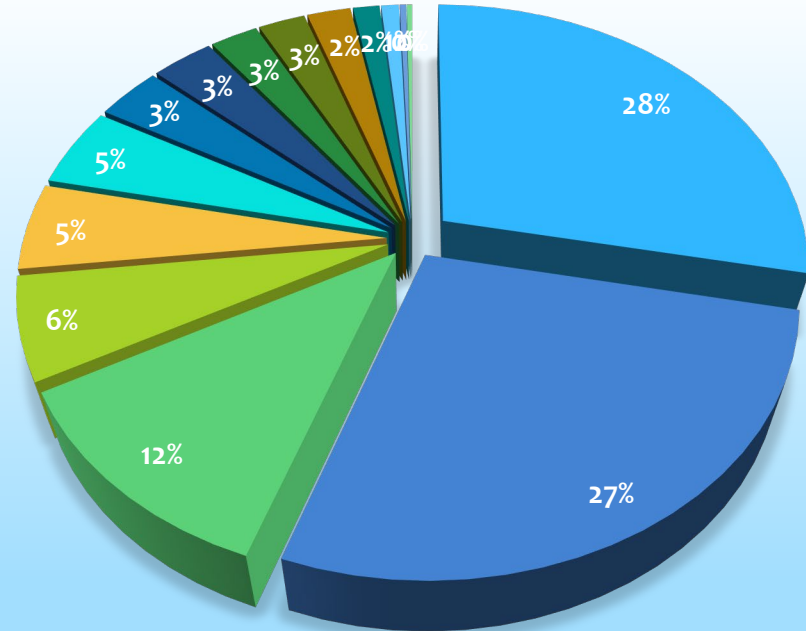
2022 2022 PUBLIC USE HOURS

- PUBLIC OPEN YOUTH HOCKEY - 426 Hrs.
- PUBLIC OPEN STICK & PUCK - 339 Hrs.
- ADULT HOCKEY SALES - 236 Hrs.
- PUBLIC DEAD ICE STICK & PUCK - 225 Hrs.
- LEARN TO SKATE LESSONS - 175 Hrs.
- PUBLIC OPEN SKATING - 172 Hrs.
- PUBLIC OPEN HIGH SCHOOL HOCKEY - 160 Hrs.
- PUBLIC PICK-PICKUP ICE SALES - 98 Hrs.
- PUBLIC OPEN ADULT HOCKEY - 65 Hrs.
- BIRTHDAYS PARTIES - 24 Hrs.
- ISD 194 (Gym Class) OPEN SKATING - 20 Hrs.



2022 RENTAL HOURS & PUBLIC USE HOURS COMBINED

- Lakeville Youth Hockey - 1970 Hrs.
- Other Ice Sales - 1899 Hrs.
- High School Teams - 817 Hrs.
- PUBLIC OPEN YOUTH HOCKEY - 426 Hrs.
- Heritage Figure Skating - 363 Hrs.
- PUBLIC OPEN STICK & PUCK - 339 Hrs.
- ADULT HOCKEY SALES - 236 Hrs.
- PUBLIC DEAD ICE STICK & PUCK - 225 Hrs.
- LEARN TO SKATE LESSONS - 175 Hrs.
- PUBLIC OPEN SKATING - 172 Hrs.
- PUBLIC OPEN HIGH SCHOOL HOCKEY - 160 Hrs.
- PUBLIC PICK-UP ICE SALES - 98 Hrs.
- PUBLIC OPEN ADULT HOCKEY - 65 Hrs.
- BIRTHDAYS PARTIES - 24 Hrs.
- ISD 194 (Gym Class) OPEN SKATING - 20 Hrs.



2022 Year End Financial Summary & Highlights

Revenue

- **Ice & Facility Rentals:** The largest gain in 2022 revenue was in ice sales, which was \$77,127 higher than the amended budget and \$168,393 higher than the original adopted budget. Total hours rented in 2022 were 5,044 compared to 4,570 in 2021. Both ice rental revenue and total hours sold in 2022 were all-time records.
- **Programs & Events:** 2022 Program and Event Revenue was \$139,220, which was \$19,791 over the amended budget and \$42,299 over 2021 actuals of \$85,020.
- **Concessions Revenue:** Concessions gross revenue after cost of goods was \$72,486 in 2022, which was \$7,796 under the amended budget, \$62,126 over 2021 (covid affected), and \$56,358 over the all time high in 2019.
- **Pro Shop:** 2022 revenue was \$13,035, \$1,289 over the amended budget, \$9,590 over 2021 (covid), and \$1,483 under 2019(pre-covid).
- **Other Revenues:** Advertising sales were \$39,147, \$8,439 over budget, \$33,474 over 2021(covid) and \$16,429 over 2019 (pre-covid).
- **Total Revenue:** Total revenues in 2022 were \$1,414,268, which was \$183,838 over the original budget of \$1,230,430, \$303,646 over 2021 (covid affected), and \$225,606 over 2019 (pre-covid) and the previous all time high.

2022 Year End Financial Summary & Highlights

OPERATING EXPENSES	2019 Actual	2020 Actual	2021 Actual	2022 Amended Budget	2022 Actual	2022 Budget Variance
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Expenditures

- Salary Expenses:** 2022 was the first year since before the pandemic that we were fully staffed with full time staff. Part time staff continued to be a problem due to the ongoing labor shortage. Total salary expenses were \$490,128 in 2022 compared to \$492,128 in the amended budget, and \$308,954 in 2021 when were short staffed in both full time and part time employees.
- Commodities (Supplies Purchased):** Commodities were \$9,833 below the amended budget of \$98,035 and \$16,475 over 2021. Most of the increase over 2021 was due to expanding the concessions the new welcome center at Ames Arena.
- Administration & Overhead Expenses:** Total Overhead was \$118,790 in 2022, which was \$9,300 under the budget of \$128,090, and 38,506 over 2021 actual. Most of the difference between 2021 was in credit card bank fees as we expanded digital sales, experienced larger advertising signage expenses due to new advertisers following Covid, and higher insurance premiums due to the 2021 Energy Improvements Project.
- Contracted Expenses:** Contracted expenses were \$172,043 which was \$10,403 over budget and \$45,239 over 2021. Most of the difference between 2021 was for cleaning services that added due to the labor shortage of part time staff.

2022 Year End Financial Summary & Highlights

OPERATING EXPENSES	2019	2020	2021	2022	2022	2022
Expenditures	Actual	Actual	Actual	Amended Budget	Actual	Budget Variance
Utility Expense						
Interest & Debt Service						
Capital Expenses						
Total Expenses						
Net Profit						
Employee Withholdings/Other						
Total Salary & Benefit Expenses						
Increase/decrease						

Utility Expense: Utilities was the second largest expense category and was approximately 54,000 higher than budget and \$80,481 over 2021. Electric was slightly higher than budget by \$1,200 but \$33,030 over 2021. Gas was over budget by \$8,219 and \$38,950 over 2021.

Interest & Debt Service: \$14,125 was spent in 2022 for interest on the 2020 parking lot improvements.

Capital Expenses: The capital reserve fund transfer was \$140,000 in 2022 and there was \$1,125 in computer capital outlay expense.

Total Expenses: Total expenses were \$1,367,477 compared an amended budget of \$1,372,374 and \$1,090,116 in 2021. Total expenses increased comparatively with revenue increases.

Net Profit: 2022 Net profit was \$46,791 compared to a budget of \$30,594 and \$20,506 in 2021.

2023 A YEAR OF TRANSITION



New Operations Plans & Revenue Goals

- Construction of the Hasse Outdoor Pavilion Rink
- Renovations Inside of Hasse Arena
 - Painting & Branding in Lakeville South Colors
 - Renovations to the Concessions Stand & New Welcome Center
 - Installation of a new set of Dasher Boards
 - Installation of a new Camera System
 - Installation of an LHA Training Area
- Implementing the New Welcome Center at Hasse
- Continued Expansion of Welcome Center Revenues
- Planning for New 2024 Revenue Streams and Goals.

2023 Estimated Budget Summary & Highlights

During the budgeting process for the upcoming year, management prepares a forecasted estimate for the current budget cycle to assist with preparing the upcoming year's budget. Current actual financial results are used and combined with forecasted and expected upcoming market conditions, unexpected changes to revenue and expenses, or other factors that may affect the current budget since the original budget was approved and adopted one year earlier.

SIGNIFICANT CHANGES SINCE THE 2023 BUDGET WAS PREPARED

- Hasse Outdoor Pavilion Rink Construction was Approved.
- 2023 Spring-Summer Tournaments Cancelled due to Construction.
- Apex Energy Savings Project Debt Service Payments of \$63,400 not Budgeted.
- 2023 Budgeted Expenses Cut to Accommodate the New Debt Service Payment.

What does this mean? An Amended 2023 Budget will be approved in the upcoming months by the Arenas Board to remain in compliance with state audit rules and regulations.

2023 Current and Estimated Budget Summary & Highlights

OPERATING REVENUE	2017	2018	2019	2020	2021	2022	2022	Budget	2023	2023	2024
	Actual	Actual	Actual	Actual	Actual	Budget	Actual	Variance	Budget	Estimated	Proposed
Revenue											
Ice & Facility Rentals	485,325	438,390	429,757	370,475	483,260	493,729	477,840	(15,889)	477,919	511,550	583,853
ISD 194 HS Game Gate Share	206,325	222,432	196,751	197,062	254,064	201,522	210,124	8,602	201,712	209,778	226,919
ISD 194 HS Game Gate	271,389	253,187	287,498	61,172	228,408	312,359	402,052	89,693	413,082	429,295	563,911
Share	41,750	52,038	37,339	27,608	14,749	37,241	43,950	6,709	47,148	39,110	39,110
• Ice & Facility Rentals:											
Estimated to be \$1,199,482 or 45,521 over budget.											
• Programs & Events:											
Will be down from budget by approximately \$63,000 due to the											
construction, which caused the spring-summer tournaments in 2023 to be postponed.											
• Concessions Revenue:											
Currently trending to be over budget by \$14,604 and over 2022											
actuals by \$39,283.											
• Pro Shop:											
Estimated to be slightly under budget by \$1,799, and above 2022 actual by											
\$5,515.											
• Other Revenues (primarily advertising):											
Estimated to exceed budget by \$5,111.											
• Total Revenue:											
Estimated to be \$1,547,347 and \$4,120 over budget, and \$133,000 over											
2022.											

2023 Current and Estimated Budget Summary & Highlights

OPERATING REVENUE	2017	2018	2019	2020	2021	2022	2022	Budget	2023	2023	2024
	Actual	Actual	Actual	Actual	Actual	Budget	Actual	Variance	Budget	Estimated	Proposed
Ice Rental - 194	485,325	438,390	429,757	370,475	483,260	493,729	477,840	(15,889)	477,919	511,550	583,853
Ice Rental - 194	206,325	222,432	196,751	197,062	254,064	201,522	210,124	\$,602	201,712	209,778	226,919
Salary Expenses											
Salaries are estimated to be at \$562,907, which is \$48,223 below a budget of \$611,130 due holding off on hiring full-time staff due construction. Full-time staff be adding later this year as the outdoor rink opens and Hasse Arena transitions to year-round operations next year.											
Commodities											
Estimated to be over the current budget by \$40,282 due to adding some tools and supplies for improvements at Hasse in conjunction with the construction. We are also moving advertising sales sign expenses from another GL category to commodities for more accurate reporting and tracking.											
Administration & Overhead Expenses											
2023 is estimated to be \$116,080 compared to \$118,790 in 2022, and slightly over budget by \$4,443 due to accounting reclassifications recommended by the auditors.											
Contracted Expenses											
Estimated to be \$130,000 compared to \$172,043 in 2022 and \$199,676 budgeted. \$39,257 is being cut from other contracted expenses to help pay for the new debt service payment which includes contracted cleaning services. Other reductions are from major building repairs of \$18,000 for an overhead fire door replacement new batteries for a Zamboni that will be moved and accounted for in capital outlay.											
Net Shop Revenue	0	0	0	0	0	2,500	2,535	35	2,500	4,609	8,043
Skate Rental	7,422	8,324	8,554	3,570	2,808	9,100	5,217	(3,883)	8,122	6,026	6,929
Total Pro Shop Products & Services	14,090	14,547	14,518	6,270	3,445	17,564	13,035	(4,529)	20,349	18,550	21,075
Increase/decrease		457	(29)	(6,246)	(2,627)	14,119	9,590		7,314	(1,799)	2,525
Total Welcome Center	52,270	57,510	63,702	25,677	25,764	65,721	121,492	55,771	149,905	184,569	194,557
Other Misc. Arena Revenues											

2023 Current and Estimated Budget Summary & Highlights

Expenditures

- **Utility Expense:** Total Utilities are estimated to be \$357,103 compared to the current budget of \$298,656, which currently has the Apex Credit showing in the budget for 63,460 from the Energy Improvement Project that needs to be removed. After the budget is amended it will be \$362,116. Utilities are currently trending lower than last year.
- **Interest & Debt Service:** The \$63,460 Apex Energy Improvement Debt Service Payment will affect the 2023 significantly this year once the offsetting credit is removed from the current 2023 budget.
- **Capital Expenses:** The capital reserve fund transfer will remain at \$140,000 in 2023. At this time there are 2 new capital outlay major repairs previously mentioned that will be moved to capital outlay for reporting and depreciation.
- **Total Expenses:** Total expenses after the cuts in an amended budget are made to account for the debt service payment and other changes mentioned will be \$1,547,347 compared to the original budget of \$1,521,062.
- **Net Profit:** 2023 Net profit is now estimated to be \$7,955 compared to the original budget of \$25,873 and \$46,791 in 2022.



NEW AND IMPROVED IN 24

- New Outdoor Pavilion Rink Opens
- Hasse Year-Round Operations
- New Summer Pavilion Rink Activities
- Continued Welcome Center Expansions
- New Spring & Summer Tournaments
- New Summer Ice Activities
- Continued Facility Improvements

2024 Proposed Budget Summary & Highlights

OPERATING REVENUE										2023	2023	2024
Revenue	Rentals	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Budget	2022 Actual	Budget Variance	Budget	Estimated	Proposed
Ice & Facility Rentals:		485,325	438,390	429,757	370,475	483,260	493,729	477,840	(15,889)	477,919	511,550	583,853
• Ice & Facility Rentals:												
2024 will see a significant revenue increase in facility rentals from the new outdoor pavilion rink and the expanded year-round indoor season at Hasse. However, 2024 is budgeted conservatively at \$1,423,555 due to the lack of historical data and experience with the new revenue.												
Programs & Events:												
• Programs & Events:												
2024 Programs and Events are budgeted conservatively at \$183,793 compared to 2022 actuals of \$139,220 due to lack of historical data and experience hosting tournaments in the spring and summer seasons. Any additional revenue will be added to the 2024 estimate when actual registrations are known.												
Concessions Revenue:												
• Concessions Revenue:												
The 2024 Concessions budget is \$116,520, which represents a 4% increase over our the 2023 and is based on current trends. Additional revenue is anticipated but will not be added until the 2024 estimate when currents trends for the remainder of 2023 can be confirmed.												
Pro Shop:												
• Pro Shop:												
Budget is \$21,075. Expanded products will be added in 2023 and skate sharpening is anticipated to continue growing due to the new Sparx Sharpeners.												
Other Revenues (Primarily Advertising):												
• Other Revenues (Primarily Advertising):												
\$48,296, A 30% increase is budgeted based on 2023 trends.												
Total Revenue:												
• Total Revenue:												
Combined total 2024 revenue is budgeted at \$1,793,238, which is \$378,970 over 2022 and 245,891 over 2023 estimated. 2024 Revenue is budgeted conservatively due to the unknown success of the new revenue being added in 2024.												

2024 Proposed Budget Summary & Highlights

OPERATING Expenditures	2017	2018	2019	2020	2021	2022	2022	Budget	2023	2023	2024
	Actual	Actual	Actual	Actual	Actual	Budget	Actual	Variance	Budget	Estimated	Proposed
2024 Salary Expenses:	485,323	438,390	429,757	370,475	483,260	493,729	477,840	(15,889)	477,919	511,350	583,853
Commodities:	123,910	123,910	123,910	123,910	123,910	123,910	123,910		123,910	123,910	123,910
Administration & Overhead Expenses:	118,790	116,080	116,080	116,080	116,080	116,080	116,080		116,080	116,080	116,080
Contracted Expenses:	154,795	154,795	154,795	154,795	154,795	154,795	154,795		154,795	154,795	154,795

2024 Proposed Budget Summary & Highlights

Expenditures Continued.....

- **Utility Expense:** A 5% increase is estimated in 2023 plus another 10% increase in electricity to in 2024 to account for the added expenses from the new outdoor rink. The new ammonia ice plant will also create some savings so we believe the 10% increase should be sufficient to account for the added refrigeration expenses that will be incurred at Hasse in 2024.
- **Interest & Debt Service:** 2023 and 2024 will include the new debt service commitment payment of 63,400, which is the guaranteed savings amount of the Apex energy Improvement Project completed in 2021. Total interest and debt commitments for 2024 will be approximately \$76,960.
- **Capital Expenses:** The transfer of funds to the capital reserve fund for 2024 will remain at \$140,000. There are no capital outlay expenses planned in 2024 at this time.
- **Net Profit:** Net Profit is expected to be positive and is conservatively budgeted at \$13,373 in 2024. However, we are optimistic that it will be higher because of the conservative budgeting of new revenue streams.

2024 Proposed Capital Reserve Fund Summary & Highlights

The 2023 Reserve Fund Budget has been amended to include a new set of dasher boards at Hasse to be installed while the ice it still out this summer during construction.

There are no expenditures planned in the 2024 budget at this time. A new Zamboni has been ordered with delivery either late in 2024 or early 2025. If it arrives early in 2024, we will amend the 2024 budget at that time.

LAKEVILLE ARENA RESERVE FUND

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Adopted	2023 Estimate	2024 Proposed	2025 Projected
Revenues								
Transfers from Operating Fund	130,000	130,000	135,000	140,000	140,000	140,000	140,000	140,000
Other/Grants	17,641	-	-	-	-	-	-	-
Interest on investments	7,225	3,622	2,145	3,464	331	3,464	3,464	3,464
Total revenues	154,866	133,622	137,145	143,464	140,331	143,464	143,464	143,464
Expenditures								
2019 Total Expenditures	270,409	-	-	-	-	-	-	-
2020 Total Expenditures	-	49,662	-	-	-	-	-	-
2021 Total Expenditures	-	-	177,699	-	-	-	-	-
2022 Total Expenditures	-	-	-	58,321	-	-	-	-
Dasher Boards - Hasse (2023)	-	-	-	-	-	320,000	-	-
Zamboni - Ames (Jan 2025)	-	-	-	-	-	-	-	210,000
Total Capital Projects	270,409	49,662	177,699	58,321	-	320,000	-	210,000
Net increase/(decrease)	(115,543)	83,960	(40,554)	85,142	140,331	(176,536)	143,464	(66,536)
Balance January 1	332,503	216,960	300,920	260,366	330,626	330,626	154,090	297,553
Balance December 31	216,960	300,920	260,366	345,508	470,957	154,090	297,553	231,017



Thank you!

Comments & Questions



Lakeville
ARENAS

Lakeville ARENAS



2024 Budget

Proposed April 19, 2023

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Lakeville ARENAS

April 19, 2023

Lakeville Arenas Board members

The Joint Powers Agreement requires the Board to approve an annual budget on a calendar year basis. The budget must set forth projected expenditures and revenues necessary to finance lease payments, fund the capital maintenance reserve and to maintain, operate, and manage the Arena Complexes. The budget must be submitted to the City and School District prior to June 1st. The Board must approve the budget prior to July 1. As such the proposed 2024 budget is hereby presented to the Board for their consideration and approval.

The budget is comprised of the following funds for Lakeville Arenas to effectively manage its financial resources.

- General (Operating) Fund. The General Fund accounts for the overall operations of the Lakeville Arenas.
- Capital Reserve Fund. The Capital Reserve Fund was established to provide the financing of future equipment replacements and major facility repairs and improvements.

The salient issues relative to the proposed budget for each of the respective funds are discussed in the sections attached hereto.

Respectfully Submitted,



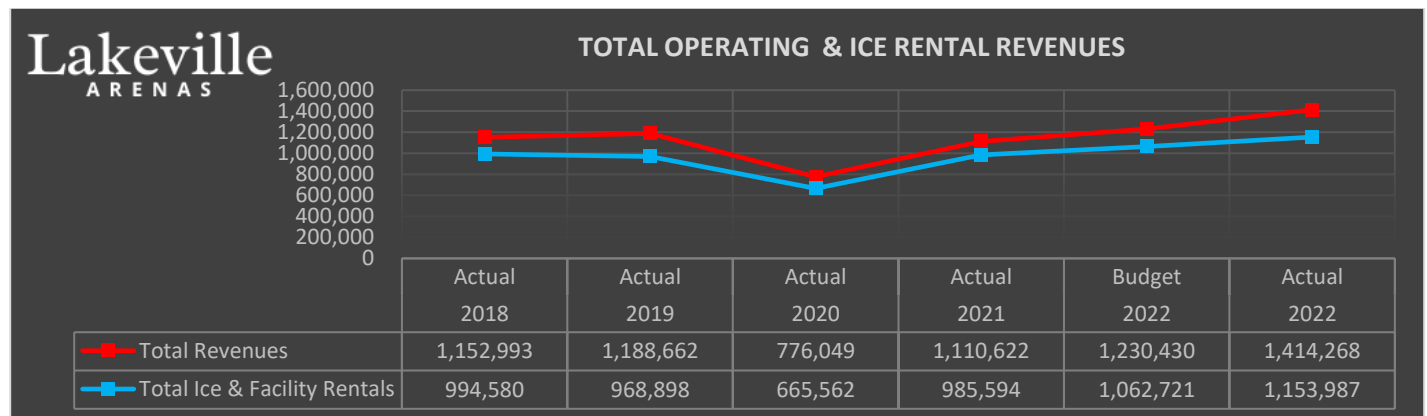
Joe Bergquist – Lakeville Arenas General Manager

2022 Financial Summary

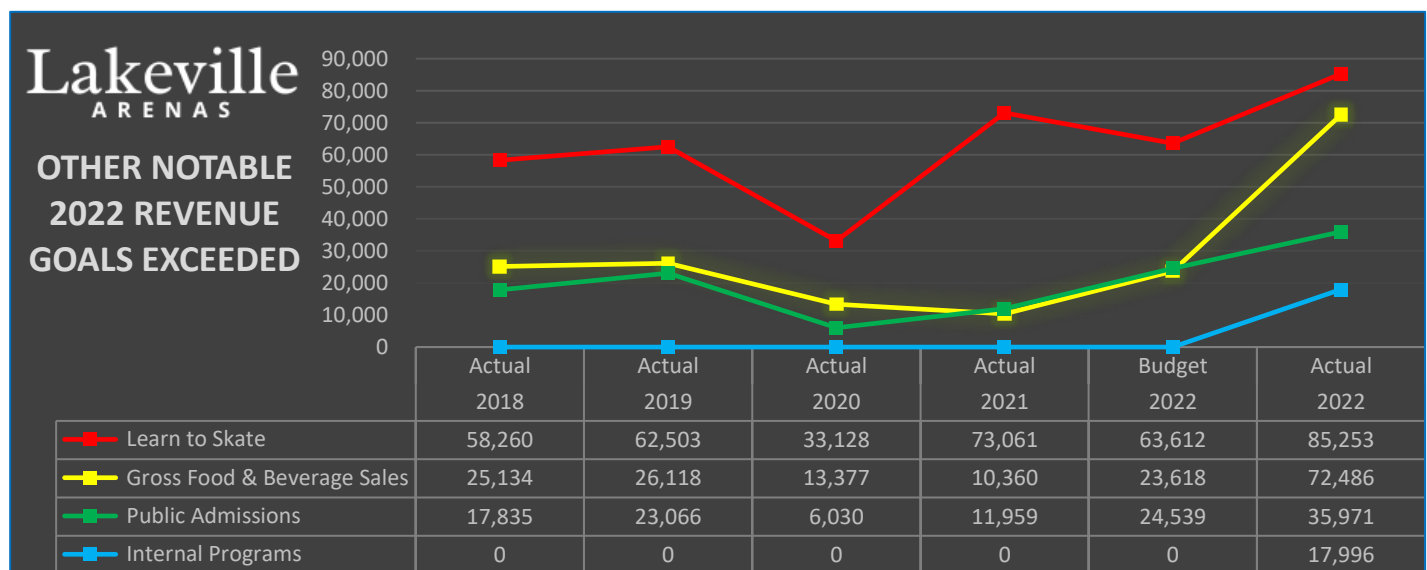
The 2022 fiscal year marked the 15th full year of joint operation of both the Ames and Hasse Arenas. The joint operation has enabled the Lakeville Arenas organization to continue to offer new and expanded opportunities to better serve our customers and the community. Some of the highlights and initiatives are as follows.

REVENUES

2022 marked the first year of new revenue expansion goals designed to improve the programs, amenities, and facilities provided to customers and residents. 2022 was very successful in regard to increasing overall revenue, which was fueled by increased ice sales, public admissions, concession sales and internal programing. The original budget for 2022 was set in early 2021 during the pandemic and with the uncertainty of when we would return to normal. 2019 actual results were used as a benchmark for the 2022 budget. In 2022 Management implemented several operational improvements and revenue expansion goals designed to provide additional revenue that would provide facility and staffing improvements. The success of these new initiatives can be seen in the vast budget variances in both revenue and expenses.



Total revenues in 2022 were \$119,808 higher than budget of \$1,110,622 and \$303,646 higher compared to 2021 actual. The largest gain in revenue was in ice sales which was \$77,127 higher than budget and \$168,393 higher than the original adopted budget. The total hours rented in 2022 were 5,044 compared to 4,570 in 2021. Both ice rental revenue and total hours sold in 2022 were all-time records.



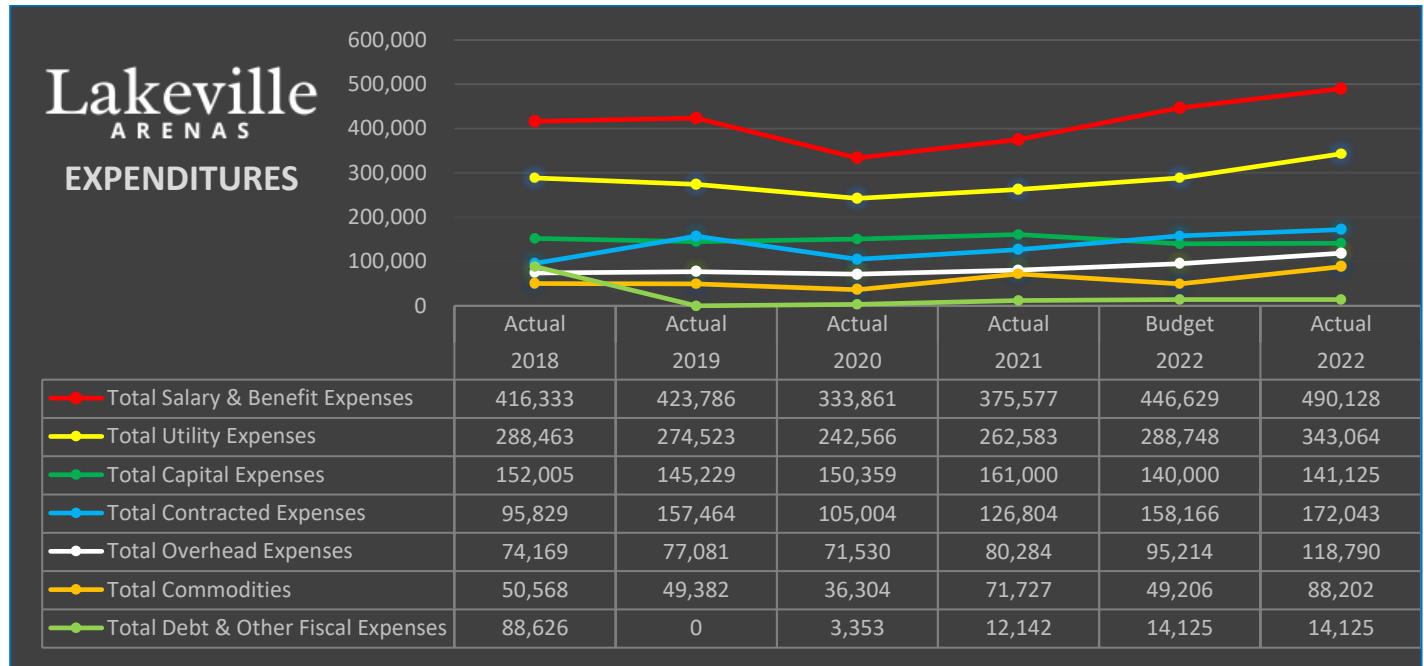
Other notable revenue goals exceeding the budget and set by management included concessions and pro-shop sales, learn to skate programming, advertising sales, new internal programs, and public admissions, all of which also set all-time records.

OPERATING REVENUE

	2019	2020	2021	2022	2022	2022
	Actual	Actual	Actual	Amended Budget	Actual	Budget Variance
Ice & Facility Rentals						
Ice Rental - LHA	429,757	370,475	483,260	539,960	477,840	(62,120)
Ice Rental - ISD 194	196,751	197,062	254,064	220,392	210,124	(10,268)
Ice Rental Other	287,498	61,172	228,408	341,606	402,052	60,446
ISD 194 HS Game Gate Share	37,339	27,608	14,749	46,193	43,950	(2,243)
Dry floor Rentals	17,553	9,245	5,113	19,378	20,021	643
Total Ice & Facility Rentals	968,898	665,562	985,594	1,167,529	1,153,987	(13,542)
Increase/decrease	(25,682)	(303,336)	320,032	181,935	168,393	
Programing & Events Revenue						
Learn to Skate	62,503	33,128	73,061	79,507	85,253	5,746
Public Admissions	23,066	6,030	11,959	39,922	35,971	(3,952)
Internal Programs	-	-	-	-	17,996	17,996
Total Programs & Events Revenue	85,569	39,158	85,020	119,429	139,220	19,791
Increase/decrease	9,474	(46,411)	45,862	34,409	54,200	
Concessions Sales						
Gross Food & Beverage Sales	26,118	13,377	10,360	80,282	72,486	(7,796)
(Cost of Goods Sold)	-	-	-	-	-	-
Concessions Net Revenue	26,118	13,377	10,360	80,282	72,486	(7,796)
Increase/decrease	984	(12,741)	(3,017)	69,922	62,126	
Pro Shop Products & Services						
Gross Pro Shop Product Sales	-	-	-	936	2,535	1,599
Pro Shop Cost of Goods Sold	-	-	-	-	-	-
Net Pro Shop Revenue	-	-	-	936	2,535	1,599
Skate Sharpening	5,964	2,700	637	5,477	5,283	(194)
Skate Rental	8,554	3,570	2,808	5,333	5,217	(116)
Total Pro Shop Products & Services	14,518	6,270	3,445	11,746	13,035	1,289
Increase/decrease	(29)	(8,248)	(2,825)	8,301	9,590	
Other Misc. Arena Revenues						
Games-Vending Machines	6,376	5,146	881	1,122	1,677	555
Advertising Sales / Other	22,718	4,966	5,673	30,708	39,147	8,439
Donations/Other Misc.	51,189	31,304	24,465	7,962	6,202	(1,760)
Interest on Investments	-	-	-	3,917	4,317	400
Net Change in FV of Investments	13,276	10,266	(4,816)	(19,727)	(15,802)	3,925
Cash Over/(Short)	-	-	-	-	-	-
Total Other Arena Revenues	93,559	51,682	26,203	23,982	35,541	11,559
Increase/decrease	50,922	(41,877)	(25,479)	(2,221)	9,338	
Total Revenues	1,188,662	776,049	1,110,622	1,402,968	1,414,268	11,300
Increase/decrease	35,669	(412,613)	334,573	292,346	303,646	

EXPENDITURES

The additional revenues of 2022 were used for a wide variety of improvements such as purchasing new concessions and pro shop equipment for expanding sales and making repairs and improvements to the buildings and equipment at both Ames and Hasse. Management was also able to increase salary plans to be more competitive during the recent labor shortage and expand full time positions that will allow Lakeville Arenas to better clean the facilities, maintain the buildings and equipment, offer new programs and opportunities, and better serve our customers and residents overall. Most importantly we have been able to absorb some of the steep increases that we have been seeing for supplies, energy, and other services during the current inflationary period. Increase of revenue and expenses were consistent with one another in 2022. Expenditures were up overall similar to revenues and 97% of revenue as budgeted.



All expense categories increased comparatively to revenues and ended the year within 1% of their budgeted percent of revenue goals. While some of the increases in expenses were from improvements and competitive salary adjustments made with the additional revenues of 2022, many of the increases were also driven by inflation and higher operating costs. Fortunately, the success of the new expanded operations and revenue goals helped absorb some of these higher costs. Had we not had the increased revenues from expansion, many of the improvements would not have been completed and most likely would have seen a loss for the year in net revenue due to the inflation we experienced from our supplies and services.

Salary & benefit expenses increased due to salary plan increases, added workloads in concessions, expanded hours for ice sales, and simply being the first year since the pandemic started that we were fully staffed all year.

Utilities were the second largest expense category at \$54,000 higher than budget and \$81,000 compared to 2021. Electric was slightly higher than budget by \$1,200 but \$33,000 compared to 2021. Gas was higher than budget by \$48,000 and \$38,950 compared to 2021.

Contracted expenses were higher than budget by \$14,000, which was due to equipment repairs and upgrades completed with the additional revenues from 2022. The failing Hasse ice plant also accounted for some added uncommon repair expenses. There were also expenses for cleaning services not included in the budget.

Commodity expenses were also higher due to using some of the additional revenues for upgraded equipment in the concessions stands, new ceiling tiles at Ames, new carpet for the vestibules, and other facility improvements.

Overhead expenses were up primarily due to credit card processing fees as we have transitioned the sales of our products and services to digital payments to keep current with public needs and demands.

OPERATING EXPENSES	2019	2020	2021	2022	2022	2022
	Actual	Actual	Actual	Amended Budget	Actual	Budget Variance
Employee Salary Expenses						
Salaries - Full Time	191,079	157,428	155,819	228,913	230,289	1,376
Overtime	-	-	-	21,957	19,767	(2,190)
Salaries - Part Time	148,379	103,871	153,135	144,377	141,394	(2,983)
Total Employee Salaries	339,458	261,299	308,954	395,247	391,450	(3,797)
Employee Benefit Expenses						
PERA	14,348	18,205	17,635	22,091	23,986	1,895
Hospitalization	33,718	23,368	16,874	22,378	20,484	(1,894)
Life and Disability	99	96	151	147	138	(9)
Long Term Disability	383	324	300	451	457	6
Dental Insurance	1,856	1,439	1,345	1,548	1,294	(254)
FSA	-	-	-	71	93	22
Total Employee Benefits	50,404	43,432	36,305	46,686	46,452	(234)
Employee Withholdings-Other Expenses						
FICA	25,162	19,509	23,625	29,063	29,912	849
Workers Compensation	8,762	9,380	6,693	11,446	11,846	400
Unemployment Compensation	-	241	-	10,468	10,468	-
Payroll Contingency	-	-	-	-	-	-
Employee Withholdings/Other	33,924	29,130	30,318	50,977	52,226	1,249
Total Salary & Benefit Expenses	423,786	333,861	375,577	492,910	490,128	(2,782)
Increase/decrease	7,453	(89,925)	41,716	117,333	114,551	
% of Revenue	36%	43%	34%	35%	35%	

COMMODITIES

Office Supplies / Equipment	3,005	3,419	3,716	3,640	3,731	91
Operating Supplies & Equipment	15,475	10,572	19,958	32,327	31,460	(867)
Motor Fuels	565	223	463	951	872	(79)
Cleaning Supplies / Equipment	10,708	8,802	5,617	11,224	8,231	(2,993)
Clothing	2,473	-	4,851	1,036	36	(1,000)
Chemicals (Condensing Towers)	-	-	-	-	-	-
Safety Supplies & Equipment	-	11,495	1,973	1,282	1,356	74
Equipment Parts & Supplies	2,688	541	2,549	3,524	758	(2,766)
Building Repair Supplies & Equipment	14,012	952	20,284	28,673	32,562	3,889
Parking Lot Maintenance Supplies	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	-	-	-	-
Signs (Advertising Sales Sign Expenses)	-	-	-	-	-	-
Small Tools/Equipment	305	260	5,432	10,378	4,957	(5,421)
Computer Supplies	151	40	6,884	5,000	4,239	(762)
Total Commodities	49,382	36,304	71,727	98,035	88,202	(9,833)
Increase/decrease	(1,186)	(13,078)	35,422	26,308	16,475	
% of Revenue	4%	5%	6%	7%	6%	

OTHER CHARGES & SERVICES

Admin & Overhead Expenses

Professional Services Expenses

Professional Fees	-	-	-	-	-	-
Attorney Fees	-	1,470	-	-	-	-
Fiscal Management Fee	33,792	34,500	34,896	36,588	36,588	-
Bank Charges	2,133	1,288	1,967	16,274	16,570	296
Audit	6,125	6,300	6,500	6,695	6,695	-
Advertising (Old Dashers/New Media Expense)	6,247	1,169	4,985	17,067	6,407	(10,660)
Insurance	19,151	19,792	19,335	25,137	25,134	(3)
Postage & Shipping	16	-	-	-	-	-
Total Professional Expenses	67,464	64,519	67,683	101,761	91,394	(10,367)

Training & Education Expenses

Tuition Reimbursement	-	-	-	-	-	-
Schools and Conferences	-	-	-	662	662	-
Total Education Expenses	-	-	-	662	662	-

	2019 Actual	2020 Actual	2021 Actual	2022 Amended Budget	2022 Actual	2022 Budget Variance
Other Admin & Overhead Expenses						
Travel Expenses	-	-	-	-	-	-
Use of Personal Auto	230	12	-	122	122	-
Misc. Expenses (Commissions-Donations)	-	-	-	11,925	11,925	-
Dues/Subscriptions/Licenses	9,387	6,999	12,601	13,620	14,687	1,067
Licenses & Taxes	-	-	-	-	-	-
Total Other Overhead Expenses	9,617	7,011	12,601	25,667	26,734	1,067
Total Overhead Expenses	77,081	71,530	80,284	128,090	118,790	(9,300)
Increase/decrease	2,912	(5,551)	8,754	47,806	38,506	
% of Revenue	6%	9%	7%	9%	8%	
Contracted Expenses						
Other Contractual	10,939	8,838	20,880	54,318	59,029	4,711
Contract Auto Repair	-	-	-	-	-	-
Equipment Repair and Maintenance	3,402	12,873	15,464	15,373	17,059	1,686
Building Repair and Maintenance	122,114	72,231	72,912	72,921	73,561	640
Contract Landscaping	690	318	260	-	1,733	1,733
Contract Cleaning	-	-	-	-	-	-
Snow Removal	20,319	10,744	17,288	19,028	20,661	1,633
Total Contracted Expenses	157,464	105,004	126,804	161,640	172,043	10,403
Increase/decrease	61,635	(52,460)	21,800	34,836	45,239	
% of Revenue	13%	14%	11%	12%	12%	
Utility Service Expenses						
Electric Service	187,768	171,312	179,093	217,573	212,123	(5,450)
Gas Service	57,458	41,714	56,885	87,616	95,835	8,219
Utility Energy Savings (APEX)	-	-	-	(63,460)	-	63,460
Water	16,076	16,510	18,744	22,025	25,278	3,253
Waste Disposal	11,241	9,734	4,546	7,316	6,799	(517)
Telephone/IS	1,980	3,296	3,315	3,045	3,029	(16)
Total Utility Expenses	274,523	242,566	262,583	274,115	343,064	68,949
Increase/decrease	(13,940)	(31,957)	20,017	11,532	80,481	
% of Revenue	23%	31%	24%	20%	24%	
Gross Operating Expenses	982,236	789,265	916,974	1,154,790	1,212,227	57,437
Earnings before Interest-Debt-Capital	206,426	(13,216)	193,648	248,178	202,041	(46,137)
Increase/decrease	(21,205)	(219,642)	206,864	54,530	8,394	
% of Revenue	17%	-2%	17%	18%	14%	
Interest and Debt Expenses						
Debt Service Payments - Major Maintenance	-	-	12,142	14,124	14,125	1
(APEX) Energy Savings Project - Debt Commitment	-	-	-	63,460	-	(63,460)
Debt Service	-	-	-	-	-	-
Bad Debts	-	3,353	-	-	-	-
Total Debt & Other Fiscal Expenses	-	3,353	12,142	77,584	14,125	(63,459)
Increase/decrease	(88,626)	3,353	8,789	65,442	1,983	
% of Revenue	0%	0%	1%	6%	1%	
Capital Expenses						
Capital Outlay Buildings	2,200	-	26,000	-	-	-
Capital Outlay Machinery & Equipment	13,029	15,853	-	-	-	-
Capital Outlay Other Improvements	-	-	-	-	-	-
Capital Outlay Computers	-	4,506	-	-	1,125	1,125
Transfer to Capital Reserve Fund	130,000	130,000	135,000	140,000	140,000	-
Total Capital Expenses	145,229	150,359	161,000	140,000	141,125	1,125
Increase/decrease	(6,776)	5,130	10,641	(21,000)	(19,875)	
% of Revenue	0	0	0	0	0	
Total Expenditures	1,127,465	942,977	1,090,116	1,372,374	1,367,477	(4,897)
Increase/decrease	(38,528)	(184,488)	147,139	282,258	277,361	
% of Revenue	95%	122%	98%	98%	97%	
NET INCOME	61,197	(166,928)	20,506	30,594	46,791	16,197
Increase/decrease	74,197	(228,125)	187,434	10,088	26,286	
% of Revenue	5%	-22%	2%	2%	3%	
Fund Balance Beginning of Year	501,313	562,510	395,582	462,879	416,088	
Fund Balance End of Year	562,510	395,582	416,088	493,473	462,879	

2023 Financial Estimate and 2024 Proposed Budget

During the budgeting process for the upcoming year, management prepares an estimate and forecast for the current budget cycle to assist with preparing the upcoming year's budget. Current actual financial results are used and combined with expected upcoming market conditions, unexpected expenses, or other factors that may have changed since the original budget was approved and adopted one year earlier. At the time that the 2023 budget was prepared the construction of the outdoor rink at Hasse was uncertain due to new cost estimates and other concerns. The current adopted budget was prepared without construction and additional revenue expansion goals planned for Hasse to stay open year-round for new internal programming such as tournaments.

There are currently several significant situations that have occurred since the 2023 budget was developed, which have a significant impact to the current 2023 budget. The first is the substantial increase in revenue and expenses in 2022 that have an impact on multiple revenue and expense lines, second is the impact that the construction of the outdoor rink, and third is the addition of a debt service payment using savings from the Apex Energy Improvements Project to be paid towards the bond payments for the project. The payment was not included in the 2023 budget because the amount of savings and payment was not yet known. Management is proposing that the following 2023 financial estimate and details be used to amend the 2023 budget to address these impacts on the original 2023 budget. The Lakeville Arenas Board has full authority over the financial affairs of the Organization. The Board adopts an annual budget for the Organization. During the budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as 'adopted Budget' represent the original budgeted amounts. Any changes in the budget must be approved by a majority vote of the Board.

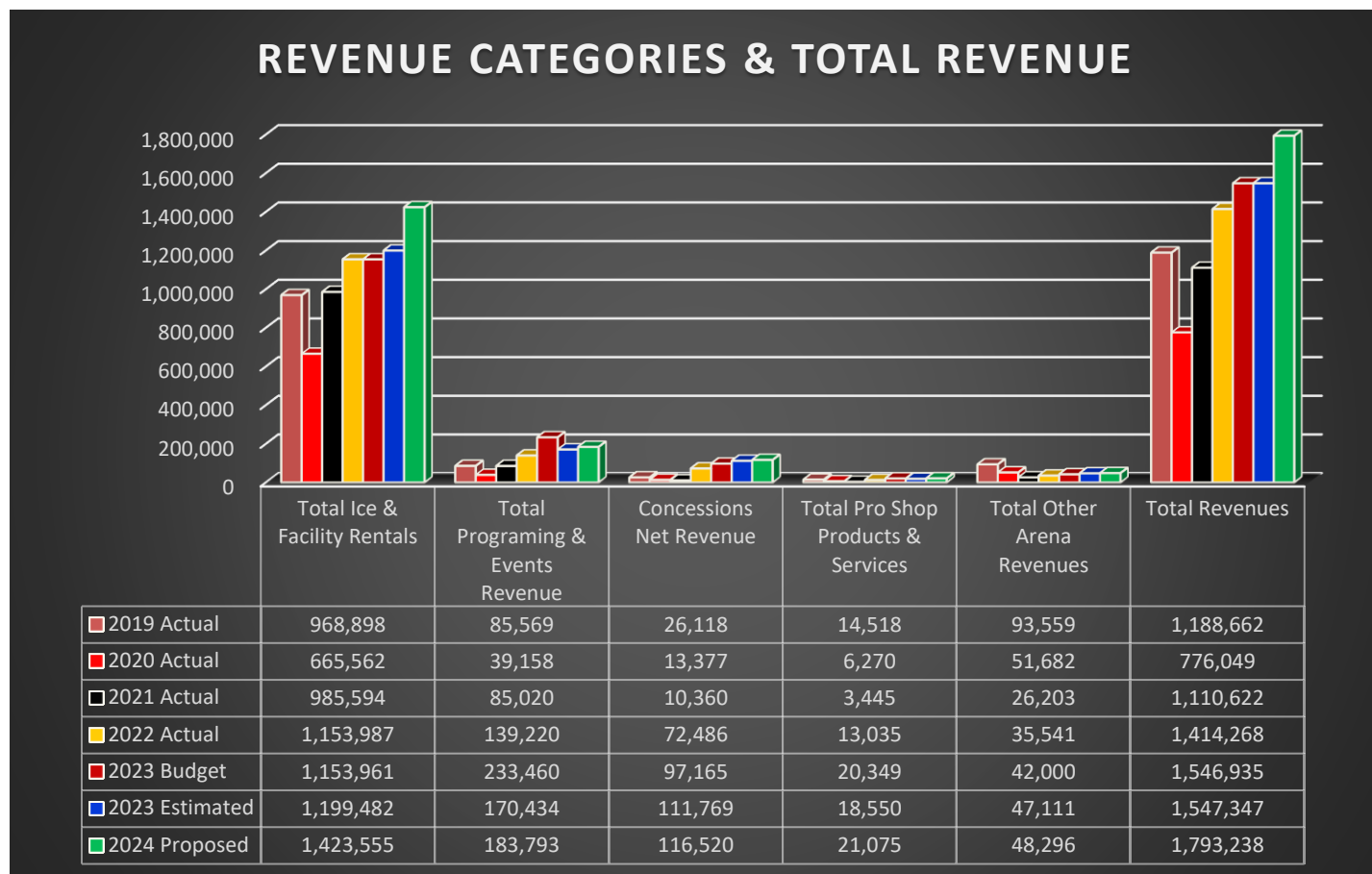
The 2024 budget has significant increases in rental revenues primarily from the addition of the new covered outdoor pavilion rink that is scheduled to open in 2024 and from having Hasse open year-round for ice rentals starting in 2024. The new revenue has been budgeted conservatively because there is no historical history or trends. The new internal programming revenue originally planned in 2023 for tournaments but delayed because of construction will be planned for 2024, but they are not included in the 2024 budget because of the unpredictability of their success at this time. They will be included in next year's budget estimate when the registrations will be known, and the actual revenues and expenses can be better forecasted.

2024 budget expenses are expected to increase comparatively to revenue and have been budgeted using historical actual expenses, percent of revenue trends, and actual forecasted expenses. Additional expenses from the new outdoor sheet and year-round operation of Hasse have been budgeted forecasted and added to the budget as well. The full-time driver staffing model to address increased year-round operations at Hasse Arena, additional programming expansion, as well as staffing shortages for part time drivers that was put on hold this past year because of construction will be implemented this fall and in all of 2024. The new staffing model will have 6 FTE positions. Current positions planned include 1 General Manager, 1 Operations Manager, 2 Supervisor/Drivers, and 2 Driver-Lead worker positions.

Also included in this report is the proposed capital reserve fund budget. The capital reserve fund is used to provide a financial framework for replacement of the arena infrastructure as it ages. Before construction was approved for the new outdoor rink at Hasse, the aging dasher board system inside was planned to be replaced in 2023 using capital reserve funds. However, after construction of the new rink was approved the need for an additional Zamboni was a priority and placed in front of the dasher board system for capital reserve funds. Due to this, management asked Becker Arenas Systems to perform an inspection of the indoor dasher system and prepare a quote for repairing the deficiencies so that the boards could be used safely for another couple years. As we expected the quote report pointed out many of the same deficiencies that we were aware of as well as many others and the quote to make the boards usable and safe is \$57,694. Recently when we placed our order for the new Zamboni, we were informed that manufacturing and delivery was out approximately a year and a half or longer, which puts delivery at the end of 2024 or early 2025. Management is recommending that the new dasher board system for the inside rink at Hasse be moved ahead of the Zamboni and be purchased and installed this summer while the ice is already out for construction. This will not only save the \$58k in repairs it will save the additional costs to remove the ice again and the loss of revenue while doing so. The 2023 capital reserve fund budget will need to be amended to add the new dasher system this summer. There are currently no other capital projects budgeted in 2023. The new Zamboni will be tentatively budgeted for in 2025, but if it arrives late in 2024, we will amend the reserve fund budget at that time to include it.

The following is a detailed summary of the actual results so far this year combined with the expected changes and impacts from the above-mentioned items affecting the 2023 and 2024 budgets.

2023 ESTIMATED & 2024 BUDGET REVENUE



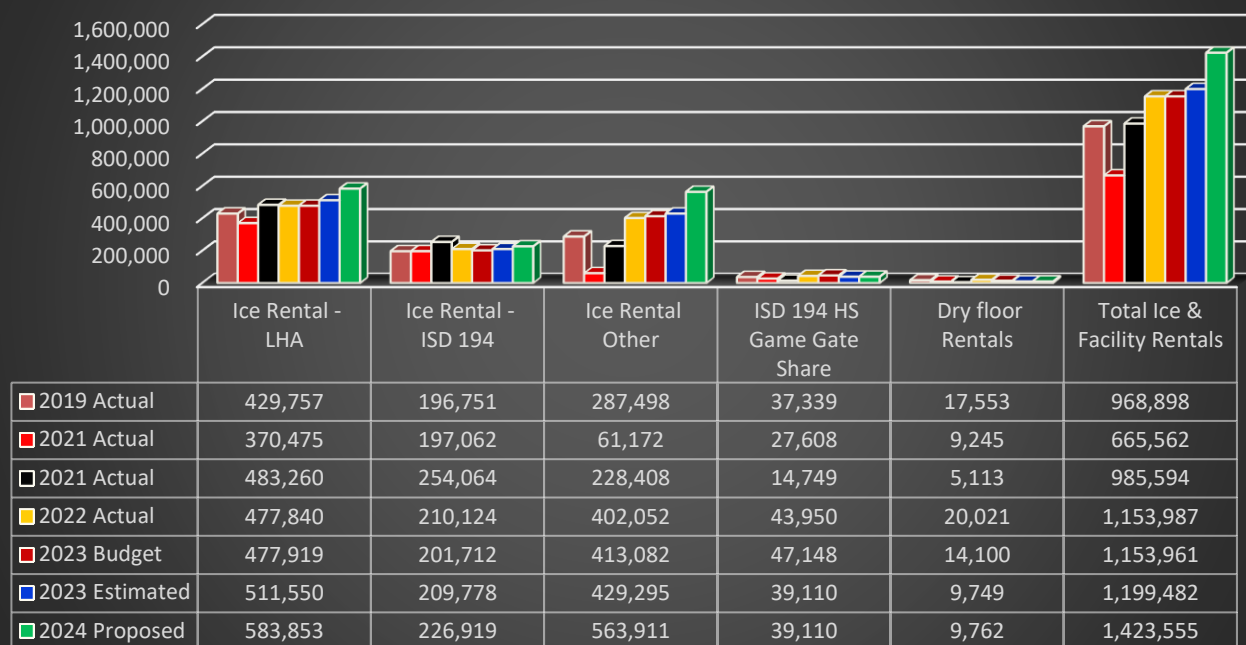
Total Ice & Facility Revenues: Ice and facility rentals are the core business and revenue streams for Lakeville Arenas and equal 80% of all revenues. 2023 ice rentals are estimated to exceed the budget even though having Hasse open year-round was pushed back to 2024 due to construction. Some of the reasons include the expanded availability with before school ice sales, improved scheduling and ice sales, growth within LHA with a need for more ice, and rate increases. Ice sales in 2024 will see the largest revenue increase with the opening of a new outdoor rink at Hasse Arena and the indoor rink going from 5 months of operations and sales to 12 months.

Programming & Events Revenue: Estimated 2023 programming and events revenue will be down substantially due to our expansion of hosting off-season tournaments being pushed back due to construction at Hasse Arena. There is significant growth in public admissions in 2023 and budgeted in 2024 also. Additional details for these areas are below in this report.

Welcome Center Operations Revenue: Our new Welcome Center operations which merged our concessions, pro shop, and front desk operations into one location and operation is one of our revenue expansion goals that launched in 2022. This area continues to exceed expectations and budgets. More details on both the concessions and pro shop budgets are below.

Total Other Revenues: Most of the revenue in this category is advertising sales, which is currently exceeding budgets and expectations. We are planning new advertising opportunities for 2023 and 2024 as most of our current ones are currently sold out. Other uncommon streams in this category are large donations or grants, which are represented within the 2019 & 2020 results.

ICE RENTAL REVENUE



2023 estimated ice & facility rentals include actual January through March 2023 results, current reservations booked and confirmed April through August, and forecasted rentals for September through December based on 2022 actual rentals. 2024 revenues are based on the current 2023 estimate and 2022 actual results.

Ice rental revenues beginning in October of 2023 include a recommended annual ice rental rate increase of \$10 per hour or 4%. Our prime rate for the upcoming winter season will increase from \$250 to \$260 per hour and the prime summer rate in 2024 will increase from \$180 per hour to \$190 per hour. Additional non-prime rate details are included later in this budget report.

The ice rental rate increases will help with increased expenses such as annual cost of living increases for employees, the new full time staffing model being implemented in 2023 & 2024, new debt commitment payments for the \$7.9 million apex energy improvements project, and overall inflationary expenses to our energy costs and other expenses.

This rate increase for our prime winter rate will keep our rates the same as our closest competitor, who is Farmington. Burnsville's rates and other nearby competitors are expected to be between \$250 and \$260 per hour based on recent surveys. Lakeville Arenas has historically had one of the higher ice rental rates due to our ownership entity as a joint powers agreement, which requires us to pay for all operating expenses with the revenues taken in. In addition, our local primary users receive other benefits with their ice rentals that are usually charged for by arenas such as free conference room rentals, free lease space for areas like training facilities, dedicated year-round locker rooms, and storage space.

LHA Ice Rentals: 2023 rentals are estimated to be slightly higher, which reflects the before mentioned combination of schedules and ice rate increases. Increased estimates also include the recent growth and teams added for the 2022-2023 season. 2024 includes additional rentals from the outdoor pavilion rink as well as annual rate increases.

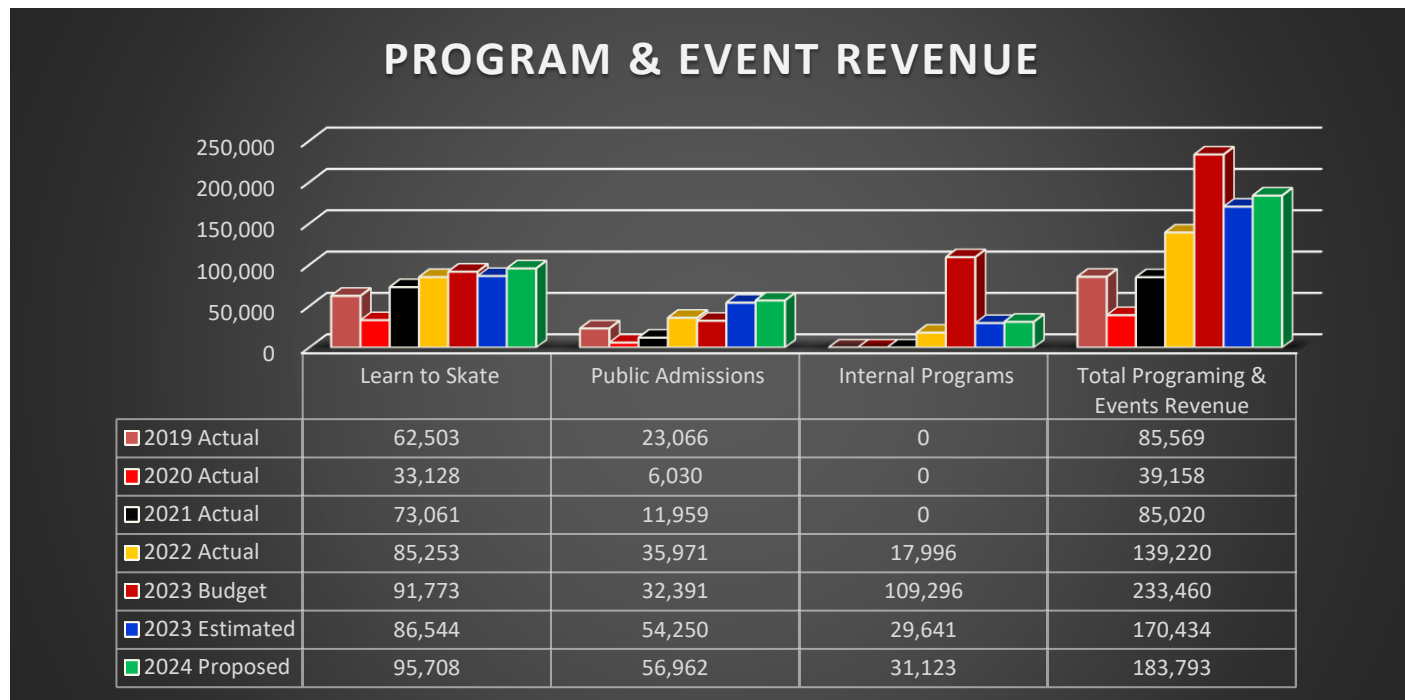
ISD 194 Ice Rentals: Overall sales for 2023 are expected to remain consistent and primarily reflect annual rate increases. 2024 revenue includes rate increases and a holiday tournament being added by the South Girls Program.

Ice Rentals Other: Other ice rentals in 2023 reflect increased hours from before school rentals and rate increase this fall. 2024 includes new rentals from the new outdoor sheet as well as new sales from Hasse remaining open year-round, which adds an additional 5 months of ice sales. Sales for the new additional months are budgeted conservatively at 50% of what

we currently sell at one of the sheets at Ames during those additional months, but the expectations are that we will most likely exceed this amount.

Gate Share Revenue: Gate share revenues in 2023 are reduced due to online ticket sales fees as well as some reduction in attendance which spiked in 2021 following covid.

Dry-Floor Rentals: The 2023 estimate is actual scheduled events taking place this spring. We do anticipate a substantial increase from added programming on the new outdoor pavilion rink in 2024 but have not yet determined the programming that will take place yet. Activities and events being considered are roller hockey, pickleball, possible turf events, concerts, festivals and other community rentals and events. Those revenues will be added to the 2024 estimate next year.



Total estimated programs and events revenue will be down significantly from budget due to the construction at Hasse Arena. Originally when the 2023 budget was planned the Hasse expansion had not yet been finalized or considered in the 2023 budget. The original budget called for Hasse being open year-round and tournaments being added to our internal programs. We are tentatively planning to add tournaments in 2024 but have chosen to not add them at this time and wait until the 2024 estimate when we have a better idea of their success due to registrations.

Learn to Skate: Over the past several years Learn to skate has seen significant growth in participants and revenue. We have been consistently in the top five for programs in Minnesota. Estimated revenue will be down slightly due to shorter sessions this spring because of available calendar dates and availability of instructors. We will be instituting a \$.50-cent increase per session for the 2024 budget and credit card processing fees will now be paid by the participants when they register starting with 2023 summer registrations.

Public Admissions: Public Admissions (Open Skate & Hockey) have seen a substantial increase this past year since introducing a new club program and adding before and after school open stick and puck ice. 2023 estimated is based on our current actual trends. We are budgeting 2024 the same as 2023, but we expect our ice club memberships to grow, which affects our public walk-in sales.

Internal Programs: Estimated internal programs have been reduced significantly due to our new tournament business plans getting pushed back due to construction. As mentioned earlier we are waiting to add tournament revenue during the 2024 estimated budget next year.

Learn to Skate Detail

2024 Budget

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter - Dec Revenue	295	12.5	8	\$29,500	\$11,941	\$17,559	56	\$14,560	\$2,999
Spring - Mar Revenue	302	12.5	8	\$30,200	\$8,991	\$21,209	56	\$10,640	\$10,569
Summer - Jun Revenue	150	12.5	8	\$15,000	\$7,361	\$7,639	24	\$4,560	\$3,079
Fall - Sep Revenue	210	12.5	8	\$21,000	\$13,199	\$7,801	56	\$14,840	(\$7,039)
Total	957			\$95,700	\$41,491	\$54,209	192	\$44,600	\$9,609

2023 Estimated

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter - Dec Revenue	295	12	8	\$28,320	\$11,593	\$16,727	56	\$14,000	\$2,727
Spring - Mar Revenue	302	12	6.5	\$23,556	\$8,729	\$14,827	56	\$10,080	\$4,747
Summer - Jun Revenue	150	12	8	\$14,400	\$7,146	\$7,254	24	\$4,320	\$2,934
Fall - Sep Revenue	210	12	8	\$20,160	\$12,814	\$7,346	56	\$14,560	(\$7,214)
Total	957			\$86,436	\$40,283	\$46,153	192	\$42,960	\$3,194

2022 Actual

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter	275	12	8	\$26,400	\$12,925	\$13,475	56	\$13,720	(\$245)
Spring	273	12	8	\$26,208	\$8,475	\$17,733	56	\$9,800	\$7,933
Summer	144	12	8	\$13,824	\$6,938	\$6,886	24	\$4,200	\$2,686
Fall	207	12	8	\$19,872	\$12,441	\$7,431	56	\$14,000	(\$6,569)
Total	899			\$86,304	\$40,779	\$45,525	192	\$41,720	\$3,805

2021 Actual

Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	185	11.38	8	\$16,835	\$6,253	\$10,582	56	\$13,720	(\$3,138)
Spring	195	11.38	8	\$17,745	\$5,434	\$12,311	56	\$9,800	\$2,511
Summer	108	11.38	8	\$9,828	\$5,093	\$4,735	24	\$4,200	\$535
Fall	235	11.38	8	\$21,385	\$15,774	\$5,611	56	\$14,000	(\$8,389)
Total	723			\$65,793	\$32,554	\$33,239	192	\$41,720	(\$8,481)

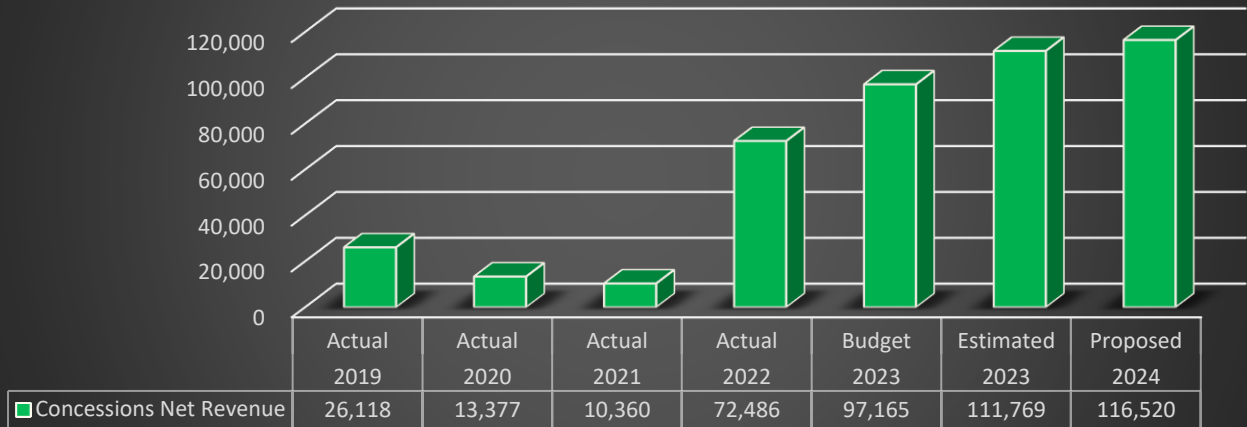
2020 Actual

Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	318	11.12	8	\$22,642	\$8,494	\$14,148	56	\$13,160	\$988
Spring	0	11.12	8	\$0	\$0	\$0	0	\$0	\$0
Summer	38	11.12	8	\$2,706	\$2,887	(\$181)	24	\$4,080	(\$4,261)
Fall	0	11.12	8	\$0	\$0	\$0	0	\$0	\$0
Total	356			\$25,347	\$11,381	\$13,967	80	\$17,240	(\$3,273)

2019 Actual

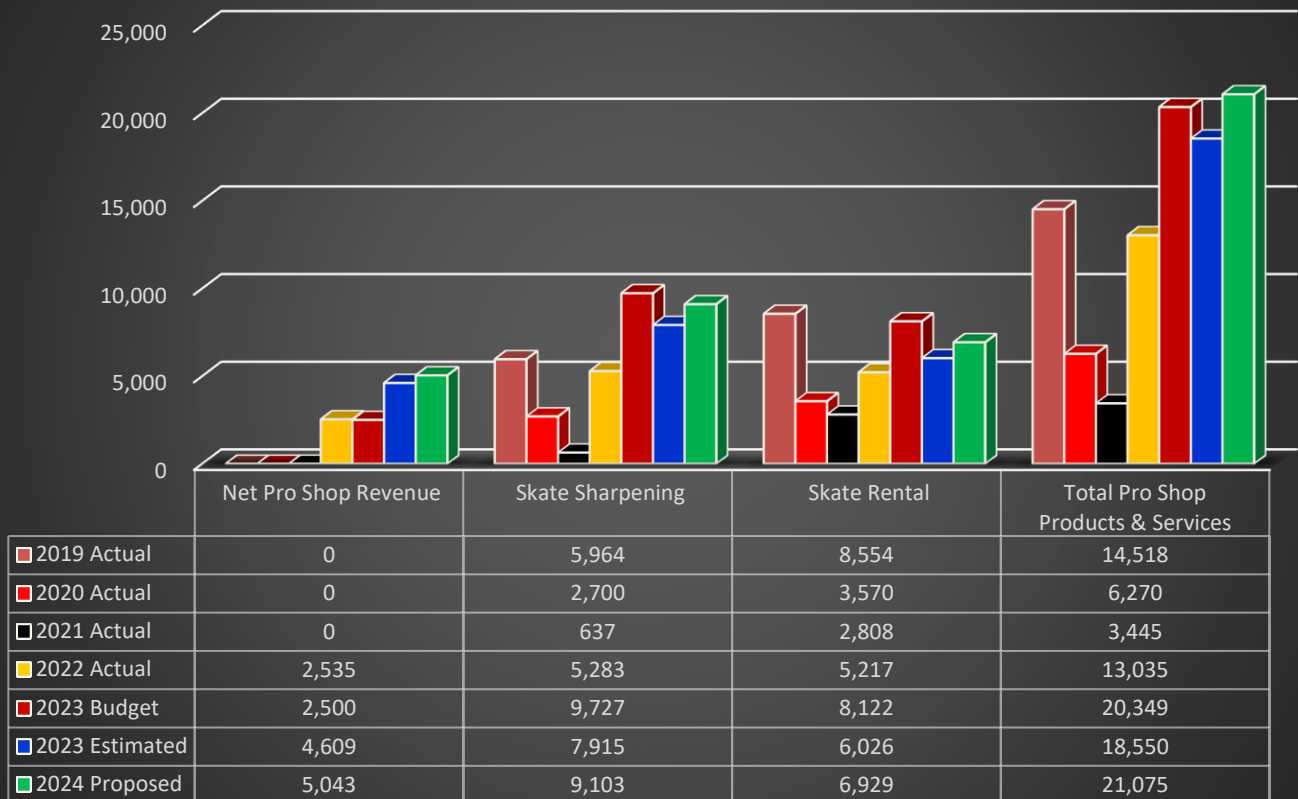
Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	292	11.12	8	\$20,790	\$5,952	\$14,838	56	\$12,880	\$1,958
Spring	232	11.12	8	\$16,518	\$6,235	\$10,283	56	\$9,240	\$1,043
Summer	84	11.12	8	\$5,981	\$4,255	\$1,726	24	\$3,960	(\$2,234)
Fall	213	11.12	8	\$15,166	\$9,210	\$5,956	56	\$13,160	(\$7,204)
Total	821			\$58,455	\$25,652	\$32,803	192	\$39,240	(\$6,436)

CONCESSIONS REVENUE



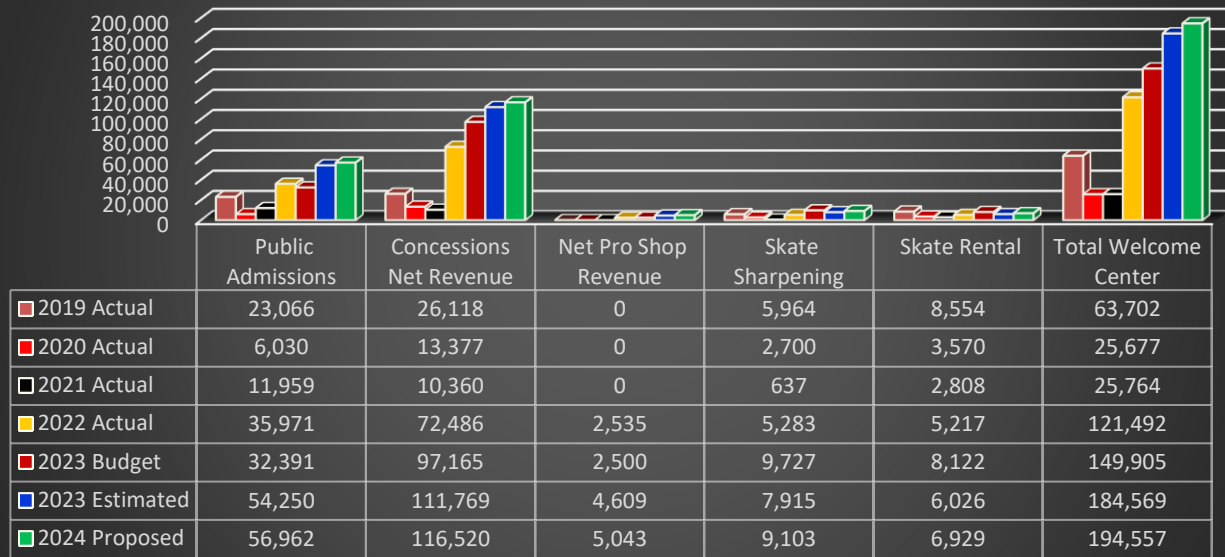
Concessions expansion at Ames & Hasse will continue with renovations and product expansion designed to further increase revenue and profits. 2023 estimated will exceed budget and is based on current actual results and trends. 2024 is budgeted conservatively at a 15% increase in net revenue but should exceed those expectations with the new outdoor rink and expanded indoor season at Hasse Arena. Net revenue = sales less cost of goods, it does not include labor.

PRO SHOP REVENUE



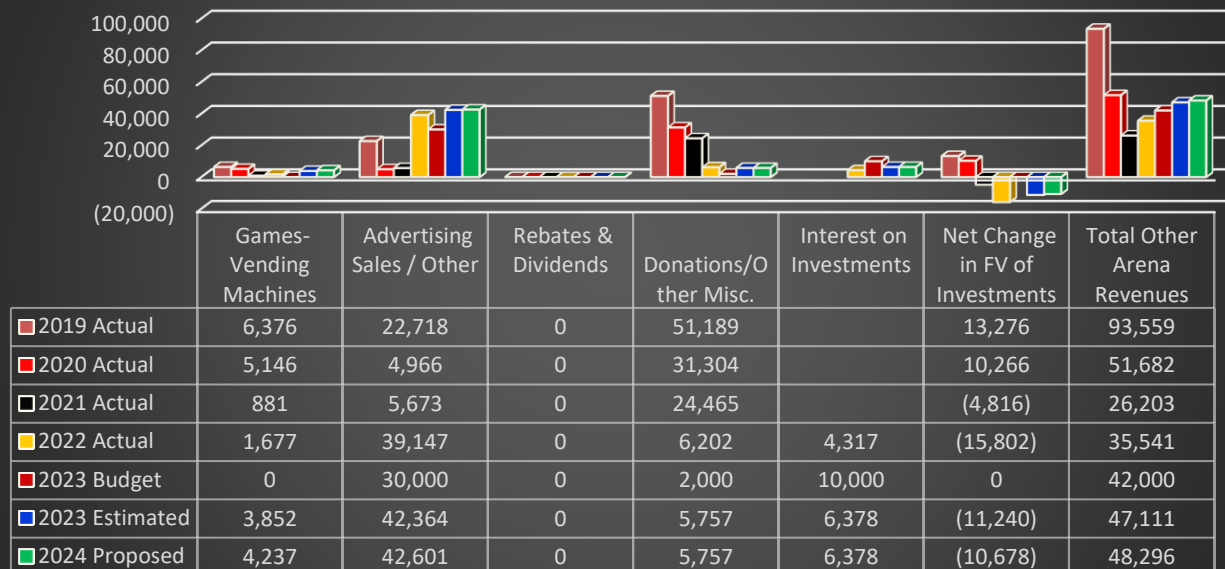
Pro Shop Operations in 2023 were below expectations for various reasons, but ultimately concessions took off much stronger and faster than expected even though there was a lack of time and focus to expand this area of our welcome center operations. Therefore, the estimated revenue is expected to be below budget. 2024 revenue is budgeted with a 15% increase over 2023 estimated revenue.

COMBINED WELCOME CENTER REVENUES



Prior to 2021, the pro-shop and concessions were operated from separate locations at each of the arenas. In 2021 we centralized both operations in one location to reduce the number of part time employees needed to operate and keep those employees busy and productive. In 2022, we started expanding these areas with new hours, equipment, products, and services, and setting new aggressive revenue goals. In 2022, we nearly doubled the revenue from the all-time high of 63k set in 2019. 2023 Estimated revenues are expected to exceed the budget by approximately 35,000 for a high of \$184,000. 2024 is being budgeted conservatively at \$195,000 and will be adjusted in the 2024 estimate when we have a better idea of what the actual increase will be from improvements to these areas and the expanded outdoor rink and seasons at Hasse Arena. The goal of the new welcome center was and is to generate enough revenue and profits to cover the cost of all part-time employees and cleaning services necessary to provide the highest level of customer service, cleanliness, products, amenities, and services for our customers.

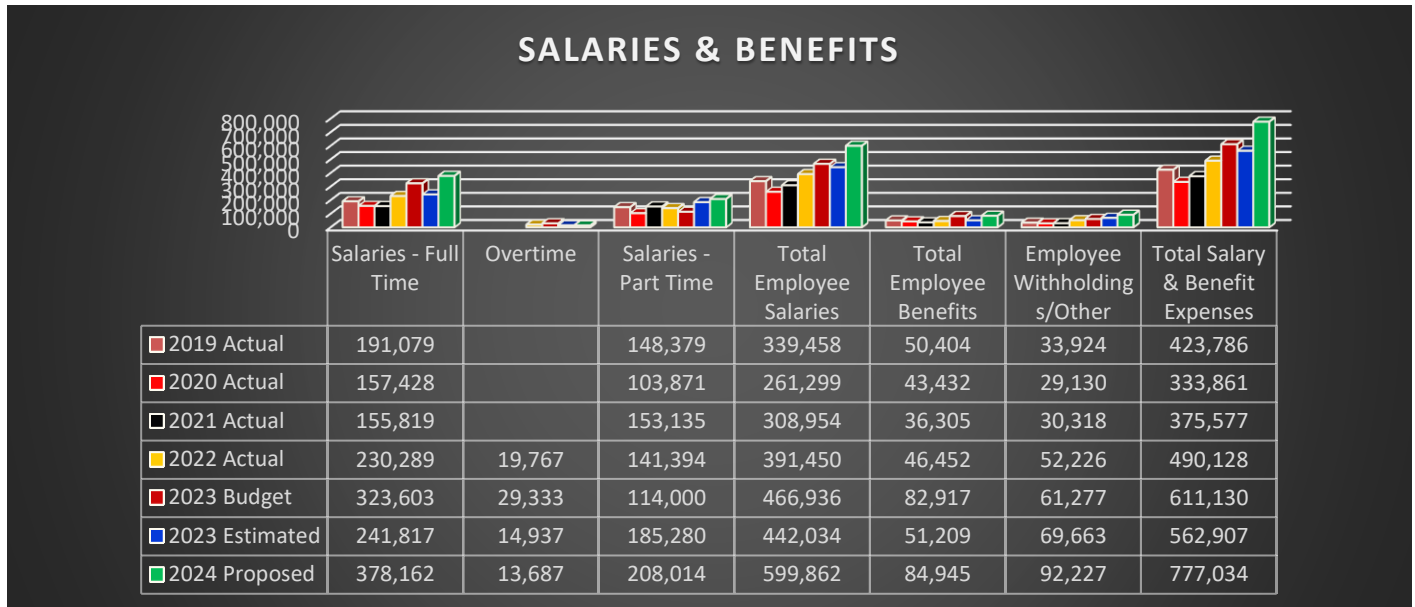
OTHER MISCELLANEOUS REVENUES



Our new advertising program has been very successful and well received by advertisers. We now donate 15% of the revenue in the advertiser's name to our local anchor customers, who include LHA, Heritage Figure Skating, and the booster clubs for both the north and south boys & girls high school hockey teams. We are budgeting conservatively in 2024 as we do expect some turnover to begin as most of the current leases that were sold after covid and will be ending in 2024. Advertising rates will also be increasing.

OPERATING									2023	2023	2024
REVENUE	2017	2018	2019	2020	2021	2022	2022	Budget			
	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Estimated</u>	<u>Proposed</u>
Ice & Facility Rentals											
Ice Rental - LHA	485,325	438,390	429,757	370,475	483,260	493,729	477,840	(15,889)	477,919	511,550	583,853
Ice Rental - ISD 194	206,325	222,432	196,751	197,062	254,064	201,522	210,124	8,602	201,712	209,778	226,919
Ice Rental Other	271,389	253,187	287,498	61,172	228,408	312,359	402,052	89,693	413,082	429,295	563,911
ISD 194 HS Game Gate Share	41,750	52,038	37,339	27,608	14,749	37,241	43,950	6,709	47,148	39,110	39,110
Dry floor Rentals	<u>24,685</u>	<u>28,533</u>	<u>17,553</u>	<u>9,245</u>	<u>5,113</u>	<u>17,870</u>	<u>20,021</u>	<u>2,151</u>	<u>14,100</u>	<u>9,749</u>	<u>9,762</u>
Total Ice & Facility Rentals	<u>1,029,474</u>	<u>994,580</u>	<u>968,898</u>	<u>665,562</u>	<u>985,594</u>	<u>1,062,721</u>	<u>1,153,987</u>	<u>91,266</u>	<u>1,153,961</u>	<u>1,199,482</u>	<u>1,423,555</u>
Increase/decrease		(34,894)	(25,682)	(303,336)	320,032	77,127	168,393		(26)	45,521	224,073
Programing & Events Revenue											
Learn to Skate	53,183	58,260	62,503	33,128	73,061	63,612	85,253	21,641	91,773	86,544	95,708
Public Admissions	12,207	17,835	23,066	6,030	11,959	24,539	35,971	11,432	32,391	54,250	56,962
Internal Programs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>17,996</u>	<u>17,996</u>	<u>109,296</u>	<u>29,641</u>	<u>31,123</u>
Total Programs & Events Revenue	<u>65,390</u>	<u>76,095</u>	<u>85,569</u>	<u>39,158</u>	<u>85,020</u>	<u>88,151</u>	<u>139,220</u>	<u>51,069</u>	<u>233,460</u>	<u>170,434</u>	<u>183,793</u>
Increase/decrease		10,705	9,474	(46,411)	45,862	3,131	54,200		94,240	(63,026)	13,359
Concessions Sales											
Gross Food & Beverage Sales	25,973	25,134	26,118	13,377	10,360	23,618	72,486	48,868	97,165	146,669	194,200
(Cost of Goods Sold)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(34,900)</u>	<u>(77,680)</u>
Concessions Net Revenue	<u>25,973</u>	<u>25,134</u>	<u>26,118</u>	<u>13,377</u>	<u>10,360</u>	<u>23,618</u>	<u>72,486</u>	<u>48,868</u>	<u>97,165</u>	<u>111,769</u>	<u>116,520</u>
Increase/decrease		(839)	984	(12,741)	(3,017)	13,258	62,126		24,679	14,604	4,751
Pro Shop Products & Services											
Gross Pro Shop Product Sales	0	0	0	0	0	2,500	2,535	<u>35</u>	2,500	7,884	8,673
Pro Shop Cost of Goods Sold	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(3,275)</u>	<u>(3,630)</u>
Net Pro Shop Revenue	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,500</u>	<u>2,535</u>	<u>35</u>	<u>2,500</u>	<u>4,609</u>	<u>5,043</u>
Skate Sharpening	6,668	6,223	5,964	2,700	637	5,964	5,283	(681)	9,727	7,915	9,103
Skate Rental	<u>7,422</u>	<u>8,324</u>	<u>8,554</u>	<u>3,570</u>	<u>2,808</u>	<u>9,100</u>	<u>5,217</u>	<u>(3,883)</u>	<u>8,122</u>	<u>6,026</u>	<u>6,929</u>
Total Pro Shop Products & Services	<u>14,090</u>	<u>14,547</u>	<u>14,518</u>	<u>6,270</u>	<u>3,445</u>	<u>17,564</u>	<u>13,035</u>	<u>(4,529)</u>	<u>20,349</u>	<u>18,550</u>	<u>21,075</u>
Increase/decrease		457	(29)	(8,248)	(2,825)	14,119	9,590		7,314	(1,799)	2,525
Total Welcome Center	52,270	57,516	63,702	25,677	25,764	65,721	121,492	55,771	149,905	184,569	194,557
Other Misc. Arena Revenues											
Games-Vending Machines	5,713	6,598	6,376	5,146	881	6,376	1,677	(4,698)	0	3,852	4,237
Advertising Sales / Other	32,094	29,052	22,718	4,966	5,673	20,000	39,147	19,147	30,000	42,364	42,601
Rebates & Dividends	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,000</u>	<u>0</u>	<u>(2,000)</u>	<u>0</u>	<u>0</u>	<u>0</u>
Donations/Other Misc.	4,861	1,502	51,189	31,304	24,465	10,000	6,202	(3,798)	2,000	5,757	5,757
Interest on Investments							4,317	4,317	10,000	6,378	6,378
Net Change in FV of Investments	2,197	5,485	13,276	10,266	(4,816)		(15,802)	(15,802)	0	(11,240)	(10,678)
Cash Over/(Short)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Other Arena Revenues	<u>44,865</u>	<u>42,637</u>	<u>93,559</u>	<u>51,682</u>	<u>26,203</u>	<u>38,376</u>	<u>35,541</u>	<u>(2,835)</u>	<u>42,000</u>	<u>47,111</u>	<u>48,296</u>
Increase/decrease		(2,228)	50,922	(41,877)	(25,479)	12,173	9,338		6,459	5,111	1,184
Total Revenues	<u>1,179,792</u>	<u>1,152,993</u>	<u>1,188,662</u>	<u>776,049</u>	<u>1,110,622</u>	<u>1,230,430</u>	<u>1,414,268</u>	<u>183,839</u>	<u>1,546,935</u>	<u>1,547,347</u>	<u>1,793,238</u>
Increase/decrease		(26,799)	35,669	(412,613)	334,573	119,808	303,646		132,667	412	245,891

2023 ESTIMATED & 2024 BUDGET EXPENDITURES

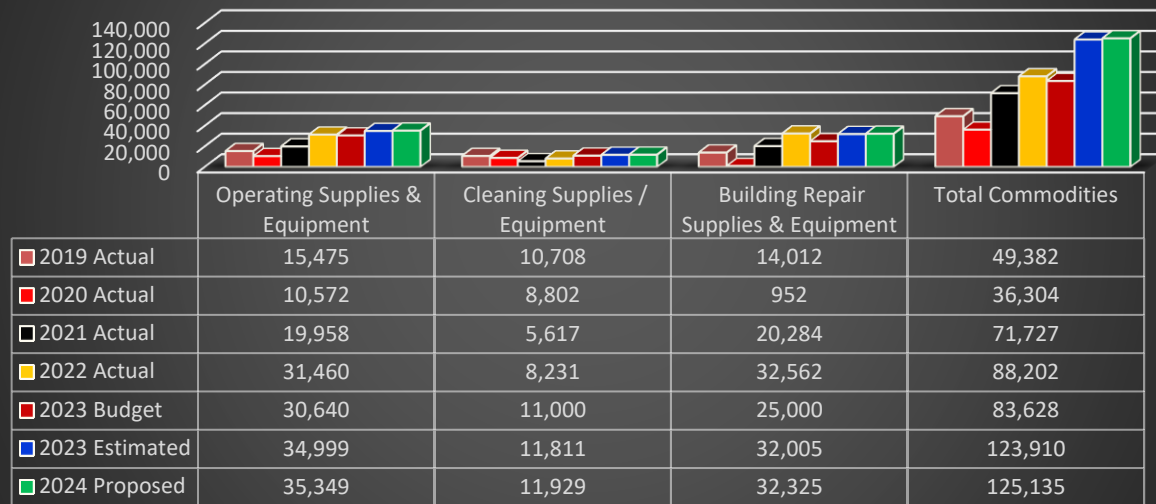


After the pandemic, the labor shortage that occurred and continues today has affected Lakeville Arenas significantly. Hiring for part time driver positions has been especially difficult and continues today, even after the 2021 increases made to the salary plans to be more competitive in the marketplace. One of the reasons for the successful revenue expansion goals started in 2022 and moving forward is to provide year-round workloads so that we can transition from seasonal temporary supervisors and drivers to full-time. This will help us resolve our labor shortage for drivers but more importantly provide a much more consistent, experienced, and knowledgeable workforce that can better maintain our facilities and equipment, as well as meet our customer's needs.

In 2022, we transitioned to full-time driver supervisors but held off on the driver-lead worker positions because of the upcoming construction. Those positions will now be added at the end of 2023, which will result in the 2023 estimated labor being approximately \$50,000 below the 2023 budget. The 2024 budget has 6 FTEs, which will begin to operate both Ames and Hasse year-round in 2024. The 6 positions will include a General Manager, 1 Operations Manager, 2 Supervisor-Drivers, and 2 Driver-Lead Operations workers.

SALARIES AND BENEFIT DETAIL	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Employee Salary Expenses							
Salaries - Full Time	191,079	157,428	155,819	230,289	323,603	241,817	378,162
Overtime	-	-	-	19,767	29,333	14,937	13,687
Salaries - Part Time	148,379	103,871	153,135	141,394	114,000	185,280	208,014
Total Employee Salaries	339,458	261,299	308,954	391,450	466,936	442,034	599,862
Employee Benefit Expenses							
PERA	14,348	18,205	17,635	23,986	24,263	20,756	29,757
Hospitalization	33,718	23,368	16,874	20,484	53,790	26,531	47,220
Life and Disability	99	96	151	138	896	267	528
Long Term Disability	383	324	300	457	788	912	1,824
Dental Insurance	1,856	1,439	1,345	1,294	3,180	2,515	5,136
FSA	-	-	-	93	-	228	480
Total Employee Benefits	50,404	43,432	36,305	46,452	82,917	51,209	84,945
Employee Withholdings-Other Expenses							
FICA	25,162	19,509	23,625	29,912	33,469	34,708	46,198
Workers Compensation	8,762	9,380	6,693	11,846	-	10,468	10,468
Unemployment Compensation	-	241	-	10,468	13,944	13,905	17,444
Payroll Contingency	-	-	-	-	13,864	10,582	18,117
Employee Withholdings/Other	33,924	29,130	30,318	52,226	61,277	69,663	92,227
Total Salary & Benefit Expenses	423,786	333,861	375,577	490,128	611,130	562,907	777,034
Increase/decrease	7,453	(89,925)	41,716	114,551	121,002	(48,223)	214,127

COMMODITIES



Commodities represent supplies and equipment that are necessary to operate as well as supplies for repair and maintenance that is performed by Arenas Staff. There are 3 major categories, the first is operating supplies & equipment, which include rink supplies such as ice paint and nets, learn to skate supplies for classes and instructors, concessions and pro shop equipment and repair supplies, and general supplies for programming and events. Cleaning supplies is the second major category, and third is building repair supplies & equipment.

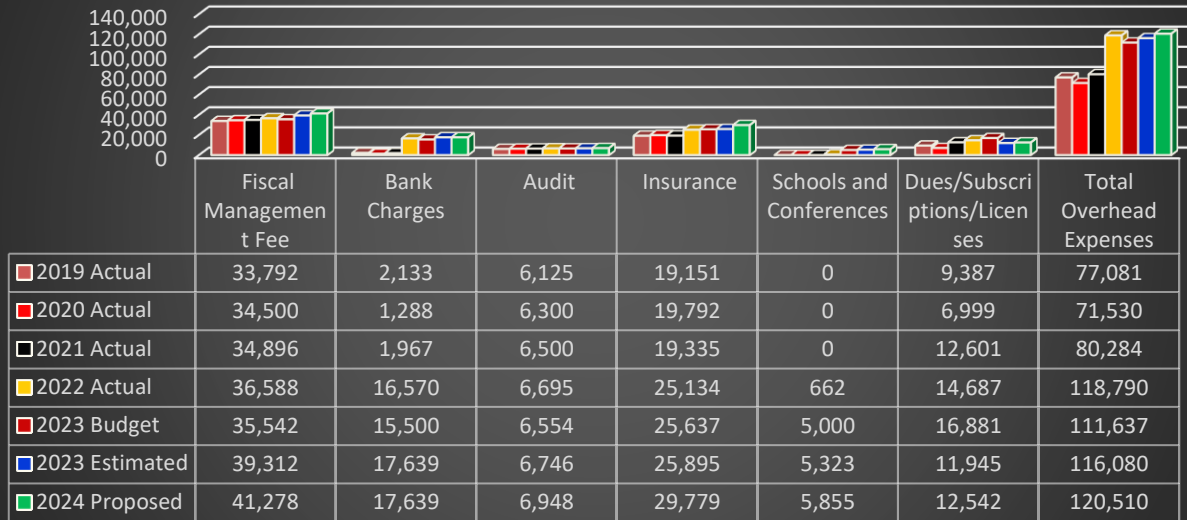
Another benefit to our expanded revenue goals and successful growth has been the ability to repair, update, and replace aging equipment and building components without the need for additional capital or paying higher contractor prices. Starting in 2021 when the increased revenues began, we have been able to make many improvements throughout the facilities ourselves that have benefited our customers as well as helped us increase our revenues even further.

In 2023, we will be making renovations and adding equipment to both the Ames and Hasse concessions, which will help increase revenue even further. We are installing new Waterhog carpeting in the entrances at both Ames and Hasse which will eliminate the old unsanitary slotted floors and will better prevent corrosive salt from getting into the buildings and on our rubber floors. We have paint and building supplies included to rebrand Hasse in south colors like we did Ames in north colors during the 2021 renovations. In 2024 we have budgeted for similar projects.

COMMODITIES DETAIL

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
COMMODITIES							
Office Supplies / Equipment	3,005	3,419	3,716	3,731	1,000	3,839	3,877
Operating Supplies & Equipment	15,475	10,572	19,958	31,460	30,640	34,999	35,349
Motor Fuels	565	223	463	872	1,500	1,291	1,304
Cleaning Supplies / Equipment	10,708	8,802	5,617	8,231	11,000	11,811	11,929
Clothing	2,473	-	4,851	36	2,500	2,500	2,525
Chemicals (Condensing Towers)	-	-	-	-	-	6,000	6,060
Safety Supplies & Equipment	-	11,495	1,973	1,356	788	1,379	1,379
Equipment Parts & Supplies	2,688	541	2,549	758	3,700	1,200	1,212
Tires	-	-	-	-	-	-	-
Building Repair Supplies & Equipment	14,012	952	20,284	32,562	25,000	32,005	32,325
Parking Lot Maintenance Supplies	-	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	-	-	-	7,000	7,070
Signs (Advertising Sales Sign Expenses)	-	-	-	-	-	6,000	6,060
Small Tools/Equipment	305	260	5,432	4,957	2,500	11,500	11,615
Computer Supplies	151	40	6,884	4,239	5,000	4,386	4,430
Total Commodities	49,382	36,304	71,727	88,202	83,628	123,910	125,135
Increase/decrease	(1,186)	(13,078)	35,422	16,475	(4,574)	40,282	1,225

ADMINISTRATION & OVERHEAD EXPENSES



The primary administration and overhead expenses for Lakeville Arenas consist of a fiscal management fee that Lakeville Arenas pays to the City of Lakeville to provide accounting & HR management oversight, auditing, and reporting, bank charges from credit card processing fees, annual audit expenses, insurance, and dues and subscriptions, which consist of items such as our ice scheduling platform, point of sale system, and other subscription-based services. Other areas include schools and training expenses, conferences, and licenses.

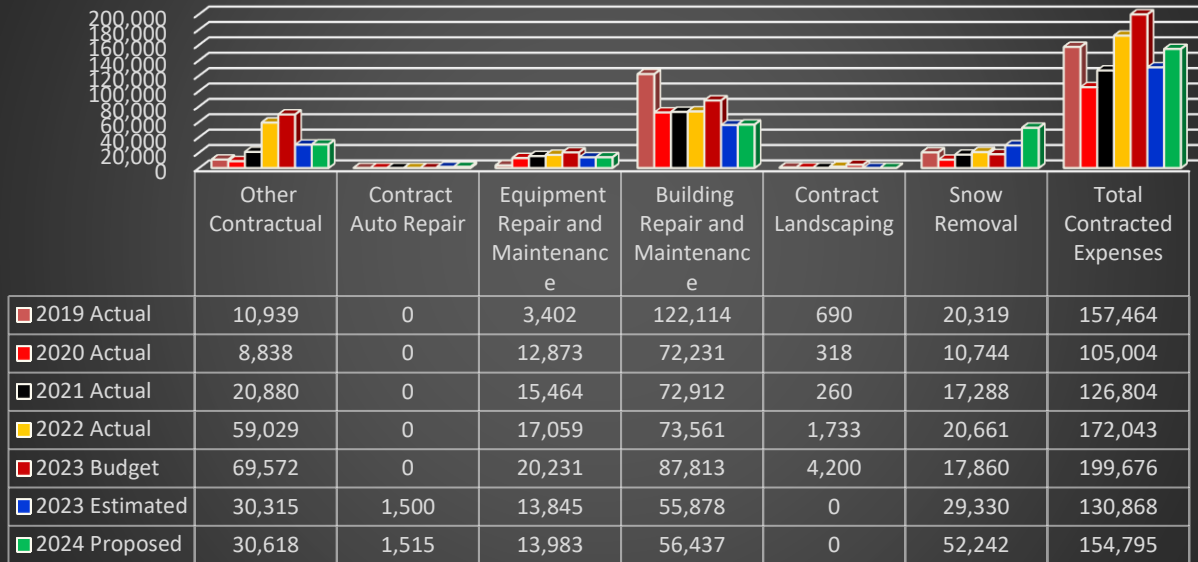
Bank charges became a significant expense in 2022 due to credit card processing fees associated with online learn to skate registrations, increased concessions sales, and pro-shop sales. We are changing to a new cheaper point of sale platform in 2023 to help reduce some of these fees and our Learn to Skate participants will now pay for their credit card processing fees when they register online. Because of the expected and continued revenue growth offsetting the savings we are expecting from these changes we are not estimating or budgeting a reduction but rather planning for the expense to hold steady in 2024.

Our insurance premiums saw a significant increase in 2022 after the renovations and upgrades that were done during the 2021 Apex Energy Improvement Renovations. We are budgeting a similar increase in 2024 due to the Hasse rink addition and ice plant upgrade taking place this year.

ADMINISTRATION AND OVERHEAD DETAIL

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Professional Services Expenses							
Professional Fees	-	-	-	-	-	-	-
Attorney Fees	-	1,470	-	-	-	-	-
Fiscal Management Fee	33,792	34,500	34,896	36,588	35,542	39,312	41,278
Bank Charges	2,133	1,288	1,967	16,570	15,500	17,639	17,639
Audit	6,125	6,300	6,500	6,695	6,554	6,746	6,948
Advertising (Old Dashers/New Media Expense)	6,247	1,169	4,985	6,407	6,220	-	-
Insurance	19,151	19,792	19,335	25,134	25,637	25,895	29,779
Postage & Shipping	16	-	-	-	-	-	-
Total Professional Expenses	67,464	64,519	67,683	91,394	89,453	89,592	95,644
Training & Education Expenses							
Tuition Reimbursement	-	-	-	-	-	-	-
Schools and Conferences	-	-	-	662	5,000	5,323	5,855
Total Education Expenses	-	-	-	662	5,000	5,323	5,855
Other Admin & Overhead Expenses							
Use of Personal Auto	230	12	-	122	303	712	712
Misc. Expenses (Commissions-Donations)	-	-	-	11,925	-	4,236	4,279
Dues/Subscriptions/Licenses	9,387	6,999	12,601	14,687	16,881	11,945	12,542
Licenses & Taxes	-	-	-	-	-	2,823	-
Total Other Overhead Expenses	9,617	7,011	12,601	26,734	17,184	21,166	19,011
Total Overhead Expenses	77,081	71,530	80,284	118,790	111,637	116,080	120,510
Increase/decrease	2,912	(5,551)	8,754	38,506	(7,153)	4,443	4,430

CONTRACTED EXPENSES



Contracted expenses include repairs, maintenance, and other services that are performed by outside contractors.

Other contractual includes expenses such as inspections for fire alarm and sprinkler systems, salt service for our water softeners, cleaning services, and other miscellaneous agreements such as our fundraising agreement with Heritage Figure Skating Club to provide workers for our concessions stands during high school games and tournaments. In 2023 and 2024 we are cutting our outside restroom and bleacher cleaning services and will have our staff taking over these responsibilities. That expense in 2022 was approximately \$30,000.

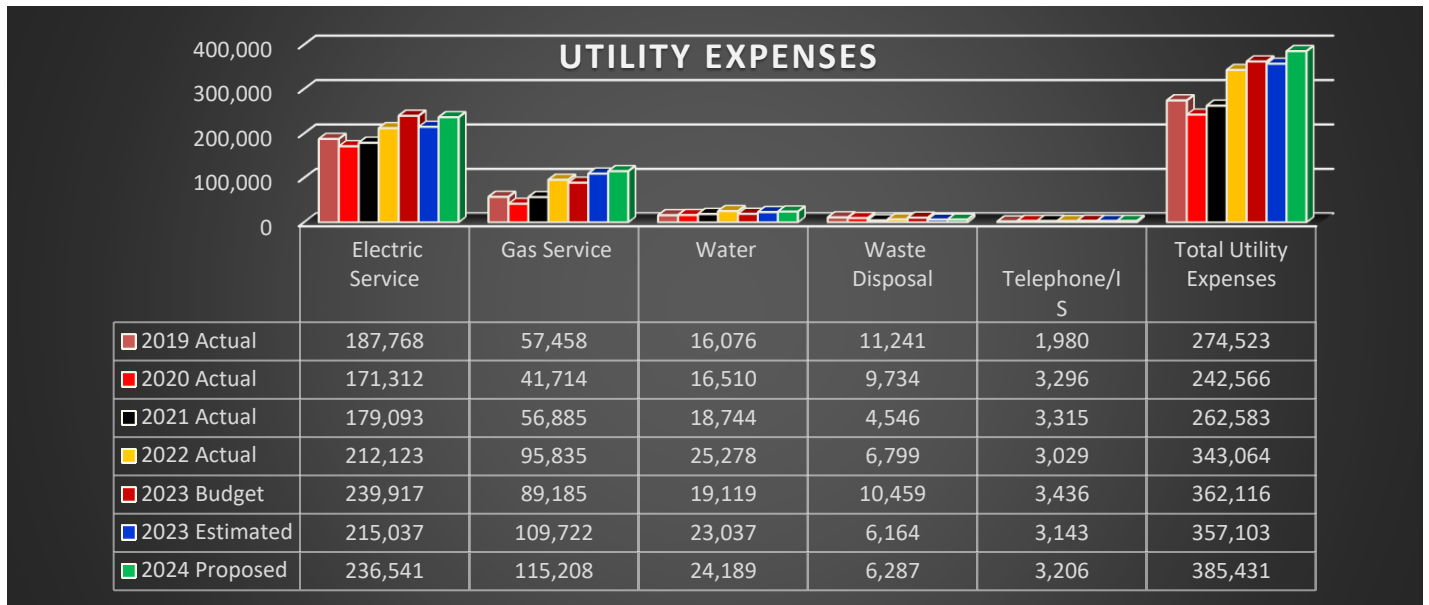
Equipment repairs are estimated and budgeted lower because we are replacing the battery packs in one of our Zambonis, which resulted in multiple emergency service calls this past winter and a spike in equipment expenses in 2022. The new battery packs are also over \$5,000 and will be accounted for under other capital equipment as recommended by our auditors.

Building repair and maintenance is also expected to be down like equipment repairs due to increased emergency repairs to the Hasse ice plant the past couple years and the replacement of one of our Zamboni garage doors that has failed, which will also be accounted for under other building capital improvements.

Snow removal is estimated using last season's actuals with higher-than-normal snowfalls and has impacted 2023 significantly this year. 2024 has additional expense budgeted for the snow removal for the outdoor rink and moving the snow being dumped outside by the Zamboni.

CONTRACTED DETAIL

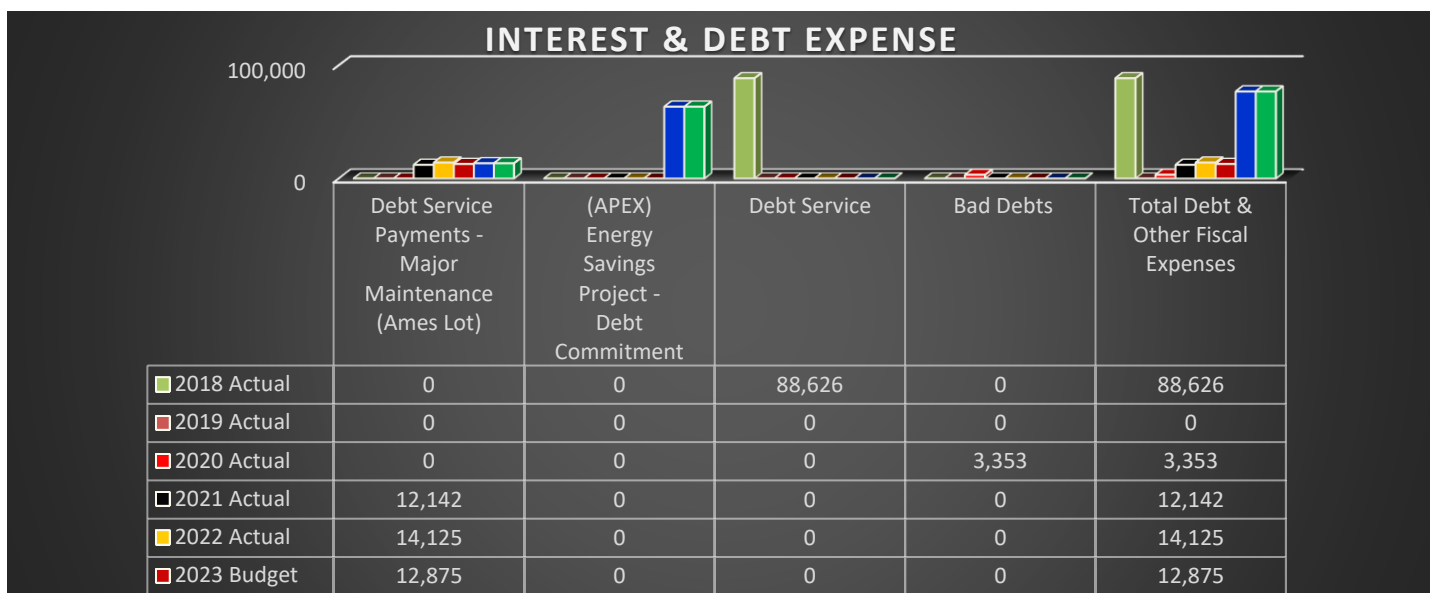
	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Contracted Expenses							
Other Contractual	10,939	8,838	20,880	59,029	69,572	30,315	30,618
Equipment Repair and Maintenance	3,402	12,873	15,464	17,059	20,231	13,845	13,983
Building Repair and Maintenance	122,114	72,231	72,912	73,561	87,813	55,878	56,437
Contract Landscaping	690	318	260	1,733	4,200	-	-
Snow Removal	20,319	10,744	17,288	20,661	17,860	29,330	52,242
Total Contracted Expenses	157,464	105,004	126,804	172,043	199,676	130,868	154,795
Increase/decrease	61,635	(52,460)	21,800	45,239	27,633	(68,808)	23,927



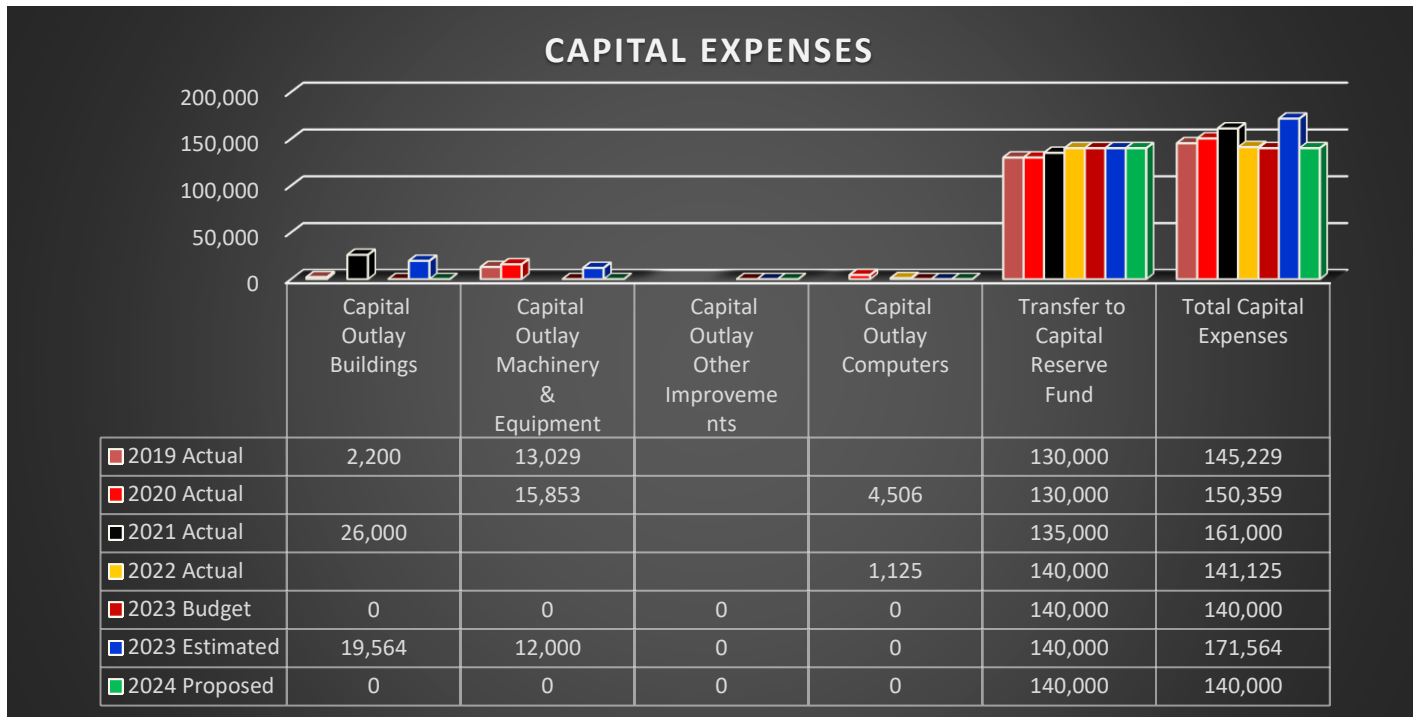
Electric, gas, and water expenses all saw significant increases in 2022. We are estimating a 5% increase in 2023. In 2024, we are budgeting a 10% increase in electricity to account for the added expense of the new outdoor rink. The new ammonia ice plant will also create some savings so with that we believe the 10% increase should be sufficient to cover extra refrigeration expenses that we will incur at Hasse in 2024.

Utility Service Expenses

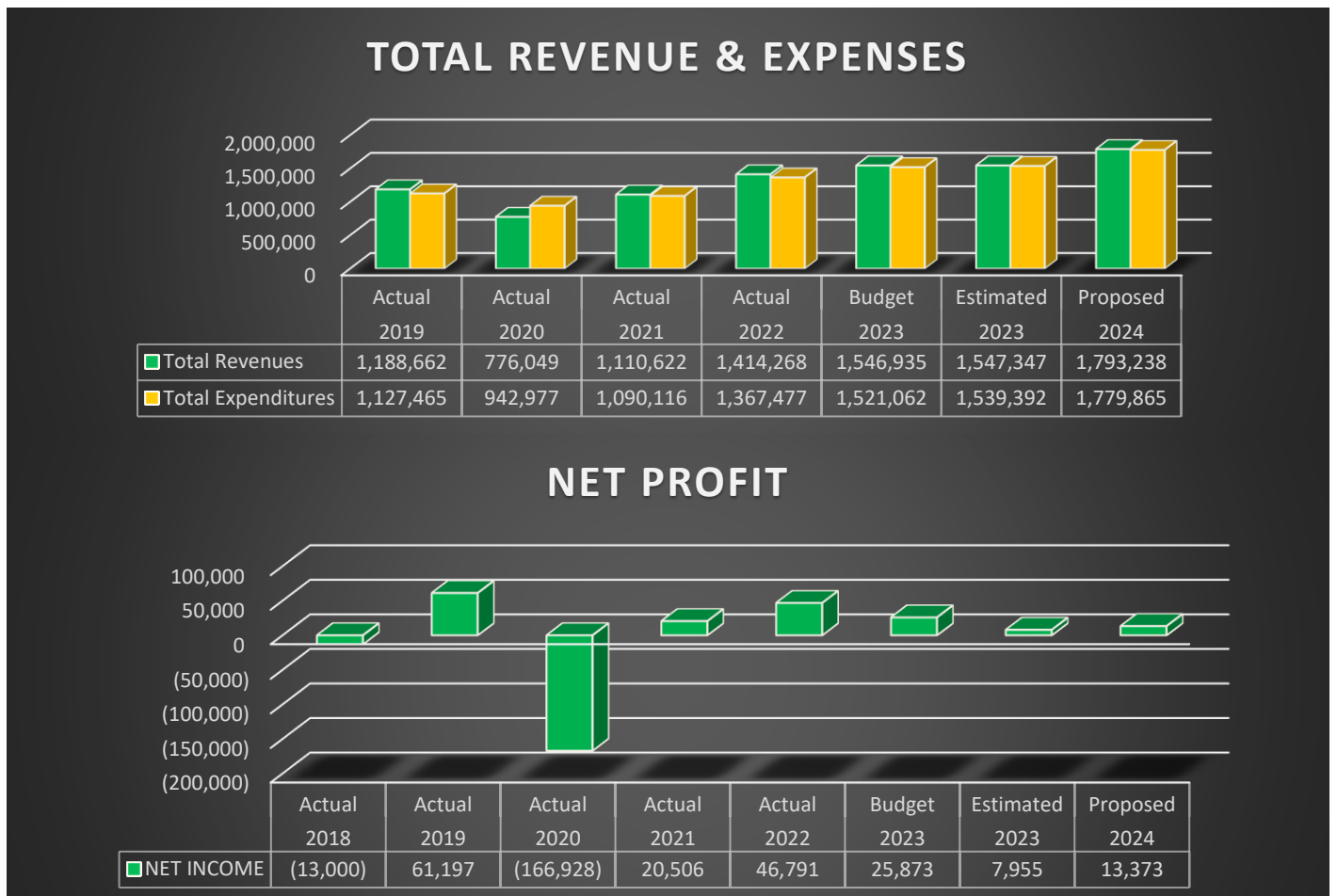
Electric Service	187,768	171,312	179,093	212,123	239,917	215,037	236,541
Gas Service	57,458	41,714	56,885	95,835	89,185	109,722	115,208
Utility Energy Savings (APEX)	-	-	-	-	-	(63,460)	-
Water	16,076	16,510	18,744	25,278	19,119	23,037	24,189
Waste Disposal	11,241	9,734	4,546	6,799	10,459	6,164	6,287
Telephone/IS	1,980	3,296	3,315	3,029	3,436	3,143	3,206
Total Utility Expenses	274,523	242,566	262,583	343,064	362,116	293,643	385,431
Increase/decrease	(13,940)	(31,957)	20,017	80,481	19,052	(68,473)	91,788



In 2023, we are adding a debt service commitment payment in the amount of 63,400 which was the guaranteed savings amount of the Apex energy Improvement Project completed in 2021. This payment was agreed to by the board when the project was approved and will help the city and school district make the bond payments for the project.



The 2023 expense estimated for the Zamboni door at Ames being replaced is added to capital outlay buildings and the batteries being replaced in the Hasse Zamboni added to capital outlay equipment. The estimated and budgeted capital transfer to the reserve fund will remain at 140k for each year.



Operating Fund Balance

Arena revenues are highly cyclical with revenues exceeding expenditures in the months of November through April. However, in the months of May through October, expenditures tend to exceed revenues. Cash balances are at their lowest in October and early November. As such, it is important that the fund balances at the beginning of the year are adequate to provide sufficient working capital to sustain operations through the first 10 months of the year.

The proposed budget results in an estimated ending balance of \$470,834 for 2023 and \$484,207 in 2024.

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Fund Balance Beginning of Year	501,313	562,510	395,582	416,088	462,879	462,879	534,294
Fund Balance End of Year	562,510	395,582	416,088	462,879	488,752	534,294	547,667

Capital Reserve Fund

The purpose of the Capital Reserve Fund is to provide a financial framework for replacement of the arena infrastructure as it ages including, but not limited to, ice resurfacers, HVAC equipment, dehumidification, refrigeration systems, and other major expenses not afforded in the annual operating budget.

LAKEVILLE ARENA RESERVE FUND	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Adopted	2023 Amended	2024 Proposed	2025 Projected	2026 Projected	2027 Projected	2028 Projected
Revenues											
Transfers from Operating Fund	130,000	130,000	135,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000
Other/Grants	17,641	0	0	0	0	0	0	0	0	0	0
Interest on investments	7,225	3,622	2,145	3,464	331	3,464	3,464	3,464	3,464	3,464	3,464
Total revenues	154,866	133,622	137,145	143,464	140,331	143,464	143,464	143,464	143,464	143,464	143,464
Expenditures											
2019 Total Expenditures	270,409										
2020 Total Expenditures		49,662									
2021 Total Expenditures			177,699								
2022 Total Expenditures				58,321							
Dasher Boards - Hasse (2023)						320,000					
Zamboni - Ames (Jan 2025)								210,000			
Total Capital Projects	270,409	49,662	177,699	58,321	0	320,000	0	210,000	0	0	0
Net increase/(decrease)	(115,543)	83,960	(40,554)	85,142	140,331	(176,536)	143,464	(66,536)	143,464	143,464	143,464
Balance January 1	332,503	216,960	300,920	260,366	345,508	345,508	168,972	312,436	245,899	389,363	532,826
Balance December 31	216,960	300,920	260,366	345,508	485,839	168,972	312,436	245,899	389,363	532,826	676,290

Transfer to Capital Reserve Fund. The transfer of \$140,000 to the capital reserve fund will be continued in 2024.

We were originally planning to purchase a new set of dasher boards for Hasse in 2023. However, when the outdoor rink construction was approved it produced a need for second Zamboni, which has been ordered in place of purchasing the new boards for Hasse. When the order was recently placed, we were informed that the lead time and delivery for it was over a year and a half or more, so we do not expect delivery until late 2024 or Jan 2025. As we were working on the 2023 estimate and 2024 budget we reached out for an inspection and quote to repair the boards to get us through another 1-2 years. The inspection discovered far more defects than expected and the cost to repair them is approximately \$58,000, which we do not have room for in the operating budget. We are proposing that due to the late arrival of the Zamboni that we amend the 2023 budget to install a new set of dasher boards at Hasse while the ice is still out this summer for construction since the Zamboni capital will not be needed until late 2024 or early 2025.

Arena Debt

The Hasse Arena construction was originally financed with a Lease Revenue Bond issued by the Lakeville Housing and Redevelopment Authority in 2006. The debt is being repaid with property taxes levied by the City of Lakeville and Independent School District 194. The 2006 bonds were advance refunded by HRA Lease Revenue Refunding Bonds, Series 2016A. The HRA2016A debt was refunded in April 2022. See details below.

In June 2020, the Lakeville City Council authorized the issuance of debt (approximately \$770,000) for the Ames Arena parking lot improvements. The competitive sale took place on July 20 and closed on August 13. The bonds were issued with a premium of \$145,777 which were used to reduce the amount of debt issued to \$620,000. True interest cost was 0.83%. The debt principal will be paid by contributions from the Lakeville Hockey Association (LHA) and the Heritage Figure Skating Club (HFSC). The interest will be paid by Lakeville Arenas. Staff will be calculating an allocation of the premium so LHA and HFSC will be paying the par plus premium.

On November 16, 2020, the Lakeville City Council authorized the issuance of debt (approximately \$8 million) to fund the APEX energy savings improvement projects at both the Hasse and Ames Arenas. The competitive sale took place on January 19, 2021 and closed on February 16, 2021. The bonds were issued with a premium of \$313,284 which was used to reduce the amount of debt issued to \$7,770,000. True interest cost was 1.48%. The debt will be repaid using property taxes and revenues received from Independent School District #194 per a Joint Powers Agreement approved in August 2020. Per the JPA the debt and debt-related costs are paid 50/50 by the City and ISD#194.

On February 7, 2022, the City Council authorized the issuance of Taxable General Obligation Bonds, Series 2022B, to refund the HRA Lease Revenue Refunding Bonds, Series 2016A (noted above) and provide funding for constructing a new outdoor rink at the Hasse Arena. The sale of the bonds was held on March 7, 2022, and closed on April 5, 2022. True interest cost was 2.69%. The refunding resulted in savings of approximately \$130,000 over the term of the bonds. An amended and restated joint powers agreement to address the payment of the refunding portion of the 2022B bonds was approved by ISD#194 and the City of Lakeville in February 2022. Agreements are finalized with Lakeville Hockey Association (LHA) and Heritage Figure Skating Club (HFSC) for additional contributions to be used for debt repayment of the bonds issued for the new outdoor rink.

Conclusion

We are confident that we are well positioned to implement the 2024 budget as proposed and have alternate plans in place for any unforeseen circumstances that could arise and affect the outcome of the budget in a negative manner. We have expected increases to revenues from the addition of tournaments and dry-floor activities and events on the outdoor rink that have not been included in the 2024 proposed budget at this time due to the difficulty in forecasting them without historical experience or data. In addition, the new ice rental revenues expected from having Hasse open year-round were budgeted conservatively at 50% of typical use for the same reasons. Therefore, we do expect the net revenue to be higher than currently proposed and will update it next spring in the 2024 estimate.

The proposed operating budget is consistent with the purpose of the Joint Powers Agreement to "...operate and manage the Arena Complex in the best interests of the community." The organization will continue its efforts to undertake entrepreneurial endeavors to maximize the return on public investment.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Joe Bergquist', with a stylized flourish extending to the right.

Joe Bergquist
Arenas General Manager

**LAKEVILLE ARENAS
STATEMENT OF REVENUE AND EXPENSE**

	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed	2025 Projected	2026 Projected	2027 Projected	2028 Projected
OPERATING REVENUE								
Ice Rental - LHA	477,840	477,919	511,550	583,853	601,368	619,409	637,991	657,131
Ice Rental - ISD 194	210,124	201,712	209,778	226,919	233,726	240,738	247,960	255,399
Ice Rental Other	402,052	413,082	429,295	563,911	580,829	598,254	616,201	634,687
ISD 194 HS Game Gate Share	43,950	47,148	39,110	39,110	39,501	39,896	40,295	40,698
Dry floor Rentals	20,021	14,100	9,749	9,762	9,957	10,156	10,360	10,567
Learn to Skate	85,253	91,773	86,544	95,708	97,622	99,575	101,566	103,597
Public Admissions	35,971	32,391	54,250	56,962	58,102	59,264	60,449	61,658
Internal Programs	17,996	109,296	29,641	31,123	31,745	32,380	33,028	33,688
Concessions Net Revenue	72,486	97,165	111,769	116,520	118,850	121,227	123,652	126,125
Net Pro Shop Revenue	2,535	2,500	4,609	5,043	5,144	5,246	5,351	5,458
Skate Sharpening	5,283	9,727	7,915	9,103	9,285	9,470	9,660	9,853
Skate Rental	5,217	8,122	6,026	6,929	7,068	7,209	7,354	7,501
Games-Vending Machines	1,677	-	3,852	4,237	4,279	4,322	4,365	4,409
Advertising Sales / Other	39,147	30,000	42,364	42,601	43,027	43,457	43,892	44,331
Rebates & Dividends	-	-	-	-	-	-	-	-
Donations/Other Misc.	6,202	2,000	5,757	5,757	5,815	5,873	5,932	5,991
Interest on Investments	4,317	10,000	6,378	6,378	6,442	6,506	6,571	6,637
Net Change in FV of Investments	(15,802)	-	(11,240)	(10,678)	(10,784)	(10,892)	(11,001)	(11,111)
Cash Over/(Short)	-	-	-	-	-	-	-	-
Total Revenues	1,414,268	1,546,935	1,547,347	1,793,238	1,841,975	1,892,091	1,943,626	1,996,619

OPERATING EXPENSES

Employee Salary Expenses

Salaries - Full Time	230,289	323,603	241,817	378,162	389,507	401,192	413,228	425,625
Overtime	19,767	29,333	14,937	13,687	14,097	14,520	14,956	15,404
Salaries - Part Time	141,394	114,000	185,280	208,014	214,254	220,682	227,302	234,121
PERA	23,986	24,263	20,756	29,757	30,650	31,569	32,516	33,492
Hospitalization	20,484	53,790	26,531	47,220	49,581	52,060	54,663	57,396
Life and Disability	138	896	267	528	544	560	577	594
Long Term Disability	457	788	912	1,824	1,879	1,935	1,993	2,053
Dental Insurance	1,294	3,180	2,515	5,136	5,393	5,662	5,946	6,243
FSA	93	-	228	480	480	480	480	480
FICA	29,912	33,469	34,708	46,198	47,584	49,012	50,482	51,997
Workers Compensation	11,846	-	10,468	10,468	10,782	11,106	11,439	11,782
Unemployment Compensation	10,468	13,944	13,905	17,444	17,967	18,506	19,061	19,633
Payroll Contingency	-	13,864	10,582	18,117	18,660	19,220	19,797	20,391
Total Salary & Benefit Expenses	490,128	611,130	562,907	777,034	801,378	826,504	852,439	879,210

COMMODITIES

Office Supplies / Equipment	3,731	1,000	3,839	3,877	3,955	4,034	4,114	4,197
Operating Supplies & Equipment	31,460	30,640	34,999	35,349	36,056	36,777	37,513	38,263
Motor Fuels	872	1,500	1,291	1,304	1,330	1,357	1,384	1,411
Cleaning Supplies / Equipment	8,231	11,000	11,811	11,929	12,168	12,411	12,659	12,912
Clothing	36	2,500	2,500	2,525	2,576	2,627	2,680	2,733
Chemicals (Condensing Towers)	-	-	6,000	6,060	6,181	6,305	6,431	6,560
Safety Supplies & Equipment	1,356	788	1,379	1,379	1,407	1,435	1,463	1,493
Equipment Parts & Supplies	758	3,700	1,200	1,212	1,236	1,261	1,286	1,312
Tires	-	-	-	-	-	-	-	-
Building Repair Supplies & Equipment	32,562	25,000	32,005	32,325	32,972	33,631	34,304	34,990
Parking Lot Maintenance Supplies	-	-	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	7,000	7,070	7,211	7,356	7,503	7,653
Signs (Advertising Sales Sign Expenses)	-	-	6,000	6,060	6,181	6,305	6,431	6,560
Small Tools/Equipment	4,957	2,500	11,500	11,615	11,847	12,084	12,326	12,572
Computer Supplies	4,239	5,000	4,386	4,430	4,518	4,609	4,701	4,795
Total Commodities	88,202	83,628	123,910	125,135	127,638	130,190	132,794	135,450

	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed	2025 Projected	2026 Projected	2027 Projected	2028 Projected
OTHER CHARGES & SERVICES								
Admin & Overhead Expenses								
Professional Services Expenses								
Fiscal Management Fee	36,588	35,542	39,312	41,278	42,103	42,945	43,804	44,680
Bank Charges	16,570	15,500	17,639	17,639	17,992	18,352	18,719	19,093
Audit	6,695	6,554	6,746	6,948	7,087	7,229	7,374	7,521
Insurance	25,134	25,637	25,895	29,779	30,375	30,982	31,602	32,234
Schools and Conferences	662	5,000	5,323	5,855	5,972	6,092	6,213	6,338
Travel Expenses	-	-	1,450	1,479	1,509	1,539	1,570	1,601
Use of Personal Auto	122	303	712	712	726	740	755	770
Misc. Expenses (Commissions-Donations)	11,925	-	4,236	4,279	4,364	4,452	4,541	4,631
Dues/Subscriptions/Licenses	14,687	16,881	11,945	12,542	12,793	13,049	13,310	13,576
Licenses & Taxes	-	-	2,823	-	-	-	-	-
Total Overhead Expenses	118,790	111,637	116,080	120,510	122,921	125,379	127,886	130,444
Contracted Expenses								
Other Contractual	59,029	69,572	30,315	30,618	31,230	31,855	32,492	33,142
Contract Auto Repair	-	-	1,500	1,515	1,545	1,576	1,608	1,640
Equipment Repair and Maintenance	17,059	20,231	13,845	13,983	14,263	14,548	14,839	15,136
Building Repair and Maintenance	73,561	87,813	55,878	56,437	57,566	58,717	59,892	61,089
Contract Landscaping	1,733	4,200	-	-	-	-	-	-
Snow Removal	20,661	17,860	29,330	52,242	53,287	54,353	55,440	56,548
Total Contracted Expenses	172,043	199,676	130,868	154,795	157,891	161,049	164,270	167,556
Utility Service Expenses								
Electric Service	212,123	239,917	215,037	236,541	241,272	246,097	251,019	256,040
Gas Service	95,835	89,185	109,722	115,208	117,512	119,862	122,259	124,704
Utility Energy Savings (APEX)	-	-	(63,460)	-	-	-	-	-
Water	25,278	19,119	23,037	24,189	24,673	25,166	25,669	26,183
Waste Disposal	6,799	10,459	6,164	6,287	6,413	6,541	6,672	6,806
Telephone/IS	3,029	3,436	3,143	3,206	3,270	3,335	3,402	3,470
Total Utility Expenses	343,064	362,116	293,643	385,431	393,139	401,002	409,022	417,203
Interest and Debt Expenses								
Debt Service Payments - Major Maintenance	14,125	12,875	13,500	13,500	13,500	13,500	13,500	13,500
(APEX) Energy Savings Project - Debt Commitment	-	-	63,460	63,460	63,460	63,460	63,460	63,460
Debt Service	-	-	-	-	-	-	-	-
Bad Debts	-	-	-	-	-	-	-	-
Total Debt & Other Fiscal Expenses	14,125	12,875	76,960	76,960	76,960	76,960	76,960	76,960
Capital Expenses								
Capital Outlay Buildings	-	-	19,564	-	-	-	-	-
Capital Outlay Machinery & Equipment	-	-	12,000	-	-	-	-	-
Capital Outlay Other Improvements	-	-	-	-	-	-	-	-
Capital Outlay Computers	1,125	-	-	-	-	-	-	-
Transfer to Capital Reserve Fund	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000
Total Capital Expenses	141,125	140,000	171,564	140,000	140,000	140,000	140,000	140,000
Total Expenditures	1,367,477	1,521,062	1,475,932	1,779,865	1,819,926	1,861,085	1,903,372	1,946,823
Net Income	46,791	25,873	71,415	13,373	22,049	31,007	40,253	49,796
Fund Balance Beginning of Year	416,088		462,879	534,294	547,667	569,716	600,722	640,976
Fund Balance End of Year	462,879		534,294	547,667	569,716	600,722	640,976	690,772



Memorandum

To: Lakeville Arenas Board
From: Jerilyn Erickson, Finance Director
Copy: Joe Bergquist, Lakeville Arenas Manager
Date: March 15, 2023
Subject: APEX Energy Savings Improvement Project – Debt Commitment

The City of Lakeville approved a guaranteed energy savings agreement with APEX on April 6, 2020 and approved the notice to proceed provision for the construction portion on August 17, 2020. In August 2020, the City and Independent School District #194 (ISD#194) approved a joint powers agreement (JPA) which provided that the debt and debt-related costs would be paid 50/50 by the City and ISD#194. The City issued \$7,770,000 of General Obligation Tax Abatement Bonds, Series 2021A on February 16, 2021, to finance the energy saving improvements.

The agreement with APEX included a guaranteed utility savings of \$63,460 each year for the term of the agreement (19 years after the completion date). See attached Exhibit A from the APEX agreement. Throughout the discussions of this project, it has been the intent of the Arenas Board to commit the utility savings towards the debt service of the bonds. This contribution would then reduce the amount of the required levy for both the City and ISD#194. The adopted 2022 Arenas budget reflected this contribution.

Due to the timing of when the actual utility savings review will take place each year, Staff is recommending the following timeline and a similar timeline going forward:

- 2022 - Year of energy savings
- 2023 - Year of calculation of prior year savings (report received from APEX) and expense/contribution to the City
- 2024 - Year of tax levy adjustment for the savings from 2022 (information would be communicated to ISD#194 by June 30, 2023)

Based on this timeline, the payment of the 2022 savings would not occur in 2022 as was originally budgeted but rather, in 2023.

Staff is also recommending that the Arenas Board adopt the attached resolution of commitment of the energy savings and the associated timing of the contribution and use of the funds. This resolution is similar to the one that the Arenas Board approved for the contribution to the 2020A bonds that were issued to finance the Ames parking lot improvement.

Attachments: Resolution
Exhibit A – APEX Summary of Work (showing the guaranteed utility savings)

LAKEVILLE ARENAS

RESOLUTION NO. 5172023.1

**RESOLUTION APPROVING COMMITMENT TO APPROPRIATE FUNDING FOR
DEBT SERVICE ASSOCIATED WITH APEX ENERGY SAVINGS IMPROVEMENT
PROJECT**

WHEREAS, the City of Lakeville authorized and made improvements to the Hasse and Ames Arena facilities for purposes of generating energy savings; and

WHEREAS, the City issued G.O. Tax Abatement bonds, Series 2021A to pay for the energy savings improvement project; and

WHEREAS, the City and Independent School District #194 (ISD#194) approved a joint power agreement (JPA) to provide the authority for the District to contribute annually appropriated funds to the City, so that the City may decrease the abatement levy pledged to debt service associated with G.O. Tax Abatement Bonds, Series 2021A; and

WHEREAS, the contract with APEX included a guaranteed annual utility savings of \$63,460 for the term of the agreement (19 years after the completion date); and

WHEREAS, APEX will perform a guarantee reconciliation at the end of each guarantee year and submit a guarantee reconciliation report to the City of Lakeville.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Lakeville Arenas, Lakeville, Minnesota as follows:

- 1) Lakeville Arenas will make a payment to the City of Lakeville for the amount of \$63,460.
- 2) The payment to the City will occur in the year following the year of utility savings.
- 3) The funds will be used to reduce the required levies for the City and ISD#194 two years following the year of utility savings.

ADOPTED by the Lakeville Arenas Board of Directors this 17th day of May 2023.

LAKEVILLE ARENAS

By: _____
Chair

ATTEST:

By: _____

Exhibit A – Summary of Work



Exhibit A – Summary of Work

Work Description	Location	Cost	Guaranteed Utility Savings	City Contribution	Annual O&M Savings	Potential Incentives	Net Cost	Simple Payback
Ames Ice Arena - Improvements								
Lighting Upgrade - Replace existing lighting with LED retrofit technology.	Ames Arena	\$168,637	\$6,010	\$0	\$1,298	\$7,554	\$161,083	22.0
Building Envelope Improvements - seal envelope wall/ceiling, doors and windows.	Ames Arena	\$61,137	\$4,300	\$0	\$0	\$0	\$61,137	14.2
New Ammonia System, Building 2020, Rink 2 Floor 2021, Rink 1 Floor 2022	Ames Arena	\$5,068,267	\$21,370	\$0	\$7,000	\$0	\$5,068,267	178.6
Water Savings - Provide new water savings flushing and sinks for low flow systems	Ames Arena	\$22,382	\$1,270	\$0	\$90	\$0	\$22,382	16.5
Low-E Ceiling - Install a new Low-E ceiling on Rink 1	Ames Rink 1	\$68,392	\$4,640	\$0	\$0	\$0	\$68,392	14.7
Building HVAC Controls - Install a new BAS system for the existing roof top units	Ames Arena	\$6,515	\$820	\$0	\$0	\$0	\$6,515	7.9
BRR Replacement - Replace existing BRR unit with new gas fired dehumidification unit	Ames Arena	\$534,211	\$0	\$0	\$0	\$10,500	\$523,711	N/A
Boiler Plant - Install new boiler plant for heating both rinks and provide heat for the Snow Melt Pit	Ames Arena	\$258,469	\$0	\$0	\$0	\$0	\$258,469	N/A
Replacement of 2nd DHU - Replacing second unit with gas heat	Ames Arena	\$595,311	\$0	\$0	\$0	\$0	\$595,311	N/A
Dasher Boards - Two rinks of Dasher Boards and Rubber Mats around rink	Ames Arena	\$568,639	\$0	\$0	\$0	\$0	\$568,639	N/A
Ames Improvements - Sub Total		\$7,351,958	\$38,410	\$0	\$8,388	\$18,054	\$7,333,904	156.7
Hasse Ice Arena - Improvements								
Window Film - Install new window film on the exterior windows	Hasse Arena	\$3,414	\$300	\$0	\$0	\$0	\$3,414	11.4
Building Envelope Improvements - Seal envelope wall/ceiling, doors and windows.	Hasse Arena	\$16,063	\$1,300	\$0	\$0	\$0	\$16,063	12.4
Lighting Upgrade - Replace existing lighting with LED retrofit technology.	Hasse Arena	\$129,127	\$9,020	\$0	\$1,898	\$10,750	\$118,377	10.8
Refrigeration Controls - Adding controls to the existing R-22 System for energy efficiency	Hasse Arena	\$172,599	\$8,050	\$0	\$0	\$800	\$171,799	21.3
Low-E Ceiling - Install a new Low-E ceiling	Hasse Arena	\$70,769	\$4,620	\$0	\$1,000	\$0	\$70,769	12.6
HVAC Controls - Adding Controls on the existing dehumidification unit and Locker Room Units	Hasse Arena	\$49,675	\$1,760	\$0	\$0	\$0	\$49,675	28.2
Hasse Improvements - Sub Total		\$441,647	\$25,050	\$0	\$2,898	\$11,550	\$430,097	15.4
Other								
Contingency - Funds for additional scope to be determined later by the owner	Ice Arena Projects	\$100,000	\$0	\$0	\$0	\$0	\$100,000	N/A
Directed Engineering Study		\$39,680	\$0	\$0	\$0	\$0	\$39,680	N/A
Totals		\$7,933,285	\$63,460	\$6,500,000	\$11,286	\$29,604	\$7,903,682	18.8

Definitions:

CLIENT shall also be referred to as OWNER and/or HOST.

CONTRACTOR shall also be referred to as APEX and/or DEVELOPER.

Memorandum

To: Lakeville Arenas Board
From: **Joe Bergquist, Arenas Manager**
Copy: Jerilyn Erickson, Finance Director
Date: May 17, 2023
Subject: Resolution 5172023.2 Amending the 2023 Adopted Budget

Introduction

The Joint Powers Agreement requires the Board to approve an annual budget on a calendar year basis. The budget must set forth projected expenditures and revenues necessary to finance lease payments, fund the capital maintenance reserve and to maintain, operate, and manage the Arena Complexes.

The 2023 adopted budget was prepared before the construction of the Hasse Outdoor Pavilion Rink was approved which has a substantial impact to the adopted budget. The impact includes additional revenue and expenses that were budgeted from expanded year-round operations and sales at Hasse and new internal programming sales from hosting tournaments during the spring and summer season. Due to construction these additional revenues and expenditures are not able to take place in 2023 as was budgeted.

The 2023 adopted budget was prepared without the Apex Debt Commitment Payment from the 2021 Energy Improvements Project because the amount of savings was not yet known, and the commitment amount had not been determined. This payment now needs to be added to the budget and has a significant impact regarding cuts and changes being implemented to account for the added debt service payment in 2023.

The Lakeville Arenas Board has full authority over the financial affairs of the Organization. The Board adopts an annual budget for the Organization. During the budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as 'adopted Budget' represent the original budgeted amounts. Any changes in the budget must be approved by a majority vote of the Board.

Recommendation

Approve Resolution 5172023.2 Amending the 2023 Adopted Budget to account for the above-mentioned changes necessary to comply with public accounting rules and regulations.

LAKEVILLE ARENAS
RESOLUTION NO. 5172023.2
AMENDING THE 2023 ADOPTED BUDGET

WHEREAS, the Lakeville Arenas Board must approve and adopt an annual budget that sets forth projected expenditures and revenues necessary to finance lease payments, fund the capital maintenance reserve and to maintain, operate, and manage the Arena Complexes; and

WHEREAS, during a budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as ‘adopted Budget’ represent the original budgeted amounts. Any changes in the budget must be approved by a majority vote of the Board; and

WHEREAS, the Lakeville Arenas Board wishes to amend the 2023 Adopted Budget to account for changes in revenues and expenditures that were not accounted for in the 2023 Adopted Budget.

NOW, THEREFORE, BE IT RESOLVED by the Lakeville Arenas Board of Directors:

- 1) The 2023 adopted budget is hereby amended and approved as per Exhibit A, as attached hereto.

ADOPTED by the Lakeville Arenas Board this 17th day of May 2023.

LAKEVILLE ARENAS

Board Chair - Judy Keliher

____/____/____

ATTEST

Board Secretary – Troy Patterson

____/____/____

LAKEVILLE ARENAS
STATEMENT OF REVENUE AND EXPENSE
2023 BUDGET
AMENDED MAY 17, 2023

	2023 Adopted <u>Budget</u>	Change Add (Decrease)	2023 Amended <u>Budget</u>
OPERATING REVENUE			
Ice Rental - LHA	477,919	33,631	511,550
Ice Rental - ISD 194	201,712	8,066	209,778
Ice Rental Other	413,082	16,213	429,295
ISD 194 HS Game Gate Share	47,148	(8,038)	39,110
Dry floor Rentals	14,100	(4,351)	9,749
Learn to Skate	91,773	(5,229)	86,544
Public Admissions	32,391	21,859	54,250
Internal Programs	109,296	(79,655)	29,641
Concessions Net Revenue	97,165	14,604	111,769
Net Pro Shop Revenue	2,500	2,232	4,732
Skate Sharpening	9,727	(1,812)	7,915
Skate Rental	8,122	(2,096)	6,026
Games-Vending Machines	0	3,852	3,852
Advertising Sales / Other	30,000	12,364	42,364
Rebates & Dividends	0	0	0
Donations/Other Misc.	2,000	3,757	5,757
Interest on Investments	10,000	(3,622)	6,378
Net Change in FV of Investments	<u>0</u>	<u>(11,240)</u>	<u>(11,240)</u>
TOTAL OPERATING REVENUE	<u>1,546,935</u>	<u>534</u>	<u>1,547,469</u>
 PERSONNEL EXPENSES			
Salaries - Full Time	323,603	(81,786)	241,817
Overtime	29,333	(14,396)	14,937
Salaries - Part Time	114,000	71,280	185,280
PERA	24,263	(3,507)	20,756
Hospitalization	53,790	(27,259)	26,531
Life and Disability	896	(629)	267
Long Term Disability	788	124	912
Dental Insurance	3,180	(665)	2,515
FSA	0	228	228
FICA	33,469	1,239	34,708
Workers Compensation	0	10,468	10,468
Unemployment Compensation	13,944	(39)	13,905
Payroll Contingency	<u>13,864</u>	<u>(3,282)</u>	<u>10,582</u>
TOTAL PERSONNEL EXPENSES	<u>611,130</u>	<u>(48,223)</u>	<u>562,907</u>

	2023 Adopted Budget	Change Add (Decrease)	2023 Amended Budget
COMMODITY EXPENSES			
Office Supplies / Equipment	1,000	2,839	3,839
Operating Supplies & Equipment	30,640	4,359	34,999
Motor Fuels	1,500	(209)	1,291
Cleaning Supplies / Equipment	11,000	811	11,811
Clothing	2,500	0	2,500
Chemicals (Condensing Towers)	0	6,000	6,000
Safety Supplies & Equipment	788	591	1,379
Equipment Parts & Supplies	3,700	(2,500)	1,200
Building Repair Supplies & Equipment	25,000	7,005	32,005
Parking Lot Maintenance Supplies	0	0	0
Landscaping Materials & Equipment	0	7,000	7,000
Signs (Advertising Sales Sign Expenses)	0	6,000	6,000
Small Tools/Equipment	2,500	9,000	11,500
Computer Supplies	5,000	(614)	4,386
TOTAL COMMODITY EXPENSES	<u>83,628</u>	<u>40,282</u>	<u>123,910</u>

PROFESSIONAL & ADMIN EXPENSES

Professional Fees	0	0	0
Attorney Fees	0	0	0
Fiscal Management Fee	35,542	3,770	39,312
Bank Charges	15,500	2,139	17,639
Audit	6,554	192	6,746
Advertising (Old Dashers/New Media Expense)	6,220	(6,220)	0
Insurance	25,637	258	25,895
Postage & Shipping	0	0	0
Tuition Reimbursement	0	0	0
Schools and Conferences	5,000	323	5,323
Travel Expenses	0	1,450	1,450
Use of Personal Auto	303	409	712
Misc. Expenses (Commissions-Donations)	0	4,236	4,236
Dues/Subscriptions/Licenses	16,881	(4,936)	11,945
TOTAL PROFESSIONAL EXPENSES	<u>111,637</u>	<u>4,443</u>	<u>116,080</u>

CONTRACT EXPENSES

Other Contractual	69,572	(39,257)	30,315
Contract Auto Repair	0	1,500	1,500
Equipment Repair and Maintenance	20,231	(6,386)	13,845
Building Repair and Maintenance	87,813	(31,935)	55,878
Snow Removal	17,860	11,470	29,330
TOTAL CONTRACT EXPENSES	<u>199,676</u>	<u>(68,808)</u>	<u>130,868</u>

	2023 Adopted Budget	Change Add (Decrease)	2023 Amended Budget
UTILITY EXPENSES			
Electric Service	239,917	(24,880)	215,037
Gas Service	89,185	20,537	109,722
Water	19,119	3,918	23,037
Waste Disposal	10,459	(4,295)	6,164
Telephone/IS	<u>3,436</u>	<u>(293)</u>	<u>3,143</u>
TOTAL UTILITY EXPENSES	<u>362,116</u>	<u>(5,013)</u>	<u>357,103</u>
INTEREST AND DEBT EXPENSES			
Debt Service Payments - Major Maintenance (Ames Lot)	12,875	625	13,500
Energy Savings Project - Debt Commitment (APEX)	0	63,460	63,460
Debt Service	0	0	0
Bad Debts	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL INTEREST AND DEBT EXPENSES	<u>12,875</u>	<u>64,085</u>	<u>76,960</u>
CAPITAL EXPENSES			
Capital Outlay Buildings	0	19,564	19,564
Capital Outlay Machinery & Equipment	0	12,000	12,000
Capital Outlay Other Improvements	0	0	0
Capital Outlay Computers	0	0	0
Transfer to Capital Reserve Fund	<u>140,000</u>	<u>0</u>	<u>140,000</u>
TOTAL CAPITAL EXPENSES	<u>140,000</u>	<u>31,564</u>	<u>171,564</u>
TOTAL EXPENSES	<u>1,521,062</u>	<u>18,330</u>	<u>1,539,392</u>
TOTAL NET INCOME	<u>25,873</u>	<u>(17,796)</u>	<u>8,077</u>



Memorandum

To: Lakeville Arenas Board
From: Joe Bergquist, Arenas General Manager
Copy: Jerilyn Erickson, Finance Director
Date: May 10, 2023
Subject: Resolution 5172023.3 Adopting the 2024 Proposed Budget

Introduction

The Joint Powers Agreement requires the Board to approve an annual budget on a calendar year basis. The budget must set forth projected expenditures and revenues necessary to finance lease payments, fund the capital maintenance reserve and to maintain, operate, and manage the Arena Complexes. The budget must be submitted to the City and School District prior for comment and suggestions, then adopted by the board.

The Proposed Budget was presented by the Arenas Manager to the City council on May 15, 2023, and to the Lakeville School Board on May 16, 2023.

No changes have been recommended or approved since the April 19 budget presentation to the Lakeville Arenas Board.

Recommendation

Approve Resolution 5172023.3 Adopting the 2024 Proposed Budget.

LAKEVILLE ARENAS

RESOLUTION NO. 5172023.3

ADOPTION OF THE LAKEVILLE ARENAS PROPOSED 2024 BUDGET

BE IT RESOLVED, by the Board of Directors of the Lakeville Arenas, Lakeville, Minnesota as follows:

- 1) The Lakeville Arenas Proposed 2024 Budget is hereby adopted by the Lakeville Arenas Board per Exhibit A, as attached hereto.

ADOPTED by the Lakeville Arenas Board of Directors this 17th day of May 2023.

LAKEVILLE ARENAS

By: _____
Chair

ATTEST:

By: _____

LAKEVILLE ARENAS
STATEMENT OF REVENUE AND EXPENSE
2024 BUDGET
ADOPTED MAY 17, 2023

OPERATING REVENUE	<u>2024 BUDGET</u>
Ice Rental - LHA	583,853
Ice Rental - ISD 194	226,919
Ice Rental Other	563,911
ISD 194 HS Game Gate Share	39,110
Dry floor Rentals	9,762
Learn to Skate	95,708
Public Admissions	56,962
Internal Programs	31,123
Concessions Net Revenue	116,520
Net Pro Shop Revenue	5,043
Skate Sharpening	9,103
Skate Rental	6,929
Games-Vending Machines	4,237
Advertising Sales / Other	42,601
Rebates & Dividends	-
Donations/Other Misc.	5,757
Interest on Investments	6,378
Net Change in FV of Investments	<u>(10,678)</u>
TOTAL OPERATING REVENUE	<u><u>1,793,238</u></u>

PERSONNEL EXPENSES	
Salaries - Full Time	378,162
Overtime	13,687
Salaries - Part Time	208,014
PERA	29,757
Hospitalization	47,220
Life and Disability	528
Long Term Disability	1,824
Dental Insurance	5,136
FSA	480
FICA	46,198
Workers Compensation	10,468
Unemployment Compensation	17,444
Payroll Contingency	<u>18,117</u>
TOTAL PERSONNEL EXPENSES	<u><u>777,034</u></u>

COMMODITY EXPENSES

Office Supplies / Equipment	3,877
Operating Supplies & Equipment	35,349
Motor Fuels	1,304
Cleaning Supplies / Equipment	11,929
Clothing	2,525
Chemicals (Condensing Towers)	6,060
Safety Supplies & Equipment	1,379
Equipment Parts & Supplies	1,212
Tires	-
Building Repair Supplies & Equipment	32,325
Parking Lot Maintenance Supplies	-
Landscaping Materials & Equipment	7,070
Signs (Advertising Sales Sign Expenses)	6,060
Small Tools/Equipment	11,615
Computer Supplies	4,430
TOTAL COMMODITY EXPENSES	<u>125,135</u>

PROFESSIONAL & ADMINISTRATION EXPENSES

Professional Fees	-
Attorney Fees	-
Fiscal Management Fee	41,278
Bank Charges	17,639
Audit	6,948
Advertising (Old Dashers/New Media Expense)	-
Insurance	29,779
Postage & Shipping	-
Tuition Reimbursement	-
Schools and Conferences	5,855
Travel Expenses	1,479
Use of Personal Auto	712
Misc. Expenses (Commissions-Donations)	4,279
Dues/Subscriptions/Licenses	12,542
TOTAL PROFESSIONAL EXPENSES	<u>120,510</u>

CONTRACT EXPENSES

Other Contractual	30,618
Contract Auto Repair	1,515
Equipment Repair and Maintenance	13,983
Building Repair and Maintenance	56,437
Snow Removal	52,242
TOTAL CONTRACT EXPENSES	<u>154,795</u>

UTILITY EXPENSES

Electric Service	236,541
Gas Service	115,208
Water	24,189
Waste Disposal	6,287
Telephone/IS	3,206
TOTAL UTILITY EXPENSES	<u>385,431</u>

INTEREST AND DEBT EXPENSES

Debt Service Payments - Major Maintenance (Ames Lot)	13,500
Energy Savings Project - Debt Commitment (APEX)	63,460
Debt Service	-
Bad Debts	-
TOTAL INTEREST AND DEBT EXPENSES	<u>76,960</u>

CAPITAL EXPENSES

Capital Outlay Buildings	-
Capital Outlay Machinery & Equipment	-
Capital Outlay Other Improvements	-
Capital Outlay Computers	-
Transfer to Capital Reserve Fund	140,000
TOTAL CAPITAL EXPENSES	<u>140,000</u>

TOTAL EXPENSES	<u>1,779,865</u>
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TOTAL NET INCOME	<u>13,373</u>
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Fund Balance Beginning of Year	470,957
Fund Balance End of Year	484,329

Lakeville ARENAS



2024 Budget

Proposed April 19, 2023

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Lakeville

ARENAS

April 19, 2023

Lakeville Arenas Board members

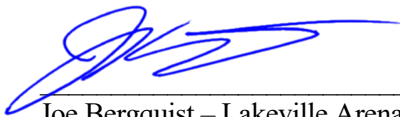
The Joint Powers Agreement requires the Board to approve an annual budget on a calendar year basis. The budget must set forth projected expenditures and revenues necessary to finance lease payments, fund the capital maintenance reserve and to maintain, operate, and manage the Arena Complexes. The budget must be submitted to the City and School District prior to June 1st. The Board must approve the budget prior to July 1. As such the proposed 2024 budget is hereby presented to the Board for their consideration and approval.

The budget is comprised of the following funds for Lakeville Arenas to effectively manage its financial resources.

- General (Operating) Fund. The General Fund accounts for the overall operations of the Lakeville Arenas.
- Capital Reserve Fund. The Capital Reserve Fund was established to provide the financing of future equipment replacements and major facility repairs and improvements.

The salient issues relative to the proposed budget for each of the respective funds are discussed in the sections attached hereto.

Respectfully Submitted,



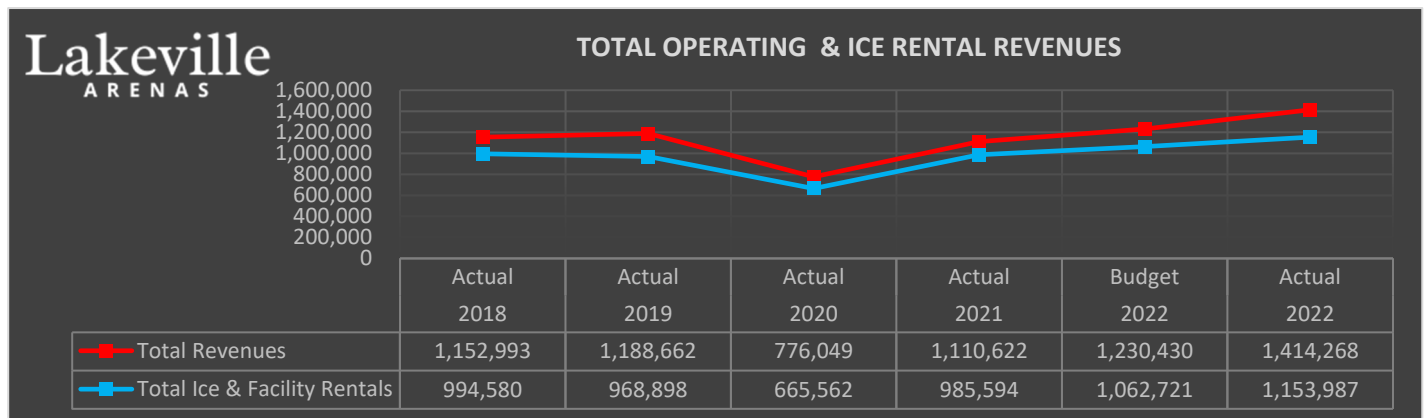
Joe Bergquist – Lakeville Arenas General Manager

2022 Financial Summary

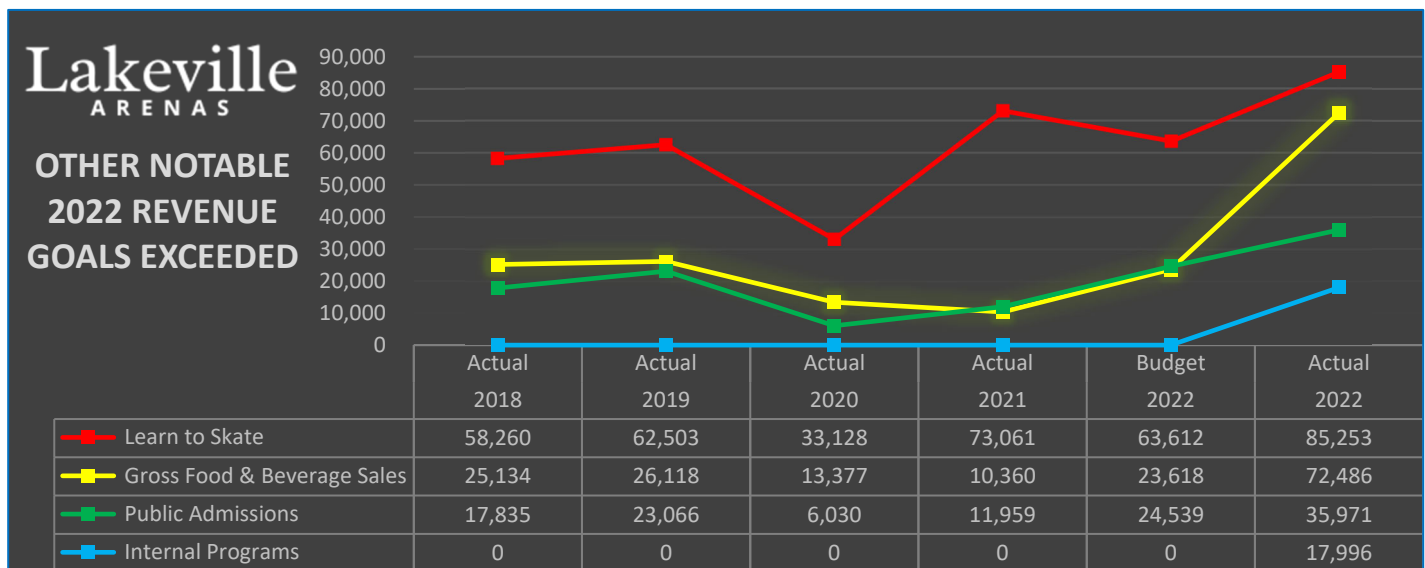
The 2022 fiscal year marked the 15th full year of joint operation of both the Ames and Hasse Arenas. The joint operation has enabled the Lakeville Arenas organization to continue to offer new and expanded opportunities to better serve our customers and the community. Some of the highlights and initiatives are as follows.

REVENUES

2022 marked the first year of new revenue expansion goals designed to improve the programs, amenities, and facilities provided to customers and residents. 2022 was very successful in regard to increasing overall revenue, which was fueled by increased ice sales, public admissions, concession sales and internal programing. The original budget for 2022 was set in early 2021 during the pandemic and with the uncertainty of when we would return to normal. 2019 actual results were used as a benchmark for the 2022 budget. In 2022 Management implemented several operational improvements and revenue expansion goals designed to provide additional revenue that would provide facility and staffing improvements. The success of these new initiatives can be seen in the vast budget variances in both revenue and expenses.



Total revenues in 2022 were \$119,808 higher than budget of \$1,110,622 and \$303,646 higher compared to 2021 actual. The largest gain in revenue was in ice sales which was \$77,127 higher than budget and \$168,393 higher than the original adopted budget. The total hours rented in 2022 were 5,044 compared to 4,570 in 2021. Both ice rental revenue and total hours sold in 2022 were all-time records.



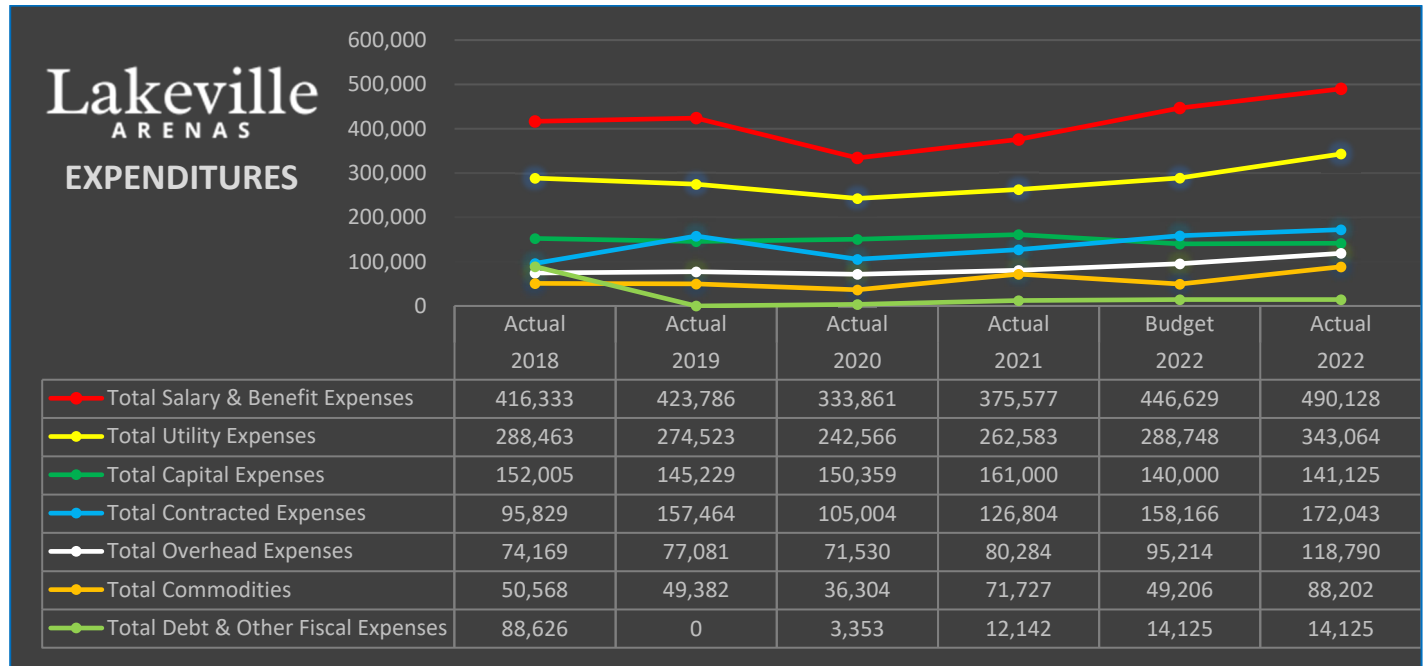
Other notable revenue goals exceeding the budget and set by management included concessions and pro-shop sales, learn to skate programming, advertising sales, new internal programs, and public admissions, all of which also set all-time records.

OPERATING REVENUE

	2019	2020	2021	2022	2022	2022
	Actual	Actual	Actual	Amended Budget	Actual	Budget Variance
Ice & Facility Rentals						
Ice Rental - LHA	429,757	370,475	483,260	539,960	477,840	(62,120)
Ice Rental - ISD 194	196,751	197,062	254,064	220,392	210,124	(10,268)
Ice Rental Other	287,498	61,172	228,408	341,606	402,052	60,446
ISD 194 HS Game Gate Share	37,339	27,608	14,749	46,193	43,950	(2,243)
Dry floor Rentals	17,553	9,245	5,113	19,378	20,021	643
Total Ice & Facility Rentals	968,898	665,562	985,594	1,167,529	1,153,987	(13,542)
Increase/decrease	(25,682)	(303,336)	320,032	181,935	168,393	
Programing & Events Revenue						
Learn to Skate	62,503	33,128	73,061	79,507	85,253	5,746
Public Admissions	23,066	6,030	11,959	39,922	35,971	(3,952)
Internal Programs	-	-	-	-	17,996	17,996
Total Programs & Events Revenue	85,569	39,158	85,020	119,429	139,220	19,791
Increase/decrease	9,474	(46,411)	45,862	34,409	54,200	
Concessions Sales						
Gross Food & Beverage Sales	26,118	13,377	10,360	80,282	72,486	(7,796)
(Cost of Goods Sold)	-	-	-	-	-	-
Concessions Net Revenue	26,118	13,377	10,360	80,282	72,486	(7,796)
Increase/decrease	984	(12,741)	(3,017)	69,922	62,126	
Pro Shop Products & Services						
Gross Pro Shop Product Sales	-	-	-	936	2,535	1,599
Pro Shop Cost of Goods Sold	-	-	-	-	-	-
Net Pro Shop Revenue	-	-	-	936	2,535	1,599
Skate Sharpening	5,964	2,700	637	5,477	5,283	(194)
Skate Rental	8,554	3,570	2,808	5,333	5,217	(116)
Total Pro Shop Products & Services	14,518	6,270	3,445	11,746	13,035	1,289
Increase/decrease	(29)	(8,248)	(2,825)	8,301	9,590	
Other Misc. Arena Revenues						
Games-Vending Machines	6,376	5,146	881	1,122	1,677	555
Advertising Sales / Other	22,718	4,966	5,673	30,708	39,147	8,439
Donations/Other Misc.	51,189	31,304	24,465	7,962	6,202	(1,760)
Interest on Investments	-	-	-	3,917	4,317	400
Net Change in FV of Investments	13,276	10,266	(4,816)	(19,727)	(15,802)	3,925
Cash Over/(Short)	-	-	-	-	-	-
Total Other Arena Revenues	93,559	51,682	26,203	23,982	35,541	11,559
Increase/decrease	50,922	(41,877)	(25,479)	(2,221)	9,338	
Total Revenues	1,188,662	776,049	1,110,622	1,402,968	1,414,268	11,300
Increase/decrease	35,669	(412,613)	334,573	292,346	303,646	

EXPENDITURES

The additional revenues of 2022 were used for a wide variety of improvements such as purchasing new concessions and pro shop equipment for expanding sales and making repairs and improvements to the buildings and equipment at both Ames and Hasse. Management was also able to increase salary plans to be more competitive during the recent labor shortage and expand full time positions that will allow Lakeville Arenas to better clean the facilities, maintain the buildings and equipment, offer new programs and opportunities, and better serve our customers and residents overall. Most importantly we have been able to absorb some of the steep increases that we have been seeing for supplies, energy, and other services during the current inflationary period. Increase of revenue and expenses were consistent with one another in 2022. Expenditures were up overall similar to revenues and 97% of revenue as budgeted.



All expense categories increased comparatively to revenues and ended the year within 1% of their budgeted percent of revenue goals. While some of the increases in expenses were from improvements and competitive salary adjustments made with the additional revenues of 2022, many of the increases were also driven by inflation and higher operating costs. Fortunately, the success of the new expanded operations and revenue goals helped absorb some of these higher costs. Had we not had the increased revenues from expansion, many of the improvements would not have been completed and most likely would have seen a loss for the year in net revenue due to the inflation we experienced from our supplies and services.

Salary & benefit expenses increased due to salary plan increases, added workloads in concessions, expanded hours for ice sales, and simply being the first year since the pandemic started that we were fully staffed all year.

Utilities were the second largest expense category at \$54,000 higher than budget and \$81,000 compared to 2021. Electric was slightly higher than budget by \$1,200 but \$33,000 compared to 2021. Gas was higher than budget by \$48,000 and \$38,950 compared to 2021.

Contracted expenses were higher than budget by \$14,000, which was due to equipment repairs and upgrades completed with the additional revenues from 2022. The failing Hasse ice plant also accounted for some added uncommon repair expenses. There were also expenses for cleaning services not included in the budget.

Commodity expenses were also higher due to using some of the additional revenues for upgraded equipment in the concessions stands, new ceiling tiles at Ames, new carpet for the vestibules, and other facility improvements.

Overhead expenses were up primarily due to credit card processing fees as we have transitioned the sales of our products and services to digital payments to keep current with public needs and demands.

OPERATING EXPENSES

	2019 Actual	2020 Actual	2021 Actual	2022 Amended Budget	2022 Actual	2022 Budget Variance
Employee Salary Expenses						
Salaries - Full Time	191,079	157,428	155,819	228,913	230,289	1,376
Overtime	-	-	-	21,957	19,767	(2,190)
Salaries - Part Time	148,379	103,871	153,135	144,377	141,394	(2,983)
Total Employee Salaries	339,458	261,299	308,954	395,247	391,450	(3,797)
Employee Benefit Expenses						
PERA	14,348	18,205	17,635	22,091	23,986	1,895
Hospitalization	33,718	23,368	16,874	22,378	20,484	(1,894)
Life and Disability	99	96	151	147	138	(9)
Long Term Disability	383	324	300	451	457	6
Dental Insurance	1,856	1,439	1,345	1,548	1,294	(254)
FSA	-	-	-	71	93	22
Total Employee Benefits	50,404	43,432	36,305	46,686	46,452	(234)
Employee Withholdings-Other Expenses						
FICA	25,162	19,509	23,625	29,063	29,912	849
Workers Compensation	8,762	9,380	6,693	11,446	11,846	400
Unemployment Compensation	-	241	-	10,468	10,468	-
Payroll Contingency	-	-	-	-	-	-
Employee Withholdings/Other	33,924	29,130	30,318	50,977	52,226	1,249
Total Salary & Benefit Expenses	423,786	333,861	375,577	492,910	490,128	(2,782)
Increase/decrease	7,453	(89,925)	41,716	117,333	114,551	
% of Revenue	36%	43%	34%	35%	35%	

COMMODITIES

Office Supplies / Equipment	3,005	3,419	3,716	3,640	3,731	91
Operating Supplies & Equipment	15,475	10,572	19,958	32,327	31,460	(867)
Motor Fuels	565	223	463	951	872	(79)
Cleaning Supplies / Equipment	10,708	8,802	5,617	11,224	8,231	(2,993)
Clothing	2,473	-	4,851	1,036	36	(1,000)
Chemicals (Condensing Towers)	-	-	-	-	-	-
Safety Supplies & Equipment	-	11,495	1,973	1,282	1,356	74
Equipment Parts & Supplies	2,688	541	2,549	3,524	758	(2,766)
Building Repair Supplies & Equipment	14,012	952	20,284	28,673	32,562	3,889
Parking Lot Maintenance Supplies	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	-	-	-	-
Signs (Advertising Sales Sign Expenses)	-	-	-	-	-	-
Small Tools/Equipment	305	260	5,432	10,378	4,957	(5,421)
Computer Supplies	151	40	6,884	5,000	4,239	(762)
Total Commodities	49,382	36,304	71,727	98,035	88,202	(9,833)
Increase/decrease	(1,186)	(13,078)	35,422	26,308	16,475	
% of Revenue	4%	5%	6%	7%	6%	

OTHER CHARGES & SERVICES**Admin & Overhead Expenses****Professional Services Expenses**

Professional Fees	-	-	-	-	-	-
Attorney Fees	-	1,470	-	-	-	-
Fiscal Management Fee	33,792	34,500	34,896	36,588	36,588	-
Bank Charges	2,133	1,288	1,967	16,274	16,570	296
Audit	6,125	6,300	6,500	6,695	6,695	-
Advertising (Old Dashers/New Media Expense)	6,247	1,169	4,985	17,067	6,407	(10,660)
Insurance	19,151	19,792	19,335	25,137	25,134	(3)
Postage & Shipping	16	-	-	-	-	-
Total Professional Expenses	67,464	64,519	67,683	101,761	91,394	(10,367)

Training & Education Expenses

Tuition Reimbursement	-	-	-	-	-	-
Schools and Conferences	-	-	-	662	662	-
Total Education Expenses	-	-	-	662	662	-

	2019 Actual	2020 Actual	2021 Actual	2022 Amended Budget	2022 Actual	2022 Budget Variance
Other Admin & Overhead Expenses						
Travel Expenses	-	-	-	-	-	-
Use of Personal Auto	230	12	-	122	122	-
Misc. Expenses (Commissions-Donations)	-	-	-	11,925	11,925	-
Dues/Subscriptions/Licenses	9,387	6,999	12,601	13,620	14,687	1,067
Licenses & Taxes	-	-	-	-	-	-
Total Other Overhead Expenses	9,617	7,011	12,601	25,667	26,734	1,067
Total Overhead Expenses	77,081	71,530	80,284	128,090	118,790	(9,300)
Increase/decrease	2,912	(5,551)	8,754	47,806	38,506	
% of Revenue	6%	9%	7%	9%	8%	
Contracted Expenses						
Other Contractual	10,939	8,838	20,880	54,318	59,029	4,711
Contract Auto Repair	-	-	-	-	-	-
Equipment Repair and Maintenance	3,402	12,873	15,464	15,373	17,059	1,686
Building Repair and Maintenance	122,114	72,231	72,912	72,921	73,561	640
Contract Landscaping	690	318	260	-	1,733	1,733
Contract Cleaning	-	-	-	-	-	-
Snow Removal	20,319	10,744	17,288	19,028	20,661	1,633
Total Contracted Expenses	157,464	105,004	126,804	161,640	172,043	10,403
Increase/decrease	61,635	(52,460)	21,800	34,836	45,239	
% of Revenue	13%	14%	11%	12%	12%	
Utility Service Expenses						
Electric Service	187,768	171,312	179,093	217,573	212,123	(5,450)
Gas Service	57,458	41,714	56,885	87,616	95,835	8,219
Utility Energy Savings (APEX)	-	-	-	(63,460)	-	63,460
Water	16,076	16,510	18,744	22,025	25,278	3,253
Waste Disposal	11,241	9,734	4,546	7,316	6,799	(517)
Telephone/IS	1,980	3,296	3,315	3,045	3,029	(16)
Total Utility Expenses	274,523	242,566	262,583	274,115	343,064	68,949
Increase/decrease	(13,940)	(31,957)	20,017	11,532	80,481	
% of Revenue	23%	31%	24%	20%	24%	
Gross Operating Expenses	982,236	789,265	916,974	1,154,790	1,212,227	57,437
Earnings before Interest-Debt-Capital	206,426	(13,216)	193,648	248,178	202,041	(46,137)
Increase/decrease	(21,205)	(219,642)	206,864	54,530	8,394	
% of Revenue	17%	-2%	17%	18%	14%	
Interest and Debt Expenses						
Debt Service Payments - Major Maintenance	-	-	12,142	14,124	14,125	1
(APEX) Energy Savings Project - Debt Commitment	-	-	-	63,460	-	(63,460)
Debt Service	-	-	-	-	-	-
Bad Debts	-	3,353	-	-	-	-
Total Debt & Other Fiscal Expenses	-	3,353	12,142	77,584	14,125	(63,459)
Increase/decrease	(88,626)	3,353	8,789	65,442	1,983	
% of Revenue	0%	0%	1%	6%	1%	
Capital Expenses						
Capital Outlay Buildings	2,200	-	26,000	-	-	-
Capital Outlay Machinery & Equipment	13,029	15,853	-	-	-	-
Capital Outlay Other Improvements	-	-	-	-	-	-
Capital Outlay Computers	-	4,506	-	-	1,125	1,125
Transfer to Capital Reserve Fund	130,000	130,000	135,000	140,000	140,000	-
Total Capital Expenses	145,229	150,359	161,000	140,000	141,125	1,125
Increase/decrease	(6,776)	5,130	10,641	(21,000)	(19,875)	
% of Revenue	0	0	0	0	0	
Total Expenditures	1,127,465	942,977	1,090,116	1,372,374	1,367,477	(4,897)
Increase/decrease	(38,528)	(184,488)	147,139	282,258	277,361	
% of Revenue	95%	122%	98%	98%	97%	
NET INCOME	61,197	(166,928)	20,506	30,594	46,791	16,197
Increase/decrease	74,197	(228,125)	187,434	10,088	26,286	
% of Revenue	5%	-22%	2%	2%	3%	
Fund Balance Beginning of Year	501,313	562,510	395,582	462,879	416,088	
Fund Balance End of Year	562,510	395,582	416,088	493,473	462,879	

2023 Financial Estimate and 2024 Proposed Budget

During the budgeting process for the upcoming year, management prepares an estimate and forecast for the current budget cycle to assist with preparing the upcoming year's budget. Current actual financial results are used and combined with expected upcoming market conditions, unexpected expenses, or other factors that may have changed since the original budget was approved and adopted one year earlier. At the time that the 2023 budget was prepared the construction of the outdoor rink at Hasse was uncertain due to new cost estimates and other concerns. The current adopted budget was prepared without construction and additional revenue expansion goals planned for Hasse to stay open year-round for new internal programming such as tournaments.

There are currently several significant situations that have occurred since the 2023 budget was developed, which have a significant impact to the current 2023 budget. The first is the substantial increase in revenue and expenses in 2022 that have an impact on multiple revenue and expense lines, second is the impact that the construction of the outdoor rink, and third is the addition of a debt service payment using savings from the Apex Energy Improvements Project to be paid towards the bond payments for the project. The payment was not included in the 2023 budget because the amount of savings and payment was not yet known. Management is proposing that the following 2023 financial estimate and details be used to amend the 2023 budget to address these impacts on the original 2023 budget. The Lakeville Arenas Board has full authority over the financial affairs of the Organization. The Board adopts an annual budget for the Organization. During the budget year, supplemental appropriations and deletions may be authorized by the Organization. The amounts shown in the financial statements as 'adopted Budget' represent the original budgeted amounts. Any changes in the budget must be approved by a majority vote of the Board.

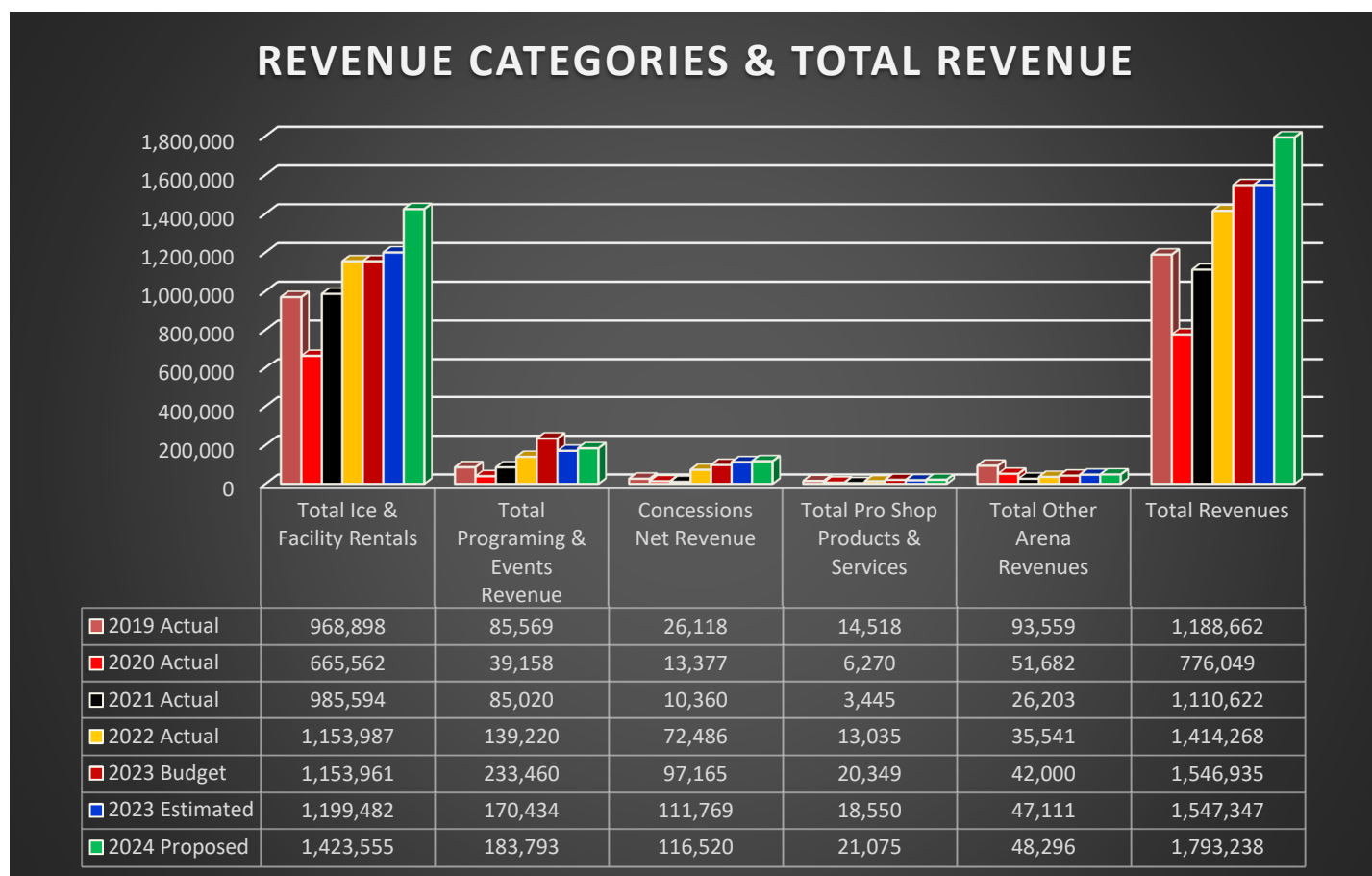
The 2024 budget has significant increases in rental revenues primarily from the addition of the new covered outdoor pavilion rink that is scheduled to open in 2024 and from having Hasse open year-round for ice rentals starting in 2024. The new revenue has been budgeted conservatively because there is no historical history or trends. The new internal programming revenue originally planned in 2023 for tournaments but delayed because of construction will be planned for 2024, but they are not included in the 2024 budget because of the unpredictability of their success at this time. They will be included in next year's budget estimate when the registrations will be known, and the actual revenues and expenses can be better forecasted.

2024 budget expenses are expected to increase comparatively to revenue and have been budgeted using historical actual expenses, percent of revenue trends, and actual forecasted expenses. Additional expenses from the new outdoor sheet and year-round operation of Hasse have been budgeted forecasted and added to the budget as well. The full-time driver staffing model to address increased year-round operations at Hasse Arena, additional programming expansion, as well as staffing shortages for part time drivers that was put on hold this past year because of construction will be implemented this fall and in all of 2024. The new staffing model will have 6 FTE positions. Current positions planned include 1 General Manager, 1 Operations Manager, 2 Supervisor/Drivers, and 2 Driver-Lead worker positions.

Also included in this report is the proposed capital reserve fund budget. The capital reserve fund is used to provide a financial framework for replacement of the arena infrastructure as it ages. Before construction was approved for the new outdoor rink at Hasse, the aging dasher board system inside was planned to be replaced in 2023 using capital reserve funds. However, after construction of the new rink was approved the need for an additional Zamboni was a priority and placed in front of the dasher board system for capital reserve funds. Due to this, management asked Becker Arenas Systems to perform an inspection of the indoor dasher system and prepare a quote for repairing the deficiencies so that the boards could be used safely for another couple years. As we expected the quote report pointed out many of the same deficiencies that we were aware of as well as many others and the quote to make the boards usable and safe is \$57,694. Recently when we placed our order for the new Zamboni, we were informed that manufacturing and delivery was out approximately a year and a half or longer, which puts delivery at the end of 2024 or early 2025. Management is recommending that the new dasher board system for the inside rink at Hasse be moved ahead of the Zamboni and be purchased and installed this summer while the ice is already out for construction. This will not only save the \$58k in repairs it will save the additional costs to remove the ice again and the loss of revenue while doing so. The 2023 capital reserve fund budget will need to be amended to add the new dasher system this summer. There are currently no other capital projects budgeted in 2023. The new Zamboni will be tentatively budgeted for in 2025, but if it arrives late in 2024, we will amend the reserve fund budget at that time to include it.

The following is a detailed summary of the actual results so far this year combined with the expected changes and impacts from the above-mentioned items affecting the 2023 and 2024 budgets.

2023 ESTIMATED & 2024 BUDGET REVENUE



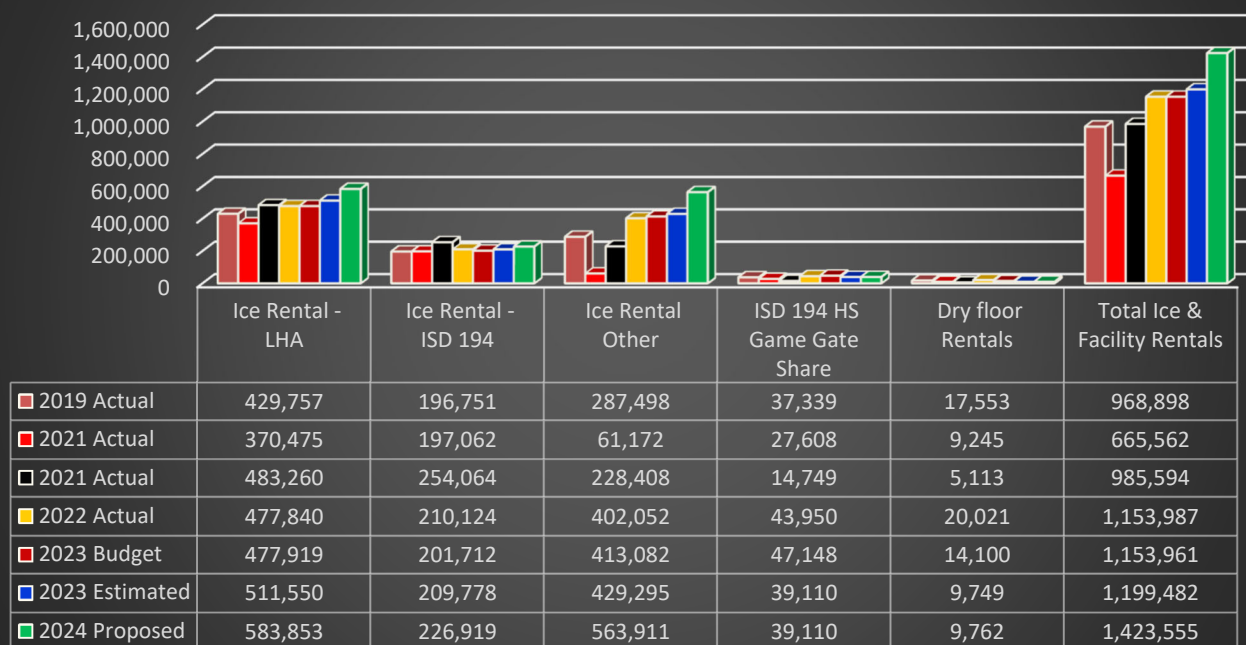
Total Ice & Facility Revenues: Ice and facility rentals are the core business and revenue streams for Lakeville Arenas and equal 80% of all revenues. 2023 ice rentals are estimated to exceed the budget even though having Hasse open year-round was pushed back to 2024 due to construction. Some of the reasons include the expanded availability with before school ice sales, improved scheduling and ice sales, growth within LHA with a need for more ice, and rate increases. Ice sales in 2024 will see the largest revenue increase with the opening of a new outdoor rink at Hasse Arena and the indoor rink going from 5 months of operations and sales to 12 months.

Programming & Events Revenue: Estimated 2023 programming and events revenue will be down substantially due to our expansion of hosting off-season tournaments being pushed back due to construction at Hasse Arena. There is significant growth in public admissions in 2023 and budgeted in 2024 also. Additional details for these areas are below in this report.

Welcome Center Operations Revenue: Our new Welcome Center operations which merged our concessions, pro shop, and front desk operations into one location and operation is one of our revenue expansion goals that launched in 2022. This area continues to exceed expectations and budgets. More details on both the concessions and pro shop budgets are below.

Total Other Revenues: Most of the revenue in this category is advertising sales, which is currently exceeding budgets and expectations. We are planning new advertising opportunities for 2023 and 2024 as most of our current ones are currently sold out. Other uncommon streams in this category are large donations or grants, which are represented within the 2019 & 2020 results.

ICE RENTAL REVENUE



2023 estimated ice & facility rentals include actual January through March 2023 results, current reservations booked and confirmed April through August, and forecasted rentals for September through December based on 2022 actual rentals. 2024 revenues are based on the current 2023 estimate and 2022 actual results.

Ice rental revenues beginning in October of 2023 include a recommended annual ice rental rate increase of \$10 per hour or 4%. Our prime rate for the upcoming winter season will increase from \$250 to \$260 per hour and the prime summer rate in 2024 will increase from \$180 per hour to \$190 per hour. Additional non-prime rate details are included later in this budget report.

The ice rental rate increases will help with increased expenses such as annual cost of living increases for employees, the new full time staffing model being implemented in 2023 & 2024, new debt commitment payments for the \$7.9 million apex energy improvements project, and overall inflationary expenses to our energy costs and other expenses.

This rate increase for our prime winter rate will keep our rates the same as our closest competitor, who is Farmington. Burnsville's rates and other nearby competitors are expected to be between \$250 and \$260 per hour based on recent surveys. Lakeville Arenas has historically had one of the higher ice rental rates due to our ownership entity as a joint powers agreement, which requires us to pay for all operating expenses with the revenues taken in. In addition, our local primary users receive other benefits with their ice rentals that are usually charged for by arenas such as free conference room rentals, free lease space for areas like training facilities, dedicated year-round locker rooms, and storage space.

LHA Ice Rentals: 2023 rentals are estimated to be slightly higher, which reflects the before mentioned combination of schedules and ice rate increases. Increased estimates also include the recent growth and teams added for the 2022-2023 season. 2024 includes additional rentals from the outdoor pavilion rink as well as annual rate increases.

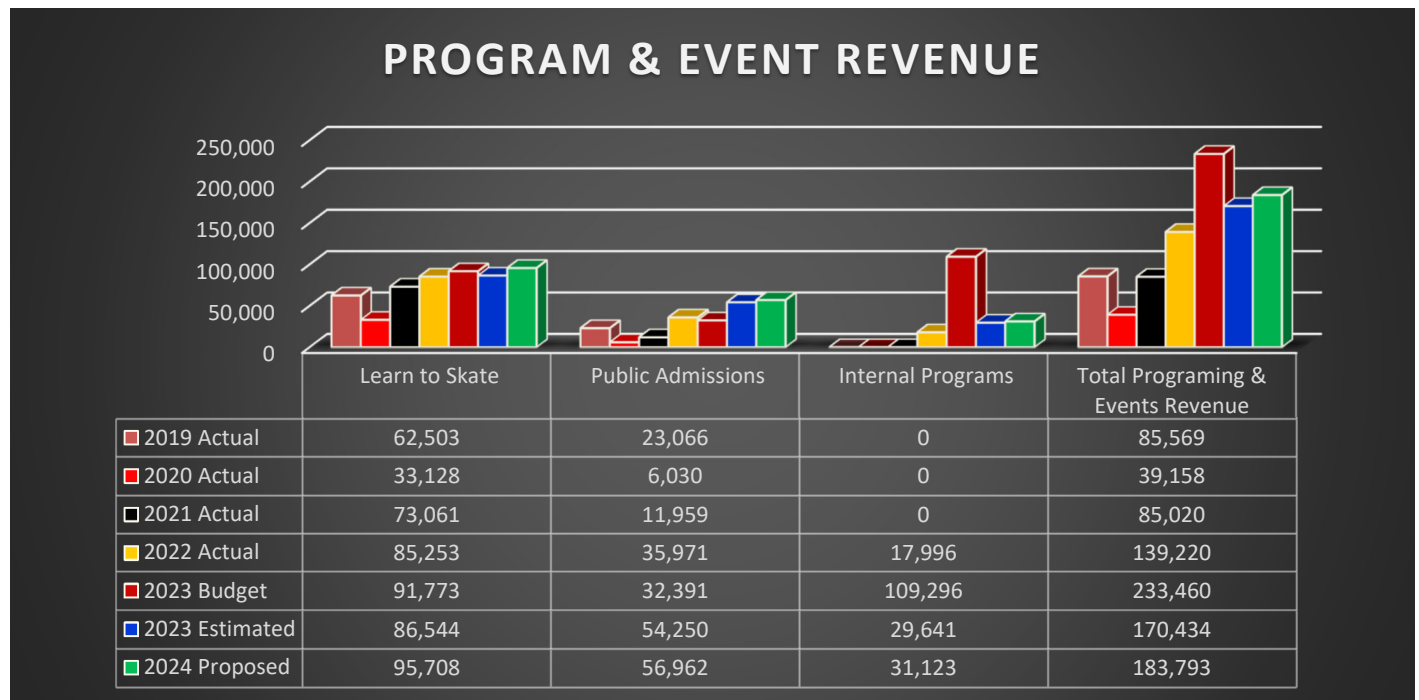
ISD 194 Ice Rentals: Overall sales for 2023 are expected to remain consistent and primarily reflect annual rate increases. 2024 revenue includes rate increases and a holiday tournament being added by the South Girls Program.

Ice Rentals Other: Other ice rentals in 2023 reflect increased hours from before school rentals and rate increase this fall. 2024 includes new rentals from the new outdoor sheet as well as new sales from Hasse remaining open year-round, which adds an additional 5 months of ice sales. Sales for the new additional months are budgeted conservatively at 50% of what

we currently sell at one of the sheets at Ames during those additional months, but the expectations are that we will most likely exceed this amount.

Gate Share Revenue: Gate share revenues in 2023 are reduced due to online ticket sales fees as well as some reduction in attendance which spiked in 2021 following covid.

Dry-Floor Rentals: The 2023 estimate is actual scheduled events taking place this spring. We do anticipate a substantial increase from added programming on the new outdoor pavilion rink in 2024 but have not yet determined the programming that will take place yet. Activities and events being considered are roller hockey, pickleball, possible turf events, concerts, festivals and other community rentals and events. Those revenues will be added to the 2024 estimate next year.



Total estimated programs and events revenue will be down significantly from budget due to the construction at Hasse Arena. Originally when the 2023 budget was planned the Hasse expansion had not yet been finalized or considered in the 2023 budget. The original budget called for Hasse being open year-round and tournaments being added to our internal programs. We are tentatively planning to add tournaments in 2024 but have chosen to not add them at this time and wait until the 2024 estimate when we have a better idea of their success due to registrations.

Learn to Skate: Over the past several years Learn to skate has seen significant growth in participants and revenue. We have been consistently in the top five for programs in Minnesota. Estimated revenue will be down slightly due to shorter sessions this spring because of available calendar dates and availability of instructors. We will be instituting a \$.50-cent increase per session for the 2024 budget and credit card processing fees will now be paid by the participants when they register starting with 2023 summer registrations.

Public Admissions: Public Admissions (Open Skate & Hockey) have seen a substantial increase this past year since introducing a new club program and adding before and school open stick and puck ice. 2023 estimated is based on our current actual trends. We are budgeting 2024 the same as 2023, but we expect our ice club memberships to grow, which affects our public walk-in sales.

Internal Programs: Estimated internal programs have been reduced significantly due to our new tournament business plans getting pushed back due to construction. As mentioned earlier we are waiting to add tournament revenue during the 2024 estimated budget next year.

Learn to Skate Detail

2024 Budget

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter - Dec Revenue	295	12.5	8	\$29,500	\$11,941	\$17,559	56	\$14,560	\$2,999
Spring - Mar Revenue	302	12.5	8	\$30,200	\$8,991	\$21,209	56	\$10,640	\$10,569
Summer - Jun Revenue	150	12.5	8	\$15,000	\$7,361	\$7,639	24	\$4,560	\$3,079
Fall - Sep Revenue	210	12.5	8	\$21,000	\$13,199	\$7,801	56	\$14,840	(\$7,039)
Total	957			\$95,700	\$41,491	\$54,209	192	\$44,600	\$9,609

2023 Estimated

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter - Dec Revenue	295	12	8	\$28,320	\$11,593	\$16,727	56	\$14,000	\$2,727
Spring - Mar Revenue	302	12	6.5	\$23,556	\$8,729	\$14,827	56	\$10,080	\$4,747
Summer - Jun Revenue	150	12	8	\$14,400	\$7,146	\$7,254	24	\$4,320	\$2,934
Fall - Sep Revenue	210	12	8	\$20,160	\$12,814	\$7,346	56	\$14,560	(\$7,214)
Total	957			\$86,436	\$40,283	\$46,153	192	\$42,960	\$3,194

2022 Actual

Session	Kids	Rate	Sessions	Gross	Staff	Gross Profit	Ice Hrs	Ice Cost	Net Profit
Winter	275	12	8	\$26,400	\$12,925	\$13,475	56	\$13,720	(\$245)
Spring	273	12	8	\$26,208	\$8,475	\$17,733	56	\$9,800	\$7,933
Summer	144	12	8	\$13,824	\$6,938	\$6,886	24	\$4,200	\$2,686
Fall	207	12	8	\$19,872	\$12,441	\$7,431	56	\$14,000	(\$6,569)
Total	899			\$86,304	\$40,779	\$45,525	192	\$41,720	\$3,805

2021 Actual

Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	185	11.38	8	\$16,835	\$6,253	\$10,582	56	\$13,720	(\$3,138)
Spring	195	11.38	8	\$17,745	\$5,434	\$12,311	56	\$9,800	\$2,511
Summer	108	11.38	8	\$9,828	\$5,093	\$4,735	24	\$4,200	\$535
Fall	235	11.38	8	\$21,385	\$15,774	\$5,611	56	\$14,000	(\$8,389)
Total	723			\$65,793	\$32,554	\$33,239	192	\$41,720	(\$8,481)

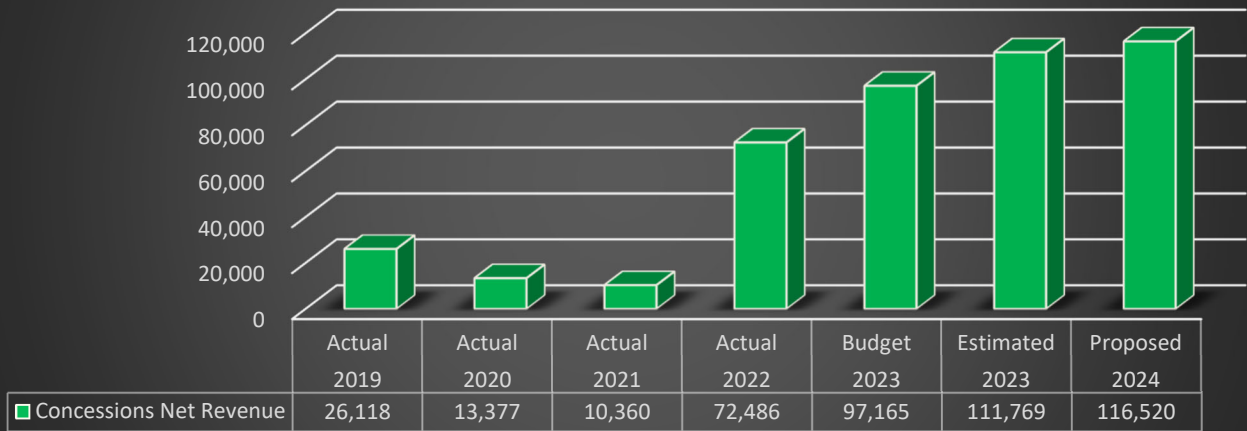
2020 Actual

Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	318	11.12	8	\$22,642	\$8,494	\$14,148	56	\$13,160	\$988
Spring	0	11.12	8	\$0	\$0	\$0	0	\$0	\$0
Summer	38	11.12	8	\$2,706	\$2,887	(\$181)	24	\$4,080	(\$4,261)
Fall	0	11.12	8	\$0	\$0	\$0	0	\$0	\$0
Total	356			\$25,347	\$11,381	\$13,967	80	\$17,240	(\$3,273)

2019 Actual

Session	Kids	Rate	Sessions	Gross -P&R	Staff	Net	Ice Hrs	Ice Cost	Net Profit
Winter	292	11.12	8	\$20,790	\$5,952	\$14,838	56	\$12,880	\$1,958
Spring	232	11.12	8	\$16,518	\$6,235	\$10,283	56	\$9,240	\$1,043
Summer	84	11.12	8	\$5,981	\$4,255	\$1,726	24	\$3,960	(\$2,234)
Fall	213	11.12	8	\$15,166	\$9,210	\$5,956	56	\$13,160	(\$7,204)
Total	821			\$58,455	\$25,652	\$32,803	192	\$39,240	(\$6,436)

CONCESSIONS REVENUE



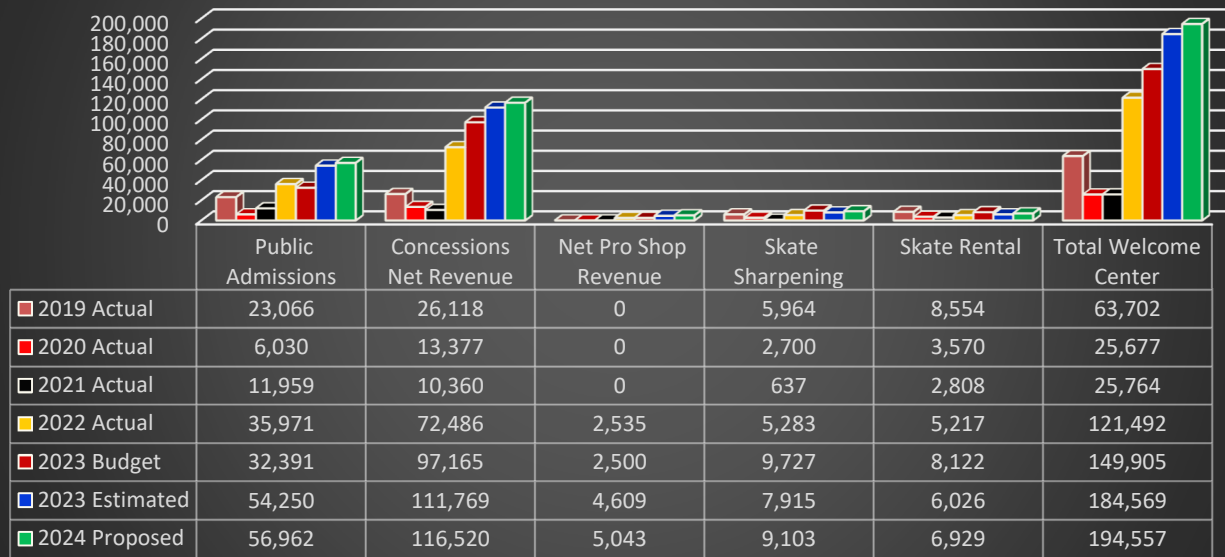
Concessions expansion at Ames & Hasse will continue with renovations and product expansion designed to further increase revenue and profits. 2023 estimated will exceed budget and is based on current actual results and trends. 2024 is budgeted conservatively at a 15% increase in net revenue but should exceed those expectations with the new outdoor rink and expanded indoor season at Hasse Arena. Net revenue = sales less cost of goods, it does not include labor.

PRO SHOP REVENUE



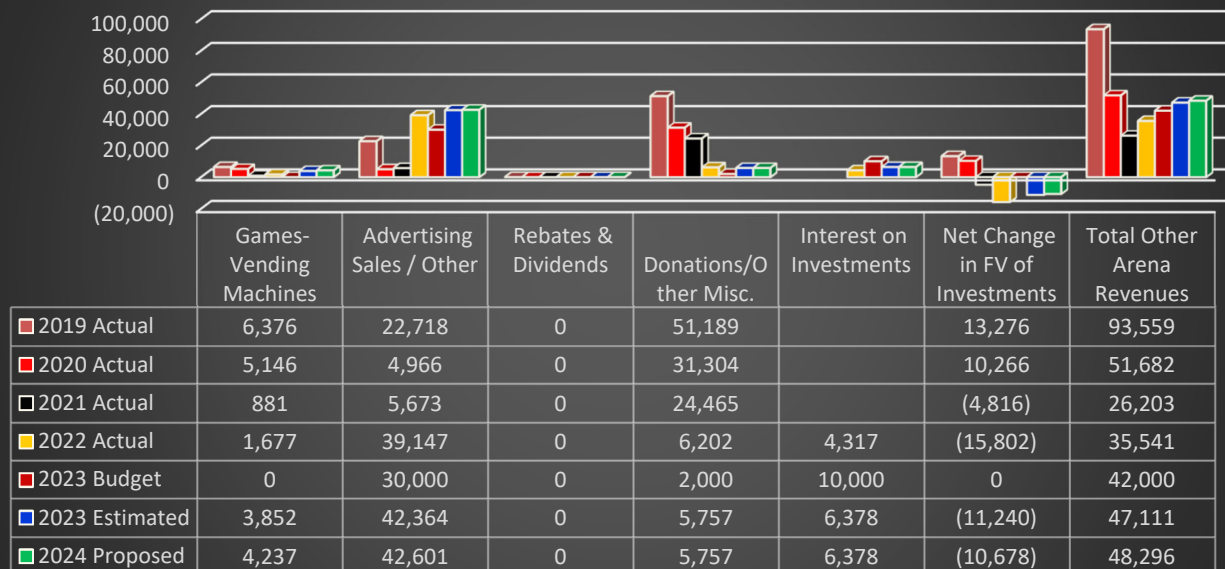
Pro Shop Operations in 2023 were below expectations for various reasons, but ultimately concessions took off much stronger and faster than expected even though there was a lack of time and focus to expand this area of our welcome center operations. Therefore, the estimated revenue is expected to be below budget. 2024 revenue is budgeted with a 15% increase over 2023 estimated revenue.

COMBINED WELCOME CENTER REVENUES



Prior to 2021, the pro-shop and concessions were operated from separate locations at each of the arenas. In 2021 we centralized both operations in one location to reduce the amount of part time employees needed to operate and keep those employees busy and productive. In 2022, we started expanding these areas with new hours, equipment, products, and services, and setting new aggressive revenue goals. In 2022, we nearly doubled the revenue from the all-time high of 63k set in 2019. 2023 Estimated revenues are expected to exceed budget by approximately 35,000 for a high of \$184,000. 2024 is being budgeted conservatively at \$195,000 and will be adjusted in the 2024 estimate when we have a better idea of what the actual increase will be from improvements to these areas and the expanded outdoor rink and seasons at Hasse Arena. The goal of the new welcome center was and is to generate enough revenue and profits to cover the cost of all part-time employees and cleaning services necessary to provide the highest level of customer service, cleanliness, products, amenities, and services for our customers.

OTHER MISCELLANEOUS REVENUES



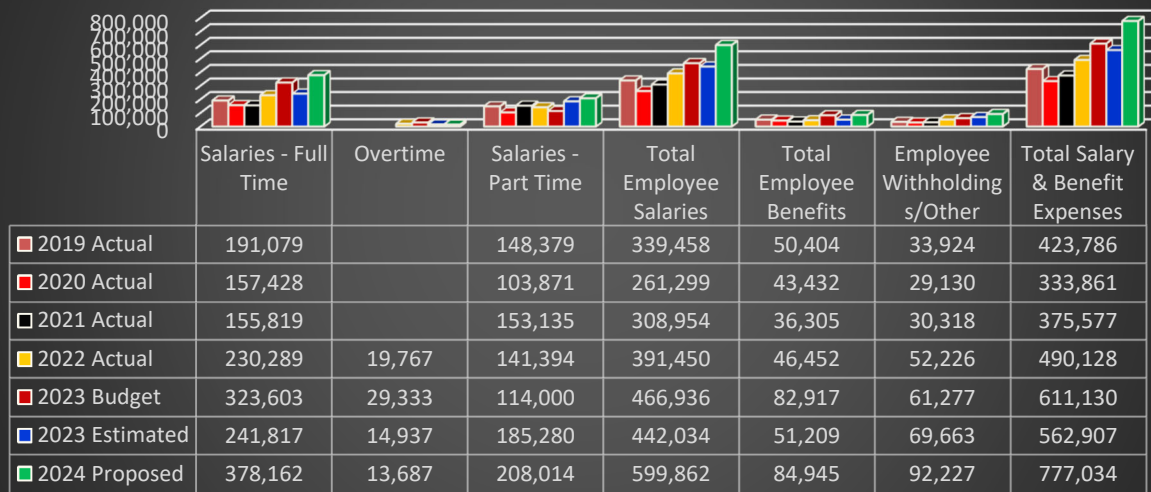
Our new advertising program has been very successful and well received by advertisers. We now donate 15% of the revenue in the advertiser's name to our local anchor customers, who include LHA, Heritage Figure Skating, and the booster clubs for both the north and south boys & girls high school hockey teams. We are budgeting conservatively in 2024 as we do expect some turnover to begin as most of the current leases that were sold after covid and will be ending in 2024. Advertising rates will also be increasing.

REVENUE DETAIL

	2019	2020	2021	2022	2022	2022	2023	2023
	Actual	Actual	Actual	Amended Budget	Actual	Budget Variance	Budget	Estimated
Ice & Facility Rentals								
Ice Rental - LHA	429,757	370,475	483,260	539,960	477,840	(62,120)	477,919	511,550
Ice Rental - ISD 194	196,751	197,062	254,064	220,392	210,124	(10,268)	201,712	209,778
Ice Rental Other	287,498	61,172	228,408	341,606	402,052	60,446	413,082	429,295
ISD 194 HS Game Gate Share	37,339	27,608	14,749	46,193	43,950	(2,243)	47,148	39,110
Dry floor Rentals	17,553	9,245	5,113	19,378	20,021	643	14,100	9,749
Total Ice & Facility Rentals	968,898	665,562	985,594	1,167,529	1,153,987	(13,542)	1,153,961	1,199,482
Increase/decrease	(25,682)	(303,336)	320,032	181,935	168,393		(26)	45,521
Programing & Events Revenue								
Learn to Skate	62,503	33,128	73,061	79,507	85,253	5,746	91,773	86,544
Public Admissions	23,066	6,030	11,959	39,922	35,971	(3,952)	32,391	54,250
Internal Programs	-	-	-	-	17,996	17,996	109,296	29,641
Total Programs & Events Revenue	85,569	39,158	85,020	119,429	139,220	19,791	233,460	170,434
Increase/decrease	9,474	(46,411)	45,862	34,409	54,200		94,240	(63,026)
Concessions Sales								
Gross Food & Beverage Sales	26,118	13,377	10,360	80,282	72,486	(7,796)	97,165	146,669
(Cost of Goods Sold)	-	-	-	-	-	-	-	(34,900)
Concessions Net Revenue	26,118	13,377	10,360	80,282	72,486	(7,796)	97,165	111,769
Increase/decrease	984	(12,741)	(3,017)	69,922	62,126		24,679	14,604
Pro Shop Products & Services								
Gross Pro Shop Product Sales	-	-	-	936	2,535	1,599	2,500	7,884
Pro Shop Cost of Goods Sold	-	-	-	-	-	-	-	(3,275)
Net Pro Shop Revenue	-	-	-	936	2,535	1,599	2,500	4,609
Skate Sharpening	5,964	2,700	637	5,477	5,283	(194)	9,727	7,915
Skate Rental	8,554	3,570	2,808	5,333	5,217	(116)	8,122	6,026
Total Pro Shop Products & Services	14,518	6,270	3,445	11,746	13,035	1,289	20,349	18,550
Increase/decrease	(29)	(8,248)	(2,825)	8,301	9,590		7,314	(1,799)
Other Misc. Arena Revenues								
Games-Vending Machines	6,376	5,146	881	1,122	1,677	555	-	3,852
Advertising Sales / Other	22,718	4,966	5,673	30,708	39,147	8,439	30,000	42,364
Donations/Other Misc.	51,189	31,304	24,465	7,962	6,202	(1,760)	2,000	5,757
Interest on Investments	-	-	-	3,917	4,317	400	10,000	6,378
Net Change in FV of Investments	13,276	10,266	(4,816)	(19,727)	(15,802)	3,925	-	(11,240)
Cash Over/(Short)	-	-	-	-	-	-	-	-
Total Other Arena Revenues	93,559	51,682	26,203	23,982	35,541	11,559	42,000	47,111
Increase/decrease	50,922	(41,877)	(25,479)	(2,221)	9,338		6,459	5,111
Total Revenues	1,188,662	776,049	1,110,622	1,402,968	1,414,268	11,300	1,546,935	1,547,347
Increase/decrease	35,669	(412,613)	334,573	292,346	303,646		132,667	412

2023 ESTIMATED & 2024 BUDGET EXPENDITURES

SALARIES & BENEFITS

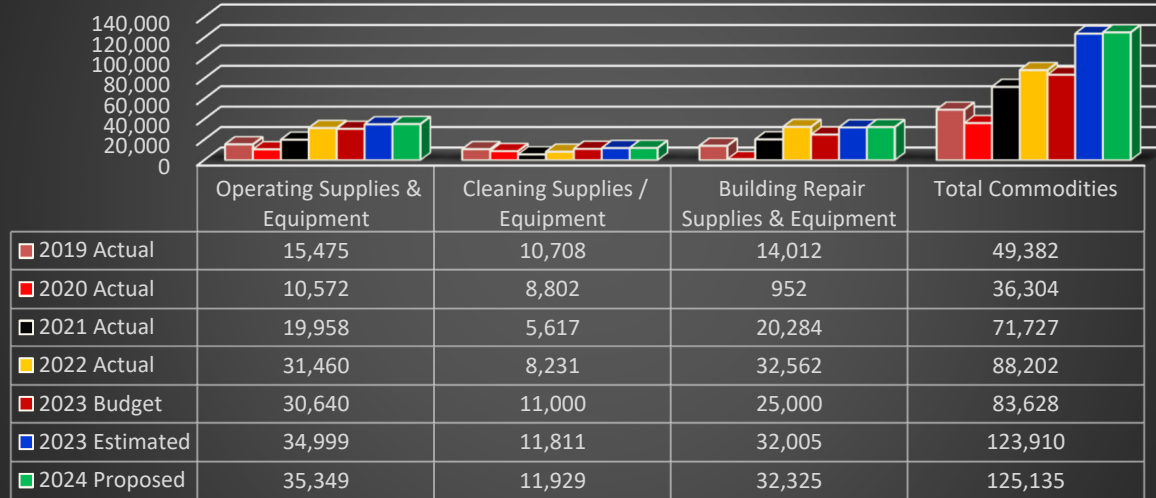


After the pandemic, the labor shortage that occurred and continues today has affected Lakeville Arenas significantly. Hiring for part time driver positions has been especially difficult and continues today, even after the 2021 increases made to the salary plans to be more competitive in the marketplace. One of the reasons for the now successful revenue expansion goals started in 2022 and moving forward is to provide year-round workloads so that we can transition from seasonal temporary supervisors and drivers to full-time. This will help us resolve our labor shortage for drivers but more importantly provide a much more consistent, experienced, and knowledgeable workforce that can better maintain our facilities and equipment, as well as meet our customer's needs.

In 2022, we transitioned to full-time driver supervisors but held off on the driver-lead worker positions because of the upcoming construction. Those positions will now be added at the end of 2023, which will result in the 2023 estimated labor being approximately \$50,000 below the 2023 budget. The 2024 budget has 6 FTEs, which will begin to operate both Ames and Hasse year-round in 2024. The 6 positions will include a General Manager, an Operations Manager, 2 Supervisor-Drivers, and 2 Driver-Lead Operations workers.

SALARIES AND BENEFIT DETAIL	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Employee Salary Expenses							
Salaries - Full Time	191,079	157,428	155,819	230,289	323,603	241,817	378,162
Overtime	-	-	-	19,767	29,333	14,937	13,687
Salaries - Part Time	148,379	103,871	153,135	141,394	114,000	185,280	208,014
Total Employee Salaries	339,458	261,299	308,954	391,450	466,936	442,034	599,862
Employee Benefit Expenses							
PERA	14,348	18,205	17,635	23,986	24,263	20,756	29,757
Hospitalization	33,718	23,368	16,874	20,484	53,790	26,531	47,220
Life and Disability	99	96	151	138	896	267	528
Long Term Disability	383	324	300	457	788	912	1,824
Dental Insurance	1,856	1,439	1,345	1,294	3,180	2,515	5,136
FSA	-	-	-	93	-	228	480
Total Employee Benefits	50,404	43,432	36,305	46,452	82,917	51,209	84,945
Employee Withholdings-Other Expenses							
FICA	25,162	19,509	23,625	29,912	33,469	34,708	46,198
Workers Compensation	8,762	9,380	6,693	11,846	-	10,468	10,468
Unemployment Compensation	-	241	-	10,468	13,944	13,905	17,444
Payroll Contingency	-	-	-	-	13,864	10,582	18,117
Employee Withholdings/Other	33,924	29,130	30,318	52,226	61,277	69,663	92,227
Total Salary & Benefit Expenses	423,786	333,861	375,577	490,128	611,130	562,907	777,034
Increase/decrease	7,453	(89,925)	41,716	114,551	121,002	(48,223)	214,127

COMMODITIES



Commodities represent supplies and equipment that are necessary to operate as well as supplies for repair and maintenance that is performed by Arenas Staff. There are 3 major categories, the first is operating supplies & equipment, which include rink supplies such as ice paint and nets, learn to skate supplies for classes and instructors, concessions and pro shop equipment and repair supplies, and general supplies for programming and events. Cleaning supplies is the second major category, and third is building repair supplies & equipment.

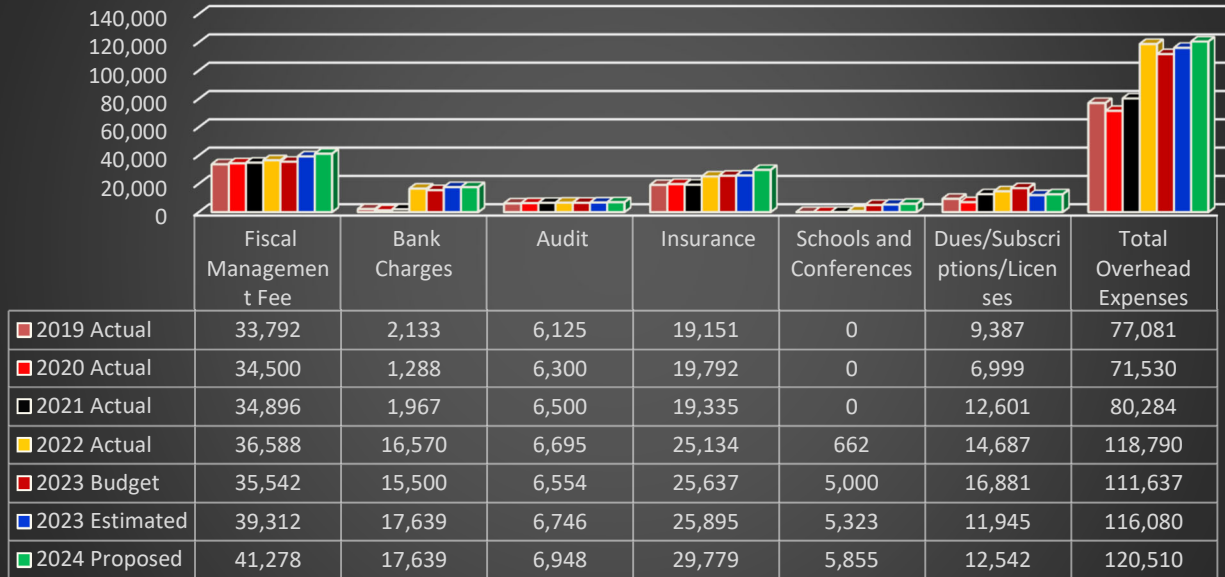
Another benefit to our expanded revenue goals and successful growth has been the ability to repair, update, and replace aging equipment and building components without the need for additional capital or paying higher contractor prices. Starting in 2021 when the increased revenues began, we have been able to make many improvements throughout the facilities ourselves that have benefited our customers as well as helped us increase our revenues even further.

In 2023, we will be making renovations and adding equipment to both the Ames and Hasse concessions, which will help increase revenue even further. We are installing new waterhog carpeting in the entrances at both Ames and Hasse which will eliminate the old unsanitary slotted floors and will better prevent corrosive slat from getting into the buildings and on our rubber floors. We have paint and building supplies included to rebrand Hasse in south colors like we did Ames in north colors during the 2021 renovations. In 2024 we have budgeted for similar projects.

COMMODITIES DETAIL

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
COMMODITIES							
Office Supplies / Equipment	3,005	3,419	3,716	3,731	1,000	3,839	3,877
Operating Supplies & Equipment	15,475	10,572	19,958	31,460	30,640	34,999	35,349
Motor Fuels	565	223	463	872	1,500	1,291	1,304
Cleaning Supplies / Equipment	10,708	8,802	5,617	8,231	11,000	11,811	11,929
Clothing	2,473	-	4,851	36	2,500	2,500	2,525
Chemicals (Condensing Towers)	-	-	-	-	-	6,000	6,060
Safety Supplies & Equipment	-	11,495	1,973	1,356	788	1,379	1,379
Equipment Parts & Supplies	2,688	541	2,549	758	3,700	1,200	1,212
Tires	-	-	-	-	-	-	-
Building Repair Supplies & Equipment	14,012	952	20,284	32,562	25,000	32,005	32,325
Parking Lot Maintenance Supplies	-	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	-	-	-	7,000	7,070
Signs (Advertising Sales Sign Expenses)	-	-	-	-	-	6,000	6,060
Small Tools/Equipment	305	260	5,432	4,957	2,500	11,500	11,615
Computer Supplies	151	40	6,884	4,239	5,000	4,386	4,430
Total Commodities	49,382	36,304	71,727	88,202	83,628	123,910	125,135
Increase/decrease	(1,186)	(13,078)	35,422	16,475	(4,574)	40,282	1,225

ADMINISTRATION & OVERHEAD EXPENSES



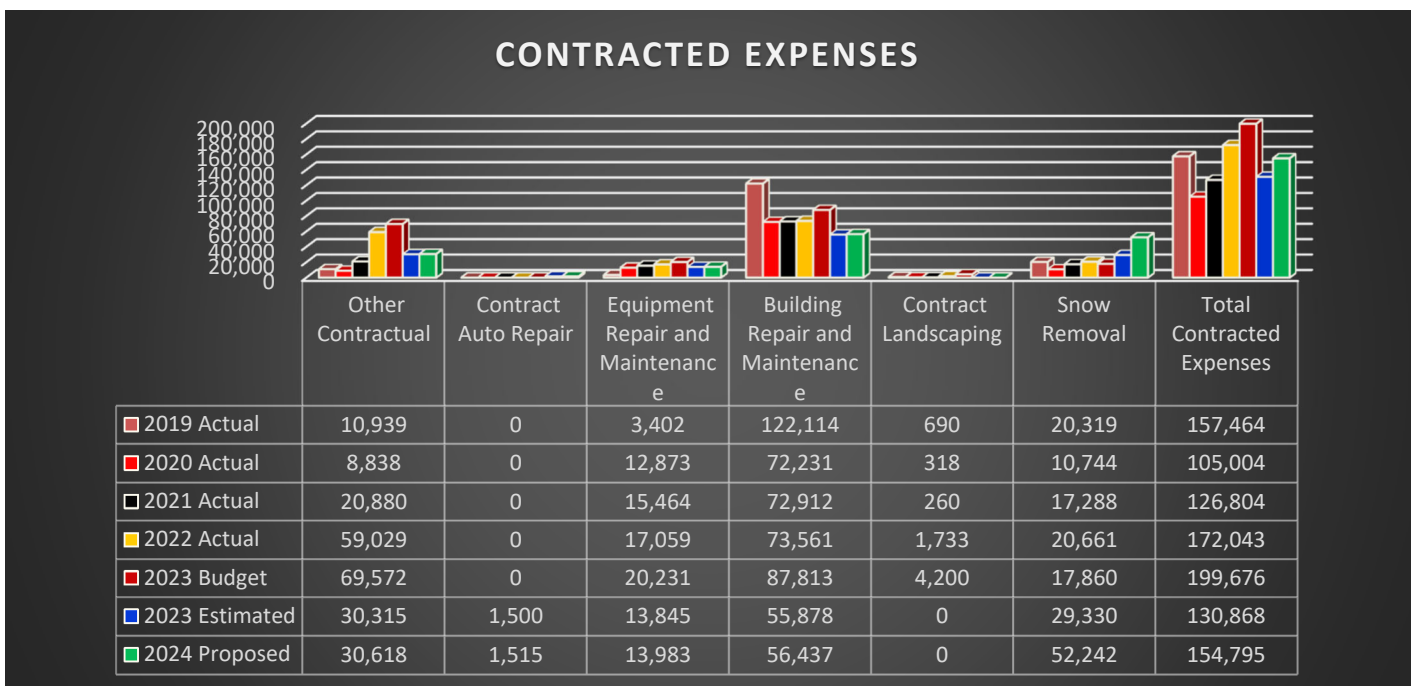
The primary administration and overhead expenses for Lakeville Arenas consist of a fiscal management fee that Lakeville Arenas pays to the City of Lakeville to provide accounting & HR management oversight, auditing, and reporting, bank charges from credit card processing fees, annual audit expenses, insurance, and dues and subscriptions, which consist of items such as our ice scheduling platform, point of sale system, and other subscription-based services. Other areas include schools and training expenses, conferences, and licenses.

Bank charges became a significant expense in 2022 due to credit card processing fees associated with online learn to skate registrations, increased concessions sales, and pro-shop sales. We are changing to a new cheaper point of sale platform in 2023 to help reduce some of these fees and our Learn to Skate participants will now pay for their credit card processing fees when they register online. Because of the expected and continued revenue growth offsetting the savings we are expecting from these changes we are not estimating or budgeting a reduction but rather planning for the expense to hold steady in 2024.

Our insurance premiums saw a significant increase in 2022 after the renovations and upgrades that were done during the 2021 Apex Energy Improvement Renovations. We are budgeting a similar increase in 2024 due to the Hasse rink addition and ice plant upgrade taking place this year.

ADMINISTRATION AND OVERHEAD DETAIL

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Professional Services Expenses							
Professional Fees	-	-	-	-	-	-	-
Attorney Fees	-	1,470	-	-	-	-	-
Fiscal Management Fee	33,792	34,500	34,896	36,588	35,542	39,312	41,278
Bank Charges	2,133	1,288	1,967	16,570	15,500	17,639	17,639
Audit	6,125	6,300	6,500	6,695	6,554	6,746	6,948
Advertising (Old Dashers/New Media Expense)	6,247	1,169	4,985	6,407	6,220	-	-
Insurance	19,151	19,792	19,335	25,134	25,637	25,895	29,779
Postage & Shipping	16	-	-	-	-	-	-
Total Professional Expenses	67,464	64,519	67,683	91,394	89,453	89,592	95,644
Training & Education Expenses							
Tuition Reimbursement	-	-	-	-	-	-	-
Schools and Conferences	-	-	-	662	5,000	5,323	5,855
Total Education Expenses	-	-	-	662	5,000	5,323	5,855
Other Admin & Overhead Expenses							
Use of Personal Auto	230	12	-	122	303	712	712
Misc. Expenses (Commissions-Donations)	-	-	-	11,925	-	4,236	4,279
Dues/Subscriptions/Licenses	9,387	6,999	12,601	14,687	16,881	11,945	12,542
Licenses & Taxes	-	-	-	-	-	2,823	-
Total Other Overhead Expenses	9,617	7,011	12,601	26,734	17,184	21,166	19,011
Total Overhead Expenses	77,081	71,530	80,284	118,790	111,637	116,080	120,510
Increase/decrease	2,912	(5,551)	8,754	38,506	(7,153)	4,443	4,430



Contracted expenses include repairs, maintenance, and other services that are performed by outside contractors.

Other contractual includes expenses such as inspections for fire alarm and sprinkler systems, salt service for our water softeners, cleaning services, and other miscellaneous agreements such as our fundraising agreement with Heritage Figure Skating Club to provide workers for our concessions stands during high school games and tournaments. In 2023 and 2024 we are cutting our outside restroom and bleacher cleaning services and will have our staff taking over these responsibilities. That expense in 2022 was approximately \$30,000.

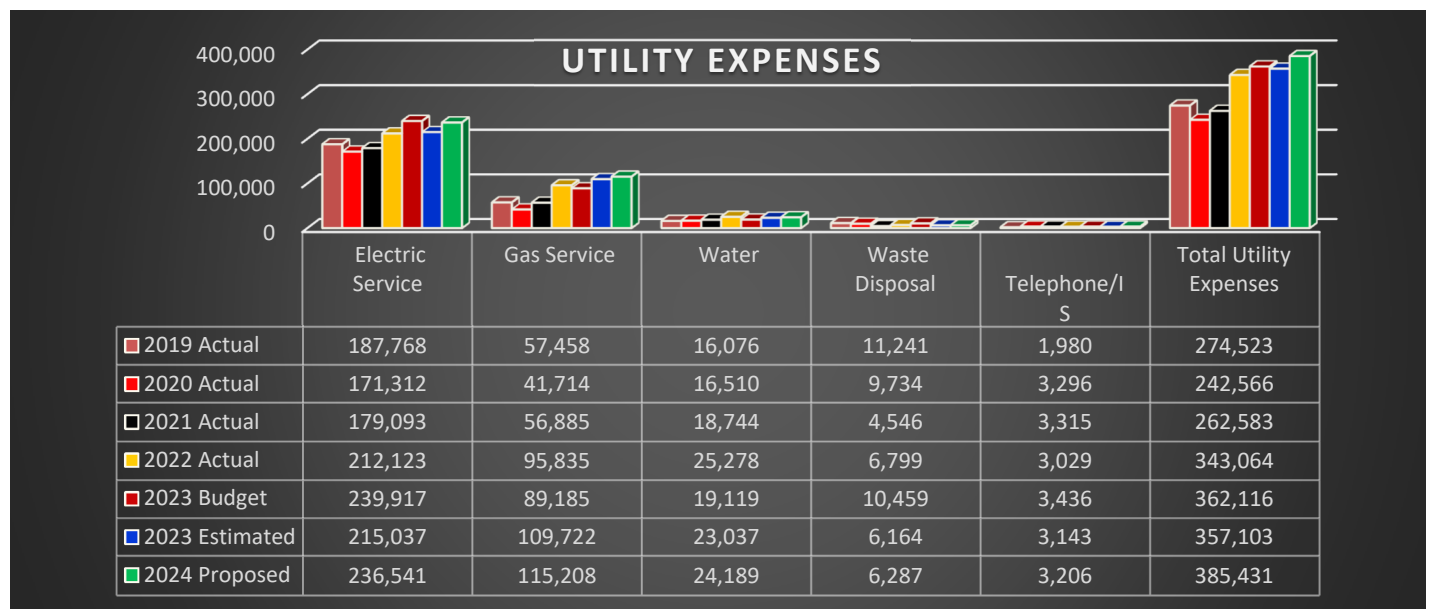
Equipment repairs are estimated and budgeted lower because we are replacing the battery packs in one of our Zambonis, which resulted in multiple emergency service calls this past winter and a spike in equipment expenses in 2022. The new battery packs are also over \$5,000 and will be accounted for under other capital equipment as recommended by our auditors.

Building repair and maintenance is also expected to be down similar to equipment repairs due to increased emergency repairs to the Hasse ice plant the past couple years and the replacement of one of our Zamboni garage doors that has failed, which will also be accounted for under other building capital improvements.

Snow removal is estimated using last season's actuals with higher-than-normal snowfalls and has impacted 2023 significantly this year. 2024 has additional expense budgeted for the snow removal for the outdoor rink and moving the snow being dumped outside by the Zamboni.

CONTRACTED DETAIL

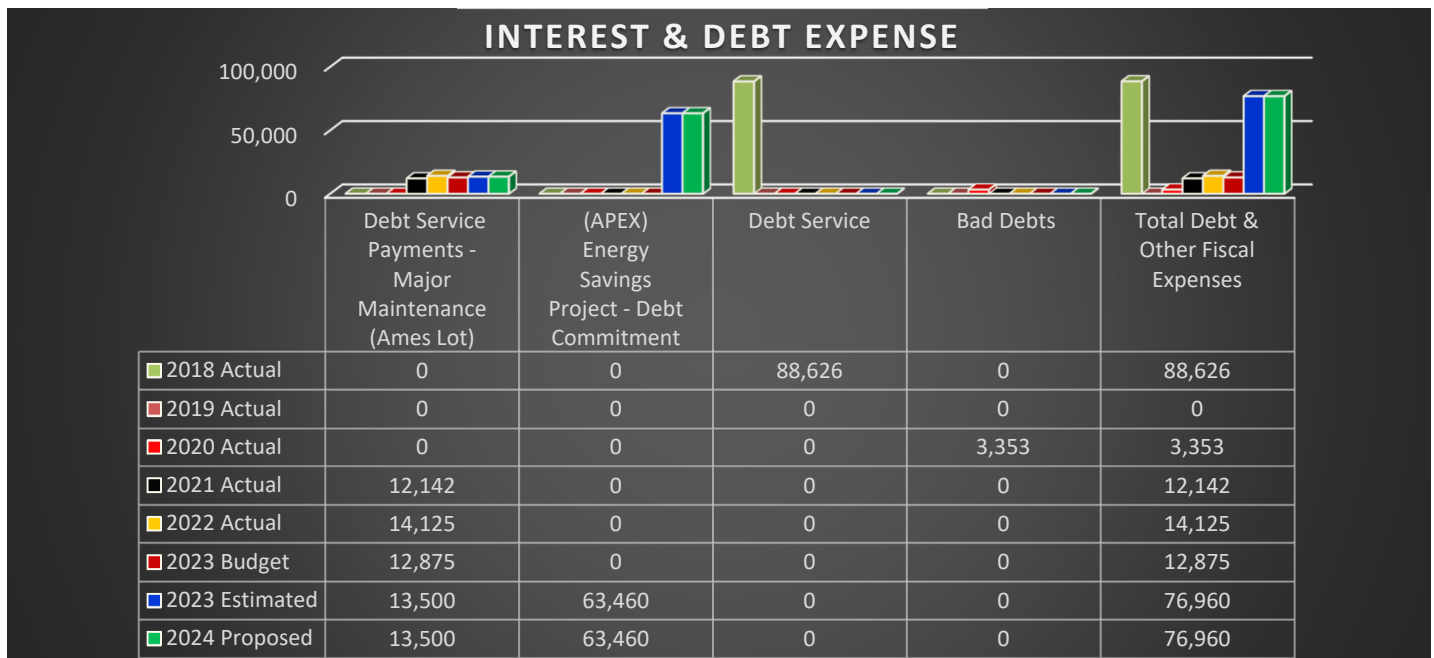
	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Contracted Expenses							
Other Contractual	10,939	8,838	20,880	59,029	69,572	30,315	30,618
Equipment Repair and Maintenance	3,402	12,873	15,464	17,059	20,231	13,845	13,983
Building Repair and Maintenance	122,114	72,231	72,912	73,561	87,813	55,878	56,437
Contract Landscaping	690	318	260	1,733	4,200	-	-
Snow Removal	20,319	10,744	17,288	20,661	17,860	29,330	52,242
Total Contracted Expenses	157,464	105,004	126,804	172,043	199,676	130,868	154,795
Increase/decrease	61,635	(52,460)	21,800	45,239	27,633	(68,808)	23,927



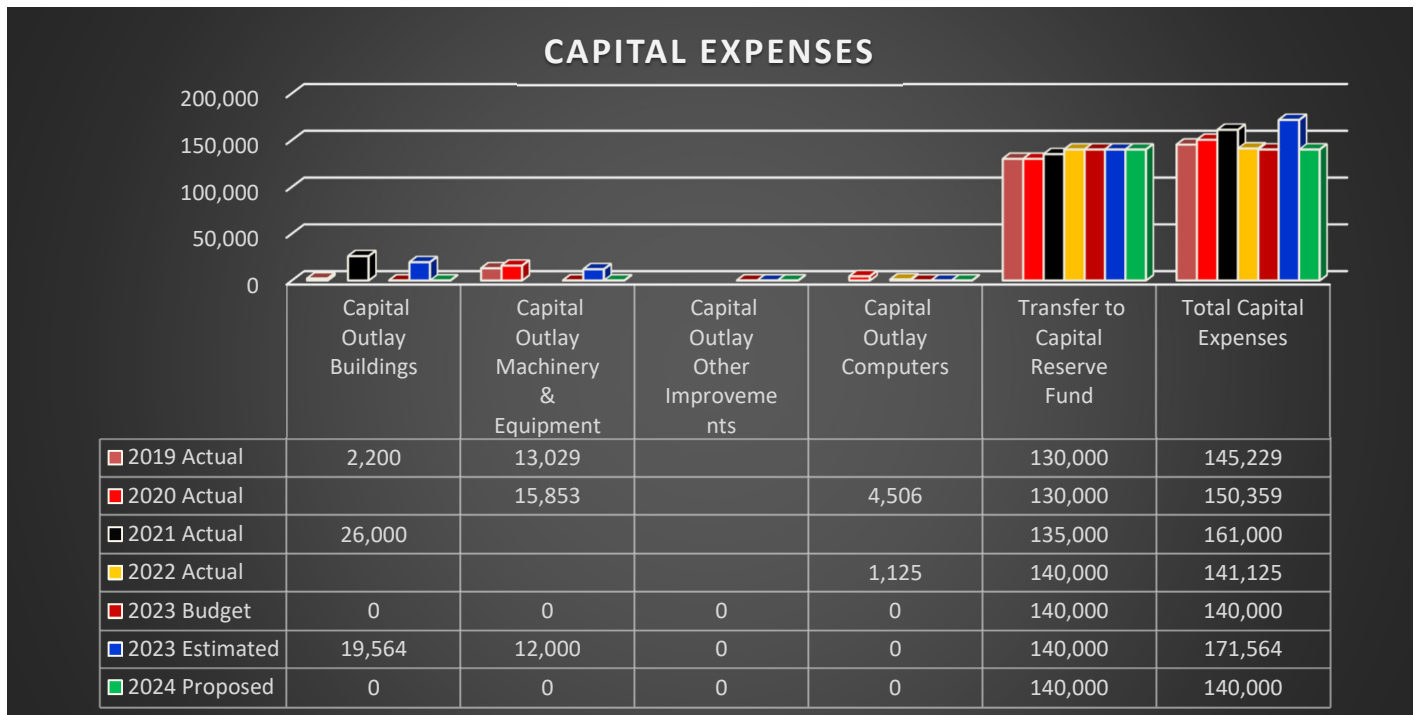
Electric, gas, and water expenses all saw significant increases in 2022. We are estimating a 5% increase in 2023. In 2024, we are budgeting a 10% increase in electric to account for the added expense of the new outdoor rink. The new ammonia ice plant will also create some savings so with that we believe the 10% increase should be sufficient to cover extra refrigeration expenses that we will incur at Hasse in 2024.

Utility Service Expenses

Electric Service	187,768	171,312	179,093	212,123	239,917	215,037	236,541
Gas Service	57,458	41,714	56,885	95,835	89,185	109,722	115,208
Utility Energy Savings (APEX)	-	-	-	-	-	(63,460)	-
Water	16,076	16,510	18,744	25,278	19,119	23,037	24,189
Waste Disposal	11,241	9,734	4,546	6,799	10,459	6,164	6,287
Telephone/IS	1,980	3,296	3,315	3,029	3,436	3,143	3,206
Total Utility Expenses	274,523	242,566	262,583	343,064	362,116	293,643	385,431
Increase/decrease	(13,940)	(31,957)	20,017	80,481	19,052	(68,473)	91,788

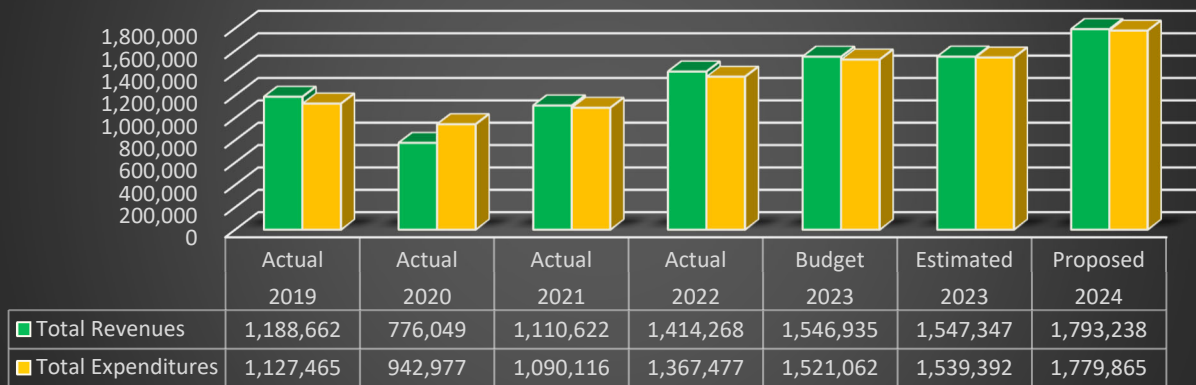


In 2023, we are adding a debt service commitment payment in the amount of 63,400 which was the guaranteed savings amount of the Apex energy Improvement Project completed in 2021. This payment was agreed to by the board when the project was approved and will help the city and school district make the bond payments for the project.

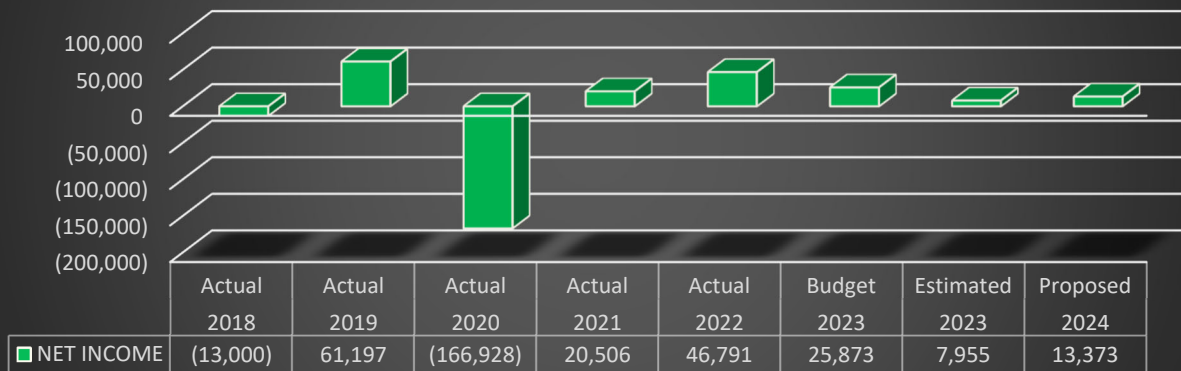


The 2023 expense estimated for the Zamboni door at Ames being replaced is added to capital outlay buildings and the batteries being replaced in the Hasse Zamboni added to capital outlay equipment. The estimated and budgeted capital transfer to the reserve fund will remain at 140k for each year.

TOTAL REVENUE & EXPENSES



NET PROFIT



Operating Fund Balance

Arena revenues are highly cyclical with revenues exceeding expenditures in the months of November through April. However, in the months of May through October, expenditures tend to exceed revenues. Cash balances are at their lowest in October and early November. As such, it is important that the fund balances at the beginning of the year are adequate to provide sufficient working capital to sustain operations through the first 10 months of the year.

The proposed budget results in an estimated ending balance of \$470,834 for 2023 and \$484,207 in 2024.

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed
Fund Balance Beginning of Year	501,313	562,510	395,582	416,088	462,879	462,879	534,294
Fund Balance End of Year	562,510	395,582	416,088	462,879	488,752	534,294	547,667

Capital Reserve Fund

The purpose of the Capital Reserve Fund is to provide a financial framework for replacement of the arena infrastructure as it ages including, but not limited to, ice resurfacers, HVAC equipment, dehumidification, refrigeration systems, and other major expenses not afforded in the annual operating budget.

LAKEVILLE ARENA RESERVE FUND	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Adopted	2023 Estimate	2024 Proposed	2025 Projected
Revenues								
Transfers from Operating Fund	130,000	130,000	135,000	140,000	140,000	140,000	140,000	140,000
Other/Grants	17,641	-	-	-	-	-	-	-
Interest on investments	7,225	3,622	2,145	3,464	331	3,464	3,464	3,464
Total revenues	154,866	133,622	137,145	143,464	140,331	143,464	143,464	143,464
Expenditures								
2019 Total Expenditures	270,409	-	-	-	-	-	-	-
2020 Total Expenditures	-	49,662	-	-	-	-	-	-
2021 Total Expenditures	-	-	177,699	-	-	-	-	-
2022 Total Expenditures	-	-	-	58,321	-	-	-	-
Dasher Boards - Hasse (2023)	-	-	-	-	-	320,000	-	-
Zamboni - Ames (Jan 2025)	-	-	-	-	-	-	-	210,000
Total Capital Projects	270,409	49,662	177,699	58,321	-	320,000	-	210,000
Net increase/(decrease)	(115,543)	83,960	(40,554)	85,142	140,331	(176,536)	143,464	(66,536)
Balance January 1	332,503	216,960	300,920	260,366	330,626	330,626	154,090	297,553
Balance December 31	216,960	300,920	260,366	345,508	470,957	154,090	297,553	231,017

Transfer to Capital Reserve Fund. The transfer of \$140,000 to the capital reserve fund will be continued in 2024.

We were originally planning to purchase a new set of dasher boards for Hasse in 2023. However, when the outdoor rink construction was approved it produced a need for second Zamboni, which has been ordered in place of purchasing the new boards for Hasse. When the order was recently placed, we were informed that the lead time and delivery for it was over a year and a half or more, so we do not expect delivery until late 2024 or Jan 2025. As we were working on the 2023 estimate and 2024 budget we reached out for an inspection and quote to repair the boards to get us through another 1-2 years. The inspection discovered far more defects than expected and the costs to repair them is approximately \$58,000, which we do not have room for in the operating budget. We are proposing that due to the late arrival of the Zamboni that we amend the 2023 budget to install a new set of dasher boards at Hasse while the ice is still out this summer for construction since the Zamboni capital will not be needed until late 2024 or early 2025.

Arena Debt

The Hasse Arena construction was originally financed with a Lease Revenue Bond issued by the Lakeville Housing and Redevelopment Authority in 2006. The debt is being repaid with property taxes levied by the City of Lakeville and Independent School District 194. The 2006 bonds were advance refunded by HRA Lease Revenue Refunding Bonds, Series 2016A. The HRA2016A debt was refunded in April 2022. See details below.

In June 2020, the Lakeville City Council authorized the issuance of debt (approximately \$770,000) for the Ames Arena parking lot improvements. The competitive sale took place on July 20 and closed on August 13. The bonds were issued with a premium of \$145,777 which were used to reduce the amount of debt issued to \$620,000. True interest cost was 0.83%. The debt principal will be paid by contributions from the Lakeville Hockey Association (LHA) and the Heritage Figure Skating Club (HFSC). The interest will be paid by Lakeville Arenas. Staff will be calculating an allocation of the premium so LHA and HFSC will be paying the par plus premium.

On November 16, 2020, the Lakeville City Council authorized the issuance of debt (approximately \$8 million) to fund the APEX energy savings improvement projects at both the Hasse and Ames Arenas. The competitive sale took place on January

19, 2021 and closed on February 16, 2021. The bonds were issued with a premium of \$313,284 which was used to reduce the amount of debt issued to \$7,770,000. True interest cost was 1.48%. The debt will be repaid using property taxes and revenues received from Independent School District #194 per a Joint Powers Agreement approved in August 2020. Per the JPA the debt and debt-related costs are paid 50/50 by the City and ISD#194.

On February 7, 2022, the City Council authorized the issuance of Taxable General Obligation Bonds, Series 2022B, to refund the HRA Lease Revenue Refunding Bonds, Series 2016A (noted above) and provide funding for constructing a new outdoor rink at the Hasse Arena. The sale of the bonds was held on March 7, 2022 and closed on April 5, 2022. True interest cost was 2.69%. The refunding resulted in savings of approximately \$130,000 over the term of the bonds. An amended and restated joint powers agreement to address the payment of the refunding portion of the 2022B bonds was approved by ISD#194 and the City of Lakeville in February 2022. Agreements are finalized with Lakeville Hockey Association (LHA) and Heritage Figure Staking Club (HFSC) for additional contributions to be used for debt repayment of the bonds issued for the new outdoor rink.

Conclusion

We are confident that we are well positioned to implement the 2024 budget as proposed and have alternate plans in place for any unforeseen circumstances that could arise and affect the outcome of the budget in a negative manner. We have expected increases to revenues from the addition of tournaments and dry-floor activities and events on the outdoor rink that have not been included in the 2024 proposed budget at this time due to the difficulty in forecasting them without historical experience or data. In addition, the new ice rental revenues expected from having Hasse open year-round were budgeted conservatively at 50% of typical use for the same reasons. Therefore, we do expect the net revenue to be higher than currently proposed and will update it next spring in the 2024 estimate.

The proposed operating budget is consistent with the purpose of the Joint Powers Agreement to "...operate and manage the Arena Complex in the best interests of the community." The organization will continue its efforts to undertake entrepreneurial endeavors to maximize the return on the public investment.

Respectfully submitted,



Joe Bergquist
Arenas General Manager

**LAKEVILLE ARENAS
STATEMENT OF REVENUE AND EXPENSE**

	2022	2023	2023	2024	2025	2026	2027	2028
	Actual	Budget	Estimated	Proposed	Projected	Projected	Projected	Projected
OPERATING REVENUE								
Ice Rental - LHA	477,840	477,919	511,550	583,853	601,368	619,409	637,991	657,131
Ice Rental - ISD 194	210,124	201,712	209,778	226,919	233,726	240,738	247,960	255,399
Ice Rental Other	402,052	413,082	429,295	563,911	580,829	598,254	616,201	634,687
ISD 194 HS Game Gate Share	43,950	47,148	39,110	39,110	39,501	39,896	40,295	40,698
Dry floor Rentals	20,021	14,100	9,749	9,762	9,957	10,156	10,360	10,567
Learn to Skate	85,253	91,773	86,544	95,708	97,622	99,575	101,566	103,597
Public Admissions	35,971	32,391	54,250	56,962	58,102	59,264	60,449	61,658
Internal Programs	17,996	109,296	29,641	31,123	31,745	32,380	33,028	33,688
Concessions Net Revenue	72,486	97,165	111,769	116,520	118,850	121,227	123,652	126,125
Net Pro Shop Revenue	2,535	2,500	4,609	5,043	5,144	5,246	5,351	5,458
Skate Sharpening	5,283	9,727	7,915	9,103	9,285	9,470	9,660	9,853
Skate Rental	5,217	8,122	6,026	6,929	7,068	7,209	7,354	7,501
Games-Vending Machines	1,677	-	3,852	4,237	4,279	4,322	4,365	4,409
Advertising Sales / Other	39,147	30,000	42,364	42,601	43,027	43,457	43,892	44,331
Rebates & Dividends	-	-	-	-	-	-	-	-
Donations/Other Misc.	6,202	2,000	5,757	5,757	5,815	5,873	5,932	5,991
Interest on Investments	4,317	10,000	6,378	6,378	6,442	6,506	6,571	6,637
Net Change in FV of Investments	(15,802)	-	(11,240)	(10,678)	(10,784)	(10,892)	(11,001)	(11,111)
Cash Over/(Short)	-	-	-	-	-	-	-	-
Total Revenues	1,414,268	1,546,935	1,547,347	1,793,238	1,841,975	1,892,091	1,943,626	1,996,619

OPERATING EXPENSES

Employee Salary Expenses

Salaries - Full Time	230,289	323,603	241,817	378,162	389,507	401,192	413,228	425,625
Overtime	19,767	29,333	14,937	13,687	14,097	14,520	14,956	15,404
Salaries - Part Time	141,394	114,000	185,280	208,014	214,254	220,682	227,302	234,121
PERA	23,986	24,263	20,756	29,757	30,650	31,569	32,516	33,492
Hospitalization	20,484	53,790	26,531	47,220	49,581	52,060	54,663	57,396
Life and Disability	138	896	267	528	544	560	577	594
Long Term Disability	457	788	912	1,824	1,879	1,935	1,993	2,053
Dental Insurance	1,294	3,180	2,515	5,136	5,393	5,662	5,946	6,243
FSA	93	-	228	480	480	480	480	480
FICA	29,912	33,469	34,708	46,198	47,584	49,012	50,482	51,997
Workers Compensation	11,846	-	10,468	10,468	10,782	11,106	11,439	11,782
Unemployment Compensation	10,468	13,944	13,905	17,444	17,967	18,506	19,061	19,633
Payroll Contingency	-	13,864	10,582	18,117	18,660	19,220	19,797	20,391
Total Salary & Benefit Expenses	490,128	611,130	562,907	777,034	801,378	826,504	852,439	879,210

COMMODITIES

Office Supplies / Equipment	3,731	1,000	3,839	3,877	3,955	4,034	4,114	4,197
Operating Supplies & Equipment	31,460	30,640	34,999	35,349	36,056	36,777	37,513	38,263
Motor Fuels	872	1,500	1,291	1,304	1,330	1,357	1,384	1,411
Cleaning Supplies / Equipment	8,231	11,000	11,811	11,929	12,168	12,411	12,659	12,912
Clothing	36	2,500	2,500	2,525	2,576	2,627	2,680	2,733
Chemicals (Condensing Towers)	-	-	6,000	6,060	6,181	6,305	6,431	6,560
Safety Supplies & Equipment	1,356	788	1,379	1,379	1,407	1,435	1,463	1,493
Equipment Parts & Supplies	758	3,700	1,200	1,212	1,236	1,261	1,286	1,312
Tires	-	-	-	-	-	-	-	-
Building Repair Supplies & Equipment	32,562	25,000	32,005	32,325	32,972	33,631	34,304	34,990
Parking Lot Maintenance Supplies	-	-	-	-	-	-	-	-
Landscaping Materials & Equipment	-	-	7,000	7,070	7,211	7,356	7,503	7,653
Signs (Advertising Sales Sign Expenses)	-	-	6,000	6,060	6,181	6,305	6,431	6,560
Small Tools/Equipment	4,957	2,500	11,500	11,615	11,847	12,084	12,326	12,572
Computer Supplies	4,239	5,000	4,386	4,430	4,518	4,609	4,701	4,795
Total Commodities	88,202	83,628	123,910	125,135	127,638	130,190	132,794	135,450

	2022 Actual	2023 Budget	2023 Estimated	2024 Proposed	2025 Projected	2026 Projected	2027 Projected	2028 Projected
OTHER CHARGES & SERVICES								
Admin & Overhead Expenses								
Professional Services Expenses								
Fiscal Management Fee	36,588	35,542	39,312	41,278	42,103	42,945	43,804	44,680
Bank Charges	16,570	15,500	17,639	17,639	17,992	18,352	18,719	19,093
Audit	6,695	6,554	6,746	6,948	7,087	7,229	7,374	7,521
Insurance	25,134	25,637	25,895	29,779	30,375	30,982	31,602	32,234
Schools and Conferences	662	5,000	5,323	5,855	5,972	6,092	6,213	6,338
Travel Expenses	-	-	1,450	1,479	1,509	1,539	1,570	1,601
Use of Personal Auto	122	303	712	712	726	740	755	770
Misc. Expenses (Commissions-Donations)	11,925	-	4,236	4,279	4,364	4,452	4,541	4,631
Dues/Subscriptions/Licenses	14,687	16,881	11,945	12,542	12,793	13,049	13,310	13,576
Licenses & Taxes	-	-	2,823	-	-	-	-	-
Total Overhead Expenses	118,790	111,637	116,080	120,510	122,921	125,379	127,886	130,444
Contracted Expenses								
Other Contractual	59,029	69,572	30,315	30,618	31,230	31,855	32,492	33,142
Contract Auto Repair	-	-	1,500	1,515	1,545	1,576	1,608	1,640
Equipment Repair and Maintenance	17,059	20,231	13,845	13,983	14,263	14,548	14,839	15,136
Building Repair and Maintenance	73,561	87,813	55,878	56,437	57,566	58,717	59,892	61,089
Contract Landscaping	1,733	4,200	-	-	-	-	-	-
Snow Removal	20,661	17,860	29,330	52,242	53,287	54,353	55,440	56,548
Total Contracted Expenses	172,043	199,676	130,868	154,795	157,891	161,049	164,270	167,556
Utility Service Expenses								
Electric Service	212,123	239,917	215,037	236,541	241,272	246,097	251,019	256,040
Gas Service	95,835	89,185	109,722	115,208	117,512	119,862	122,259	124,704
Utility Energy Savings (APEX)	-	-	(63,460)	-	-	-	-	-
Water	25,278	19,119	23,037	24,189	24,673	25,166	25,669	26,183
Waste Disposal	6,799	10,459	6,164	6,287	6,413	6,541	6,672	6,806
Telephone/IS	3,029	3,436	3,143	3,206	3,270	3,335	3,402	3,470
Total Utility Expenses	343,064	362,116	293,643	385,431	393,139	401,002	409,022	417,203
Interest and Debt Expenses								
Debt Service Payments - Major Maintenance	14,125	12,875	13,500	13,500	13,500	13,500	13,500	13,500
(APEX) Energy Savings Project - Debt Commitment	-	-	63,460	63,460	63,460	63,460	63,460	63,460
Debt Service	-	-	-	-	-	-	-	-
Bad Debts	-	-	-	-	-	-	-	-
Total Debt & Other Fiscal Expenses	14,125	12,875	76,960	76,960	76,960	76,960	76,960	76,960
Capital Expenses								
Capital Outlay Buildings	-	-	19,564	-	-	-	-	-
Capital Outlay Machinery & Equipment	-	-	12,000	-	-	-	-	-
Capital Outlay Other Improvements	-	-	-	-	-	-	-	-
Capital Outlay Computers	1,125	-	-	-	-	-	-	-
Transfer to Capital Reserve Fund	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000
Total Capital Expenses	141,125	140,000	171,564	140,000	140,000	140,000	140,000	140,000
Total Expenditures	1,367,477	1,521,062	1,475,932	1,779,865	1,819,926	1,861,085	1,903,372	1,946,823
Net Income	46,791	25,873	71,415	13,373	22,049	31,007	40,253	49,796
Fund Balance Beginning of Year	416,088		462,879	534,294	547,667	569,716	600,722	640,976
Fund Balance End of Year	462,879		534,294	547,667	569,716	600,722	640,976	690,772