



**CITY OF BETHEL
COMMUNITY PARKS AND RECREATION COMMITTEE**

MONDAY, NOVEMBER 10, 2025, 6:00 PM

LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:

[HTTPS://US06WEB.ZOOM.US/J/3350154000?PWD=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060](https://us06web.zoom.us/j/3350154000?pwd=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060)

MEETING ID: 335 015 4000

PASSCODE: 140569

US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

MEMBERS

Brian Lefferts, Chair
Mikayla Miller Council Rep.
Sean Glasheen
Jody Brand
Alternate 2-

Beverly Hoffman, Vice-Chair
Jessica Pew
Zeff Prina
Alternate 1-

STAFF

Ex-Officio: Shane Iverson, Kayla Saddler
Email: ksaddler@cityofbethel.net Phone: 907-543-1386

I. CALL TO ORDER

II. ROLL CALL

- A. Ex Officio Member's Attendance Log

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

- A. Please submit written public comments to pwadmin@cityofbethel.net by 4:00 p.m. the day of the meeting.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

- A. September 8, 2025 Meeting Minutes
- B. October 13, 2025 Meeting Minutes

VI. UNFINISHED BUSINESS

- A. Community Center Construction Project *Updates* (Lefferts)
- B. Update on Larson Sub Park Progress (Pew)
- C. Dog Park (Pew)
- D. YFK Transition of Management (Iverson)
- E. Update on Proposed Amendments to Ordinance 8.12 Bags and Polystyrene Container (Hoffman)

VII. NEW BUSINESS

- A. Determination of Quorum for the December 8th Meeting
- B. Consideration of Bimonthly Meeting (Lefferts)
- C. Discussion of Fitness Center Energy Audit (Glasheen)

VIII. EX OFFICIO REPORT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

Ex-Officio Staff

A. Manager's Reports October 2025

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

Ex-Officio Staff

Community Parks and Recreation Committee 2025 Attendance

Regular Meetings

Member Name	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mikayla Miller	P	P	P	P	P	P	P	P	E			
Brian Lefferts	P	P	P	P	P	P	P	P	P			
Beverly Hoffman	P	A	P	P	P	A	P	E	P			
Jessica Pew	P	A	P	A	P	P	P	P	P			
Sean Glasheen	P	P	P	A	P	P	P	E	P			
Zeff Prina		P	P	P	P	P	P	E	P			
Jody Brand		P	P	P	A	E	A	A	E			

Special Meetings

Member Name	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mikayla Miller												
Brian Lefferts												
Beverly Hoffman												
Jessica Pew												
Sean Glasheen												
Zeff Prina												
Jody Brand												

Vacancy shall be declared by the body when a member:

Fails to attend 3 regular meetings without being excused by the body
 Fails to attend 3 special meetings without being excused by the body

Vacancy may be declared by the body when a member:

Fails to attend 65% of regular meetings
 Fails to attend 65% of special meetings.

P=Present
E=Excused
U=Unexcused

Chair determines excused/unexcused during roll call. If a member disagrees with the the chair, a motion to overule the decision of the chair can be made.

City of Bethel, Alaska

Community Parks and Recreation Committee Minutes

September 8, 2025

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER: 6:04PM

A regular Community Parks and Recreation Committee Meeting was held on September 8, 2025, via Zoom. called the meeting to order at 6:12 pm.

II. ROLL CALL:

Comprising a quorum of the committee, the following were present for Roll Call: Beverly Hoffman, Brian Lefferts, Jessica Pew, Sean Glasheen, Zeff Prina, Lisa Yancey

EX: Mikayla Miller, Jody Brand (alternate)

III. PEOPLE TO BE HEARD: None

IV. APPROVAL OF AGENDA:

Motion to approve the agenda.

MOVED BY:	Beverly Hoffman	Motion to approve Agenda.
SECONDED BY:	Zeff Prina	
VOTE ON MOTION	Motion carried by unanimous vote.	

V. APPROVAL OF MINUTES:

A. Meeting Minutes August 11, 2025

MOVED BY:	Beverly Hoffman	Motion to approve Meeting Minutes.
SECONDED BY:	Jessica Yancey	
VOTE ON MOTION	Motion carried by unanimous vote.	

VI. UNFINISHED BUSINESS:

- A. Community Center Construction Project *Updates!* (Lefferts)
- B. Update on Larson Sub Park Progress (Pew)
- C. Status on Woodchipper Acquisition (Hoffman)
- D. Placement of New Playground Equipment (Iverson)
- E. Dog Park (Pew)
- F. YKFC Transition of Management (Iverson)
- G. Update on Proposed Amendments to Ordinance 8.12 Bags and Polystyrene Container (Hoffman)

VII. NEW BUSINESS:

- A. Determination of Quorum for the October 13th Meeting.
- B. Declared Vacant Seat (BMC 2.60.030)

MOVED BY:	Jessica Pew	Motion to approve Declared vacant Seat.
SECONDED BY:	Zeff Prina	
VOTE ON MOTION	Motion carried by unanimous vote.	

VIII. EX OFFICIO MEMBER REPORT:

- A. Manager’s Reports August 2025

IX. COMMITTEE MEMBER COMMENTS: No comments.

Jessica Pew: Will follow-up on dog park volunteers
Beverly Hoffman: Will look into Rock climbing wall for the gym
Mikayla Miller: -
Lisa Yancey: Horizontal rock wall might be better than vertical one. Looking forward to gym announcements
Jody Brand: -
Zeff Prina: None
Sean Glasheen: None
Brian Lefferts: Looking forward to announcements on gym

X. ADJOURNMENT: 7:15pm

MOVED BY:	Jessica pew	Motion to adjourn.
SECONDED BY:	Lisa Yancey	
VOTE ON MOTION	Motion carried by unanimous vote.	

With no further business, meeting adjourned at 7:15PM.

APPROVED THIS September 8, 2025.

 Brian Lefferts
 Committee Chair

 Shane Iverson
 Recorder of Minutes

City of Bethel, Alaska

Community Parks and Recreation Committee Minutes

October 13, 2025

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER: 6:00PM

A regular Community Parks and Recreation Committee Meeting was held on October 13, 2025, via Zoom. called the meeting to order at 6:00pm.

II. ROLL CALL:

Comprising a quorum of the committee, the following were present for Roll Call: Jessica Pew, Zeff Prina

EX: Mikayla Miller, Brian Lefferts, Beverly Hoffman, Sean Glasheen, Jody Brand

No Meeting was held due to lack of quorum.

Brian Lefferts
Committee Chair

Shane Iverson
Recorder of Minutes



Comprehensive Level 2 Energy Audit of the YK Fitness Center

Prepared for:
Bethel YKFC
267 Akiachak Dr
PO Box 3027
Bethel, AK 99559
Site Survey Date:
May 5, 2025

Prepared by:
Christian Webb, EIT, CEM
ANTHC - DEHE
4500 Diplomacy Dr
Anchorage, AK 99508
cdwebb@anthc.org

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This report is sponsored by the DOE Office of Indian Energy For questions or concerns relating to this technical assistance report, please email ie-ta@hq.doe.gov and include the TA Request #250123 in the subject line.

Revision Tracking

Initial Release – 9/9/2025

Energy Auditor: Christian Webb, EIT, CEM

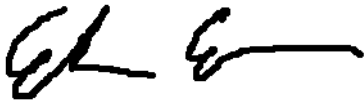


Christian Webb

8/20/2025

Date

Reviewed by: Elan Edgerly, PE



Elan Edgerly

8/20/25

Date

Disclaimers

This energy audit is intended to identify and recommend potential areas of energy savings, estimate the value of the savings and approximate the costs to implement the recommendations. This audit report is not a design document and no design work is included in the scope of this audit. Any modifications or changes made to a building to realize the savings must be designed and implemented by licensed, experienced professionals in their fields. Lighting recommendations should all be first analyzed through a thorough lighting analysis to assure that the recommended lighting upgrades will comply with any State of Alaska Statutes as well as Illuminating Engineering Society (IES) recommendations. Lighting upgrades should be made by a qualified electrician in order to maintain regulatory certifications on light fixtures. Ventilation recommendations should be first analyzed by a qualified and licensed engineer experienced in the design and analysis of heating, ventilation and air-conditioning (HVAC) systems.

Neither the auditor nor ANTHC bears any responsibility for work performed as a result of this report.

Payback periods may vary from those forecasted due to the uncertainty of the final installed design, configuration, equipment selected, and installation costs of recommended Energy Efficiency Measures (EEMs), or the operating schedules and maintenance provided by the owner. Furthermore, EEMs are typically interactive, so implementation of one EEM may impact the cost savings from another EEM. The auditor accepts no liability for financial loss due to EEMs that fail to meet the forecasted savings or payback periods.

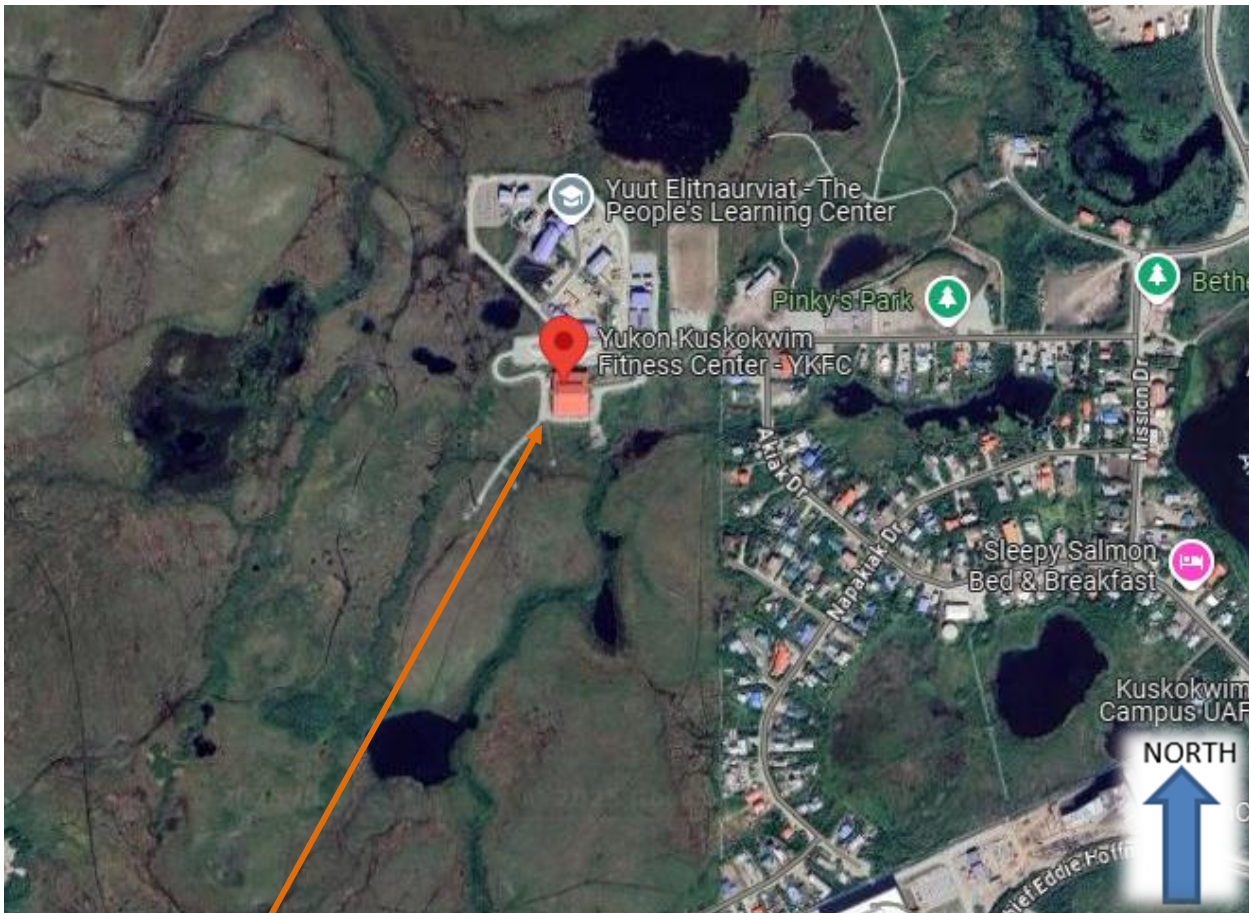
This audit meets the criteria of a Level 2 Energy Audit per the Association of Energy Engineers and per the ASHRAE definitions, and is valid for one year. The life of an audit may be extended on a case-by-case basis. This audit is the property of the client although the data included in it may be used by the auditor and others for comparative, benchmarking or other purposes.

AkWarm-C© is a public domain building energy modeling software developed under contract by the Alaska Housing Finance Corporation (AHFC).

Acknowledgements

This work was funded by the Department of Energy – Office of Indian Energy through its Technical Assistance Program. ANTHC would like to thank the Department of Energy and the City of Bethel for assisting in this Technical Assistance request. Thank you to Shane Iverson, the community parks and recreation director, and Stacey Reardon, the YKFC facility director, for building access and information while onsite, and for providing fuel and electrical data for the building.

Project Location

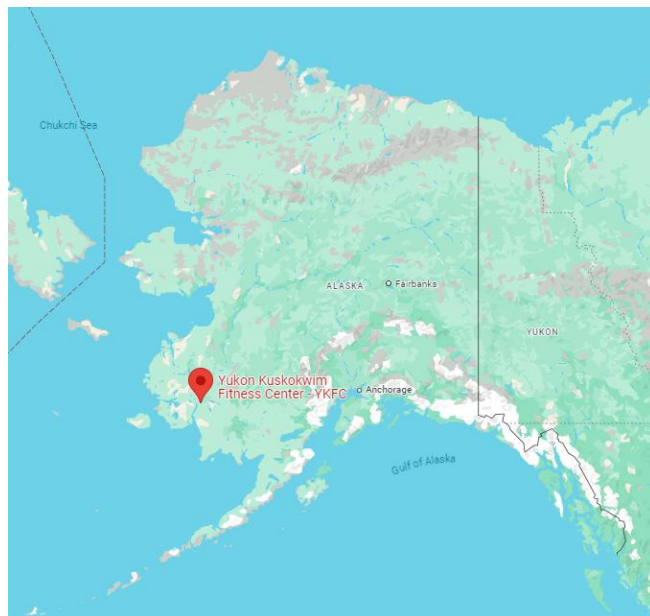


Subject Building

Building contacts:

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Community Parks & Recreation Director
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Stacey Reardon
YKFC Facility Director
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1. SUMMARY

This report was prepared for the City of Bethel, owner of the YK Fitness Center. The scope of this report is a comprehensive energy study, which included an analysis of the building shell, interior and exterior lighting systems, HVAC systems, and any process and plug loads. Water consumption by certain plumbing fixtures was measured or estimated but wastewater was not evaluated in this analysis.

The site surveys took place between May 7-8, 2025. The outside temperature during the day was 35F and the relative humidity was approximately 84%.

This is a Level 2 audit as defined by ASHRAE; it is a technical and economic analysis of potential energy saving projects in a facility. The analysis provides information on current energy consuming equipment, identifies technically and economically feasible Energy Efficiency Measures (EEMs) for existing equipment and provides the client with sufficient information to judge the technical and economic feasibility of the recommended EEMs. The Energy Conservation Measures (ECMs) identified in this audit, although they have the potential to save significant consumption and cost, are not part of the technical and economic analysis. The “avoided costs” resulting from ECMs are discussed in Section 1.7, but are not included in the cost and savings calculations in this audit.

1.1 Guidance to the Reader

The 12 page summary is designed to contain all the information the building owner and operator should need to determine which energy improvements should be implemented, approximately how much they will cost and their estimated annual savings and simple payback. The summary discusses the subject building and provides a summary table with overall savings, costs and payback for all recommended EEMs for the facility covered in this audit.

Sections 2, 3, and 4 of this report and the Appendices, are back-up and provide more detailed information should the owner, or staff, desire to investigate further. Sections 4.3 through 4.5 include additional auditor’s notes for many EEMs.

Issues that the auditor feels are of particular importance to the reader are underlined and all abbreviations and acronyms used in this document are listed in Appendix G.

1.2 Noteworthy Points & Immediate Action

- a. End of Life (EOL) Equipment: Most, if not all, of the major equipment in the building appeared to be well maintained and not near the end of its useful life during the site visit. The building has several large (5hp+) electric pumps (pool circulators, hydronic heating circulators, fan motors etc.) that should be replaced with premium-efficiency (IE3+)¹

¹ An IE rating, or International Efficiency rating, is a classification system used to indicate the energy efficiency of electric motors. It's defined by the IEC (International Electrotechnical Commission) standard IEC 60034-30-1 and applies to single-speed, three-phase, 50 and 60 Hz induction motors. The higher the IE rating, the more energy-efficient the motor is.

motors when the original equipment does reach its end of life. Studies have shown that the payback period on the additional cost of premium-efficiency motors versus standard-efficiency motors is between 7 months and 4 years, with an average of about 2 years.

- b. If all the recommended EEMs are incorporated in this building, there will be a 12.2% reduction in energy costs, totaling \$51,254/year, with a simple payback of 0.7 years on the \$36,377 implementation cost.
- c. It was assumed in this analysis, that electrical work such as bypassing light fixture ballasts would be performed by qualified electricians. It should be noted that regulatory listings on certain light fixtures may be invalidated if re-wiring is not performed by a qualified electrician.

1.3 Current Cost and Breakdown of Energy

Based on electricity and fuel oil prices in effect at the time of the audit, and using the calibrated AkWarm-C© energy model, the total predicted energy costs are \$419,207 per year. The breakdown of the annual predicted energy costs and fuel use for the buildings analyzed are as follows:

- \$71,084 for Electricity
- \$348,023 for Heating Oil

Predicted Annual Fuel Use		
Fuel Use	Existing Building	With Proposed Retrofits
Electricity	356,848 kWh	284,503 kWh
#1 Oil	60,333 gallons	53,948 gallons

The table below shows the relative costs per MMBTU for electricity and fuel oil and Figures 1.1 and 1.2 show the breakdown of energy use in this building and Figure 1.3 shows the breakdown of energy costs.

	Cost per unit	Cost per MMBTU
Electricity (kWh) before PCE discount	\$0.48	\$140.45
Electricity (kWh) after PCE discount	\$0.1992	\$58.38
Fuel Oil (gallons)	\$5.77	\$43.06

Figure 1.1

Distribution of Electric Consumption (kWh)

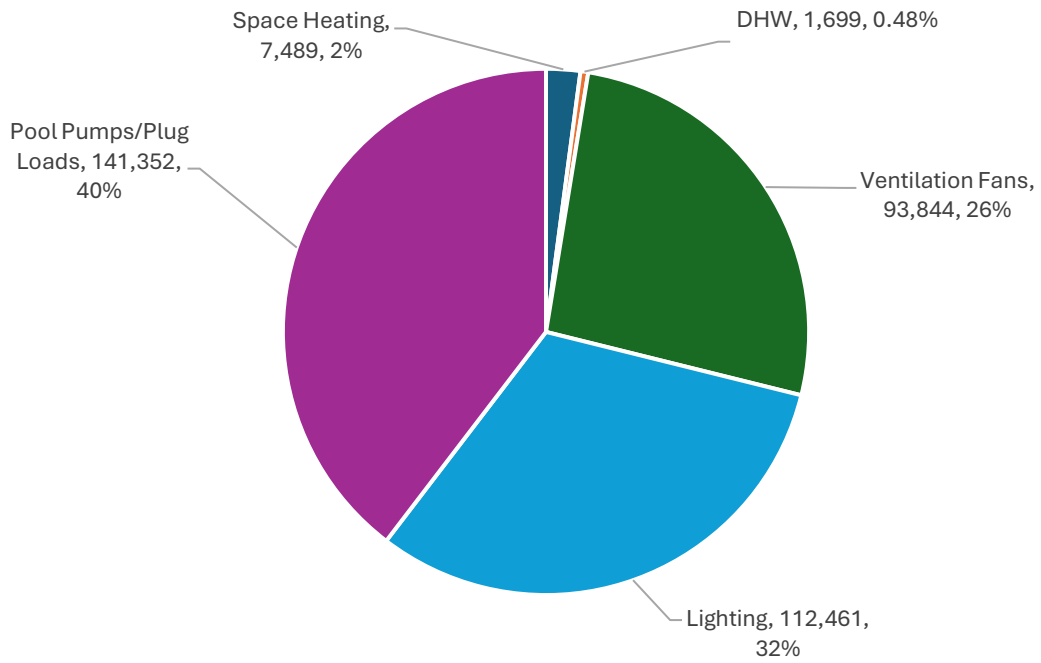


Figure 1.2

Distribution of Fuel Oil Consumption (gallons)

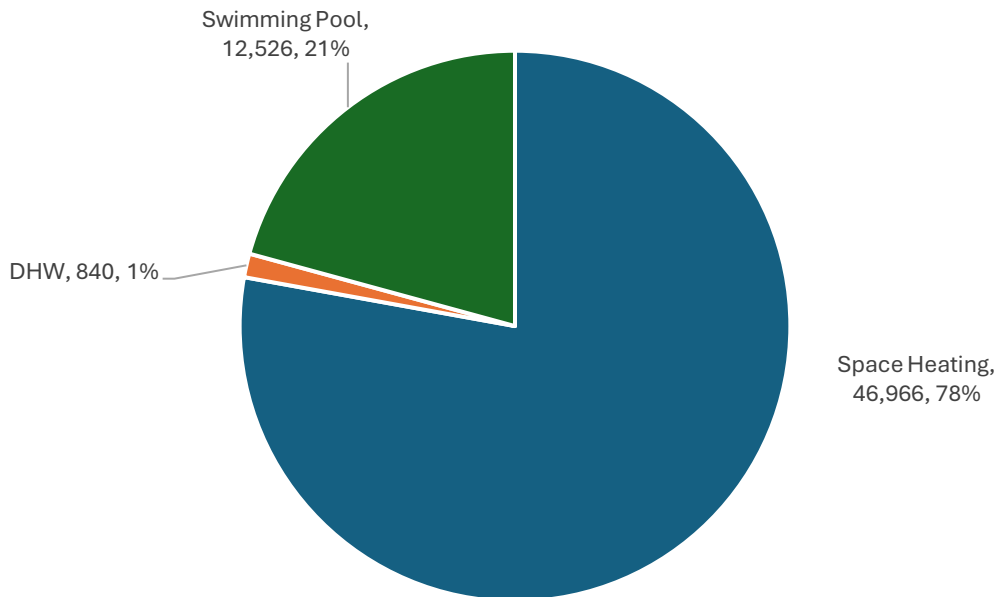
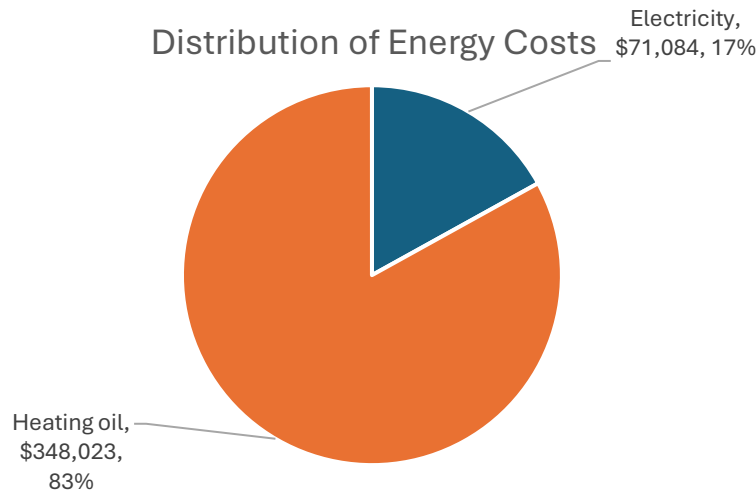


Figure 1.3



Based on this breakdown, it is clear that efficiency efforts should be focused primarily on reducing the energy consumed by heating oil in this building.

1.4 Benchmark Summary

Benchmark figures facilitate the comparison of energy use between different buildings. The table below lists several benchmarks for the audited building. More details can be found in section 3.2.2 and Appendix B.

Building Benchmarks			
Description	EUI (kBtu/Sq.Ft.)	EUI/HDD (Btu/Sq.Ft./HDD)	ECI (\$/Sq.Ft.)
Existing Building	356.7	28.44	\$16.29
With Proposed Retrofits	314.4	25.06	\$14.29

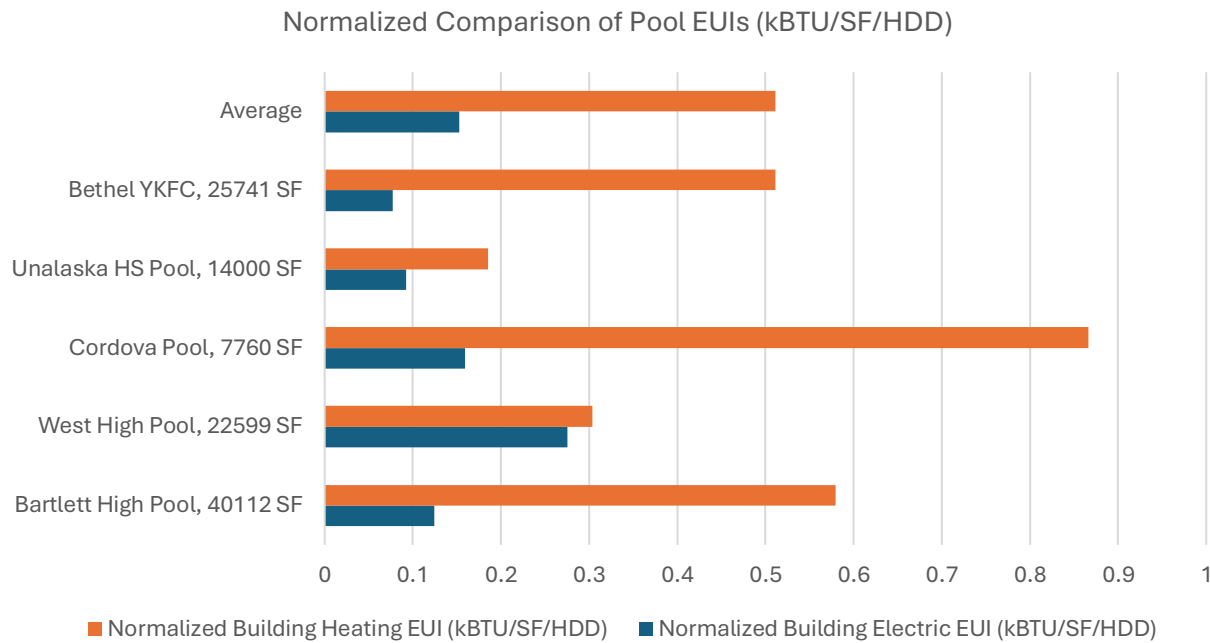
EUI: Energy Use Intensity - The annual site energy consumption divided by the structure’s conditioned area.
 EUI/HDD: Energy Use Intensity per Heating Degree Day.
 ECI: Energy Cost Index - The total annual cost of energy divided by the square footage of the conditioned space in the building.

1.5 Energy Utilization Comparison

The subject building’s heating and electric energy utilization indexes (EUIs) are compared to similar use buildings in Figure 1.4. Heating Degree Days² (HDDs) are used to normalize the effect of weather differences. The Bethel YKFC electric EUI is approximately 50% below the average of similar use buildings, indicating that the building is running quite efficiently from an electrical standpoint. The heating EUI is equal to the average, indicating that the building isn’t necessarily running inefficiently, but could also be improved. Additional discussion is provided in Appendix B.

² HDDs are a measure of the severity of cold weather; higher HDDs indicate colder, more severe weather. A building’s heating EUI should increase or decrease along with a proportional increase or decrease in HDDs.

Figure 1.4



1.6 Energy Efficiency Measures

A summary of the recommended EEMs and their associated costs are shown in Figure 1.5. Figure 1.6 shows the reduction in cost, consumption, and BTUs of electricity and fuel oil if all of the recommended EEMs are incorporated. Maintenance savings are included in the cost savings in Figure 1.5 but are not included in Figure 1.6.

Figure 1.5

	Installed Cost	Energy & Maint. Savings	Simple Payback (yrs.)
HVAC	\$327	\$49,764	<1
Lighting	\$36,050	\$1,309	27.5
Totals	\$36,377	\$51,073	0.7

Figure 1.6

	Existing conditions		Proposed Conditions		Effective reduction in building energy consumption and costs
		kBTU of consumption		kBTU of consumption	
kWh Electric	356,848	1,217,565	284,503	970,724	20.27%
Gallons Oil	60,333	8,084,622	53,948	7,229,032	10.58%
Building Energy Cost	\$419,207		\$367,953		12.23%

Tables 1.1 below, Table 4.1, and Section 4 summarize the energy efficiency measures analyzed for the YK Fitness Center. Estimates of annual energy and maintenance savings, installed costs and simple paybacks are shown for each EEM. Maintenance savings are included in Table 4.1, but not in Table 1.1. In Table 1.1, the lighting EEM's annual energy savings takes into account the loss of heat output from less efficient, higher wattage bulbs and reduces the savings by the amount of extra heating fuel used. Table 1.2 below shows the raw lighting electrical savings. Sections 4.3 through 4.5 provide additional information including the auditor's notes for many EEMs. The \$1 costs indicate that there is no appreciable cost to implement the EEM, AkWarm-C does not allow a \$0 cost entry.

Table 1.1 - Energy Efficiency Measures – Bethel YKFC

EEM No.	Category	Location	Existing Configuration	Improvement Description	Installed Cost	Annual Energy Savings	Simple Payback (yrs)	Notes
1	Ventilation	Fan Room	Building operates as if occupied while closed. Exhaust air heat recovery coil underutilized.	Reduce occupied schedule on BAS computer to match actual building open hours. Increase heat recovery system discharge air setpoint to 70 or 75degF	\$1	\$45,972	0.0	Reduce occupied schedule on BAS computer to match actual building open hours. Increase heat recovery system discharge air setpoint to 70 or 75degF to use more of the available sensible and latent heat in the natatorium exhaust air. Air handling units with heat recovery coil can recover roughly 60%-90% of exhaust air heat, especially when the exhaust air is damp like the natatorium air is. This will reduce the need to activate the heating coil and reduce boiler fuel usage. Setpoint change is done through the BAS computer in the upstairs fan room..
2	Setback Thermostat	Lobby, Locker Rooms, Exercise Rooms	Existing Unoccupied Heating Setpoint: 70.0 deg F	Implement a Heating Temperature Unoccupied Setback to 65.0 deg F for the Lobby, Locker Rooms, Exercise Rooms space.	\$1	\$3,972	0.0	Implement heating setback temperatures that match the building hours using the BAS computer or the individual thermostats in the spaces.
SUBTOTAL COST EFFECTIVE MEASURES					\$2	\$49,944	0.0	
<i>The following measures were not found to be cost-effective from a strict financial perspective, but are still recommended as part of an overall energy upgrade</i>								
3	Lighting - Power Retrofit	Entry Corridor	8 FLUOR T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 8 LED 12W Module StdElectronic	\$996	\$14	71.1	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (8) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
4	Lighting - Power Retrofit	Equipment Platform Stairwell	2 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 2 LED (2) 12W Module StdElectronic	\$273	\$0	N/A	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (2) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
5	Lighting - Power Retrofit	Equipment Platform	23 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 23 LED (2) 12W Module StdElectronic	\$3,140	\$7	448.6	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (23) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (46) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.

6	Lighting - Power Retrofit	Office and Concessions	8 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 8 LED (2) 12W Module StdElectronic	\$1,092	\$27	40.4	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (16) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
7	Lighting - Power Retrofit	Lobby and Gallery	35 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 35 LED (2) 12W Module StdElectronic	\$4,778	\$115	41.5	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (35) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (70) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
8	Lighting - Power Retrofit	Locker Rooms	22 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 22 LED (2) 12W Module StdElectronic	\$3,003	\$72	41.7	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (22) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (44) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
9	Lighting - Power Retrofit	Lifeguard Office	5 FLUOR (2) T5 45.2" F54W/T5 HO Standard (2) StdElectronic with Manual Switching	Replace with 5 LED (2) 25W Module (2) StdElectronic	\$683	\$18	37.9	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (5) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (10) lamps with 25w T5 LED's @ \$12 ea. Maintenance savings \$5/fixture.
10	Lighting - Power Retrofit	Gallery	7 FLUOR (2) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching	Replace with 7 LED (2) 25W Module StdElectronic	\$956	\$52	18.4	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (14) lamps with 25w T5 LED's @ \$12 ea. Maintenance savings \$5/fixture.
11	Lighting - Power Retrofit	Restrooms	8 FLUOR (2) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching	Replace with 8 LED (2) 25W Module StdElectronic	\$1,092	\$60	18.2	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (16) lamps with 25w T5 LED's @ \$12 ea. Maintenance savings \$5/fixture.
12	Lighting - Power Retrofit	Pool Mech Room	6 FLUOR (4) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 6 LED (4) 12W Module StdElectronic	\$963	\$39	24.7	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (6) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (24) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
13	Lighting - Power Retrofit	Natatorium – Pool Deck	2 FLUOR (4) T5 45.2" F54W/T5 HO Standard (2) StdElectronic with Manual Switching	Replace with 2 LED (4) 25W Module (2) StdElectronic	\$321	\$30	10.7	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (4) lamps with 25w T5 LED's @ \$12 ea. Maintenance savings \$5/fixture.

14	Lighting - Power Retrofit	Natatorium – Pool Deck	10 MH 400 Watt StdElectronic with Manual Switching	Replace with 10 LED 120W Module	\$4,500	\$38	118.4	Re-wire (10) fixtures to bypass or remove ballast @ 2 hr labor/fixture @ \$150/hr (add man lift per job) and replace 400w MH bulb with 120w LED equivalent bulb @ \$150 per bulb.
15	Lighting - Power Retrofit	Natatorium – Viewing Area	7 FLUOR (6) T8 4' F32T8 32W Standard (2) Instant StdElectronic with Manual Switching	Replace with 7 LED (6) 12W Module (2) StdElectronic	\$1,631	\$7	233.0	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (42) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
16	Lighting - Power Retrofit	Conference Room	FLUOR (6) T8 4' F32T8 32W Standard (2) Instant StdElectronic with Manual Switching	Replace with LED (6) 12W Module (2) StdElectronic	\$466	\$10	46.6	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (12) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
17	Lighting - Power Retrofit	Natatorium – Pool Deck	25 FLUOR (8) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching	Replace with 25 LED (8) 25W Module StdElectronic	\$8,026	\$676	11.9	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (25) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (200) lamps with 25w T5 LED's @ \$12 ea. Maintenance savings \$5/fixture.
18	Lighting - Power Retrofit	Boiler Room	6 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 6 LED (2) 12W Module StdElectronic	\$819	\$1	819.0	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (12) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
19	Lighting - Power Retrofit	Fitness Rooms	7 FLUOR (18) T8 4' F32T8 32W Standard (2) Program StdElectronic with Occupancy Sensor	Replace with 7 LED (18) 12W Module (2) StdElectronic	\$3,311	\$144	23.0	Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (126) lamps with 12w T8 LED's @ \$12 ea. Maintenance savings \$5/fixture.
20	Setback Thermostat	Fan Room	Existing Unoccupied Heating Setpoint: 65.0 deg F	Implement a Heating Temperature Unoccupied Setback to 60.0 deg F for the Fan Room space.	\$325	\$0	N/A	Replace manual thermostat with programmable setback thermostat.
TOTAL ALL MEASURES					\$36,377	\$51,254	0.7	

Table 1.2 below is a breakdown of the annual energy cost across various energy end use types, such as Space Heating and Water Heating. The first row in the table shows the breakdown for the existing building. The second row shows the expected breakdown of energy cost for the building assuming all of the retrofits in this report are implemented. Finally, the last row shows the annual energy savings that will be achieved from the retrofits. Maintenance savings are not included in the savings shown in this table.

Table 1.2

Annual Energy Cost Estimate									
Description	Space Heating	Space Cooling	Water Heating	Ventilation Fans	Lighting	Other Electrical	Swimming Pool	Service Fees	Total Cost
Existing Building	\$272,493	\$0	\$5,193	\$18,693	\$22,403	\$28,158	\$72,268	\$0	\$419,207
With Proposed Retrofits	\$235,363	\$0	\$5,313	\$15,505	\$11,347	\$28,158	\$72,268	\$0	\$367,953
Savings	\$37,130	\$0	-\$120	\$3,188	\$11,056	\$0	\$0	\$0	\$51,254

1.7 Energy Conservation Measures (ECMs)

No and low-cost EEMs are called ECMs and are usually implemented by the owner or by the existing operations and maintenance staff (they are also called O & M recommendations). ECMs can result in cost and consumption savings, but they also prevent consumption and cost increases, which are more accurately called “avoided costs” rather than cost savings. Listed below are the ECMs applicable to the subject building.

- 1) Ongoing Energy Monitoring-** Research has shown the value of building system monitoring as an effective means to reduce and maintain lower energy consumption. HVAC “performance drift” is the deterioration of an HVAC system over time, resulting from a number of preventable issues. Performance drift typically results in a 5% to 15 % increase in energy consumption. It is recommended to implement a basic energy monitoring system for this building, including installing a cumulative fuel oil meter on the oil day tank.

The building automation system (BAS) that is currently controlling the facility, records temperature trends, boiler runtime and weather data. The data should be reviewed frequently to inform the owner and operator on the building’s current health and if any preemptive maintenance is needed.

- 2) Create an organizational “energy champion” and provide training.** It can be an existing staff person who performs a monthly walk-through of the building using an Energy Checklist similar to the sample below. Savings from this activity can vary from zero to 10% of the building’s annual energy cost.

ENERGY CHAMPION CHECKLIST - MONTHLY WALK THROUGH	initial
Check thermostat set points and programming	
Note inside and outside temperatures, is it too hot or cold in the building?	
Are computers left on and unattended?	
Are room lights on and unoccupied?	
Are personal electric heaters in use?	
Are windows open with the heat on?	
Review monthly consumption for electric and oil	

- 3) **Efficient Building Management:** Certain EEMs and ECMs are recommended to improve the efficiency and reduce the cost of building management. As an example, all lights should be upgraded at the same time, all lamps should be replaced as a preventative maintenance activity (rather than as they fail, one at a time), lamp inventory for the entire building should be limited to a single version of an LED or fluorescent tube (if at all possible), and all appropriate rooms should have similar occupancy controls and setback thermostats.
- 4) **Air Infiltration:** All entries and windows should be properly maintained and adjusted to close and function properly. Weather-stripping should be maintained if it exists or added if it does not.
- 5) **Turn off plug loads** including computers, printers, faxes, etc. when leaving the room. For workstations where the occupant regularly leaves their desk, add an occupancy sensing plug load management device (PLMD) like the “Isole IDP 3050” power strip produced by Wattstopper.
- 6) **HVAC Maintenance** should be performed annually to assure optimum performance and efficiency of the air handlers, boilers, circulation pumps, exhaust fans and thermostats in this building. An unmaintained HVAC component like a boiler can reduce operating efficiency by 3% or more.
- 7) **Vacant Offices & Storage Areas:** If there are multiple-person offices and/or other common spaces which are currently vacant, consider moving staff such that the vacant offices are all in one zone, and turn down the heat and turn off lighting in that zone
- 8) **Additional ECM recommendations:**
 - a. Maintain air sealing on the building by sealing all wall and ceiling penetrations including switch, electrical outlet and light fixture junction boxes and window and door caulking. Air sealing can reduce infiltration by 500-1000 cfm.
 - b. Purchase and use an electronic timer as a power strip for large copy/scan/fax machines and any other equipment that has a sleep cycle. During their sleep cycle, they can consume from 1 to 3 watts. This can cost from \$8-10/year per machine.
 - c. At their end of useful life (EOL), replace refrigeration equipment and commercial cooking equipment with Energy Star versions.
 - d. Keep refrigeration coils clean.
 - e. Keep heating coils in air handlers, unit heaters and fan coil units clean.

2. AUDIT AND ANALYSIS BACKGROUND

2.1 Program Description

This audit identifies and evaluates energy efficiency measures at the YK Fitness Center. The scope of this project included evaluating building shell, lighting and other electrical systems, and HVAC equipment, motors and pumps. Measures were analyzed based on life-cycle-cost techniques, which include the initial cost of the equipment, life of the equipment, annual energy cost, annual maintenance cost, and a discount rate of 2.0%/year in excess of general inflation.

2.2 Audit Description

Preliminary audit information including building plans and utility consumption data was gathered in preparation for the site survey. An interview was conducted with the building manager to understand their objectives and ownership strategy and gather other information the auditor could use to make the audit most useful. The site survey provides critical information in deciphering where energy is used and what savings opportunities exist within a building. The entire building was surveyed, including every accessible room, and the areas listed below were evaluated to gain an understanding of how the building operates:

- Building envelope (roof, windows, etc.)
- Heating, ventilation, and air conditioning equipment (HVAC)
- Lighting systems and controls
- Building-specific equipment including refrigeration equipment
- Plug loads

Summaries of building occupancy schedules, operating and maintenance practices, and energy management programs provided by the building manager were collected along with as much system and component nameplate information as was available.

2.3 Method of Analysis

The details collected from YK Fitness Center enable a model of the building's overall energy usage to be developed – this is referred to as “existing conditions” or the “existing building”. The analysis involves distinguishing the different fuels used on site and analyzing their consumption in different activity areas of the existing building.

AkWarm-Commercial Building Simulation Model

An accurate model of the building performance can be created by simulating the thermal performance of the walls, roof, windows and floors of the building, adding any HVAC systems, ventilation and heat recovery, adding major equipment, plug loads, any heating or cooling process loads, the number of occupants (each human body generates approximately 450 BTU/hr. of heat) and the hours of operation of the building.

YK Fitness Center is classified as being made up of the following activity areas:

- 1) Natatorium: 11,782 square feet
- 2) Lobby, Locker Rooms, Exercise Rooms: 11,782 square feet
- 3) Fan Room: 2,177 square feet

The methodology took a range of building-specific factors into account, including:

- Occupancy hours
- Local climate conditions
- Prices paid for energy

For the purposes of this study, the thermal simulation model was created using a modeling tool called AkWarm-Commercial© Energy Use Software. The building characteristics and local climate data were used to establish a baseline space heating and cooling energy usage. The model was calibrated to actual fuel consumption and was then capable of predicting the impact of theoretical EEMs. The calibrated model is considered to represent existing conditions.

Limitations of AkWarm© Models

The model is based on local, typical weather data from a national weather station closest to the subject building. This data represents the average ambient weather profile as observed over approximately 30 years. As such, the monthly fuel use bar charts in Section 3.2 will not likely compare perfectly on a monthly basis with actual energy billing information from any single year. For this reason, the model is calibrated to the building's annual consumption of each fuel, rather than monthly.

The heating and cooling load model is a simple two-zone model consisting of the building's core interior spaces and perimeter spaces. This simplified approach loses accuracy for buildings that have large variations in cooling/heating loads across different parts of the building and for buildings that can provide simultaneous heating and cooling such as a variable volume air system with terminal re-heat.

Financial Analysis

Our analysis provides a number of tools for assessing the cost effectiveness of various EEMs. These tools utilize **Life-Cycle Costing**, which is defined in this context as a method of cost analysis that estimates the total cost of a project over its life. The total cost includes both the construction cost (also called "first cost") plus ongoing maintenance and operating costs.

Savings to Investment Ratio (SIR) = Savings divided by Investment

Savings includes the total discounted dollar savings considered over the life of the EEM, including annual maintenance savings. AkWarm© calculates projected energy savings based on occupancy schedules, utility rates, building construction type, building function, existing conditions, and climatic data uploaded to the program based on the zip code of the building. Changes in future fuel prices, as projected by the Department of Energy, are included over the life of the improvement. Future savings are discounted to their present value to account for the time-value of money (i.e. money's ability to earn interest over time). The **Investment** in the SIR calculation

is the first cost of the EEM. An SIR value of at least 1.0 indicates that the project is cost-effective, i.e. total savings exceed the investment costs.

Simple payback is a cost analysis method whereby the investment cost of a project is divided by the first year's energy and maintenance savings to give the number of years required to recover the cost of the investment. This may be compared to the expected time before replacement of the system or component will be required. For example, if a boiler costs \$12,000 and results in a savings of \$1,000 in the first year, the payback time is 12 years. If the boiler has an expected life of 10 years, it would not be financially viable to make the investment since the payback period of 12 years is greater than the projected life.

The Simple Payback calculation does not consider likely increases in future annual savings due to energy price increases, nor does it consider the need to earn interest on the investment (i.e. the time-value of money). Because of these simplifications, the SIR figure is considered to be a better financial investment indicator than the Simple Payback measure.

Measures are ranked by AkWarm© in order of decreasing SIR. The program first calculates individual SIR's and ranks them from highest to lowest. The software then implements the first EEM, re-calculates each subsequent measure and again re-ranks the remaining measures in order of their SIR. An individual measure must have an individual $SIR \geq 1$ to be considered financially viable on a stand-alone basis. AkWarm© goes through this iterative process until all appropriate measures have been evaluated and implemented in the proposed building model.

SIR and simple paybacks are calculated based on estimated first costs for each measure. First costs include estimates of the labor and equipment required to implement a change. Costs are considered to be accurate within +/-30% in this level of audit; they are derived from Means Cost Data, industry publications, the auditor's experience and/or local contractors and equipment suppliers.

Interactive effects of EEMs:

It is important to note that the savings for each recommendation is calculated based on implementing the most cost effective measure first (highest SIR), then the EEM with the second highest SIR, then the third, etc. Implementation of an EEM out of order will affect the savings of the other EEMs. The savings may in some cases be higher and in other cases, lower. For example implementing a reduced operating schedule for inefficient lighting will result in relatively high savings. Implementing a reduced operating schedule for newly installed efficient lighting will result in lower relative savings, because the efficient lighting system uses less energy during each hour of operation. If some of the recommended EEMs are not implemented, savings for the remaining EEMs will be affected, in some cases positively, and in others, negatively. If all EEMs are implemented, their order of implementation is irrelevant, because the total savings after full implementation will be unchanged. If an EEM is calculated outside of the AkWarm© model, this will be specifically stated and the interactive effects of that EEM are not reflected in the savings figures of any other EEM.

Assumptions and conversion factors used in calculations:

The underlying assumptions used in the calculations made in this audit follow:

- 3412 BTU/kWh
- 60% load factor for all motors unless otherwise stated
- 134,000 BTU/gallon of #1 fuel oil

2.4 Limitations of Study

All results are dependent on the quality of input data provided and can only act as an approximation. In some instances, several methods may achieve the identified savings. This report is not a design document and the auditor is not proposing designs, or performing design engineering. A design professional who is following the EEM recommendations and who is licensed to practice in Alaska in the appropriate discipline, shall accept full responsibility and liability for the design, engineering, and final results.

Unless otherwise specified, budgetary estimates for engineering and design of these projects is not included in the cost estimate for each EEM recommendation; these costs can be approximated at 15% of the materials and installation costs.

3. YK Fitness Center EXISTING CONDITIONS

3.1. Building Description

The single story 25,741 square foot YK Fitness Center was constructed in 2014, with a normal occupancy of 10 -40 people depending on the time of the day. The building is used as recreational facility/gym Monday through Sunday, except Thursdays, from 5:30am – 9pm.

Description of Building Shell

The building is constructed on 12” diameter steel pipe thermal pilings in pre-augered holes backfilled with sand slurry. The floor consists of rigid insulation, metal decking and a poured 1.5” concrete slab.

The exterior walls are constructed with 2” x 8” metal studs, 16” OC whose cavities are presumed to be filled with 6” SIPs. Exterior walls are finished with metal siding and interior walls are finished with gypsum. The insulated double pane windows utilize double glazing in vinyl frames. The windows are in excellent condition.

The warm roof has 3” rigid insulation, vented composite insulation board, a sheet membrane and painted metal roofing panels supported by metal I-beams ceiling joists at 24”OC.

In general, the building envelope is in excellent condition.

Description of Heating and Cooling Plants

- B1 Nameplate: Burnham V1113H 21.3GPH,
Gross 2,552MBH, Net 2,219MBH
Power Flame Burner Model CR3-O
Fuel Type: #1 Oil
Input Rating: 2,552,00 BTU/hr
Steady State Efficiency: 88%
Idle Loss: 1.5%
Heat Distribution Type: Water
Boiler Operation: All Year
- B2 Nameplate: Burnham V1113H 21.3GPH,
Gross 2,552MBH, Net 2,219MBH
Power Flame Burner Model CR3-O
Fuel Type: #1 Oil
Input Rating: 2,552,00 BTU/hr
Steady State Efficiency: 88%
Idle Loss: 1.5%
Heat Distribution Type: Water
Boiler Operation: All Year



Space Heating and Cooling Distribution Systems

Heat is distributed through the building via 2 AHUs, one for the natatorium(pool) space and one for the lobby, offices, exercise rooms and locker rooms. The building also has 4 radiant heat zones (RHZs). The forced air zones and the radiant heat zones are listed out below:

Description	
Conference Room 102	RHC1
Manager's Office 103	RHC2
Reception/Concessions 104	RHC3
Exercise Room 107	RHC4
Lobby 105	RHC5
Locker Rooms	RHC6
Gallery 105 & Restrooms	RHC7
Fitness Room 108	RHC8
Corridor 124	RHC9
Telecom Room 122	RHC10
Lifeguard Office 127	RHC11
Pool Equipment Storage 131	RHC12

SYMBOL	AREA SERVED
RHZ-1	ENTRY, RECEPT, OFFICE, CONF RM, LOBBY
RHZ-2	EXERCISE ROOM, FITNESS ROOM
RHZ-3	GALLERY, WOMENS, MENS
RHZ-4	LOCKER ROOMS

Building Ventilation System

In addition to the AHUs, the building has 5 main ventilation systems: an exhaust fan for the natatorium space, a general building exhaust, a pool chemical room exhaust, cooling air supply for the boiler room and a cooling air supply for the pool mechanical room.

HVAC Controls

Temperature control is provided by thermostats located in the spaces and re-heat coils for each space. Air handling is controlled by a BAS computer application.

The BAS computer application also controls the boilers, the boiler circulation pumps, the main hydronic circulation pumps and the radiant heat pumps. The pumps are throttled via VFDs based on the heat demand.

Domestic Hot Water System

DHW is provided by 2 indirect hot water generators and a hot water storage tank located on the upper equipment platform.

Lighting

The interior lighting consists of 1,2 and 4 lamp T5 and T8 fluorescents with electronic ballasts, high intensity metal halide bulbs and LED residential type bulbs. Lighting is controlled by the BAS computer application to match occupied hours.

Major Equipment and Plug Loads

A list of major equipment and most plug loads is found in Appendix A.

3.2 Predicted Energy Use**3.2.1 Energy Usage / Tariffs**

Raw utility source data is tabulated in Appendix B. The AkWarm© model was calibrated on an annual basis to match the actual, baseline electric data and after calibration, the AkWarm© model predicts the annual usage of each fuel. The model is typically calibrated to within +/- 1% of actual consumption of each fuel.

The electric usage profile charts (below) represents the predicted electrical usage for the building. The model used to predict usage was calibrated to approximately match actual usage. The fuel oil usage profile shows the fuel oil usage, in gallons, for the building as predicted by the AkWarm-C model.

The utility companies providing energy to the subject building, and the class of service provided by each, are listed below:

Electricity: AVEC- Bethel - Commercial - Lg

The average cost for each type of fuel used in this building is shown below in Table 3.1. This figure includes all surcharges, subsidies, and utility customer charges:

Table 3.1 – Average Energy Cost	
Description	Average Energy Cost
Electricity before PCE discount	\$0.48/kWh
Electricity after PCE discount	\$0.1992/kWh
#1 Oil	\$ 5.77/gallons

For any historical and comparative analysis in this document, the auditor used current tariff schedules obtained from the utility provider or from invoices, which also included customer charges, service charges, energy costs, and taxes. These current tariffs were used for all years to eliminate the impact of cost changes over the years evaluated in the analysis.

Electric utility providers measure consumption in kilowatt-hours (kWh). One kWh usage is equivalent to 1,000 watts running for one hour.

Fuel oil consumption is measured in gallons, but unless there is a cumulative meter on the day tank, data provided for analysis is typically gallons delivered, not gallons consumed. It is assumed that all of the oil delivered during the benchmark period was consumed during the benchmark period.

3.2.1.1 Total Energy Use and Cost Breakdown

At current rates, City of Bethel pays approximately \$419,207 annually for electricity and other fuel costs for the YK Fitness Center.

Figure 3.1 below reflects the estimated distribution of costs across the primary end uses of energy based on the AkWarm© computer simulation. Comparing the “Retrofit” bar in the figure to the “Existing” bar shows the potential savings from implementing all of the energy efficiency measures shown in this report.

Figure 3.1
Annual Energy Costs by End Use

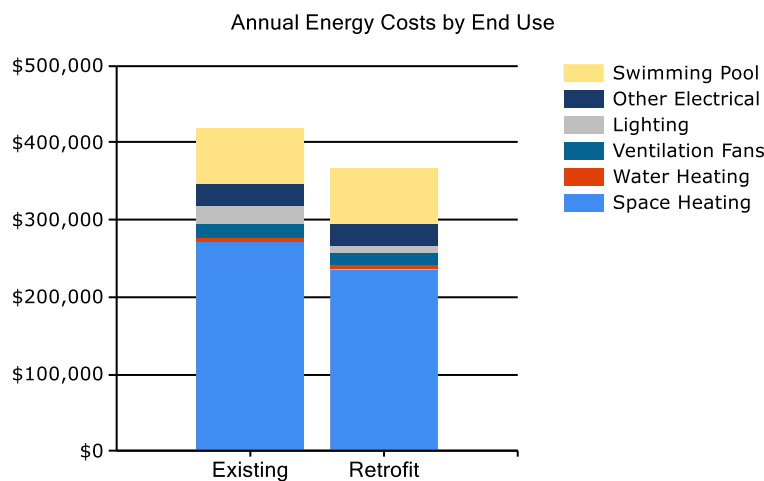


Figure 3.2 below shows how the annual energy cost of the building splits between the different fuels used by the building. The “Existing” bar shows the breakdown for the building as it is now; the “Retrofit” bar shows the predicted costs if all of the energy efficiency measures in this report are implemented.

Figure 3.2
Annual Energy Costs by Fuel Type

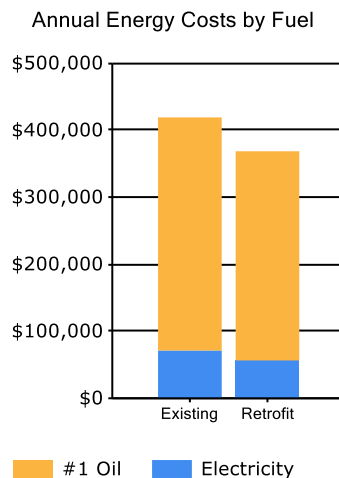
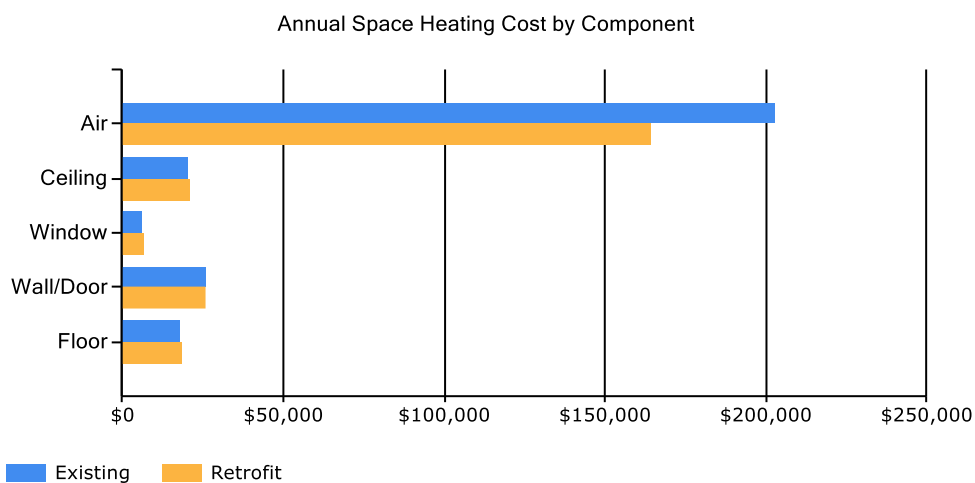


Figure 3.3 below addresses only Space Heating costs. The figure shows how each heat loss component contributes to those costs; for example, the figure shows how much annual space heating cost is caused by the heat loss through the Walls/Doors. For each component, the space heating cost for the Existing building is shown (blue bar) and the space heating cost assuming all retrofits are implemented (yellow bar) are shown.

Figure 3.3
Annual Space Heating Cost by Component



The tables below show the model’s estimate of the baseline monthly fuel use for each of the fuels used in the building. For each fuel, the fuel use is broken down across the energy end uses. Note, in the tables below “DHW” refers to Domestic Hot Water heating.

Electrical Consumption (kWh)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Space Heating	948	803	824	648	488	349	321	355	436	641	779	897
DHW	144	131	144	140	144	140	144	144	140	144	140	144
Ventilation Fans	7907	7205	7907	7652	7907	7828	8248	8072	7652	7907	7652	7907
Lighting	9545	8698	9545	9237	9545	9237	9545	9545	9237	9545	9237	9545
Pool Pumps/Plug Loads	11997	10933	11997	11610	11997	11610	11997	11997	11610	11997	11610	11997

Fuel Oil #1 Consumption (Gallons)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Space Heating	6372	5344	5427	4114	2861	1818	1574	1837	2489	4033	5112	5985
DHW	66	60	67	66	72	76	83	79	71	69	65	66
Swimming Pool	1063	969	1063	1029	1063	1029	1063	1063	1029	1063	1029	1063

3.2.2 Energy Use Index (EUI)

EUI is a measure of a building's annual energy utilization per square foot of building. It is a good measure of a building's energy use and is utilized regularly for energy performance comparisons with similar-use buildings.

EUIs are calculated by converting all the energy consumed by a building in one year to BTUs and dividing by 1000 to obtain kBtu. This figure is then divided by the building square footage.

"Source energy" differs from "site energy". Site energy is the energy consumed by the building at the building site only. Source energy includes the site energy as well as all of the losses incurred during the creation and distribution of the energy to the building. Source energy represents the total amount of raw fuel that is required to operate the building. It incorporates all transmission, delivery, and production losses, and allows for a more complete assessment of energy efficiency in a building. The type of energy or fuel purchased has a substantial impact on the source energy use of a building. The EPA has determined that source energy is the best measure to use for evaluation purposes and to identify the overall global impact of energy use. Both the site and source EUI ratings for the building are provided below.

The site and source EUIs for this building are calculated as follows. (See Table 3.4 for details):

$$\text{Building Site EUI} = \frac{(\text{Electric Usage in kBtu} + \text{Gas Usage in kBtu} + \text{similar for other fuels})}{\text{Building Square Footage}}$$

$$\text{Building Source EUI} = \frac{(\text{Electric Usage in kBtu} \times \text{SS Ratio} + \text{Gas Usage in kBtu} \times \text{SS Ratio} + \text{similar for other fuels})}{\text{Building Square Footage}}$$

where "SS Ratio" is the Source Energy to Site Energy ratio for the particular fuel.

Table 3.4
YK Fitness Center EUI Calculations

Energy Type	Building Fuel Use per Year	Site Energy Use per Year, kBTU	Source/Site Ratio	Source Energy Use per Year, kBTU
Electricity	356,848 kWh	1,217,920	3.340	4,067,854
#1 Oil	60,333 gallons	7,963,989	1.010	8,043,629
Total		9,181,909		12,111,483
BUILDING AREA 25,741 Square Feet				
BUILDING SITE EUI 357 kBTU/Ft ² /Yr				
BUILDING SOURCE EUI 471 kBTU/Ft ² /Yr				
* Site - Source Ratio data is provided by the Energy Star Performance Rating Methodology for Incorporating Source Energy Use document issued March 2011.				

Table 3.5

Building Benchmarks			
Description	EUI (kBtu/Sq.Ft.)	EUI/HDD (Btu/Sq.Ft./HDD)	ECI (\$/Sq.Ft.)
Existing Building	356.7	28.44	\$16.29
With Proposed Retrofits	314.4	25.06	\$14.29
EUI: Energy Use Intensity - The annual site energy consumption divided by the structure's conditioned area. EUI/HDD: Energy Use Intensity per Heating Degree Day. ECI: Energy Cost Index - The total annual cost of energy divided by the square footage of the conditioned space in the building.			

4. ENERGY COST SAVING MEASURES

4.1 Summary of Results

The energy saving measures considered for this building are summarized in Table 4.1. Please refer to the individual measure descriptions later in this section for more detail, including the auditor's notes. The basis for the cost estimates used in this analysis is found in Appendix C.

Table 4.1 YK Fitness Center, Bethel, Alaska PRIORITY LIST – ENERGY EFFICIENCY MEASURES							
Rank	Feature	Improvement Description	Annual Energy Savings	Installed Cost	Savings to Investment Ratio, SIR	Simple Payback (Years)	CO ₂ Savings
1	Ventilation	Reduce occupied schedule on BAS computer to match actual building open hours. Increase heat recovery system discharge air setpoint to 70 or 75degF to use more of the available sensible and latent heat in the natatorium exhaust air. Air handling units with heat recovery coil can recover roughly 60%-90% of exhaust air heat, especially when the exhaust air is damp like the natatorium air is. This will reduce the need to activate the heating coil and reduce boiler fuel usage. Setpoint change is done through the BAS computer in the fan room upstairs, change is free to do but cannot put \$0 for the cost. Cost is set to \$1	\$45,972 / 1032.3 MMBTU	\$1	654407.00	0.0	184,881.4
2	Setback Thermostat: Lobby, Locker Rooms, Exercise Rooms	Implement a Heating Temperature Unoccupied Setback to 65.0 deg F for the Lobby, Locker Rooms, Exercise Rooms space.	\$3,972 / 90.8 MMBTU	\$1	57031.50	0.0	14,743.6
	TOTAL, cost-effective measures		\$49,945 / 1123.1 MMBTU	\$2	355,719.30	0.0	199,625.0
The following measures were <i>not</i> found to be cost-effective from a strict financial perspective, but are still recommended as part of an overall energy upgrade:							

Table 4.1
YK Fitness Center, Bethel, Alaska
PRIORITY LIST – ENERGY EFFICIENCY MEASURES

Rank	Feature	Improvement Description	Annual Energy Savings	Installed Cost	Savings to Investment Ratio, SIR	Simple Payback (Years)	CO ₂ Savings
3	Lighting - Power Retrofit: Entry Corridor	Replace with 8 LED 12W Module StdElectronic	\$14 + \$40 Maint. Savings / -0.3 MMBTU	\$996	0.51	18.6	559.9
4	Lighting - Power Retrofit: Eqp Platform Stair	Replace with 2 LED (2) 12W Module StdElectronic	\$0 + \$10 Maint. Savings / 0.0 MMBTU	\$273	0.48	26.2	14.1
5	Lighting - Power Retrofit: Eqp Platform	Replace with 23 LED (2) 12W Module StdElectronic	\$7 + \$115 Maint. Savings / -0.2 MMBTU	\$3,140	0.47	25.8	278.9
6	Lighting - Power Retrofit: Office and Concessions	Replace with 8 LED (2) 12W Module StdElectronic	\$27 + \$40 Maint. Savings / -0.7 MMBTU	\$1,092	0.46	16.4	1,093.6
7	Lighting - Power Retrofit: Lobby/Gallery	Replace with 35 LED (2) 12W Module StdElectronic	\$115 + \$175 Maint. Savings / -2.9 MMBTU	\$4,778	0.46	16.5	4,780.8
8	Lighting - Power Retrofit: Locker Rooms	Replace with 22 LED (2) 12W Module StdElectronic	\$72 + \$110 Maint. Savings / -1.8 MMBTU	\$3,003	0.46	16.5	3,004.8
9	Lighting - Power Retrofit: Lifeguard Office	Replace with 5 LED (2) 25W Module (2) StdElectronic	\$18 + \$25 Maint. Savings / -0.5 MMBTU	\$683	0.45	15.9	756.3
10	Lighting - Power Retrofit: Gallery	Replace with 7 LED (2) 25W Module StdElectronic	\$52 + \$35 Maint. Savings / -1.3 MMBTU	\$956	0.45	11.0	2,156.5

Table 4.1
YK Fitness Center, Bethel, Alaska
PRIORITY LIST – ENERGY EFFICIENCY MEASURES

Rank	Feature	Improvement Description	Annual Energy Savings	Installed Cost	Savings to Investment Ratio, SIR	Simple Payback (Years)	CO ₂ Savings
11	Lighting - Power Retrofit: Restrooms	Replace with 8 LED (2) 25W Module StdElectronic	\$60 + \$40 Maint. Savings / -1.5 MMBTU	\$1,092	0.45	11.0	2,464.8
12	Lighting - Power Retrofit: Pool Mech Room	Replace with 6 LED (4) 12W Module StdElectronic	\$39 + \$30 Maint. Savings / -1.0 MMBTU	\$963	0.38	14.0	1,618.9
13	Lighting - Power Retrofit: Pool Deck	Replace with 2 LED (4) 25W Module (2) StdElectronic	\$30 + \$10 Maint. Savings / -0.8 MMBTU	\$321	0.36	8.1	1,232.3
14	Lighting - Power Retrofit: Pool Deck	Replace with 10 LED 120W Module	\$38 + \$100 Maint. Savings / -1.0 MMBTU	\$4,500	0.35	32.6	1,574.0
15	Lighting - Power Retrofit: Pool Viewing	Replace with 7 LED (6) 12W Module (2) StdElectronic	\$7 + \$35 Maint. Savings / -0.2 MMBTU	\$1,631	0.27	39.3	283.4
16	Lighting - Power Retrofit: Conf Room	Replace with LED (6) 12W Module (2) StdElectronic	\$10 + \$10 Maint. Savings / -0.2 MMBTU	\$466	0.27	23.4	406.8
17	Lighting - Power Retrofit: Pool Deck	Replace with 25 LED (8) 25W Module StdElectronic	\$676 + \$125 Maint. Savings / -17.2 MMBTU	\$8,026	0.16	10.0	28,060.4
18	Lighting - Power Retrofit: Boiler Room	Replace with 6 LED (2) 12W Module StdElectronic	\$1 + \$10 Maint. Savings / 0.0 MMBTU	\$819	0.16	73.2	41.9

Table 4.1 YK Fitness Center, Bethel, Alaska PRIORITY LIST – ENERGY EFFICIENCY MEASURES							
Rank	Feature	Improvement Description	Annual Energy Savings	Installed Cost	Savings to Investment Ratio, SIR	Simple Payback (Years)	CO ₂ Savings
19	Lighting - Power Retrofit: Fitness Room	Replace with 7 LED (18) 12W Module (2) StdElectronic	\$144 + \$35 Maint. Savings / -3.7 MMBTU	\$3,311	0.11	18.5	5,977.6
20	Setback Thermostat: Fan Room	Implement a Heating Temperature Unoccupied Setback to 60.0 deg F for the Fan Room space.	\$0 / 0.0 MMBTU	\$325	0.00	999.9	0.0
	TOTAL, all measures		\$51,254 + \$945 Maint. Savings / 1089.8 MMBTU	\$36,377	19.88	0.7	253,929.6

Table Notes:

¹ Savings to Investment Ratio (SIR) is a life-cycle cost measure calculated by dividing the total savings over the life of a project (expressed in today's dollars) by its investment costs. The SIR is an indication of the profitability of a measure; the higher the SIR, the more profitable the project. An SIR greater than 1.0 indicates a cost-effective project (i.e. more savings than cost). Remember that this profitability is based on the position of that Energy Efficiency Measure (EEM) in the overall list and assumes that the measures above it are implemented first.

² Simple Payback (SP) is a measure of the length of time required for the savings from an EEM to payback the investment cost, not counting interest on the investment and any future changes in energy prices. It is calculated by dividing the investment cost by the expected first-year savings of the EEM.

³ StdElectronic refers to the type of florescent ballast

4.2 Interactive Effects of Projects

The savings for a particular measure are calculated assuming all recommended EEMs coming before that measure in the list are implemented. If some EEMs are not implemented, savings for the remaining EEMs will be affected. For example, if ceiling insulation is not added, then savings from a project to replace the heating system will be increased, because the heating system for the building supplies a larger load.

In general, all projects are evaluated sequentially so energy savings associated with one EEM would not also be attributed to another EEM. By modeling the recommended project sequentially, the analysis accounts for interactive effects among the EEMs and does not "double count" savings.

Interior lighting, plug loads, facility equipment, and occupants generate heat within the building. When the building is in cooling mode, these items contribute to the overall cooling demands of the building; therefore, lighting efficiency improvements will reduce cooling requirements in air-conditioned buildings. Conversely, lighting-efficiency improvements are anticipated to slightly increase heating requirements. Heating penalties and cooling benefits were included in the lighting project analysis.

4.3 Building Shell Measures

(There were no improvements in this category)

4.4 Mechanical Equipment Measures

4.4.2 Ventilation System Measures

Rank	Description	Recommendation			
1	Correct occupied vs unoccupied schedule, increase heat recovery usage.	Reduce occupied schedule on BAS computer to match actual building open hours. Increase heat recovery system discharge air setpoint to 70 or 75degF to use more of the available sensible and latent heat in the natatorium exhaust air. Air handling units with heat recovery coil can recover roughly 60%-90% of exhaust air heat, especially when the exhaust air is damp like the natatorium air is. This will reduce the need to activate the heating coil and reduce boiler fuel usage. Setpoint change is done through the BAS computer in the fan room upstairs, change is free to do but cannot put \$0 for the cost. Cost is set to \$1			
Installation Cost	\$1	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$45,972
Breakeven Cost	\$654,407	Simple Payback (yrs)	0	Energy Savings (MMBTU/yr)	1032.3 MMBTU
		Savings-to-Investment Ratio	654,407.0		
Auditors Notes:					

4.4.3 Night Setback Thermostat Measures

Rank	Building Space	Recommendation			
2	Lobby, Locker Rooms, Exercise Rooms	Implement a Heating Temperature Unoccupied Setback to 65.0 deg F for the Lobby, Locker Rooms, Exercise Rooms space.			
Installation Cost	\$1	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$3,972
Breakeven Cost	\$57,032	Simple Payback (yrs)	0	Energy Savings (MMBTU/yr)	90.8 MMBTU
		Savings-to-Investment Ratio	57,031.5		
Auditors Notes:					

Rank	Building Space	Recommendation			
20	Fan Room	Implement a Heating Temperature Unoccupied Setback to 60.0 deg F for the Fan Room space.			
Installation Cost	\$325	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$
Breakeven Cost	\$	Simple Payback (yrs)	1000	Energy Savings (MMBTU/yr)	0.0 MMBTU
		Savings-to-Investment Ratio	0.0		
Auditors Notes:					

4.5 Electrical & Appliance Measures

4.5.1 Lighting Measures

The goal of this section is to present any lighting energy conservation measures that may also be cost beneficial. It should be noted that replacing current bulbs with more energy-efficient equivalents will have a small effect on the building heating and cooling loads. The building cooling load will see a small decrease from an upgrade to more efficient bulbs and the heating load will see a small increase, as the more energy efficient bulbs give off less heat. The lighting schedule used in AkWarm-C© follows the building’s BAS lighting schedule that was observed onsite. The assumed schedule is below.

The screenshot displays a configuration window for lighting schedules. At the top, it states "All dates not defined by other seasons". Below this, there are three sections, each representing a high-use period. Each section includes a row of days (Mon-Sun) with checkboxes and a "High Use Times" section with "From" and "To" time pickers. The first section has Mon, Tue, Wed, Fri checked and a time range of 5:00 AM to 10:00 PM. The second section has Thu, Fri checked and a time range of 4:30 PM to 10:00 PM. The third section has Sat checked and a time range of 9:30 AM to 10:00 PM. Each section also includes an "Add a High-Use Period" button.

4.5.1a Lighting Measures – Replace Existing Fixtures/Bulbs

Rank	Location	Existing Condition	Recommendation
3	Entry Corridor	8 FLUOR T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 8 LED 12W Module StdElectronic
	Installation Cost	\$996	Estimated Life of Measure (yrs) 15
	Breakeven Cost	\$509	Simple Payback (yrs) 19
		Savings-to-Investment Ratio	0.5
			Energy Savings (\$/yr) \$14
			Energy Savings (MMBTU/yr) -0.3 MMBTU
			Maintenance Savings (\$/yr) \$40
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (8) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.			

Rank	Location	Existing Condition		Recommendation	
4	Equipment Platform Stairwell	2 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching		Replace with 2 LED (2) 12W Module StdElectronic	
Installation Cost	\$273	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$
Breakeven Cost	\$130	Simple Payback (yrs)	26	Energy Savings (MMBTU/yr)	0.0 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$10
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (2) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
5	Equipment Platform	23 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching		Replace with 23 LED (2) 12W Module StdElectronic	
Installation Cost	\$3,140	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$7
Breakeven Cost	\$1,473	Simple Payback (yrs)	26	Energy Savings (MMBTU/yr)	-0.2 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$115
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (23) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (46) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
6	Office and Concessions	8 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching		Replace with 8 LED (2) 12W Module StdElectronic	
Installation Cost	\$1,092	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$27
Breakeven Cost	\$505	Simple Payback (yrs)	16	Energy Savings (MMBTU/yr)	-0.7 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$40
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (16) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
7	Lobby and Gallery	35 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching		Replace with 35 LED (2) 12W Module StdElectronic	
Installation Cost	\$4,778	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$115
Breakeven Cost	\$2,196	Simple Payback (yrs)	16	Energy Savings (MMBTU/yr)	-2.9 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$175
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (35) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (70) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
8	Locker Rooms	22 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 22 LED (2) 12W Module StdElectronic		
Installation Cost	\$3,003	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$72
Breakeven Cost	\$1,379	Simple Payback (yrs)	16	Energy Savings (MMBTU/yr)	-1.8 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$110
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (22) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (44) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
9	Lifeguard Office	5 FLUOR (2) T5 45.2" F54W/T5 HO Standard (2) StdElectronic with Manual Switching	Replace with 5 LED (2) 25W Module (2) StdElectronic		
Installation Cost	\$683	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$18
Breakeven Cost	\$310	Simple Payback (yrs)	16	Energy Savings (MMBTU/yr)	-0.5 MMBTU
		Savings-to-Investment Ratio	0.5	Maintenance Savings (\$/yr)	\$25
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (5) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (10) lamps with 25w T5 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
10	Gallery	7 FLUOR (2) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching	Replace with 7 LED (2) 25W Module StdElectronic		
Installation Cost	\$956	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$52
Breakeven Cost	\$426	Simple Payback (yrs)	11	Energy Savings (MMBTU/yr)	-1.3 MMBTU
		Savings-to-Investment Ratio	0.4	Maintenance Savings (\$/yr)	\$35
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (14) lamps with 25w T5 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
11	Restrooms	8 FLUOR (2) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching	Replace with 8 LED (2) 25W Module StdElectronic		
Installation Cost	\$1,092	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$60
Breakeven Cost	\$487	Simple Payback (yrs)	11	Energy Savings (MMBTU/yr)	-1.5 MMBTU
		Savings-to-Investment Ratio	0.4	Maintenance Savings (\$/yr)	\$40
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (8) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (16) lamps with 25w T5 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
12	Pool Mech Room	6 FLUOR (4) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching	Replace with 6 LED (4) 12W Module StdElectronic		
Installation Cost	\$963	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$39
Breakeven Cost	\$366	Simple Payback (yrs)	14	Energy Savings (MMBTU/yr)	-1.0 MMBTU
		Savings-to-Investment Ratio	0.4	Maintenance Savings (\$/yr)	\$30
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (6) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (24) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
13	Natatorium – Pool Deck	2 FLUOR (4) T5 45.2" F54W/T5 HO Standard (2) StdElectronic with Manual Switching	Replace with 2 LED (4) 25W Module (2) StdElectronic		
Installation Cost	\$321	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$30
Breakeven Cost	\$115	Simple Payback (yrs)	8	Energy Savings (MMBTU/yr)	-0.8 MMBTU
		Savings-to-Investment Ratio	0.4	Maintenance Savings (\$/yr)	\$10
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (4) lamps with 25w T5 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition	Recommendation		
14	Natatorium – Pool Deck	10 MH 400 Watt StdElectronic with Manual Switching	Replace with 10 LED 120W Module		
Installation Cost	\$4,500	Estimated Life of Measure (yrs)	20	Energy Savings (\$/yr)	\$38
Breakeven Cost	\$1,574	Simple Payback (yrs)	33	Energy Savings (MMBTU/yr)	-1.0 MMBTU
		Savings-to-Investment Ratio	0.3	Maintenance Savings (\$/yr)	\$100
Auditors Notes: Re-wire (10) fixtures to bypass or remove ballast @ 2 hr labor/fixture @ \$150/hr (add man lift per job) and replace 400w MH bulb with 120w LED equivalent bulb @ \$150 per bulb.					

Rank	Location	Existing Condition	Recommendation		
15	Natatorium – Viewing Area	7 FLUOR (6) T8 4' F32T8 32W Standard (2) Instant StdElectronic with Manual Switching	Replace with 7 LED (6) 12W Module (2) StdElectronic		
Installation Cost	\$1,631	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$7
Breakeven Cost	\$441	Simple Payback (yrs)	39	Energy Savings (MMBTU/yr)	-0.2 MMBTU
		Savings-to-Investment Ratio	0.3	Maintenance Savings (\$/yr)	\$35
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (42) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
16	Conference Room	FLUOR (6) T8 4' F32T8 32W Standard (2) Instant StdElectronic with Manual Switching		Replace with LED (6) 12W Module (2) StdElectronic	
Installation Cost	\$466	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$10
Breakeven Cost	\$125	Simple Payback (yrs)	23	Energy Savings (MMBTU/yr)	-0.2 MMBTU
		Savings-to-Investment Ratio	0.3	Maintenance Savings (\$/yr)	\$10
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (12) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
17	Natorium – Pool Deck	25 FLUOR (8) T5 45.2" F54W/T5 HO Standard StdElectronic with Manual Switching		Replace with 25 LED (8) 25W Module StdElectronic	
Installation Cost	\$8,026	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$676
Breakeven Cost	\$1,271	Simple Payback (yrs)	10	Energy Savings (MMBTU/yr)	-17.2 MMBTU
		Savings-to-Investment Ratio	0.2	Maintenance Savings (\$/yr)	\$125
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (25) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (200) lamps with 25w T5 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
18	Boiler Room	6 FLUOR (2) T8 4' F32T8 32W Standard Instant StdElectronic with Manual Switching		Replace with 6 LED (2) 12W Module StdElectronic	
Installation Cost	\$819	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$1
Breakeven Cost	\$130	Simple Payback (yrs)	73	Energy Savings (MMBTU/yr)	0.0 MMBTU
		Savings-to-Investment Ratio	0.2	Maintenance Savings (\$/yr)	\$10
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (2) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (12) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

Rank	Location	Existing Condition		Recommendation	
19	Fitness Rooms	7 FLUOR (18) T8 4' F32T8 32W Standard (2) Program StdElectronic with Occupancy Sensor		Replace with 7 LED (18) 12W Module (2) StdElectronic	
Installation Cost	\$3,311	Estimated Life of Measure (yrs)	15	Energy Savings (\$/yr)	\$144
Breakeven Cost	\$375	Simple Payback (yrs)	19	Energy Savings (MMBTU/yr)	-3.7 MMBTU
		Savings-to-Investment Ratio	0.1	Maintenance Savings (\$/yr)	\$35
Auditors Notes: Remove or bypass ballast, replace end caps if required and re-wire for line voltage in (7) fixtures @ .75 hrs/fixture labor @ \$150/hr. Replace (126) lamps with 12w T8 LED's @ \$20 ea. Maintenance savings \$5/fixture.					

APPENDICES

Appendix A – Major Equipment List

ALL SCHEDULES COMPILED FROM PLANS OR ON-SITE NAMEPLATE OBSERVATION

AIR HANDLER SCHEDULE

SYMBOL	CABINET (DIMENSIONS IN INCHES)					COMPONENTS (DIMENSIONS IN INCHES)											UNIT WEIGHT (LBS)	REMARKS
	LEN.	WIDTH	CAB. HT.	RAIL HT.	WALL	MIX BOX	FILTER (SUM.)	HRC	PHC	FILTER (WIN.)	HC	INLET PLEN.	FAN SECT.	DISCH. PLEN.	SIL. SECT.	S/A PLEN.		
AHU-1	262	104	101 TOTAL	6	4	X	X	N/A	N/A	N/A	X	X	MFR*	X	N/A	X	6,440	SOLID WALLS THROUGHOUT INTERIOR OF UNIT, ANGLE (VEE) FILTERS, 92X26 PARALLEL BLADE O/A DAMPER 92X26 PARALLEL BLADE R/A DAMPER. PROVIDE ACCESS DOORS AT MIX BOX, UPSTREAM OF FILTERS, AT INLET PLENUM AND FAN SECTIONS.
AHU-2	358.5	92	67 TOTAL	6	4	X	X	X WITH PLEN.	N/A	X	X	X	MFR*	X	X	X	9,850	SOLID WALLS UPSTREAM OF FAN AND PERFORATED LINING ON WALLS FROM FAN TO S/A PLENUM, SUMMER AND WINTER FILTER POSITIONS FOR ANGLE (VEE) FILTERS, 70X20 O/A AND R/A DAMPERS. PROVIDE ACCESS DOORS AT MIX BOX, UPSTREAM OF FILTERS, BETWEEN COIL SECTIONS, AT INLET PLENUM, FAN AND DISCHARGE PLENUM SECTIONS.
EF-1	173	102	92.5 TOTAL	6	4	N/A	X	X	N/A	N/A	N/A	X	MFR*	X	N/A	N/A	6,130	SOLID WALLS THROUGHOUT INTERIOR OF UNIT, ANGLE (VEE) FILTERS, DRAIN PANS. PROVIDE ACCESS DOORS AT FILTERS, UPSTREAM AND DOWNSTREAM OF COIL, AND AT FAN SECTION. FOUR FANS WITH DAMPERS.

PUMP SCHEDULE

SYMBOL	LOCATION	SERVICE	FLUID	TEMP. (DEG F)	GPM	HEAD (FT)	IMPLR SIZE (INCH)	MIN. EFF. (%)	RPM	MOTOR (HP,V,PH)	REMARKS
PMP-1 PMP-2	BOILER ROOM 129	BOILER CIRC	WATER	190	170	15	-	-	1,750	1,208,3	INLINE CENTRIFUGAL PUMP: GRUNDFOS 3.0LM5/4.6.
PMP-3 PMP-4	BOILER ROOM 129	BUILDING HEATING CIRC	WATER	190	340	46	-	-	1,750	10,208,3 (2 VFDS)	INLINE CENTRIFUGAL PUMP: GRUNDFOS 3.0LMB/8.3.
PMP-5 PMP-6	EQUIP PLAT. 200	SECONDARY GLYCOL CIRC	50/50 P.G./WATER	180	205	53	-	-	3,450	5,208,3	INLINE CENTRIFUGAL PUMP: GRUNDFOS 2.5LP5/4.3.
PMP-7 PMP-8	EQUIP PLAT. 200	WH-1 WH-2	WATER	190	10	25	-	-	-	1/6,115,1	INLINE CIRCULATOR PUMP: GRUNDFOS UP 26-99F.
PMP-9	EQUIP PLAT. 200	PREHEAT & RECOVERY CIRC	30/70 E.G./WATER	50	50	37	6.64	52	1,750	1,208,3 (VFD)	INLINE CENTRIFUGAL PUMP WITH VFD: TACO 1919-VFD.
PMP-10	BOILER ROOM 129	HX-1 POOL CIRC	POOL WATER	85	29	16	-	-	-	1/2,115,1	INLINE CENTRIFUGAL PUMP: GRUNDFOS UPS 40-80/4.
PMP-11	BOILER ROOM 129	HX-2 POOL CIRC	POOL WATER	85	29	16	-	-	-	1/2,115,1	INLINE CENTRIFUGAL PUMP: GRUNDFOS UPS 40-80/4.
PMP-12	BOILER ROOM 129	HX-3 SPA CIRC	SPA WATER	110	16	12	-	-	-	1/2,115,1	INLINE CENTRIFUGAL PUMP: GRUNDFOS UPS 40-80/4.
PMP-13	EQUIP PLAT. 200	HC-1 CIRC	50/50 P.G./WATER	180	116	20	-	-	-	3/4,208,3 1hp	INLINE CENTRIFUGAL PUMP: GRUNDFOS UPS 40-80/2.
PMP-14	EQUIP PLAT. 200	HC-2 CIRC	50/50 P.G./WATER	180	30	20	-	-	-	3/4,208,3 2/5 115V 1hp	INLINE CENTRIFUGAL PUMP: GRUNDFOS UPS 40-80/2.
ZP-1 ZP-2	BOILER ROOM 129	RADIANT SLAB CIRC	WATER	100	20	27	-	-	-	3/4,208,3	INLINE CIRCULATOR PUMP: GRUNDFOS UPS 40-160/2.
CP-1	EQUIP PLAT. 200	DOMESTIC HWC	POTABLE WATER	140	3	11	-	-	-	1/25,115,1	INLINE CIRCULATOR PUMP: GRUNDFOS UP 15-42FC
CP-2	EQUIP PLAT. 200	STORAGE TANK RECIRC	POTABLE WATER	140	4	6	-	-	-	85W,115,1	INLINE CENTRIFUGAL PUMP: GRUNDFOS UP 15-18 F.
SP-1	POOL MECH. 130	SUMP PUMP	NON-POTABLE WATER	100	50	15	-	-	-	1/2,115,1	FLOAT ACTIVATED SUMP PUMP: SS/CI CONSTR. RIDGID SP-500.
FTP-1 FTP-2	FST-1	FUEL OIL TRANSFER PUMP	FUEL OIL	-40 TO 70	2	-	-	-	1,800	1/3,115,1	PACKAGED PUMP SET, WEATHER PROOF HEATED ENCLOSURE. SIMPLEX MODEL SPS10.
FRP-1	GEN. SET	FUEL OIL RETURN PUMP	FUEL OIL	60	2	-	-	-	1,800	1/3,115,1	GEAR PUMP SIMPLEX: SUPER XL-11.

BOILER SCHEDULE				
SYMBOL	MFGR/MODEL	EFFICIENCY	MOTOR DATA HP/VOLTS/PH	REMARKS
B-1	Burnham V1113H	87%	2/230Vac/3ph burner	2,552 MBH input, 2,219 MBH output, nominal 87% thermal efficiency when new, manufactured 2012, SN 65357039; Power Flame burner model CR3-O
B-2	Burnham V1113H	87%	2/230Vac/3ph burner	2,552MBH input, 2,219 MBH output, nominal 87% thermal efficiency when new, manufactured 2012, SN 65357044; Power Flame burner model CR3-O

HEAT EXCHANGER SCHEDULE													
SYMBOL	LOCATION	HOT SIDE FLUID	GPM	TEMP. IN (F)	TEMP. OUT (F)	MAX WPD (PSI)	COLD SIDE FLUID	GPM	TEMP. IN (F)	TEMP. OUT (F)	MAX WPD (PSI)	MIN. OUTPUT (MBH)	REMARKS
HX-1 HX-2	BOILER ROOM 129	WATER	42	190	160	4.75	POOL WATER	29	40	82	2.50	611	BRAZED PLATE TYPE: NICKEL BRAZED, 12 PLATES. B&G BPN424-12.
HX-3	BOILER ROOM 129	WATER	35	190	160	4.60	POOL WATER (SPA)	16	40	104	1.35	500	BRAZED PLATE TYPE: NICKEL BRAZED, 22 PLATES. B&G BPN412-22.
HX-4	EQUIPMENT PLATFORM 200	WATER	203	190	160	4.10	50/50 P.G. & WATER	205	148	180	4.80	2,963	PLATE/FRAME TYPE: 46 PLATES. FLANGED CONNECTIONS. B&G P47.
HX-5	EQUIPMENT PLATFORM 200 HRE-1	50/50 P.G. & WATER	50	180	135	3.8	30/70 E.G. & WATER	50	27	70	3.6	1,000	BRAZED PLATE TYPE: 30 PLATES. B&G BP423 - 30.

HOT WATER GENERATOR SCHEDULE				
SYMBOL	MFGR/MODEL	GAL	NUMBER OF ELEMENTS	ELEMENT SIZE
WH-1,2	Amtrol Boilermate WHS- 120ZC-DW	119	N/A	N/A

PLUMBING FIXTURES

SYMBOL	FIXTURE	WASTE (INCH)	VENT (INCH)	HW (INCH)	CW (INCH)	REMARKS
P-1	WATER CLOSET	4	2	-	1	WALL MOUNTED, TOP SPUD, ELONGATED BOWL, SENSOR OPERATED FLUSH VALVE.
P-1H	WATER CLOSET	4	2	-	1	WALL MOUNTED, TOP SPUD, ELONGATED BOWL, SENSOR OPERATED FLUSH VALVE, ADA COMPLIANT.
P-2H	URINAL	2	1-1/2	-	3/4	WALL MOUNTED, SENSOR OPERATED FLUSH VALVE, ADA COMPLIANT.
P-3H	LAVATORY	1-1/2	1-1/2	1/2	1/2	WALL MOUNTED, SENSOR OPERATED FAUCET, ADA COMPLIANT.
P-4H	LAVATORY	1-1/2	1-1/2	1/2	1/2	COUNTER MOUNTED, SENSOR OPERATED FAUCET, ADA COMPLIANT.
P-5	THREE COMPARTMENT SINK	1-1/2	1-1/2	1/2	1/2	COUNTER MOUNTED, STAINLESS STEEL, TWO GOOSENECK FAUCETS.
P-6	SINGLE COMPARTMENT SINK	1-1/2	1-1/2	1/2	1/2	COUNTER MOUNTED, STAINLESS STEEL, GOOSENECK FAUCET, ADA COMPLIANT.
P-7	MOP SINK	3	2	3/4	3/4	FLOOR MOUNTED, 32" X 32", WITH 12 INCH BACKSPLASH AND MOP HANGER.
P-8	SHOWER TRIM	-	-	1/2	1/2	PRESSURE BALANCING / THERMOSTATIC MIXING VALVE AND WALL MOUNTED SHOWERHEAD.
P-8H	SHOWER TRIM	-	-	1/2	1/2	PRESSURE BALANCING / THERMOSTATIC MIXING VALVE AND WALL MOUNTED SHOWER HEAD, SINGLE LEVER MIXING VALVE, ADA COMPLIANT.
P-9H	SHOWER	2	1-1/2	1/2	1/2	PREFABRICATED ONE PIECE SHOWER MODULE, NOMINAL 36" X 36", SINGLE LEVER MIXING VALVE, ADA COMPLIANT.
P-10	WASHER MACHINE SUPPLY & DRAIN	2	1-1/2	1/2	1/2	STEEL WITH EPOXY FINISH, HOT AND COLD ANGLED VALVES, 2" DRAIN CONNECTION.
DF-1H	DRINKING FOUNTAIN	1-1/2	1-1/2	-	1/2	WALL MOUNTED, DUAL HEIGHT, NON-REFRIGERATED, ADA COMPLIANT.
EWS-1	EMERGENCY SHOWER/EYEWASH	-	-	1-1/4	-	COMBINATION EMERGENCY EYEWASH AND SHOWER, WITH TEMPERING VALVE TV-2.
TV-1	TEMPERING VALVE	-	-	3/4	3/4	AUTOMATIC TEMPERING VALVE, BOTTOM SUPPLY, 1" TOP OUTLET.
TV-2	TEMPERING VALVE	-	-	1	1	TEMPERED WATER BLENDING SYSTEM FOR EWS-1. 1-1/4" OUTLET.
HB-1	HOSE BIBB	-	-	3/4	3/4	FLUSH MOUNTED HOSE BOX WITH LOCKABLE DOOR, HOT & COLD VALVES, SCREWDRIVER STOPS, VACUUM BREAKER.
HB-2	HOSE BIBB	-	-	-	3/4	BRASS, WITH VACUUM BREAKER, WHEEL HANDLE OPERATOR.
HB-3	HOSE BIBB	-	-	-	3/4	FREEZE PROOF, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, FLUSH MOUNTED, KEY OPERATED DOOR.
FD-1	FLOOR DRAIN	2	1-1/2	-	-	CAST IRON BODY WITH ADJUSTABLE POLISHED NICKEL BRONZE TOP.
FD-2	FLOOR DRAIN	3	2	-	-	MEDIUM DUTY, CAST IRON BODY WITH ADJUSTABLE POLISHED NICKEL BRONZE TOP.
FD-3	FLOOR DRAIN	2	1-1/2	-	-	NATATORIUM DECK DRAIN: PVC CONSTRUCTION WITH FLAT CONTOUR PROFILE.
FS-1	FLOOR SINK	4	2	-	-	MEDIUM DUTY, CAST IRON, NICKEL BRONZE RIM, HINGED GRATE.

PLUG LOAD SUMMARY				
SYMBOL	FIXTURE	QTY	ESTIMATED CONSUMPTION	REMARKS
	Desktop computers with LCD monitor	5	200w	
	Personal printers/ fax machine	4	85w	
	Fetco Commercial Coffee maker	1	13.3A/120/1	
	FunPop Popcorn machine	1	8.5A/120/1	
	Amana Microwave	2	1500W	
	Arctic Air Commercial Fridge	1	8A/120/1	
	TMC Commercial Freezer	1	9.1A/120/1	
	Telecom/Server Equipment	1	3000W	

Appendix B – Benchmark Analysis and Utility Source Data

A benchmark analysis evaluates historical raw consumption and cost data for each energy type. The purpose of a benchmark analysis is to identify trends, anomalies, and irregularities which may provide insight regarding the building's function and efficiency. 36 to 48 months of historical data is an ideal period of time to gain an understanding of the building operation. 12 months of electric data and 24 months of fuel oil delivery data was provided. Electric consumption data from January 2024 through December 2024 was available. Figures B.1 and B.2 show the electric consumption and costs and fuel oil delivered and its cost for this facility and Figure B.3 shows the distribution of energy costs. The shaded cells represent the data used to calibrate the AkWarm-C model.

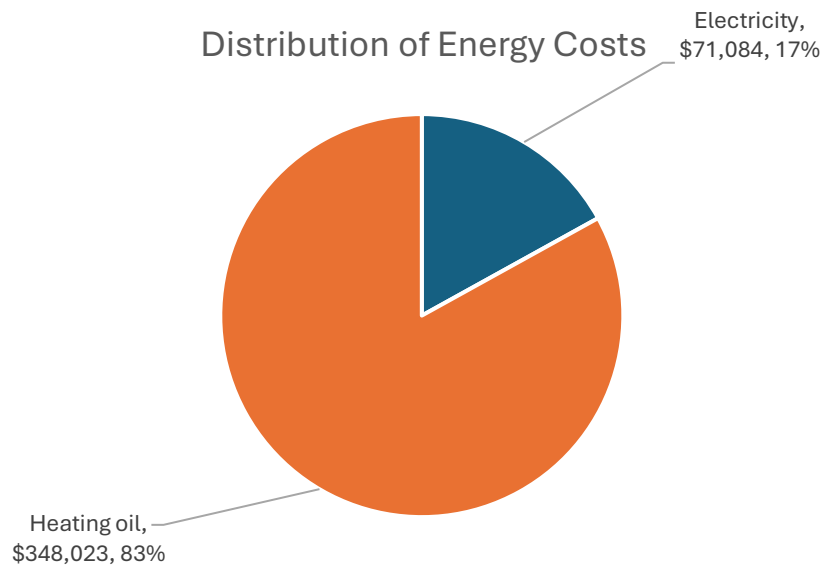
Figure B.1 – Total Building Electric Consumption and Costs

	Bethel YKFC					
	2022		2023		2024	
	kWh	cost	kWh	cost	kWh	cost
Jan	N/A	N/A	N/A	N/A	26,658	\$5,310.25
Feb	N/A	N/A	N/A	N/A	26,125	\$5,204.08
Mar	N/A	N/A	N/A	N/A	25,017	\$4,983.36
Apr	N/A	N/A	N/A	N/A	30,422	\$6,060.04
May	N/A	N/A	N/A	N/A	27,666	\$5,511.04
Jun	N/A	N/A	N/A	N/A	30,696	\$6,114.62
Jul	N/A	N/A	N/A	N/A	38293	\$7,627.94
Aug	N/A	N/A	N/A	N/A	26802	\$5,338.93
Sep	N/A	N/A	N/A	N/A	32204	\$6,415.01
Oct	N/A	N/A	N/A	N/A	31034	\$6,181.95
Nov	N/A	N/A	N/A	N/A	33609	\$6,694.89
Dec	N/A	N/A	N/A	N/A	29604	\$5,897.09
	0	\$0.00	0	\$0.00	358,130	\$71,339.20

Figure B.2 – Fuel Oil Delivery and Costs

Bethel YKFC								
	2022		2023		2024		Avg	
	gallons	cost	gallons	cost	gallons	cost	gallons	cost
Jan	n/a	n/a	8,453	\$48,767.00	9,061	\$52,277.00	8757	\$ 50,522.00
Feb	n/a	n/a	6,071	\$35,026.00	6,069	\$35,015.00	6070	\$ 35,020.50
Mar	n/a	n/a	6,607	\$38,118.00	8,543	\$49,284.00	7575	\$ 43,701.00
Apr	n/a	n/a	5,405	\$31,185.00	5,742	\$33,129.00	5574	\$ 32,157.00
May	n/a	n/a	3,429	\$19,782.00	4,110	\$23,711.00	3769	\$ 21,746.50
Jun	n/a	n/a	3,371	\$19,445.00	2,014	\$11,619.00	2692	\$ 15,532.00
Jul	2,383	\$ 13,747.00	2,152	\$12,416.00	n/a	n/a	2267	\$ 13,081.50
Aug	3,382	\$ 19,514.00	3,593	\$20,730.00	n/a	n/a	3488	\$ 20,122.00
Sep	5,374	\$ 31,002.00	2,826	\$16,306.00	n/a	n/a	4100	\$ 23,654.00
Oct	4,573	\$ 26,384.00	5,560	\$32,079.00	n/a	n/a	5067	\$ 29,231.50
Nov	4,316	\$ 24,897.00	5,035	\$29,047.00	n/a	n/a	4675	\$ 26,972.00
Dec	7,497	\$ 43,251.00	5,081	\$29,314.00	n/a	n/a	6289	\$ 36,282.50
	27,525	\$158,795.00	57,585	\$332,215.00	35,540	\$205,035.00	60,325	\$348,022.50

Figure B.3 - Distribution of Energy Costs

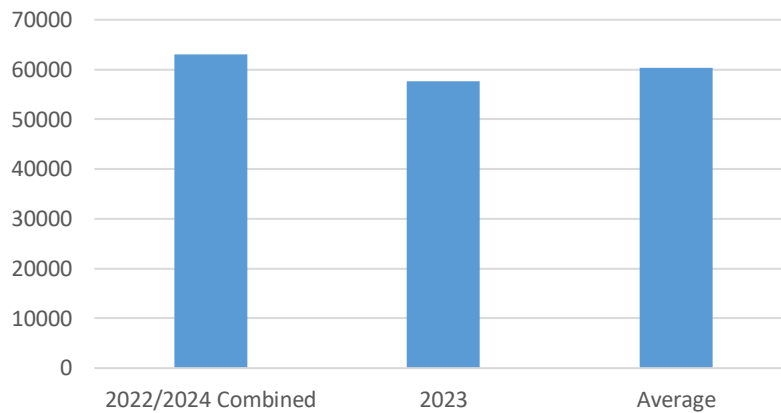


Electricity: The community was only able to provide one year of electric consumption data. Unfortunately, multiple years were not available for comparison.

Fuel Oil: Partial fuel oil data was available. The last half of 2022 and the first half of 2024 was available and combined, and the entire 2023 data was available. The average of 2022/2024 and 2023 is shown below as well. With the little data available it appears that the heating oil consumption has stayed fairly consistent.

Figure B.4

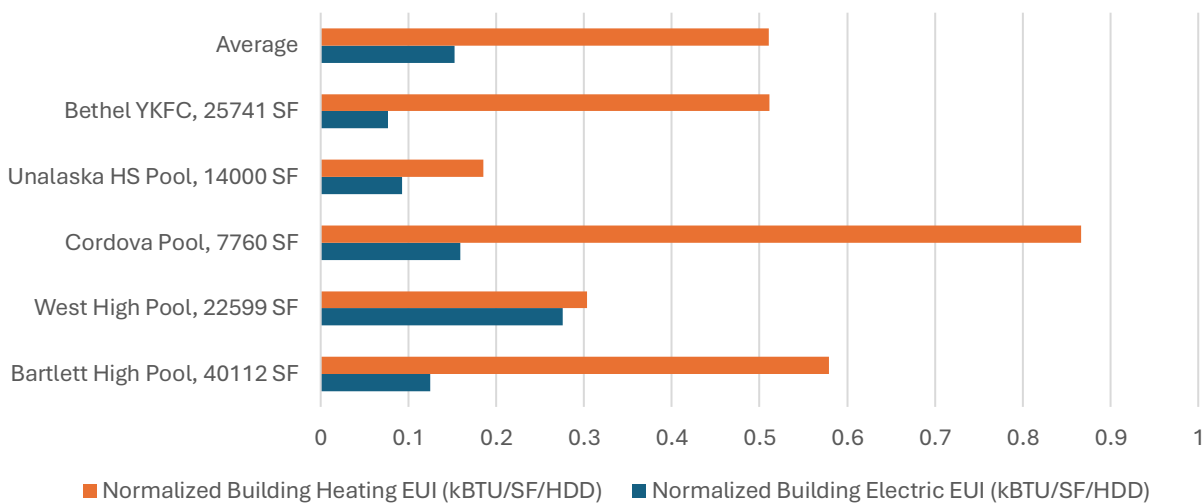
Annual heating oil use (gallons)



Comparing EUIs: Figure B.5 and the discussion in Section 1.5 above show that this building’s use of electricity on a per square foot basis is less than the comparison buildings; this could be attributed to higher efficiency pumps and VFDs. Figure B.5 shows that the building’s annual use of fuel oil is above average compared to the other buildings, but this is to be expected with the colder climate. Bethel has 32.6% more heating degree days than average and uses 33% more fuel oil than average showing that the building is running very similarly to the comparison buildings.

Figure B.5 – EUIs

Normalized Comparison of Pool EUIs (kBTU/SF/HDD)



After performing the historical analysis in Section 1.5 and above, a baseline period is selected as a benchmark. This is based on factors including the consistency of the data, the periods for which data was available and the current use and occupancy of the building versus its historical use and occupancy. The benchmark baseline periods selected for this building are shown in the shaded cells of Figures B.1 for electricity Figure B.2 for fuel oil.

Appendix C – Additional EEM Cost Estimate Details

EEM Cost Estimates

Installed costs for the recommended EEMs in this audit include the labor and equipment required to implement the EEM retrofit, but engineering (if required) and construction management costs are excluded; they can be estimated at 15% of overall costs. Cost estimates are typically +/- 30% for this level of audit, and are derived from and one or more of the following:

- The labor costs identified below
- Means Cost Data
- Industry publications
- The experience of the auditor
- Local contractors and equipment suppliers
- Specialty vendors

Labor rates used:

Certified Electrician

\$150/hr

This level of work includes changing street light heads, light fixtures, running new wires for ceiling or fixture-mounted occupancy and/or daylight harvesting sensors, etc.

Common mechanical & electrical work

\$ 45/hr

Includes installing switch-mounted occupancy sensors which do not require re-wire or pulling additional wires, weather-stripping doors and windows, replacing ballasts, florescent lamps and fixtures, exterior HID wall packs with LED wall packs, replacing doors, repairing damaged insulation, etc.

Certified mechanical work

\$150/hr

Work includes boiler replacement, new or modified heat piping and/or ducting, adding or modifying heat exchangers, etc.

Maintenance activities

\$45/hr

Includes maintaining light fixtures, door and window weather-stripping, changing lamps, replacing bulbs, etc.

EEM	Unit	Labor (hrs)	Labor rate	Labor cost	Parts cost (including shipping)	Total cost
T8 or T12 replacement: Remove or bypass ballast, replace end caps if required and re-wire for line voltage	per fixture	0.75	\$150	\$113		\$113
Replace 48" T8 or T12 with T8 LED	per lamp	0.75	\$150	\$113	\$12	\$125
Replace T8 or T12 U-tube with T8 LED	per lamp	0.75	\$150	\$113	\$15	\$128
Replace 24" T8 or T12 with T8 LED	per lamp	0.75	\$150	\$113	\$12	\$125
Replace 36" T8 or T12 with T8 LED	per lamp	0.75	\$150	\$113	\$12	\$125
Replace 96" T8 or T12 with T8 LED	per lamp	0.75	\$150	\$113	\$20	\$133
A-type incandescent or CFL, replace with LED	bulb	0	\$0	\$0	\$5	\$5
CFL Plug-in, 11w, 13w or 14w replace with 4.5w to 9w LED	bulb	0	\$0	\$0	\$5	\$5
CFL Plug-in, 23w, 26w or 32w replace with 12w to 15w LED	bulb	0	\$0	\$0	\$5	\$5
BR30 or BR36 incandescent or CFL, replace with LED	bulb	0	\$0	\$0	\$10	\$10
HPS or MH400w, cobra-head pole light, replace with 80w cobra-head	fixture	3	\$150	\$450	\$600	\$1,050
HPS or MH 50w, replace with 17w LED fixture with integral photocell	fixture	1	\$150	\$150	\$125	\$275
HPS or MH 100w, replace with 34w LED fixture	fixture	1.5	\$150	\$225	\$125	\$350
HPS or MH 250w, replace with 72w LED fixture	fixture	1.5	\$150	\$225	\$350	\$575
HPS or MH 400w, replace with 115w LED fixture	fixture	1.5	\$150	\$225	\$450	\$675
High Bay 250w HPS or MH fixture, replace fixture with LED fixture with integral occupancy sensing	fixture	2	\$150	\$300	\$500	\$800
High Bay 400w HPS or MH fixture, replace fixture with LED fixture with integral occupancy sensing	fixture	2	\$150	\$300	\$500	\$800
Switch mounted occupancy sensor	sensor	1	\$150	\$150	\$125	\$275
Ceiling mounted occupancy sensor	sensor	1	\$150	\$150	\$175	\$325
Dual technology occupancy sensor	sensor	1	\$150	\$150	\$195	\$345
200 MBH boiler or smaller, replacement						\$30,000
200-500 MBH boiler replacement						\$100,000
500-1300 MBH boiler replacement						\$125,000
Air Sealing	\$1.00/SF total cost					
Blown in cellulose attic insulation	AkWarm-C library costs x 150%					
Replacement windows	AkWarm-C library costs x 150%					

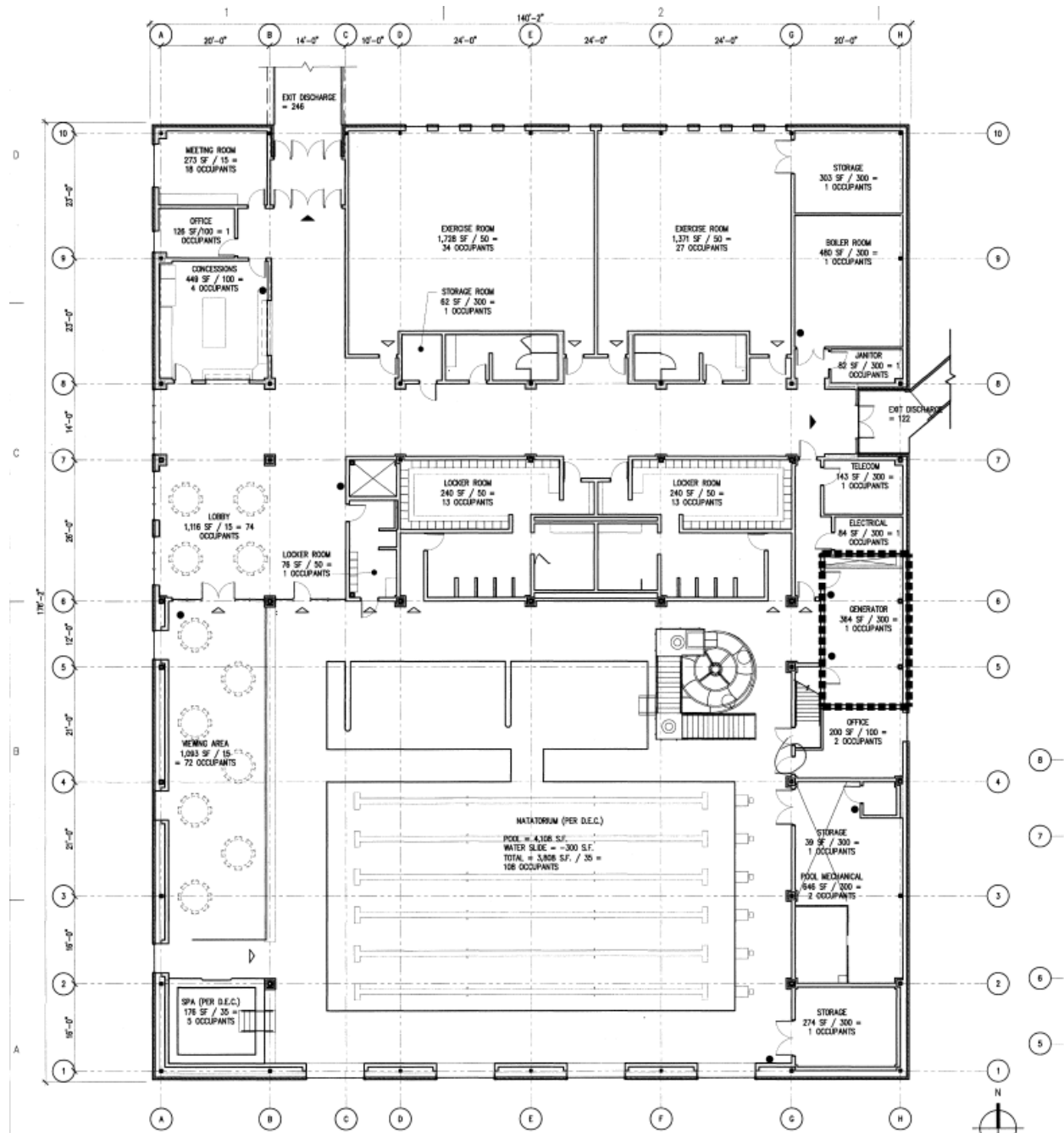
Appendix D – Project Summary & Building Schematics

ENERGY AUDIT REPORT – PROJECT SUMMARY	
General Project Information	
PROJECT INFORMATION	AUDITOR INFORMATION
Building: YK Fitness Center	Auditor Company: ANTHC - DEHE
Address: 267 Akiachak Dr	Auditor Name: Christian Webb
City: Bethel	Auditor Address: 4500 Diplomacy Dr Anchorage, AK 99508
Client Name: Shane Iverson	Auditor Phone: (907) 729-3600
Client Address:	Auditor FAX: () -
Client Phone: (907) 207-9122	Auditor Comment:
Client FAX:	
Design Data	
Building Area: 25,741 square feet	Design Space Heating Load: Design Loss at Space: 1,449,287 Btu/hour with Distribution Losses: 1,525,565 Btu/hour Plant Input Rating assuming 82.0% Plant Efficiency and 25% Safety Margin: 2,325,556 Btu/hour Note: Additional Capacity should be added for DHW and other plant loads, if served.
Typical Occupancy: 31 people	Design Indoor Temperature: 76.9 deg F (building average)
Actual City: Bethel	Design Outdoor Temperature: -23.9 deg F
Weather/Fuel City: Bethel	Heating Degree Days: 12,543 deg F-days
Utility Information	
Electric Utility: AVEC- Bethel - Commercial - Lg	Natural Gas Provider: None
Average Annual Cost/kWh: \$0.199/kWh	Average Annual Cost/ccf: \$0.000/ccf

Annual Energy Cost Estimate									
Description	Space Heating	Space Cooling	Water Heating	Ventilation Fans	Lighting	Other Electrical	Swimming Pool	Service Fees	Total Cost
Existing Building	\$272,493	\$0	\$5,193	\$18,693	\$22,403	\$28,158	\$72,268	\$0	\$419,207
With Proposed Retrofits	\$235,363	\$0	\$5,313	\$15,505	\$11,347	\$28,158	\$72,268	\$0	\$367,953
Savings	\$37,130	\$0	-\$120	\$3,188	\$11,056	\$0	\$0	\$0	\$51,254

Building Benchmarks			
Description	EUI (kBtu/Sq.Ft.)	EUI/HDD (Btu/Sq.Ft./HDD)	ECI (\$/Sq.Ft.)
Existing Building	356.7	28.44	\$16.29
With Proposed Retrofits	314.4	25.06	\$14.29
EUI: Energy Use Intensity - The annual site energy consumption divided by the structure’s conditioned area. EUI/HDD: Energy Use Intensity per Heating Degree Day. ECI: Energy Cost Index - The total annual cost of energy divided by the square footage of the conditioned space in the building.			

BUILDING PLANS



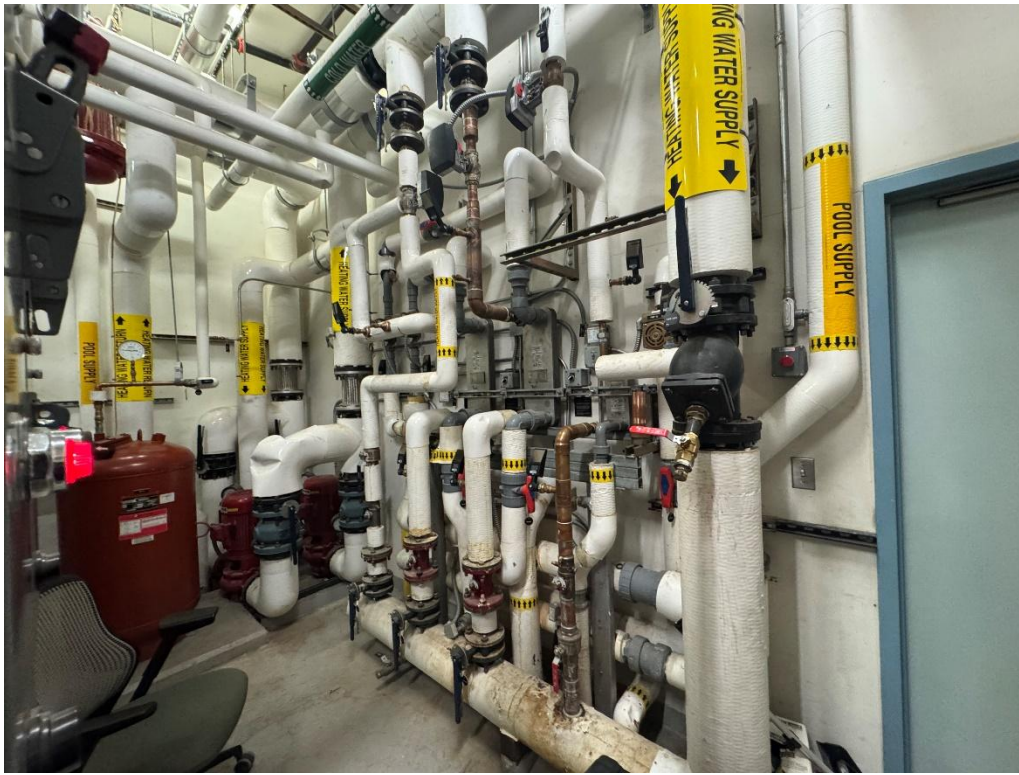
Appendix E – Photographs & IR Images



AHUs in the equipment platform



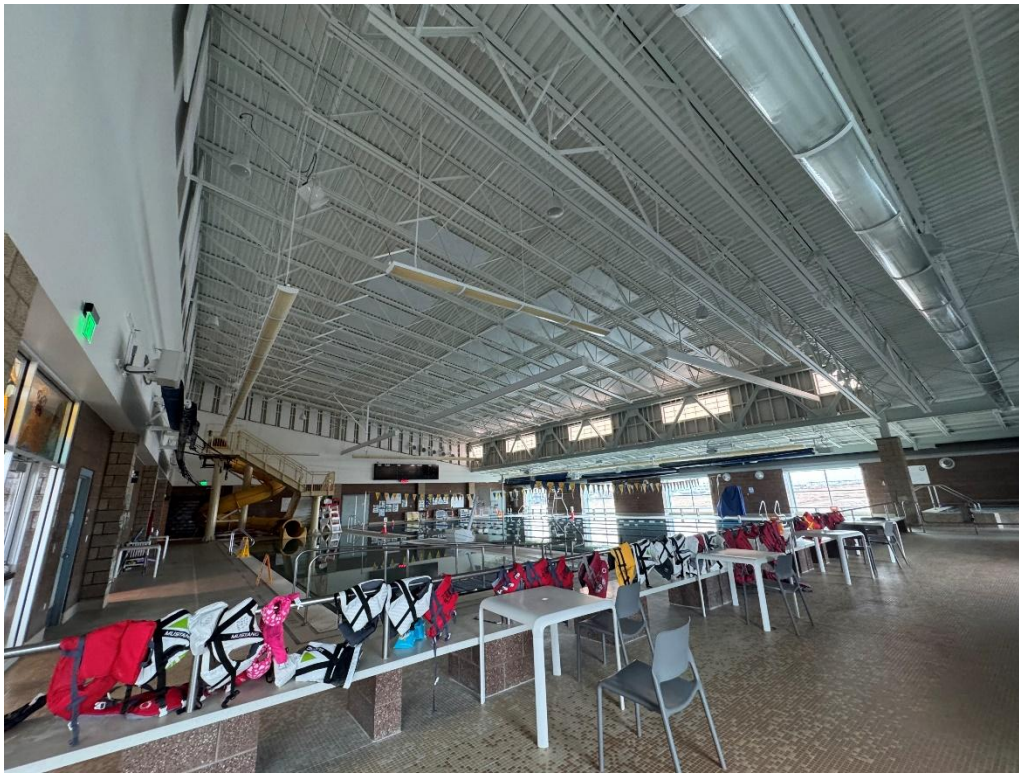
Boiler room, well insulated piping



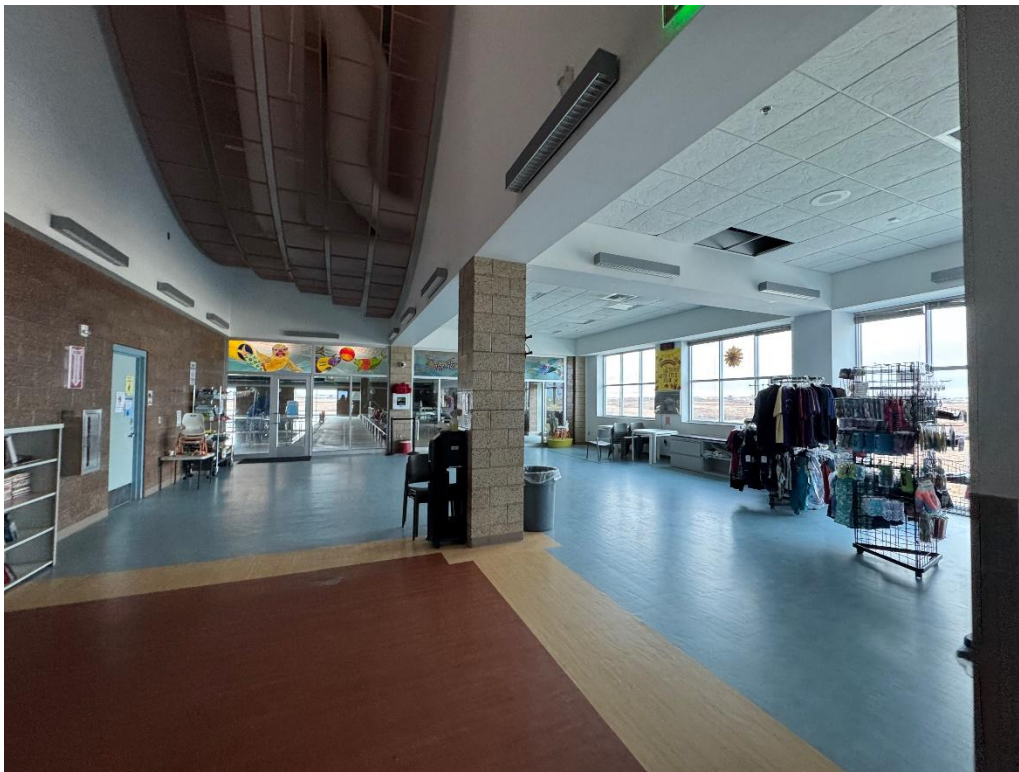
Main hydronic circulation pumps, pool and spa heating HXs



Indirect hot water generator and storage tank

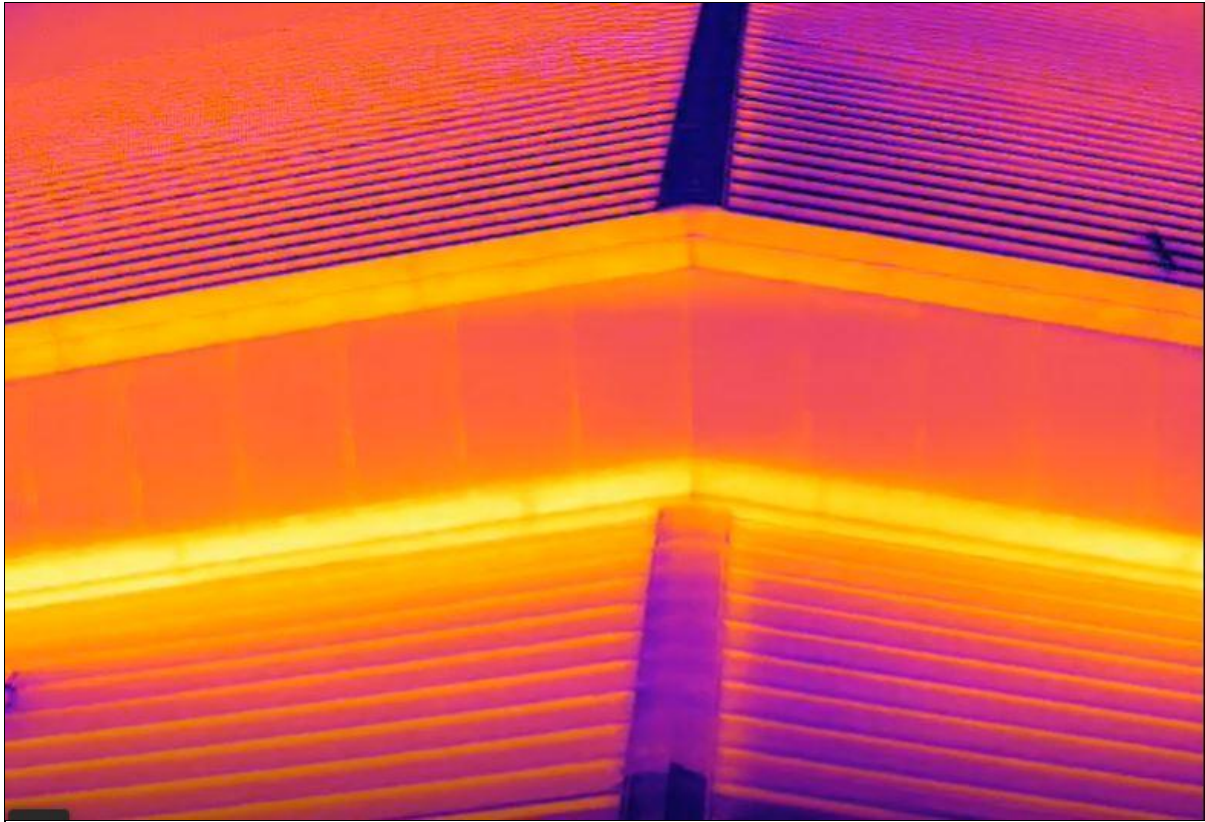


Natatorium

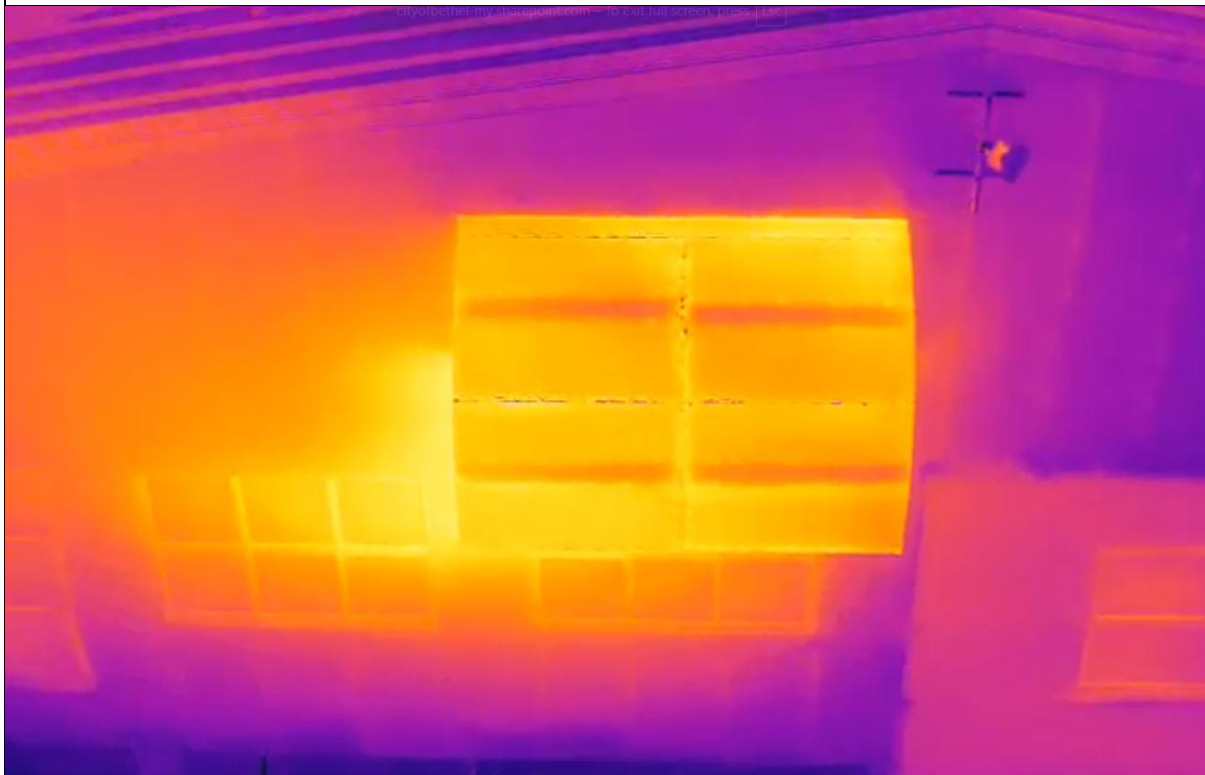


Lobby

IR Images



1. Mid-building gable end showing heat escaping at the metal flashing.

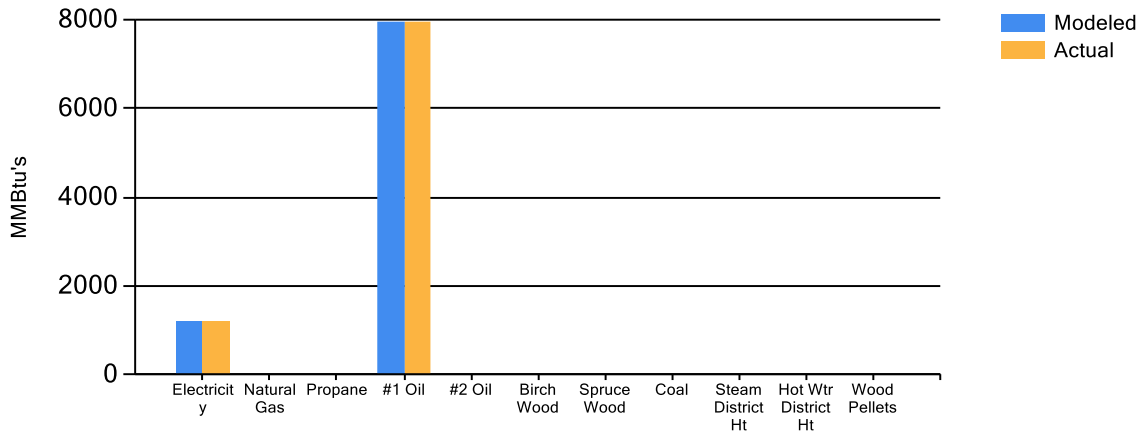


2. Exhaust air hood appears quite warm. More heat can be extracted from heat recovery coil.

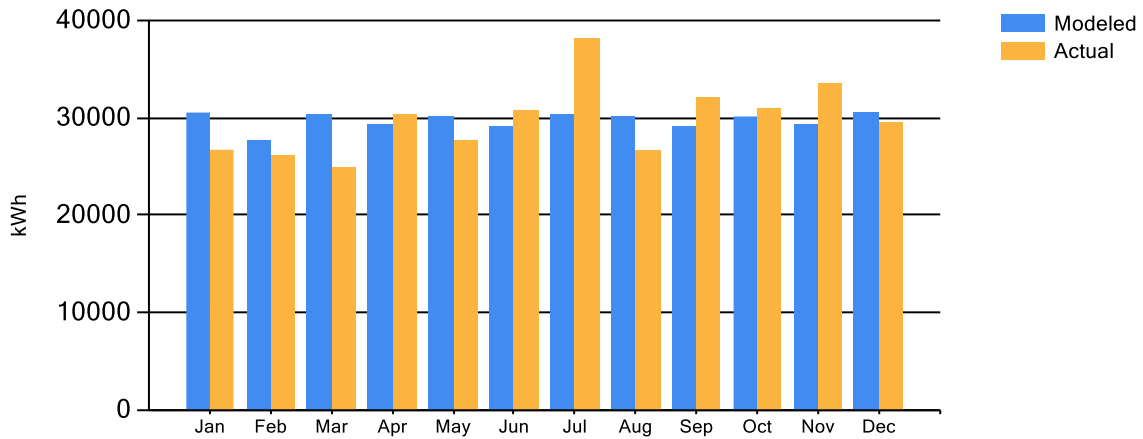
Appendix F – Actual Fuel Use versus Modeled Fuel Use

The Orange bars show Actual fuel use, and the Blue bars are AkWarm’s prediction of fuel use.

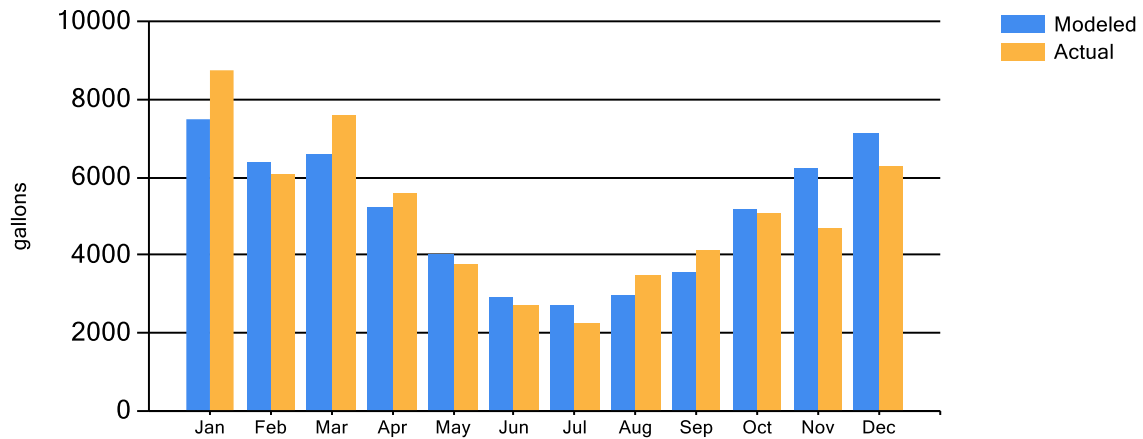
Annual Fuel Use



Electricity Fuel Use



#1 Fuel Oil Fuel Use



Appendix G – Abbreviations and Acronyms used in this Document

A	Amp
AHU	Air Handling Unit
ASHRAE	American Society of Heating Refrigeration and Air Conditioning Engineers
BAS	Building Automation System
CFL	Compact florescent lamp
CFM	Cubic Feet per Minute
CO ₂ /CO ₂	Carbon Dioxide
DHW	Domestic Hot Water
ECI	Energy Cost Index
ECM	Energy Conservation Measure (no or low cost), also called O & M recommendations
EEM	Energy Efficiency Measure
EF	Exhaust Fan
EOL	End of Life
EPA	Environmental Protection Agency
EUI	Energy utilization (or use) Index
F	degrees Fahrenheit
Ft	Foot
gal	Gallons
gpf	Gallons per flush
gpm	Gallons per minute
HDD	Heating Degree Day
HP	Horse Power
HPS	High Pressure Sodium
Hr	Hour
HVAC	Heating Ventilation and Air Conditioning
IR	Infra-Red
K	degrees Kelvin
kBTU	1000 BTU
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light emitting diode
MBH	1,000 BTU/hour
MMBTU	1,000,000 BTU
O & M	Operations and Maintenance
OIE	Office of Indian Energy
OSA	Outside Air
PLMD	Plug Load Management Device (occupancy sensing power strip)
PPM	Parts per million
RA	Return Air
REF	Return Air Fan
ROI	Return on Investment
SA	Supply air
SF/SqFt	Square feet or Square foot
SIR	Savings to Investment Ratio
w	Watt
WC	Water Closet (toilet)

City of Bethel, Alaska

City Manager's Office September 24, 2025 – October 6, 2025

Partnerships

Independent Power Producer (IPP):

As a follow-up to the meeting noted in the previous report, on October 2, Grant Manager John Sargent and Finance Director Jim Cheigny met with Walter Jim from ONC, and James Jensen and Ian Tilford from the Office of Indian Energy. The group discussed the community's goal of establishing an Independent Power Producer (IPP) in Bethel. A follow-up meeting is scheduled for October 7, which will also include representatives from the Alaska Native Tribal Health Consortium (ANTHC).

Lighting Improvements:

The City is collaborating with ONC to identify roadway lighting improvement opportunities. ONC plans to apply for a grant in January, and has requested that the City identify priority locations for lighting enhancements. The City will prioritize high-traffic vehicle and pedestrian areas with low visibility that fall within ONC's road inventory. Staff will begin developing a plan within the next few weeks.

Regional Resource Coordination Committee (RRCC)

On October 3, Planning Director Lee Foley provided the RRCC with an overview and update of the City's Hazard Mitigation Plan. The RRCC includes representatives from several organizations, including AVCP divisions, the Lower Kuskokwim School District (LKSD), and the Yukon-Kuskokwim Health Corporation (YKHC).

Yukon-Kuskokwim Delta Regional Multidisciplinary Team

Administration attended the Regional Multidisciplinary Team Meeting on September 26. The team includes representatives from:

- Alaska State Troopers
- Bethel Family Clinic
- Bethel Police Department
- Irniamta Ikayurviat
- Yukon-Kuskokwim Children's Advocacy Center
- State of Alaska, Division of Juvenile Justice
- State of Alaska, 4th Judicial District (Bethel District Attorney's Office)
- State of Alaska, Office of Children's Services – Western Regional Office
- Tundra Women's Coalition
- Yukon-Kuskokwim Health Corporation (Medical and Behavioral Health-Outpatient Divisions)

The group is currently working on updates to the Agency Memorandum of Understanding (MOU).

Projects

Tundra Ridge Road Improvements

During the week of September 29, Tundra Ridge Road received a much-needed facelift. Last year, the State completed a rehabilitation project on this roadway as part of the Statewide Transportation Improvement Plan (STIP). However, the rock material specified for that project did not produce sufficient “fines,” resulting in a surface that lacked the necessary compaction and strength. This led to issues such as rutting and potholes.

To address these problems, the City made a significant investment by applying new gravel to the road surface to improve its durability and long-term stability. The City has communicated these concerns to the State to help ensure that similar materials are not used in future projects.

H Marker Road Rehabilitation

Rehabilitation work also took place on H Marker Road during the week of September 29. This roadway has frequently been affected by high water levels, which at times rendered it impassable. The Streets and Roads Division raised the road grade and enhanced drainage to support improved stability and year-round accessibility.

City Subdivision Water System Repairs

That same week, crews responded to a glycol leak in the City Subdivision water system. The project required close coordination among the Piped Utility, Facility Maintenance, and City Subdivision Water Treatment Plant teams. To access the affected lines, staff temporarily disconnected two boilers located in the Teen Center. Once the repairs were completed, the Facility Maintenance team reinstalled the boilers and restored the system to full operation. This was a complex project that required significant collaboration and effort.

Facility Maintenance – Heat Exchanger Repair

In addition, the Facility Maintenance Division repaired a heat exchanger at the City Subdivision Water Treatment Plant, helping ensure reliable heating and system performance as colder weather approaches.

Piped Utilities

The Piped Utilities team continues efforts to improve and restore facilities that have experienced years of deferred maintenance. Recently, the team rebuilt the deck at the “old shop” and is actively organizing and inventorying tools and equipment to improve efficiency and workspace safety.



YK Fitness Center

The replacement pump for the YK Fitness Center hot tub has arrived. While the Facility Maintenance team does not currently have the capacity to install it this week, installation is planned within the next few weeks as resources allow.

Miscellaneous

Coffee with KYUK: The City Manager participated in *Coffee with KYUK* on September 29th to discuss the City's new utility guides.

City of Bethel FY24 Audit: The Finance Department is making significant progress on outstanding audits. Over the past month, staff have been responding to test work requested by Altman Rogers & Co. The auditors are scheduled to perform the FY24 audit the week of November 3rd.

US Department of Energy Visit: Dr. Huberto E. Garcia, Ph.D., Directorate Fellow at Idaho National Laboratory, was scheduled to visit Bethel this month to meet with AVEC and LKSD students and discuss emerging technologies that integrate AI with energy sources. The visit was canceled due to funding limitations, but we hope to reschedule in the future.

Director of Public Safety Recruitment: The application period for the Director of Public Safety position closes on October 28th. Administration will form a hiring committee to review and evaluate qualified candidates.

Electrical Work: The City's electrician contractor will be in Bethel the week of October 13th to:

- Disconnect the electrical connection from the Bethel Heights Water Treatment Plant backwash tank,
- Address lighting issues at the YK Fitness Center parking lot, and
- Install a new outlet at the Port to place the City's leased building on its own meter.

Community Events: The annual Scarecrow Hunt and the Cleanup Freeze-Up events have been initiated.

Plastic-Free Campaign Donation: Following coordination with Beverly Hoffman, Alaska Community Action on Toxics has generously donated 215 canvas tote bags to support the City's plastic-free campaign.

Ordinance 25-13 Notices: The City has provided notice of Ordinance 25-13 to local businesses. Public notifications will follow in the coming weeks.

Community Parks & Recreation Report – September 2025

By: Dept. Director, Shane Iverson

YKFC Transition

- Two new Certified Lifeguards: we added 2 new certifications to our staff. Both adults, one Jesuit Volunteer.
- Two new Certified Lifeguard **Instructors** (pending.completion.of.training.at.time.of.writing);
- Continue to blend positions to maximize staff quality and reduce overall staff hours.

Programming

- Regular Swim & Fitness Lessons continue for Bethel Youth Facility, Kuskokwim Learning Academy McCann Center.
- Adapting policy to allow waivers for 14-15 y.o. to participate in sanctioned school based, strength training programs, in the weight room.
- Video demos of all weight room equipment are now available through attached QR codes.
- Memorial Tree Planting 20 White Spruce planted around Pinky's Park by community members
- Fitness Bingo Challenge
- Clean up Freeze Up

Dog Park

- City Administration reviewing Riverside Park designations and preparing Conditional Use Permit.

Facilities

- Auto- chlorinator: fixed
- Spa Pump has been shipped. Installation to follow.
- Lifeguard shortage has improved, on average. We've held rec-swim 5 of 6 days per week the last 2 weeks. New HS sports schedule will create new challenges/opportunities for staffing.

Upcoming

- Certify 3 staff members in Water Safety Instruction (future swim lesson instructors)
- Membership card experiment to look for ways to further increase efficiency
- Begin recreational programming for youth two days per week (Saturday and Tuesday likely)
- BLS, Basic Life Support, (CPR, AED, Airway) training for non-lifeguard staff.
- PFD Annual Membership Sale
- Squatober Fitness Challenge

- END REPORT-



City of Bethel
Finance Director
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(907) 543-1376 / (907) 543-3817 (fax)
www.cityofbethel.org
jchevigny@cityofbethel.net

Monthly Report to City Manager - September

TO: Lori Strickler
FROM: Jim Chevigny

- Providing detailed support to the city attorney for collecting past due sales taxes.
- Discovered and am following up on Medicaid billings for ambulance call-outs that have not been managed and collected since March, 2024, totaling more than \$225,000.
- Reviewing detailed line item sales tax monthly reports in order to verify whether remote sellers are correctly reporting their sales into Bethel. It appears some may not be reporting correctly and I have started the process of communicating with those companies.
- Working with the sales tax accountant to better manage that area of revenue for the city. This includes developing a reliable system of communicating with businesses to bring them into compliance.
- Together with V&E, have developed a reliable system to auction equipment the city no longer needs. The first nation-wide auction takes place October 16th and we have negotiated a contract that appears to be favorable to the city, decreasing their standard commission by one-third.
- Determined which investment and bank accounts are earning interest and how best to manage these accounts going forward.
- The City has several sales tax forms and a sales tax code that are somewhat complicated for a business owner to use and understand. I am developing several ideas that should make the penalties and interest sections more clear and user friendly, eliminating confusion. These will be submitted to the city manager to consider for council approval.
- Several contracts were reviewed and comments submitted.
- The RFP for leveling the Courthouse and City Hall was awarded and I have been in contact with the contractor, Northern Contractors, to answer questions and provide support as needed. Their initial payment for mobilization has been paid and their schedule calls for their entire crew to begin work October 14th.
- A decision to sell the vehicle stored at the Anchorage airport was made and it has been moved from that facility. Insurance has been verified, the title located and it should be ready for sale shortly. I am coordinating this process with the police chief.
- I analyzed the GCI monthly service billing and found equipment no longer needed, services that were incorrectly priced and email accounts that have not been used in many years. The October statement will be much easier to read and costs have been saved.

- I am analyzing what amounts are to be set aside for specific purposes and whether they have been properly funded and accounted for. This requires determining what set asides are required, in what amount and the history of each. An example is the Seawall Maintenance account that will be updated in October.
- Together with the City Manager, have begun initial research on the feasibility of a solar panel installation of a material size in order to lower the City's electric billing. We have a \$70,000 grant in place for solar panels on the new gym, yet this research is to determine whether a solar field is feasible and whether the City can secure funding to develop it. I have spoken with a person on the Finance Committee who is familiar with an installation in the Kuskokwim area that has saved the owner more than 60% in electric costs the first year.
- Requested and received bids on equipment barged to the City that saved money.
- Initiated a project to identify every piece of Mobile Equipment and every Vehicle the City owns, verifying each is insured and at its' proper estimated value, is listed in the correct department and we have its title on file.
Once this is completed, we will determine what pieces, if any, should be sold and then will establish a five-year Mobile Equipment and Vehicle capital budget plan in a manner that will be included in the annual city budget and updated each year. This will include what pieces should be considered for retirement and what additions should be budgeted for.
- The police department has been paying almost \$600 a month for potable water, due to their wells' filtration system being inoperable and badly in need of repair. I am familiar with these systems and have negotiated for a reputable supplier to travel to Bethel to assess the existing system and provide a detailed recommendation to fix it.



City of Bethel

Finance Department

Manager's Report for September 2025

Date: October 7, 2025

To: Lori Strickler, City Manager

From: Cynthia Sharp, Deputy Finance Director

Subject: Management Report

Current Events within the Finance Department

September has been a very productive month for the Finance Department. With the addition of a couple of new team members we are now almost fully staffed. Our office hours have changed to Mon-Friday 8:30-4:30pm.

We have a new front desk person-Kayla Hendrickson

We have a new Accounts Payable person-Jocelyn Mockta

We have a new accountant-Roni Kimbrel

Welcome to the team ladies

Accounts payable/Payroll are working as a team to train Jocelyn in how we do accounts payable and as a backup for payroll.

The Auditors will be conducting a remote FY24 Audit the week of Oct 20th.

General Ledger position has been replaced by the accountant position.

Finance Committee

The Finance Committee had a quorum. Discussed the managers report and future projects.

MEMORANDUM



DATE: October 7, 2025

TO: Lori Strickler, Acting City Manager

FROM: John Sargent, Grant Manager

SUBJECT: Grant Manager’s Report for October 14, 2025 Bethel City Council Meeting

Grant Applications in Preparation

EPA Grant for Removal of Derelict Vessels

The City is working on a Memorandum of Understanding with Joe Dale for the use of his property on the Kuskokwim River that would be conducive to cutting up one or more of the barges removed from Steamboat Slough and shipping the pieces downriver by barge. The City is close to being approved by EPA to start spending some of the funding prior to full approval once EPA reviews and approves the City’s environmental review form response.

State Revolving Fund Loan Applications

I am working on three SRF Questionnaires for water and sewer projects with the goal of securing a forgiveness amount for each:

1. Structural survey of Bethel Heights Water Treatment Plant
2. Backwash tank replacement at Bethel Heights Water Treatment Plant (revision)
3. Water and Sewer truck operations center (storage facility)

Alaska Community Transit Operations Grant FY 2027

The Alaska Community Transit Operations Grant for next year is due December 19, 2025. The City is planning to maintain its current operation schedule and personnel.

Recreational Trails Grant

The City is pursuing funding for the YKHC-City Subdivision Trail that will go from the YKHC campus to the City Subdivision and avoid the highway. This will be a gravel trail with some culverts in place to facilitate water movement.

Grant Applications Submitted

Rural and Tribal Trails Grant

I prepared and submitted one grant application to the Rural and Tribal Trails Grant Program to seek \$250,000 in funding to hire a consultant to create a detailed School Access Plan that includes design and easements for trails and pathways to and around the five school buildings and LKSD administrative building. The Plan will also include road improvements, like lighting, guardrails, and widening. This unique grant is first-come, first served for applications submitted.

Grant Administration

State Revolving Fund Loan Applications

All four State Revolving Fund Loan applications have been submitted. I submitted environmental review forms for three of the projects. The Environmental Reviewer for the SRF Program had the City send a request to the State Historic Preservation Office to request a clearance letter for the QFC#2 Lift Station project and the two water plant automation projects.

Current Grants

See list on following pages.

City of Bethel Current Grants - October 2025

#	Grant	Amount	Expiration
1	Coronavirus Capital Project (CCP) Fund	\$ 9,000,000	12/31/26
<p>City of Bethel spent \$3,215,040 of the grant funds thus far and has a balance of \$5,784,960 left to spend. The grantor is using the new DCRA Grant Portal website to manage this grant.</p>			
2	Denali Commission Grant	\$ 500,000	9/30/26
<p>Design and construction of Bethel Multiuse Community Center (gym, computer facilities). Grant is active. Project funds are being charged to the grant to show federal authorities that grant funds are in play.</p>			
3	CSP - DHSS FY 2025	\$ 242,311	6/30/26
<p>City submitted a new grant budget to accommodate for the State's one-time grant reduction from \$323,081 to \$242,311 for FY 2026. The State also increased the City's match requirement, but the in-kind expenditures made to operate the Dispatch Center are more than enough to cover the match.</p>			
4	23SHSP-GY23 – Virtual Simulator & Fencing	\$ 268,000	9/30/25
<p>I expect to close this grant in October 2025. The City was able to purchase and install security fencing around the City Subdivision Water Treatment Plant and purchase one VR shooting simulator</p>			
5	Designated Legislative Grant > Dust Control	\$ 1,200,000	6/30/29
<p>City of Bethel purchased one hydroseeder and hydroseed supplies. They were delivered.</p>			
6	State and Local Cybersecurity Grant Program (SLCGP)	\$ 75,000	12/31/25
<p>The City of Bethel plans to hire a consultant to conduct a cybersecurity review of the City's IT network, equipment, software, and physical layout. The City plans to use recommendations in the plan as grant requests in a succeeding year.</p>			
7	VSW Capital Improvement Project Grant	\$ 13,860,000	
<p>DOWL completed the Design Analysis Report, the document done prior to the 35% design. In October, the City will find out if it will be awarded \$4,060,392 in additional funds to cover upcoming year expenses.</p>			
8	Last Frontier Housing Initiative	\$ 5,000,000	12/31/26
<p>The low-income housing project and City professional housing project are proceeding rapidly. Ted Stinson with UrbanKNKT, LLC is substantially done with his project. Kuqo Construction is finishing up the professional housing units they are constructing in City Center.</p>			
9	State Homeland Security Program Grant - SFY 25	\$ 9,000	9/30/26
<p>This grant will cover the cost of paying a trainer to come to Bethel to teach ICS-300, an Incident Command System course for first responders and municipal administrators who may play a role in a major emergency situation.</p>			

10	Safe Streets 4 All Grant	\$ 52,800	TBD
The City of Bethel signed the grant agreement. City waiting for dually signed agreement before beginning grant work.			
11	Justice Assistance Grant (JAG)	\$ 11,116	9/30/25
The City asked for an extension on this grant in order to complete the project with funds from a federal earmark for the same purpose. Senator Murkowski's office announced that the City's request for \$70,000 was approved for this camera/card reader purchase. No JAG funds have been spent to date.			
12	Energy Efficiency and Conservation Block Grant (EEBG)	\$ 75,220	9/30/26
Solar panel installation on YK Fitness Center. Project likely to begin once UIC begins construction of Bethel Community Center (gymnasium). Parks and Rec. Director assumed role of Project Manager for this grant.			
13	Rasmuson Foundation Grant	\$ 250,000	1/31/26
This grant will cover part of the cost of constructing a new animal shelter in Bethel, once construction initiated.			
14	Community Transit Operating Grant	\$ 184,131	6/30/25
Transit Manager Evon Fox manages the daily operation of the transit system, handles all purchases, and completes monthly billing summaries and quarterly reports. FY 26 grant began July 1, 2025 and will run until June 30, 2026.			
15	Community Transit Capital Grant	\$ 853,563	6/30/26
This grant covers the capital cost of a new boiler in the transit center and the purchase of two new buses. Two buses purchased and in use. This grant project was completed.			
16	QFC#2 Lift Station Improvements - SRF Loan /100% forgiven	\$ 975,000	TBD
Required environmental review form and SHPO letter.			
17	Bethel Heights Water Treatment Plant Automation - SRF Loan	\$ 1,418,000	TBD
100% forgiven. Required environmental review form and SHPO letter.			
18	City Subdivision Water Treatment Plant Automation - SRF Loan	\$ 1,369,000	TBD
100% forgiven. Required environmental review form and SHPO letter.			
19	Purchase of One Sewer Haul Truck - SRF loan /100% forgiven	\$ 315,009	TBD
Loan agreement coming soon.			

Total \$ 35,658,150



CITY OF BETHEL

Post Office Box 1388

Bethel, Alaska 99559

Phone: 907-543-2047

TO: City Manager
FROM: Human Resources
SUBJECT: Monthly Manager Report

DATE: September 30, 2025

The following addresses significant projects that were in addition to general personnel action-based activities during the week (hiring, terminations, benefits review, employee support, etc):

Recruitment and Hiring

The City received 41 applications this month and has filled some departments. The Finance Department is fully staffed, as is the Fire Department. Vehicle Maintenance and CDL Drivers continue to be the most critical vacancies, mostly challenged by the shortage of CDL-licensed individuals statewide and an inability of many applicants to meet the federal substance-use prohibitions.

Hauled Services Vacancies – Financial Impact

Hauled Services has 17 permanent driver positions budgeted. This is in addition to the Foreman position, also a driver, and a “rotating” driver that is shared across various divisions in Public Works. Of the 17 regular positions, only four (4) are filled with permanent, full-time employees. The City currently has 9 temporary drivers supplementing the staff requirements and one additional on-call driver.

The shortfall in permanent hires is causing a significant amount of overtime and increasing the City’s cost for providing hauled services. As budgeted, drivers, if limited to 40-hour work weeks (base pay rate, with no overtime or call-outs), would provide 680 hours of service to our residents each week. As filled, the City’s permanent drivers perform 160 hours of service at the base pay rate. The 9 temporary drivers add another 360 hours of service at the base pay rate.

As currently staffed, hauled services performs 520 service hours at the base pay rate – when 680 are required to complete the division’s weekly workload. The remaining 160 hours every week are therefore paid at overtime rates. If divided equally, it requires each driver to work 12 hours of overtime every week just for the City to meet its regularly scheduled service requirements. This is a significant HR concern from an employee wellness perspective. Excessive hours beyond 40 per week can become a safety concern and the ongoing pattern places more burden on the drivers. The demands are further increased if any driver is on leave, or if there are numerous calls for additional service.

Permanent employees have schedule protections and paid time off that temporary staff do not. Temporary drivers may therefore be satisfying more of the overtime requirements than permanent staff. At increased hourly wages, this further increases the cost of providing hauled services to the

community, but also makes the temporary positions more appealing than permanent for those individuals seeking a higher pay with no benefits.

HR is working with other communities to brainstorm options for attracting and retaining permanent drivers or additional temporary drivers. Ultimately, the goal is to employ sufficient individuals that the overtime requirements are minimized, providing for better working conditions for employees and reducing unanticipated costs for the City.

Employee Training

HR participated in the Target Solutions training webinar and will be launching City-wide training. Supervisors will have the option to view the training as a group, rather than individual assignments, and the City will record participation for the individuals. Mandatory training will allow the City to apply for premium credits with Alaska Public Risk Alliance (APRA), reducing our overall liability insurance cost. Supervisors can also request that specific additional topics be assigned to their employees.

Workplace Safety, Injuries and OSHA Notifications

One injury was reported during the month of September and did not require OSHA reporting. The injury is also being reviewed under Family Medical Leave and ADA requirements.

Ongoing and Future Projects

- Updating classification and compensation data.
- Job Description review and updates.
- Updating the Employee Handbook, last adopted by City Council in 2015.



City of Bethel

October 1, 2025

FROM: Planning Director
TO: Lori Strickler, City Manager
SUBJ: Planning Director's September 2025 Report

September 2025 Events

- **Planning Commission:** The Commissioners discussed the updates on nuisance properties. The Landfill Manager gave a brief presentation of the requirements for demolition waste being accepted by the landfill and followed up with a Q&A session.
- **YK Fitness Center Gym Expansion:** The current schedule for the AML barge has it arriving on or about October 2, 2025, give or take a day or two depending on weather. The steel package consisting of structural items, panels, and fabricated piles should be on this barge. Civil work is still in progress. Most of the base for the building pad is down and work is ongoing on capping and finalizing the finish grade of that area.
- **Database Tracking Table:**

Residential Site Plan Permits	Received this Month	Total Received for Year	Total Approved for Year
	6	39	39
Commercial Site Plan Permits	0	11	11
Conditional Use Permits	0	2	1
Variances	0	0	0
Zoning Amendments	0	1	1
Plats	0	3	3

Summary Statement: Through community involvement and tours of the City by Planning Department personnel, the spreadsheet and notices are updated and sent respectively.

- **Abandoned and/or Junk Vehicles:** Tagging vehicles for towing by the Planning Department is temporarily in abeyance while a new system for processing is determined by the Acting Public Safety Director.
- **Vacancies:** Fully staffed.

- **Other Events:** A Public Hearing on the Kuqo Construction CUP application will be held by the Planning Commission on October 9, 2025.

- **Large Projects:**
 - 1. Ptarmigan Street Encroachments:** A Public Property Encroachment Ordinance has been prepared by the City Manager and City Attorney for City Council Consideration.

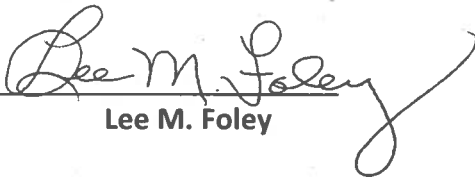
 - 2. Ptarmigan Street Culvert Replacement:** One half of the project has been completed. Due to various factors, the final half of the project will be completed in the Spring of 2026.

 - 3. City of Bethel Professional Housing Project:** No new photos this month.

 - 4. Hazard Mitigation Plan:** I will present a brief overview of the plan and the update process to the Regional Resource Coordination Committee on October 3, 2025.

 - 5. Map Highlighting All City-Owned Properties:** Collection of data pertinent to this project is ongoing.

 - 5. Nuisance Abatement:** Properties at 1119 Naun Raq and 455 Ridgecrest Drive have been identified for City Council consideration at a future Abatement Hearing.



Lee M. Foley

PORT OF BETHEL

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To: Lori Strickler, City Manager
From: Edward Flores, Port Director
Subject: September 2025 Managers Report

- **Small Boat Harbor**

With moose hunting season this last month, we did experience an increase in activity. Although I believe we have reached our total for boat permits this season. we will start pushing for long term parking permits. The start of the winter season will be on the first of November. We are planning on taking the floats out of the harbor starting mid October. We will have messages to the public and posts on Facebook to let the community know. We do have all the new floats in Bethel, and will be ready for a spring 2026 full deployment.

- **City Dock/Beach 1/Petro Port**

The City Dock and Beach 1 were for the most part calm during the month of September. we have done some planning for the upcoming winter season, in an attempt not to overcrowd the City Dock for the last barges of 2025 and the first for 2026. we will have a couple of companies that will be storing freight on the dock for projects slated for summer 2026. As well as spots for the river boats and barges on Beach 1. Late in the month we had a couple of vessels come to Bethel or extended their stay in Bethel due to weather. We are expecting maybe 4 more barges of petroleum for the season.

- **Port Office**

The port office is running well. We have no issues with heat. Although we have had a bit of a problem with connectivity at the end of the month here at the Port office. I am told that we are not the only ones with the problem, and they are aware of the problem. Building Maintenance continues to do their morning checks on the building, with no problems.

- **Admin / misc.**

All boat movements will be calculated and billed out this first week of October. The Port Commission did not meet in September. Our next scheduled meeting will be at 7 p.m. on October 20, 2025. At City Council Chambers. We are revamping our Facebook page to be more able to disseminate information to the public. We are working with the City Clerk and KYUK to produce a commercial that speaks to our different types of permits that are offered here at the Port. We currently have three different types of permits for your boat and one permit for vehicle parking. In early September, representatives from Drennon Construction and the supplier of the floats were here on the ground to educate and demonstrate to our crews how the new floats go together and how they attach to the steel float. As well as fabricate up the connections for the first float. We feel confident in our ability to set out the new floats come spring time.

Description	Issued Prior Month	Total this Calendar Year
Number of Small Boat Harbor Permits Issued	1	340
Number of vehicle long-term parking permits issued.	0	8
Number of mainline vessels arriving/departing	3	41
Number of river vessels arriving/departing	31	96
Total cargo tonnage received	1,618.9355 T	9.585.97 T

CITY OF BETHEL
POLICE DEPARTMENT



MONTHLY REPORT
September 2025

Personnel:

Current Staffing			
Position	Allocated	Staffed	Vacant
Community Safety Patrol (Grant Budget Reduction)	3/2	2	1
Community Service Officer	2	1	1
Evidence and Record Custodian	1	1	
Administrative Assistant/Taxi Inspector	1	1	
Dispatcher	5	4	1
Dispatch Supervisor	1	1	
Command Personnel	2	1	1
School Resource Officer	1	0	1
Peace Officers	16	15	1

Peace officer vacant positions are the school resource officer, and an officer for patrol. We are testing for 3 Sergeants' positions in October. We currently are pending vacancies for a Dispatcher and CSO. Two personnel are attending the Police Academy in Fairbanks beginning in October. Three personnel will be scheduled for the reciprocal academy in Sitka in November for 2 weeks.

Operations:

Operations				
	August 2025	September 2025	Difference	Year to Date
Calls	1058	913	-145	9171
Assault	39	34	-5	462
Intoxicated Pedestrian Calls	172	158	-14	1724
Driving Under Influence Calls	17	9	-8	127
Domestic Violence Calls	10	10	0	129
Animal Calls	23	15	-8	233
Animal Bite Reports	0	1	+1	9
Sexual Crime Reports	4	7	+3	60
Death Investigation Reports	2	1	-1	6

Traffic Accidents	11	8	-3	89
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Community Outreach:

On-going meetings with ONC concerning forming a coalition of resource organizations to work towards campaigns dealing with:

1. Suicide prevention
2. Sexual Assault
3. Domestic Violence
4. Alcohol/Drug Use

Obtained assistance with Christmas toy drives and Shop with a Cop through ONC, AC Market, VFW etc., to be able to provide a new toy to as many children in the community as possible.

Working with AST and YKHC to host “Coffee with a COP” mid-November.

Officers met with staff at Ayaprun Elitnaurvik and assisted them with their upcoming Public Safety month. The Bethel Police Department and Fire Department met with each class, answered questions and provided information about 911. The Police mascot was at the school and took pictures with the students. Chief Kirkham presented the school with a certificate of appreciation for bringing together Public Safety and Schools. The kindergarten class received coloring books and crayons.



Bethel Fire Department September Report

Total calls 135

Fire Calls: 11

EMS Calls: 124

Most fire calls were lockouts both car and house and false alarms made up most fire calls.

One Notable Fire Call

On 09-08-2025 at 02:57 PM, firefighters responded to the report of a structural fire. Firefighters observed heavy flames and smoke coming from the structure and fire suppression efforts were initiated. The structure was extinguished with no injuries reported. The cause of the fire is undetermined at this time.

Notable EMS Calls

On 09-01-2025 at 10:16 AM, Medics responded to the report of a motor vehicle accident. The patient was assessed and transported to the hospital

On 09-08-2025 at 05:19 PM, Medics responded to the report of CPR in progress. The patient was assessed and transported to the hospital.

Staffing

Career Staffing. 10 out of 10 positions added one firefighter position filled.

Volunteering staffing. 35 volunteers

Training: Three members of the department went down to Sitka for the Alaska State Fire conference and completed a multitude of training courses ranging from leadership classes to airport firefighting. These members will be passing on knowledge to the other membership.

Fire Prevention: Through out the month kids from Pre-K through 4th grade will be coming to the station for fire prevention month.

Breast Cancer Awareness: Fire Department members will be wearing pink fire shirts throughout the month in support of Breast Cancer Awareness.



William Arnold, Public Works Director
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 F: (907) 543-2046
 warnold@cityofbethel.net

MEMORANDUM

DATE: 09.29.2025
TO: City Manager
FROM: Bill Arnold, Public Works Director
SUBJECT: Manager’s Report – Public Works Department

Programs/Divisions

Hauled Utilities: Hauled Utilities to date is running on schedule with our monthly water delivery schedules. We will be changing out our summer tires for the winter tire we do have on hand.

Utilities Maintenance: The old shop at the Landfill has been renovated. The old loading dock was torn out and a new loading dock was built. The inside of the old shop was cleaned up to prepare for drying hoses this winter. We have completed the painting, insulation and repair of fire hydrant boxes. We continue to support and operate the Lagoon draw down and operations of the pump there.

- 2 Sewer lines flushed
- 16 Red lights investigated
- 13 callouts for various complaints and requested services
- 2 water cut-offs
- 1 water turn on

Property Maintenance:

Police Department	
9-Sep	Reset shop boiler
10-Sep	Adjust door at PD
10-Sep	Work on toilet flapper

12-Sep	Tear out carpet on stairs
Utilities Maintenance	
9-Sep	Replace bulbs Killbuck lift station
Bethel Heights Water Plant	
15-Sep	Look at demo plan with Bill and Gary
18-Sep	Work on circulation pumps
18-Sep	Add glycol
18-Sep	Tighten gate valves
18-Sep	Reset timeclock
19-Sep	Checked pumps to ensure voltage was correct
25-Sep	Add glycol
25-Sep	Take glycol to plant
City Sub Water Treatment Plant	
8-Sep	Repair door city sub
Courthouse Building	
1-Sep	Turn off lights
3-Sep	Replace filters AHU 3 and 4
3-Sep	Check broken window DA's office
8-Sep	Work on indoor and out door lights
10-Sep	Replace air filters
15-Sep	Replace to ballast in light fixtures
16-Sep	Move pump to remove water under building
16-Sep	Check toilet in 128A
16-Sep	Contact Midnight Sun about paper towels and hand cleaner
17-Sep	Repair toilet Rm 138
17-Sep	Repair toilet Rn 128A
17-Sep	Relocate water pump under building
17-Sep	Work on removal of glycol Pump 4
18-Sep	Add pressure to heating system
18-Sep	Relocate water pump under building

22-Sep	Turn on heat trace for water lines
22-Sep	Check belts on AHU-7
24-Sep	Move water pump and hose x3
24-Sep	Remove unserviceable circulation pump
29-Sep	Tighten belts ahu4
Pool Building	
4-Sep	work on scissor lift
4-Sep	Move Scissor lift to lobby
17-Sep	Reset boiler #2 and turn on return fan upstairs
19-Sep	Provide keys to storage builing at Pinkys Park to Shane
22-Sep	Check to verify fan motor 1C is operating Trouble shoot VFD
25-Sep	Add glycol
25-Sep	Turn up boilers
25-Sep	Take glycol to fitness center
Public Works Building	
1-Sep	Raise Flags
4-Sep	Repair southside toilet
9-Sep	Replace diaphragm southside toilet
10-Sep	Lowered flags
11-Sep	Rebuild valves and plumbing for pressure washer
15-Sep	Raise Flags
18-Sep	Lower Flags Halfmast
19-Sep	Raise Flags
22-Sep	Clean exterior controls of all dust and debris on boilers
Fire Department	
4-Sep	Replace oberdorfer pump
4-Sep	Replace aquastat on waterheater
15-Sep	Replace cord cap on power drop
22-Sep	Turn on water circulation pump for winter
Highway Lift Station	
1-Sep	Add glycol pressure
18-Sep	Add glycol pressure
24-Sep	Add glycol pressure
Teen Center	
26-Sep	Work on A,B,and C loop lines. Thermo couple and reinstall unions.

29-Sep	Work on reinstalling Boiler A
30-Sep	Work on B loop and work on reinstalling boiler B
Boardwalk	
17-Sep	Replace boards on vandalized section of boardwalk
Dog Pound	
2-Sep	Repair water hose leak
15-Sep	Reset boiler
16-Sep	Replace control module on boiler
17-Sep	Work on boiler Boiler eye loose
LandFill	
2-Sep	Work on checkvalve
Play Parks in General	
x10 Parks	
12-Sep	Pickup trash all parks
19-Sep	Drain water holding tanks

Road Maintenance:

Vehicles and Equipment: As usual servicing and fixing city vehicles and equipment as needed.

Transit System:

Busy month again with ridership as usual. It was a bit bothersome for the riders though when the construction made Transit bus go around the other direction but the riders did enjoy the different scene for a change. Ridership did drop a bit though. They are as follows: 866 Elders, 12 Youth, 74 Adults, 130 Disabled, and 1,121 Pass riders. 15 Month and 62 Day passes were purchased for the month. ONC purchased for their clients 11 bus passes X 3 months. Total fares came to \$2,896.00. For most of the month TS 2 was on the road while TS 1 was down for maintenance. TS 2 logged 2,623 miles and used 146.489 gallons of fuel while TS 1 logged 91 miles and used 20.539 gallons of fuel.

Landfill & Hauled Refuse:

The landfill has had another busy month with the dumpster truck bringing 66 loads of trash to the landfill, 25 loads of trash from other city vehicles, private citizens brought 356 loads of trash to the landfill, and commercial customers brought 1823 cubic yards of trash to the landfill. There were 27 refrigerators brought to the landfill to be drained of freon. The landfill also received 13 vehicles to dispose of. There were 112 truck loads of cover material brought to the landfill in September. One of the temporary summer workers quit the first of the month. I am still looking for a person to fill the open position that requires a CDL.

Staffing Issues/Concerns/Training:

City of Bethel, Alaska

City Clerk's Office

Upcoming Meetings

- October 20, 2025 Special City Council Meeting 6:00 pm
- October 28, 2025 Regular City Council Meeting 6:30 pm
- November 12,(Wednesday) Regular City Council Meeting 6:30 pm

City Clerk's Office

- The City Council held a Nuisance Abatement Hearing on September 4, 2025 and declared the property at U.S. Survey 4117, Lot 37, Our Own Road, a Public Nuisance. The resolution which contains the findings and the orders of the City Council were sent to the Property Owner by certified mail and posted on the property. If the order is not followed, the City may take corrective action—the cost of which constitutes a lien on the property, chargeable to the proceeds of its sale. The abatement process is found in BMC 15.04.
- City Clerk will be on PTO from November 14-22, 2025.
- Trained the Public Safety and Transportation Ex-Offico on how to use the Agenda Management Software.
- Asked to participate on an Elections Panel for the Alaska Association of Municipal Clerks Conference.
- The City Clerk is also a member of the scholarship Committee for the Alaska Associations of Municipal Clerks.
- Took part in website training for the Municipal Website.

Election Tasks:

- The Write-in candidate filing period closed October 2, 2025 at 5pm. The Clerk's Office received one write-in candidate application and certified the candidate: Greg Schiedler
- KYUK hosted a Candidates forum on October 2nd at 6:30pm in Council Chambers. The Clerk's Office provided the space and technical support.
- The Clerk's Office served as the Early voting location for the Municipal Election at City Hall and the Absentee Voting Location for the REAA School Board Election.
- The City held the Regular Municipal Election on October 7, 2025. The Canvass Board will meet on Thursday October 9, 2025 to prepare a final certificate of the results of votes cast by absentee, questioned and challenged ballots and of votes cast by regular ballots, and the written report of the results will be in this agenda packet along with the Resolution to certify the results.

Task	Period Total	Year to Date Total
Passport Appointments	3	108
Burial Permits/Reservations	-	42
Notary Services	2	33
Meeting Minutes Drafted	1	24

Resolutions Drafted	1	8
Ordinances Drafted	-	3
AM/IM/Proclamation Drafted	1	20

Com

Committee/Commission Vacancies

Regular

Alternate

	Regular	Alternate	Com
Community Parks and Recreation Committee	full		2
Planning Commission	full		1
Port Commission	1		2
Public Safety and Transportation Commission	Full		2
Community Action Grant Technical Review Board	1		2
Public Works Committee	2		2
Finance Committee	1		2
Ethics Board	4		1

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>TAXES</u>					
100-40-4300 TAX - SALES	569,580.70	1,395,620.11	8,400,000.00	7,004,379.89	16.6
100-40-4301 PENALTIES & INT - SALES TAX	3,417.51	2,477.05	58,204.00	55,726.95	4.3
100-40-4310 TAX - TRANSIENT LODGING	6,739.45	93,484.54	517,772.00	424,287.46	18.1
100-40-4320 CIGARETTE AND TOBACCO TAX	47,437.91	96,737.13	612,958.00	516,220.87	15.8
100-40-4322 MARIJUANA TAX	64,950.62	124,106.35	930,298.00	806,191.65	13.3
100-40-4330 TAX - ALCOHOL USE	28,842.86	58,307.09	394,766.00	336,458.91	14.8
100-40-4340 TAX - MOTOR VEH REGISTRATION	.00	.00	58,548.00	58,548.00	.0
100-40-4342 AK REMOTE SELLER SALES TAX	.00	.00	1,122,638.00	1,122,638.00	.0
TOTAL TAXES	720,969.05	1,770,732.27	12,095,184.00	10,324,451.73	14.6
<u>STATE & FEDERAL REVENUES</u>					
100-42-4102 PILT PROGRAM - STATE	.00	.00	1,106,744.00	1,106,744.00	.0
100-42-4203 COMMUNITY DIVIDEND	.00	.00	121,737.00	121,737.00	.0
100-42-4345 SOA ELECTRIC CO-OP TAX SHARE	.00	.00	21,697.00	21,697.00	.0
TOTAL STATE & FEDERAL REVENUES	.00	.00	1,250,178.00	1,250,178.00	.0
<u>CHARGES FOR SERVICES</u>					
100-43-4360 COMMUNITY PARKS & RECREATION	.00	.00	632,000.00	632,000.00	.0
100-43-4374 AMBULANCE REVENUE	.00	.00	160,000.00	160,000.00	.0
TOTAL CHARGES FOR SERVICES	.00	.00	792,000.00	792,000.00	.0
<u>LICENSES, PERMITS & FEES</u>					
100-45-4341 GAMING TAX	48,112.92	82,648.74	574,062.00	491,413.26	14.4
100-45-4377 PARKS & REC JULY 4TH FEES	.00	250.00	.00	(250.00)	.0
100-45-4500 TAXI PERMITS	10,050.00	16,150.00	137,810.00	121,660.00	11.7
100-45-4502 BUSINESS LICENSES	300.00	500.00	32,000.00	31,500.00	1.6
100-45-4504 ANIMAL CONTROL LICENSES	150.00	150.00	2,200.00	2,050.00	6.8
100-45-4510 PLANNING FEES	4,433.00	4,133.00	10,450.00	6,317.00	39.6
100-45-4511 PLAT/RECORDING FEES	.00	.00	2,920.00	2,920.00	.0
100-45-4512 SITE REVIEWS	1,600.00	3,750.00	1,440.00	(2,310.00)	260.4
100-45-4559 MISC PERMITS/LICENSES/FEE	950.00	959.00	6,642.00	5,683.00	14.4
TOTAL LICENSES, PERMITS & FEES	65,595.92	108,540.74	767,524.00	658,983.26	14.1

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>MISCELLANEOUS</u>					
100-49-4202 SOA COURT FINES/FEES	90.00	890.00	13,236.00	12,346.00	6.7
100-49-4362 PC TICKETS	150.00	325.00	2,986.00	2,661.00	10.9
100-49-4379 POLICE DEPT MISC	45.00	440.00	6,820.00	6,380.00	6.5
100-49-4439 MISCELLANEOUS REVENUE	420.00	630.00	6,754.00	6,124.00	9.3
100-49-4590 INVESTMENT INCOME	.00	.00	1,075,220.00	1,075,220.00	.0
100-49-9482 SNOW REMOVAL	.00	.00	32,000.00	32,000.00	.0
TOTAL MISCELLANEOUS	705.00	2,285.00	1,137,016.00	1,134,731.00	.2
TOTAL FUND REVENUE	787,269.97	1,881,558.01	16,041,902.00	14,160,343.99	11.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>ADMINISTRATION</u>					
100-51-6000 SALARIES	44,850.53	75,957.49	411,991.00	336,033.51	18.4
100-51-6023 LEAVE CASHOUT	.00	.00	20,600.00	20,600.00	.0
100-51-6030 SOCIAL SECURITY EXPENSE	447.82	831.63	3,030.00	2,198.37	27.5
100-51-6031 PAYABLE MEDICARE FICA	658.42	1,117.11	5,974.00	4,856.89	18.7
100-51-6032 UNEMPLOYMENT	.00	.00	2,841.00	2,841.00	.0
100-51-6033 WORKERS' COMPENSATION	.00	.00	1,064.00	1,064.00	.0
100-51-6034 PERS	8,278.15	13,759.77	79,888.00	66,128.23	17.2
100-51-6040 EMPLOYEE GROUP BENEFITS	1,924.78	3,849.56	62,424.00	58,574.44	6.2
100-51-6041 UTILITY BENEFIT	586.80	1,173.60	4,560.00	3,386.40	25.7
100-51-6044 YK FITNESS CENTER MEMBERSHIP	.00	.00	40,000.00	40,000.00	.0
100-51-6060 TRAVEL/TRAINING	.00	.00	20,000.00	20,000.00	.0
100-51-6100 SUPPLIES	9.99	9.99	7,000.00	6,990.01	.1
100-51-6150 GASOLINE/DIESEL/OIL	210.63	303.63	2,000.00	1,696.37	15.2
100-51-6153 HEATING FUEL	793.65	1,269.84	32,000.00	30,730.16	4.0
100-51-6155 WATER/SEWER/GARBAGE	.00	.00	13,100.00	13,100.00	.0
100-51-6160 ELECTRICITY	.00	1,987.09	24,150.00	22,162.91	8.2
100-51-6170 TELEPHONE	408.32	859.58	11,254.00	10,394.42	7.6
100-51-6171 STAFF CELLULAR PHONES	.00	49.86	1,197.00	1,147.14	4.2
100-51-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-51-6230 VEHICLE MAINT/REPAIR	1,098.20	1,098.20	2,271.00	1,172.80	48.4
100-51-6325 CONSULTING FEES	.00	.00	20,000.00	20,000.00	.0
100-51-6333 JANITORIAL	.00	1,325.00	15,000.00	13,675.00	8.8
100-51-6335 OTHER PURCHASED SERVICES	2,361.60	4,994.20	142,500.00	137,505.80	3.5
100-51-6400 INSURANCE	.00	.00	32,666.00	32,666.00	.0
100-51-6401 INSURANCE-DED EXP & OTHER	.00	.00	10,000.00	10,000.00	.0
100-51-6430 ALLOWANCE FOR SPECIAL EVENTS	398.46	398.46	20,000.00	19,601.54	2.0
100-51-6500 DRUG TESTING/BCKGRND CKS	1,151.86	2,460.72	.00	(2,460.72)	.0
100-51-6503 DUES & SUBSCRIPTIONS	.00	200.00	2,000.00	1,800.00	10.0
100-51-6506 POSTAGE	.00	.00	1,000.00	1,000.00	.0
100-51-6539 MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-51-6890 CAPITAL EXPENDITURES	.00	936.51	.00	(936.51)	.0
TOTAL ADMINISTRATION	63,179.21	112,582.24	1,027,598.00	915,015.76	11.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CITY CLERKS OFFICE</u>					
100-52-6000 SALARIES	13,734.91	22,726.88	107,328.00	84,601.12	21.2
100-52-6023 LEAVE CASHOUT / PAYOUT	.00	.00	5,366.00	5,366.00	.0
100-52-6030 SOCIAL SECURITY EXPENSE	106.14	169.62	1,116.00	946.38	15.2
100-52-6031 PAYABLE MEDICARE FICA	201.59	334.42	1,556.00	1,221.58	21.5
100-52-6032 UNEMPLOYMENT	.00	.00	1,031.00	1,031.00	.0
100-52-6033 WORKERS' COMPENSATION	.00	.00	232.00	232.00	.0
100-52-6034 P.E.R.S.	2,645.07	4,398.07	23,612.00	19,213.93	18.6
100-52-6040 EMPLOYEE GROUP BENEFITS	1,019.40	2,038.80	20,808.00	18,769.20	9.8
100-52-6041 UTILITY BENEFIT	198.95	397.90	4,560.00	4,162.10	8.7
100-52-6060 TRAVEL/TRAINING-COUNCIL	.00	228.00	21,200.00	20,972.00	1.1
100-52-6061 TRAVEL/TRAINING	.00	.00	4,800.00	4,800.00	.0
100-52-6100 SUPPLIES-CLERK	.00	.00	500.00	500.00	.0
100-52-6101 SUPPLIES-COUNCIL	.00	.00	600.00	600.00	.0
100-52-6171 STAFF CELLULAR PHONES	.00	99.72	598.00	498.28	16.7
100-52-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-52-6321 LEGAL FEES	.00	.00	7,000.00	7,000.00	.0
100-52-6335 OTHER PURCHASED SERVICES	.00	318.50	34,270.00	33,951.50	.9
100-52-6400 INSURANCE	.00	.00	3,889.00	3,889.00	.0
100-52-6430 ALLOWANCE FOR SPECIAL EVENTS	.00	.00	600.00	600.00	.0
100-52-6502 ADVERTISING	.00	.00	20,000.00	20,000.00	.0
100-52-6503 DUES & SUBSCRIPTIONS	.00	6,507.52	7,195.00	687.48	90.5
100-52-6505 ELECTION EXPENSES	870.30	870.30	20,450.00	19,579.70	4.3
100-52-6507 DONATIONS & AWARDS	.00	.00	800.00	800.00	.0
TOTAL CITY CLERKS OFFICE	18,776.36	38,089.73	325,099.00	287,009.27	11.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>FINANCE</u>					
100-53-6000 SALARIES	52,185.87	82,396.19	572,674.00	490,277.81	14.4
100-53-6010 OVERTIME	284.13	497.03	10,000.00	9,502.97	5.0
100-53-6023 LEAVE CASHOUT	.00	.00	11,174.00	11,174.00	.0
100-53-6030 SOCIAL SECURITY EXPENSE	274.35	274.35	.00	(274.35)	.0
100-53-6031 PAYABLE MEDICARE FICA	782.87	1,246.33	8,449.00	7,202.67	14.8
100-53-6032 UNEMPLOYMENT	.00	.00	5,149.00	5,149.00	.0
100-53-6033 WORKERS' COMPENSATION	.00	.00	1,261.00	1,261.00	.0
100-53-6034 PERS	10,569.87	17,262.98	128,188.00	110,925.02	13.5
100-53-6040 EMPLOYEE GROUP BENEFITS	2,998.86	5,997.72	150,858.00	144,860.28	4.0
100-53-6041 UTILITY BENEFIT	1,652.17	3,320.70	33,060.00	29,739.30	10.0
100-53-6060 TRAVEL/TRAINING	.00	.00	20,000.00	20,000.00	.0
100-53-6100 SUPPLIES	40.75	1,245.57	10,000.00	8,754.43	12.5
100-53-6150 GASOLINE/DIESEL/OIL	.00	.00	1,200.00	1,200.00	.0
100-53-6170 TELEPHONE	8.35	16.70	100.00	83.30	16.7
100-53-6179 CONNECTIVITY SERVICES	.00	.00	37,588.00	37,588.00	.0
100-53-6200 MINOR EQUIPMENT	.00	.00	8,000.00	8,000.00	.0
100-53-6230 VEHICLE MAINT/REPAIR	.00	.00	2,271.00	2,271.00	.0
100-53-6310 ADMIN-OUTSOURCED SERVICES	.00	.00	110,000.00	110,000.00	.0
100-53-6311 AUDITING EXPENSE	41,561.31	41,561.31	205,500.00	163,938.69	20.2
100-53-6331 HARDWARE/SOFTWARE SUPPORT	3,538.00	3,538.00	32,904.00	29,366.00	10.8
100-53-6335 OTHER PROFESSIONAL FEES	.00	4,819.50	125,000.00	120,180.50	3.9
100-53-6400 INSURANCE	.00	.00	21,116.00	21,116.00	.0
100-53-6502 ADVERTISING	.00	.00	2,500.00	2,500.00	.0
100-53-6503 DUES & SUBSCRIPTIONS	.00	.00	5,000.00	5,000.00	.0
100-53-6506 POSTAGE	.00	.00	1,000.00	1,000.00	.0
100-53-6530 FINANCE CHARGES/PENALTIES	.00	.00	300.00	300.00	.0
100-53-6531 BANK CHARGES	.00	.00	52,500.00	52,500.00	.0
100-53-6533 IRS PENALTIES AND INTEREST	.00	(123.14)	2,000.00	2,123.14	(6.2)
100-53-6539 MISCELLANEOUS EXPENSES	.00	.00	4,000.00	4,000.00	.0
TOTAL FINANCE	113,896.53	162,053.24	1,561,792.00	1,399,738.76	10.4

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PLANNING</u>					
100-54-6000 SALARIES	18,958.33	31,421.74	166,160.00	134,738.26	18.9
100-54-6010 OVERTIME	12.51	108.25	.00	(108.25)	.0
100-54-6023 LEAVE CASHOUT	.00	.00	3,323.00	3,323.00	.0
100-54-6031 PAYABLE MEDICARE FICA	284.65	476.33	2,409.00	1,932.67	19.8
100-54-6032 UNEMPLOYMENT	.00	.00	1,420.00	1,420.00	.0
100-54-6033 WORKERS' COMPENSATION	.00	.00	360.00	360.00	.0
100-54-6034 PERS	4,173.59	6,936.61	36,555.00	29,618.39	19.0
100-54-6040 EMPLOYEE GROUP BENEFITS	3,325.22	6,650.44	41,616.00	34,965.56	16.0
100-54-6041 UTILITY BENEFIT	789.65	1,579.30	9,120.00	7,540.70	17.3
100-54-6061 TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-54-6100 SUPPLIES	.00	.00	4,200.00	4,200.00	.0
100-54-6150 GASOLINE/DIESEL/OIL	145.51	216.00	2,000.00	1,784.00	10.8
100-54-6153 HEATING FUEL	.00	.00	3,402.00	3,402.00	.0
100-54-6155 WATER/SEWER/GARBAGE	.00	.00	760.00	760.00	.0
100-54-6160 ELECTRICITY	.00	.00	3,930.00	3,930.00	.0
100-54-6170 TELEPHONE	3.34	6.68	.00	(6.68)	.0
100-54-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
100-54-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-54-6230 VEHICLE MAINT/REPAIR	.00	.00	1,703.00	1,703.00	.0
100-54-6231 VEHICLE PARTS & TOOLS	.00	.00	1,000.00	1,000.00	.0
100-54-6320 OTHER PROFESSIONAL FEES	.00	.00	40,000.00	40,000.00	.0
100-54-6400 INSURANCE	.00	.00	7,666.00	7,666.00	.0
100-54-6502 ADVERTISING	1,160.40	1,160.40	3,000.00	1,839.60	38.7
100-54-6503 DUES & SUBSCRIPTIONS	.00	.00	1,000.00	1,000.00	.0
100-54-6539 MISCELLANEOUS EXPENSES	.00	.00	3,500.00	3,500.00	.0
TOTAL PLANNING	28,853.20	48,605.61	381,310.00	332,704.39	12.8
<u>TECHNOLOGY DEPARTMENTS</u>					
100-55-6150 GASOLINE/DIESEL/OIL	165.92	165.92	.00	(165.92)	.0
100-55-6171 STAFF CELLULAR PHONES	.00	126.32	.00	(126.32)	.0
100-55-6179 CONNECTIVITY SERVICES	23,809.63	48,303.50	339,526.00	291,222.50	14.2
100-55-6210 EQUIPMENT RENTAL	1,785.48	7,207.16	256,487.00	249,279.84	2.8
100-55-6320 OTHER PROFESSIONAL FEES	56,349.19	65,124.05	268,500.00	203,375.95	24.3
100-55-6331 HARDWARE/SOFTWARE SUPPORT	17,836.00	35,162.00	.00	(35,162.00)	.0
100-55-6700 INDIRECT COST RECOVERY	.00	.00	864,513.00	864,513.00	.0
100-55-6890 CAPITAL EXPENDITURES	.00	42,150.04	.00	(42,150.04)	.0
TOTAL TECHNOLOGY DEPARTMENTS	99,946.22	198,238.99	1,729,026.00	1,530,787.01	11.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CITY ATTORNEY'S OFFICE</u>					
100-56-6000 SALARIES	18,601.02	30,928.76	161,999.00	131,070.24	19.1
100-56-6023 LEAVE CASHOUT	.00	.00	3,161.00	3,161.00	.0
100-56-6031 PAYABLE MEDICARE FICA	268.40	445.85	2,292.00	1,846.15	19.5
100-56-6032 UNEMPLOYMENT	.00	.00	710.00	710.00	.0
100-56-6033 WORKERS' COMPENSATION	.00	.00	342.00	342.00	.0
100-56-6034 PERS	4,092.21	6,804.31	35,640.00	28,835.69	19.1
100-56-6040 EMPLOYEE GROUP BENEFITS	1,894.78	3,789.56	20,808.00	17,018.44	18.2
100-56-6060 TRAVEL/TRAINING	.00	.00	12,000.00	12,000.00	.0
100-56-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
100-56-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-56-6321 LEGAL FEES	433.00	3,248.90	15,000.00	11,751.10	21.7
100-56-6335 OTHER PURCHASED SERVICES	581.70	1,163.40	30,000.00	28,836.60	3.9
100-56-6400 INSURANCE	.00	.00	5,871.00	5,871.00	.0
100-56-6503 DUES & SUBSCRIPTIONS	.00	.00	1,000.00	1,000.00	.0
100-56-6539 MISCELLANEOUS EXPENSES	.00	.00	1,200.00	1,200.00	.0
 TOTAL CITY ATTORNEY'S OFFICE	 25,871.11	 46,430.64	 328,209.00	 281,778.36	 14.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>FIRE DEPARTMENT</u>					
100-60-6000 SALARIES	71,623.50	124,445.17	719,804.00	595,358.83	17.3
100-60-6010 FLSA OVERTIME	13,433.43	25,593.22	150,000.00	124,406.78	17.1
100-60-6011 CALL BACK OVERTIME	8,370.54	14,381.46	75,000.00	60,618.54	19.2
100-60-6023 LEAVE CASHOUT	.00	6,073.70	42,341.00	36,267.30	14.3
100-60-6030 SOCIAL SECURITY EXPENSE	340.17	340.17	1,550.00	1,209.83	22.0
100-60-6031 PAYABLE MEDICARE FICA	1,422.28	2,597.23	14,062.00	11,464.77	18.5
100-60-6032 UNEMPLOYMENT	.00	.00	7,812.00	7,812.00	.0
100-60-6033 WORKERS' COMPENSATION	.00	.00	36,596.00	36,596.00	.0
100-60-6034 PERS	19,582.98	35,201.30	207,857.00	172,655.70	16.9
100-60-6040 EMPLOYEE GROUP BENEFITS	6,890.50	13,781.00	228,888.00	215,107.00	6.0
100-60-6041 UTILITY BENEFIT	4,066.59	8,513.61	50,160.00	41,646.39	17.0
100-60-6060 TRAVEL/TRAINING	.00	725.99	59,800.00	59,074.01	1.2
100-60-6100 SUPPLIES	.00	1,101.22	27,400.00	26,298.78	4.0
100-60-6103 WEARING APPAREL	.00	278.77	20,800.00	20,521.23	1.3
100-60-6150 GASOLINE/DIESEL/OIL	2,067.61	3,664.27	26,000.00	22,335.73	14.1
100-60-6153 HEATING FUEL	.00	.00	40,000.00	40,000.00	.0
100-60-6155 WATER/SEWER/GARBAGE	.00	.00	22,000.00	22,000.00	.0
100-60-6160 ELECTRICITY	.00	1,785.37	20,000.00	18,214.63	8.9
100-60-6170 TELEPHONE	243.59	487.79	2,932.00	2,444.21	16.6
100-60-6171 STAFF CELLULAR PHONES	.00	228.57	2,992.00	2,763.43	7.6
100-60-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-60-6200 MINOR EQUIPMENT	.00	.00	15,000.00	15,000.00	.0
100-60-6230 VEHICLE MAINT/REPAIR	1,257.07	2,329.65	20,375.00	18,045.35	11.4
100-60-6231 VEHICLE PARTS & TOOLS	2,316.36	3,347.63	35,000.00	31,652.37	9.6
100-60-6240 PROPERTY MAINT	.00	945.23	20,000.00	19,054.77	4.7
100-60-6335 OTHER PURCHASED SERVICES	.00	1,875.95	31,000.00	29,124.05	6.1
100-60-6400 INSURANCE	.00	.00	94,386.00	94,386.00	.0
100-60-6502 ADVERTISING	.00	.00	500.00	500.00	.0
100-60-6503 DUES & SUBSCRIPTIONS	.00	.00	15,200.00	15,200.00	.0
100-60-6534 COLLECTION/SMALL CLAIMS	.00	.00	31,200.00	31,200.00	.0
100-60-6537 FIRE PREVENTION PROGRAM	.00	.00	7,500.00	7,500.00	.0
100-60-6539 MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-60-6660 XFER TO F-58 FLEET REPLACEMENT	.00	.00	80,000.00	80,000.00	.0
100-60-6890 CAPITAL EXPENDITURES	.00	106,200.36	.00	(106,200.36)	.0
100-60-6891 CAPITAL EXP-LADDER TRUCK LEASE	.00	.00	71,218.00	71,218.00	.0
100-60-9649 VOLUNTEER STIPEND	1,073.00	1,073.00	25,000.00	23,927.00	4.3
TOTAL FIRE DEPARTMENT	132,687.62	354,970.66	2,241,461.00	1,886,490.34	15.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>POLICE</u>					
100-61-6000 SALARIES	237,511.16	416,540.11	2,386,711.00	1,970,170.89	17.5
100-61-6002 RELOCATION EXPENSES	.00	.00	10,000.00	10,000.00	.0
100-61-6010 OVERTIME	40,187.81	74,750.19	266,208.00	191,457.81	28.1
100-61-6023 LEAVE CASHOUT	10,950.92	20,035.27	139,710.00	119,674.73	14.3
100-61-6031 PAYABLE MEDICARE FICA	4,251.22	7,545.35	38,467.00	30,921.65	19.6
100-61-6032 UNEMPLOYMENT	.00	.00	19,815.00	19,815.00	.0
100-61-6033 WORKERS' COMPENSATION	.00	.00	65,235.00	65,235.00	.0
100-61-6034 PERS	61,093.73	108,083.82	583,642.00	475,558.18	18.5
100-61-6040 EMPLOYEE GROUP BENEFITS	32,731.64	62,393.95	601,351.00	538,957.05	10.4
100-61-6041 UTILITY BENEFIT	6,549.74	12,847.96	131,784.00	118,936.04	9.8
100-61-6060 TRAVEL/TRAINING	64.95	544.95	80,000.00	79,455.05	.7
100-61-6100 SUPPLIES	1,874.47	8,285.99	32,000.00	23,714.01	25.9
100-61-6102 SART EXAMS	.00	.00	20,000.00	20,000.00	.0
100-61-6103 EMPLOYEE WEARING APPAREL	235.14	502.09	32,400.00	31,897.91	1.6
100-61-6150 GASOLINE/DIESEL/OIL	4,574.98	8,982.12	60,000.00	51,017.88	15.0
100-61-6153 HEATING FUEL	1,668.26	5,264.02	52,000.00	46,735.98	10.1
100-61-6155 WATER/SEWER/GARBAGE	.00	.00	16,000.00	16,000.00	.0
100-61-6160 ELECTRICITY	.00	4,983.56	56,000.00	51,016.44	8.9
100-61-6170 TELEPHONE	2,583.96	5,174.72	17,129.00	11,954.28	30.2
100-61-6171 STAFF CELLULAR PHONES	.00	879.61	11,366.00	10,486.39	7.7
100-61-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-61-6200 MINOR EQUIPMENT	940.57	3,485.07	25,000.00	21,514.93	13.9
100-61-6230 VEHICLE MAINT/REPAIR	.00	.00	23,388.00	23,388.00	.0
100-61-6231 VEHICLE PARTS & TOOLS	3,514.73	3,941.46	35,000.00	31,058.54	11.3
100-61-6335 OTHER PURCHASED SERVICES	184.54	(213.86)	80,000.00	80,213.86	(.3)
100-61-6400 INSURANCE	.00	.00	136,381.00	136,381.00	.0
100-61-6503 DUES & SUBSCRIPTIONS	.00	90.00	6,000.00	5,910.00	1.5
100-61-6890 CAP EXP	.00	4,981.25	.00	(4,981.25)	.0
TOTAL POLICE	408,917.82	749,097.63	4,963,175.00	4,214,077.37	15.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PUBLIC WORKS-ADMIN</u>					
100-65-6000 SALARIES	3,376.38	5,613.97	49,989.00	44,375.03	11.2
100-65-6010 OVERTIME	5.72	24.20	.00	(24.20)	.0
100-65-6023 LEAVE CASHOUT	.00	.00	975.00	975.00	.0
100-65-6031 PAYABLE MEDICARE FICA	49.12	81.93	725.00	643.07	11.3
100-65-6032 UNEMPLOYMENT	.00	.00	890.00	890.00	.0
100-65-6033 WORKERS' COMPENSATION	.00	.00	108.00	108.00	.0
100-65-6034 PERS	744.05	1,240.39	10,998.00	9,757.61	11.3
100-65-6040 EMPLOYEE GROUP BENEFITS	432.70	865.34	10,404.00	9,538.66	8.3
100-65-6041 UTILITY BENEFIT	29.84	59.68	2,280.00	2,220.32	2.6
100-65-6060 TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-65-6100 SUPPLIES	79.40	168.21	4,000.00	3,831.79	4.2
100-65-6150 GASOLINE/DIESEL/OIL	123.53	591.73	2,000.00	1,408.27	29.6
100-65-6153 HEATING FUEL	2,958.20	3,473.55	9,000.00	5,526.45	38.6
100-65-6155 WATER/SEWER/GARBAGE	.00	.00	500.00	500.00	.0
100-65-6160 ELECTRICITY	.00	6,017.73	1,725.00	(4,292.73)	348.9
100-65-6170 TELEPHONE	3.34	6.68	1,617.00	1,610.32	.4
100-65-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
100-65-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-65-6230 VEHICLE MAINT/REPAIR	.00	.00	4,882.00	4,882.00	.0
100-65-6231 VEHICLE PARTS & TOOLS	180.08	175.87	3,000.00	2,824.13	5.9
100-65-6335 OTHER PURCHASED SERVICES	.00	.00	15,000.00	15,000.00	.0
100-65-6400 INSURANCE	.00	.00	2,551.00	2,551.00	.0
100-65-6503 DUES & SUBSCRIPTIONS	.00	.00	500.00	500.00	.0
100-65-6539 MISCELLANEOUS EXPENSES	.00	.00	3,000.00	3,000.00	.0
TOTAL PUBLIC WORKS-ADMIN	7,982.36	18,369.14	172,330.00	153,960.86	10.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PW-STREETS & ROADS</u>					
100-66-6000 SALARIES	51,955.26	86,036.40	520,950.00	434,913.60	16.5
100-66-6010 OVERTIME	512.69	685.05	35,000.00	34,314.95	2.0
100-66-6023 LEAVE CASHOUT	.00	.00	13,403.00	13,403.00	.0
100-66-6030 SOCIAL SECURITY EXPENSE	524.06	784.46	3,906.00	3,121.54	20.1
100-66-6031 PAYABLE MEDICARE FICA	774.47	1,282.61	8,061.00	6,778.39	15.9
100-66-6032 UNEMPLOYMENT	.00	.00	4,850.00	4,850.00	.0
100-66-6033 WORKERS' COMPENSATION	.00	.00	17,368.00	17,368.00	.0
100-66-6034 PERS	9,683.39	16,020.47	108,449.00	92,428.53	14.8
100-66-6040 EMPLOYEE GROUP BENEFITS	7,207.56	19,764.36	109,242.00	89,477.64	18.1
100-66-6041 UTILITY BENEFIT	1,445.82	2,891.64	23,940.00	21,048.36	12.1
100-66-6100 SUPPLIES	261.75	500.99	4,500.00	3,999.01	11.1
100-66-6103 WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
100-66-6111 SIGNS	1,187.50	1,187.50	6,000.00	4,812.50	19.8
100-66-6131 STREET MAINT GRAVEL	200,077.60	434,350.64	200,000.00	(234,350.64)	217.2
100-66-6132 SALT	.00	.00	30,000.00	30,000.00	.0
100-66-6150 GASOLINE/DIESEL/OIL	886.24	3,781.39	100,000.00	96,218.61	3.8
100-66-6153 HEATING FUEL	.00	211.64	62,500.00	62,288.36	.3
100-66-6155 WATER/SEWER/GARBAGE	.00	.00	6,750.00	6,750.00	.0
100-66-6160 ELECTRICITY	.00	.00	18,000.00	18,000.00	.0
100-66-6161 ELECTRICITY (STREET LTS)	.00	3,254.25	68,816.00	65,561.75	4.7
100-66-6170 TELEPHONE	1.67	3.34	.00	(3.34)	.0
100-66-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
100-66-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-66-6200 MINOR EQUIPMENT	9,109.73	9,109.73	10,000.00	890.27	91.1
100-66-6230 VEHICLE MAINT/REPAIR	.00	.00	173,745.00	173,745.00	.0
100-66-6231 VEHICLE PARTS & TOOLS	9,098.86	12,634.54	95,000.00	82,365.46	13.3
100-66-6250 STREET LIGHT MT & POLE RENTAL	.00	.00	20,000.00	20,000.00	.0
100-66-6335 OTHER PURCHASED SERVICES	.00	.00	10,000.00	10,000.00	.0
100-66-6400 INSURANCE	.00	.00	68,574.00	68,574.00	.0
100-66-6892 CAPTIAL EQUIPMENT	.00	335,665.25	185,357.00	(150,308.25)	181.1
TOTAL PW-STREETS & ROADS	292,726.60	928,214.12	1,947,597.00	1,019,382.88	47.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PROPERTY MAINTENANCE</u>					
100-70-6000 SALARIES	32,046.25	56,831.01	366,415.00	309,583.99	15.5
100-70-6010 OVERTIME	4,158.67	7,022.43	50,000.00	42,977.57	14.0
100-70-6023 LEAVE CASHOUT	.00	5,253.60	7,164.00	1,910.40	73.3
100-70-6030 SOCIAL SECURITY EXPENSE	298.92	574.58	1,786.00	1,211.42	32.2
100-70-6031 PAYABLE MEDICARE FICA	539.28	1,043.23	6,038.00	4,994.77	17.3
100-70-6032 UNEMPLOYMENT	.00	.00	4,064.00	4,064.00	.0
100-70-6033 WORKERS' COMPENSATION	.00	.00	10,883.00	10,883.00	.0
100-70-6034 PERS	6,904.39	12,008.96	85,275.00	73,266.04	14.1
100-70-6040 EMPLOYEE GROUP BENEFITS	4,274.84	8,549.61	104,040.00	95,490.39	8.2
100-70-6041 UTILITY BENEFIT	1,287.05	3,440.14	22,800.00	19,359.86	15.1
100-70-6060 TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
100-70-6100 SUPPLIES	.00	6,986.62	29,000.00	22,013.38	24.1
100-70-6103 WEARING APPAREL	.00	1,411.85	5,000.00	3,588.15	28.2
100-70-6107 ELECTRICAL SUPPLIES	174.84	174.84	.00	(174.84)	.0
100-70-6110 MATERIALS	5.19	5.19	.00	(5.19)	.0
100-70-6142 GLYCOL SUPPLIES	.00	.00	10,000.00	10,000.00	.0
100-70-6150 GASOLINE/DIESEL/OIL	1,042.19	2,102.68	30,000.00	27,897.32	7.0
100-70-6153 HEATING FUEL	529.10	1,322.75	25,000.00	23,677.25	5.3
100-70-6155 WATER/SEWER/GARBAGE	.00	.00	8,000.00	8,000.00	.0
100-70-6160 ELECTRICITY	.00	816.04	13,340.00	12,523.96	6.1
100-70-6170 TELEPHONE	1.67	3.34	.00	(3.34)	.0
100-70-6171 STAFF CELLULAR PHONES	.00	95.17	1,197.00	1,101.83	8.0
100-70-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-70-6200 MINOR EQUIPMENT	.00	571.10	8,000.00	7,428.90	7.1
100-70-6201 BOILER EXPENSE	2,052.00	3,695.71	25,000.00	21,304.29	14.8
100-70-6230 VEHICLE MAINT/REPAIR	.00	.00	7,039.00	7,039.00	.0
100-70-6231 VEHICLE PARTS & TOOLS	.00	.00	5,000.00	5,000.00	.0
100-70-6240 WIND TURBINE CONTRACT	.00	261.54	14,400.00	14,138.46	1.8
100-70-6241 PARKS MAINTENANCE	111.98	1,231.08	55,000.00	53,768.92	2.2
100-70-6335 OTHER PURCHASED SERVICES	2,640.00	2,640.00	56,000.00	53,360.00	4.7
100-70-6400 INSURANCE	.00	.00	18,795.00	18,795.00	.0
100-70-6510 4TH OF JULY	.00	203.06	1,000.00	796.94	20.3
100-70-6539 MISCELLANEOUS EXPENSES	130.48	130.48	5,000.00	4,869.52	2.6
100-70-6700 INDIRECT COST RECOVERY	.00	.00	(438,167.00)	(438,167.00)	.0
100-70-6890 CAPITAL EXPENDITURES	.00	.00	177,450.00	177,450.00	.0
TOTAL PROPERTY MAINTENANCE	56,196.85	116,375.01	760,107.00	643,731.99	15.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>DEPARTMENT 71</u>					
100-71-6000 SALARIES	41,420.21	50,435.71	470,387.00	419,951.29	10.7
100-71-6010 OVERTIME	.00	.00	2,000.00	2,000.00	.0
100-71-6023 LEAVE CASHOUT	.00	.00	11,808.00	11,808.00	.0
100-71-6030 SOCIAL SECURITY EXPENSE	1,125.07	1,125.07	7,316.00	6,190.93	15.4
100-71-6031 PAYABLE MEDICARE FICA	603.45	737.06	6,850.00	6,112.94	10.8
100-71-6032 UNEMPLOYMENT	.00	.00	5,082.00	5,082.00	.0
100-71-6033 WORKERS' COMPENSATION	.00	.00	12,203.00	12,203.00	.0
100-71-6034 PERS	5,120.29	7,103.70	86,660.00	79,556.30	8.2
100-71-6040 EMPLOYEE GROUP BENEFITS	.00	.00	62,424.00	62,424.00	.0
100-71-6041 UTILITY BENEFIT	198.95	397.90	18,240.00	17,842.10	2.2
100-71-6060 TRAVEL/TRAINING	.00	.00	14,000.00	14,000.00	.0
100-71-6100 SUPPLIES	.00	2,742.79	121,000.00	118,257.21	2.3
100-71-6110 COMMUNITY FAIR SUPPORT EXP	226.99	226.99	16,100.00	15,873.01	1.4
100-71-6150 GASOLINE/DIESEL/OIL	.00	.00	2,000.00	2,000.00	.0
100-71-6153 HEATING FUEL	.00	.00	210,000.00	210,000.00	.0
100-71-6155 WATER/SEWER/GARBAGE	.00	.00	80,000.00	80,000.00	.0
100-71-6160 ELECTRICITY	.00	.00	115,000.00	115,000.00	.0
100-71-6171 CELL PHONE	.00	49.86	1,197.00	1,147.14	4.2
100-71-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-71-6200 MINOR EQUIPMENT	.00	.00	6,000.00	6,000.00	.0
100-71-6230 VEHICLE MAINT/REPAIR	.00	.00	1,132.00	1,132.00	.0
100-71-6335 OTHER PURCHASED SERVICES	.00	.00	62,000.00	62,000.00	.0
100-71-6400 INSURANCE	.00	.00	85,694.00	85,694.00	.0
100-71-6430 ALLOWANCE FOR SPECIAL EVENTS	.00	.00	2,000.00	2,000.00	.0
100-71-6502 ADVERTISING	.00	.00	2,000.00	2,000.00	.0
100-71-6503 DUES & SUBSCRIPTIONS	.00	.00	1,000.00	1,000.00	.0
TOTAL DEPARTMENT 71	48,694.96	62,819.08	1,439,681.00	1,376,861.92	4.4
<u>COMMUNITY SERVICE</u>					
100-72-6155 SENIOR CTR - W/S/G ONC	.00	.00	118,300.00	118,300.00	.0
100-72-6171 BETHEL FRIENDS OF CANINES	.00	.00	115,000.00	115,000.00	.0
100-72-6430 COMMUNITY ACTION GRANT	.00	.00	78,953.00	78,953.00	.0
100-72-6508 KUSKO 300 RACE DONATION	.00	.00	5,000.00	5,000.00	.0
100-72-6509 LIBRARY CONTRIBUTION	.00	.00	129,400.00	129,400.00	.0
TOTAL COMMUNITY SERVICE	.00	.00	446,653.00	446,653.00	.0
<u>IN KIND MATCH & TRASFERS</u>					
100-73-6643 CASH XFER- FUND	.00	.00	257,459.00	257,459.00	.0
100-73-6647 CASH XFER-FLEET REPLACE FUND	.00	.00	80,000.00	80,000.00	.0
TOTAL IN KIND MATCH & TRASFERS	.00	.00	337,459.00	337,459.00	.0
TOTAL FUND EXPENDITURES	1,297,728.84	2,835,846.09	17,661,497.00	14,825,650.91	16.1

CITY OF BETHEL
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
NET REVENUE OVER EXPENDITURES	(510,458.87)	(954,288.08)	(1,619,595.00)	(665,306.92)	(58.9)
	(510,458.87)	(954,288.08)	(1,619,595.00)	(665,306.92)	(58.9)

CITY OF BETHEL
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

COMMUNITY SERVICE PATROL GRANT

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEARNED</u>	<u>PCNT</u>
270-42-4200 GRANT REVENUE	(20,065.74)	(20,065.74)	.00	20,065.74	.0
TOTAL SOURCE 42	(20,065.74)	(20,065.74)	.00	20,065.74	.0
TOTAL FUND REVENUE	(20,065.74)	(20,065.74)	.00	20,065.74	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

COMMUNITY SERVICE PATROL GRANT

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CSP PROGRAM</u>					
270-50-6000 SALARIES	13,619.97	22,453.90	181,666.00	159,212.10	12.4
270-50-6010 OVERTIME	166.37	1,641.81	5,000.00	3,358.19	32.8
270-50-6023 LEAVE CASHOUT	.00	2,826.71	8,569.00	5,742.29	33.0
270-50-6031 PAYABLE MEDICARE FICA	201.53	393.62	2,707.00	2,313.38	14.5
270-50-6032 UNEMPLOYMENT	.00	.00	2,131.00	2,131.00	.0
270-50-6033 WORKERS' COMPENSATION	.00	.00	4,590.00	4,590.00	.0
270-50-6034 PERS	3,032.99	5,301.05	41,067.00	35,765.95	12.9
270-50-6040 EMPLOYEE GROUP BENEFITS	1,978.92	3,957.84	62,424.00	58,466.16	6.3
270-50-6041 UTILITY BENEFIT	251.73	503.46	13,680.00	13,176.54	3.7
270-50-6100 SUPPLIES	.00	.00	4,000.00	4,000.00	.0
270-50-6103 WEARING APPAREL	.00	.00	1,800.00	1,800.00	.0
270-50-6150 GASOLINE/DIESEL/OIL	793.53	1,916.36	16,000.00	14,083.64	12.0
270-50-6153 HEATING FUEL	.00	.00	100.00	100.00	.0
270-50-6171 STAFF CELLULAR PHONES	.00	149.58	800.00	650.42	18.7
270-50-6400 INSURANCE	.00	.00	8,070.00	8,070.00	.0
TOTAL CSP PROGRAM	20,045.04	39,144.33	352,604.00	313,459.67	11.1
TOTAL FUND EXPENDITURES	20,045.04	39,144.33	352,604.00	313,459.67	11.1
NET REVENUE OVER EXPENDITURES	(40,110.78)	(59,210.07)	(352,604.00)	(293,393.93)	(16.8)

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

YK REG AQUA HLTH & SAFETY CTR

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>LOCAL FUNDED EXPENDITURES</u>					
400-50-6150 GASOLINE/DIESEL/OIL	.00	99.76	.00	(99.76)	.0
400-50-6153 HEATING FUEL	11,904.75	23,767.71	.00	(23,767.71)	.0
400-50-6160 ELECTRICITY	.00	9,818.28	.00	(9,818.28)	.0
400-50-6170 TELEPHONE	126.02	252.36	.00	(252.36)	.0
400-50-6320 OTHER PROFESSIONAL FEES	15,163.00	30,061.75	.00	(30,061.75)	.0
400-50-6326 CONTRACTOR FEES	.00	29,300.49	.00	(29,300.49)	.0
400-50-6335 OTHER PURCHASED SERVICES	24,500.00	24,500.00	.00	(24,500.00)	.0
TOTAL LOCAL FUNDED EXPENDITURES	51,693.77	117,800.35	.00	(117,800.35)	.0
TOTAL FUND EXPENDITURES	51,693.77	117,800.35	.00	(117,800.35)	.0
NET REVENUE OVER EXPENDITURES	(51,693.77)	(117,800.35)	.00	117,800.35	.0

CITY OF BETHEL
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

E-911 SYSTEM/SURCHARGE

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEARNED</u>	<u>PCNT</u>
<u>E-911 SURCHARGE</u>					
410-42-4428 SURCHARGE FROM UNITED UTL	12,257.07	24,570.56	148,000.00	123,429.44	16.6
TOTAL E-911 SURCHARGE	12,257.07	24,570.56	148,000.00	123,429.44	16.6
TOTAL FUND REVENUE	12,257.07	24,570.56	148,000.00	123,429.44	16.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

E-911 SYSTEM/SURCHARGE

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>E-911 SERVICES</u>					
410-50-6000 SALARIES	7,079.37	12,954.45	69,445.00	56,490.55	18.7
410-50-6010 OVERTIME	419.80	591.20	.00	(591.20)	.0
410-50-6023 LEAVE CASHOUT	.00	.00	3,388.00	3,388.00	.0
410-50-6030 SOCIAL SECURITY EXPENSE	362.78	669.95	.00	(669.95)	.0
410-50-6031 PAYABLE MEDICARE FICA	109.90	198.75	1,007.00	808.25	19.7
410-50-6032 UNEMPLOYMENT	.00	.00	971.00	971.00	.0
410-50-6033 WORKERS' COMPENSATION	.00	.00	1,708.00	1,708.00	.0
410-50-6034 PERS	362.49	602.73	15,278.00	14,675.27	4.0
410-50-6040 EMPLOYEE GROUP BENEFITS	233.58	467.16	22,889.00	22,421.84	2.0
410-50-6041 UTILITY BENEFIT	86.60	173.20	5,016.00	4,842.80	3.5
410-50-6400 INSURANCE	.00	.00	2,516.00	2,516.00	.0
410-50-6410 RENTS & LEASES	.00	.00	13,000.00	13,000.00	.0
TOTAL E-911 SERVICES	<u>8,654.52</u>	<u>15,657.44</u>	<u>135,218.00</u>	<u>119,560.56</u>	<u>11.6</u>
TOTAL FUND EXPENDITURES	<u>8,654.52</u>	<u>15,657.44</u>	<u>135,218.00</u>	<u>119,560.56</u>	<u>11.6</u>
NET REVENUE OVER EXPENDITURES	<u><u>3,602.55</u></u>	<u><u>8,913.12</u></u>	<u><u>12,782.00</u></u>	<u><u>3,868.88</u></u>	<u><u>69.7</u></u>

CITY OF BETHEL
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

SOLID WASTE SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>SOLID WASTE & RECYLING</u>					
500-44-4396 COMMERCIAL GARBAGE PICKUP	89,459.52	179,566.52	862,756.00	683,189.48	20.8
500-44-4397 LANDFILL DUMP FEE	34,898.00	65,244.00	315,888.00	250,644.00	20.7
500-44-4398 RESIDENTIAL GARBAGE PICKUP	24,019.29	47,980.59	292,594.00	244,613.41	16.4
TOTAL SOLID WASTE & RECYLING	148,376.81	292,791.11	1,471,238.00	1,178,446.89	19.9
TOTAL FUND REVENUE	148,376.81	292,791.11	1,471,238.00	1,178,446.89	19.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

SOLID WASTE SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>HAULED REFUSE</u>					
500-70-6000 SALARIES	17,876.13	27,629.38	149,518.00	121,888.62	18.5
500-70-6010 OVERTIME	1.91	8.07	10,250.00	10,241.93	.1
500-70-6023 LEAVE CASHOUT	.00	.00	5,886.00	5,886.00	.0
500-70-6030 SOCIAL SECURITY EXPENSE	266.23	313.35	1,790.00	1,476.65	17.5
500-70-6031 PAYABLE MEDICARE FICA	261.14	404.56	2,317.00	1,912.44	17.5
500-70-6032 UNEMPLOYMENT	.00	.00	1,632.00	1,632.00	.0
500-70-6033 WORKERS' COMPENSATION	.00	.00	7,709.00	7,709.00	.0
500-70-6034 PERS	2,988.47	4,968.35	28,799.00	23,830.65	17.3
500-70-6040 EMPLOYEE GROUP BENEFITS	1,133.74	2,267.41	22,889.00	20,621.59	9.9
500-70-6041 UTILITY BENEFIT	208.90	417.80	5,016.00	4,598.20	8.3
500-70-6100 SUPPLIES	.00	.00	1,000.00	1,000.00	.0
500-70-6103 WEARING APPAREL	.00	.00	1,000.00	1,000.00	.0
500-70-6121 4 YD DUMPSTERS	.00	.00	60,000.00	60,000.00	.0
500-70-6150 GASOLINE/DIESEL/OIL	.00	.00	40,000.00	40,000.00	.0
500-70-6230 VEHICLE MAINT/REPAIR	.00	.00	80,578.00	80,578.00	.0
500-70-6231 VEHICLE PARTS & TOOLS	112.55	6,492.98	20,000.00	13,507.02	32.5
500-70-6232 TIRES & WHEELS	.00	.00	8,000.00	8,000.00	.0
500-70-6335 OTHER PURCHASED SERVICES	.00	145.86	1,000.00	854.14	14.6
500-70-6400 INSURANCE	.00	.00	13,464.00	13,464.00	.0
500-70-6710 ADMIN OVERHEAD-GF	.00	.00	91,937.00	91,937.00	.0
500-70-9694 SINGLE AXLE REAR LOADER	.00	.00	185,424.00	185,424.00	.0
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TOTAL HAULED REFUSE	22,849.07	42,647.76	738,209.00	695,561.24	5.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

SOLID WASTE SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>LANDFILL OPERATIONS</u>					
500-71-6000 SALARIES	14,866.62	24,794.07	159,202.00	134,407.93	15.6
500-71-6010 OVERTIME	1,509.29	2,394.37	35,000.00	32,605.63	6.8
500-71-6023 LEAVE CASHOUT	.00	.00	7,766.00	7,766.00	.0
500-71-6031 PAYABLE MEDICARE FICA	250.26	419.87	2,816.00	2,396.13	14.9
500-71-6032 UNEMPLOYMENT	.00	.00	2,782.00	2,782.00	.0
500-71-6033 WORKERS' COMPENSATION	.00	.00	5,316.00	5,316.00	.0
500-71-6034 PERS	3,602.68	5,981.46	42,724.00	36,742.54	14.0
500-71-6040 EMPLOYEE GROUP BENEFITS	1,133.74	2,267.41	54,101.00	51,833.59	4.2
500-71-6041 UTILITY BENEFIT	961.93	1,923.86	11,856.00	9,932.14	16.2
500-71-6060 TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
500-71-6100 SUPPLIES	1,102.93	1,748.63	33,000.00	31,251.37	5.3
500-71-6103 WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
500-71-6150 GASOLINE/DIESEL/OIL	243.51	2,210.72	15,000.00	12,789.28	14.7
500-71-6153 HEATING FUEL	1,741.51	1,741.51	18,000.00	16,258.49	9.7
500-71-6160 ELECTRICITY	.00	220.03	5,700.00	5,479.97	3.9
500-71-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
500-71-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
500-71-6200 MINOR EQUIPMENT	.00	.00	7,500.00	7,500.00	.0
500-71-6230 VEHICLE MAINT/REPAIR	.00	.00	90,828.00	90,828.00	.0
500-71-6231 VEHICLE PARTS & TOOLS	5,823.50	8,451.67	20,000.00	11,548.33	42.3
500-71-6240 PROPERTY MAINT	.00	.00	30,625.00	30,625.00	.0
500-71-6335 OTHER PURCHASED SERVICES	.00	.00	4,000.00	4,000.00	.0
500-71-6400 INSURANCE	.00	.00	16,513.00	16,513.00	.0
500-71-6503 DUES & SUBSCRIPTIONS	.00	.00	10,000.00	10,000.00	.0
500-71-6539 MISCELLANEOUS EXPENSES	.00	.00	4,000.00	4,000.00	.0
500-71-6599 LANDFILL CLOSURE COSTS	.00	.00	82,302.00	82,302.00	.0
500-71-6710 ADMIN OVERHEAD-GF	.00	.00	91,937.00	91,937.00	.0
TOTAL LANDFILL OPERATIONS	31,235.97	52,203.46	797,154.00	744,950.54	6.6
TOTAL FUND EXPENDITURES	54,085.04	94,851.22	1,535,363.00	1,440,511.78	6.2
NET REVENUE OVER EXPENDITURES	94,291.77	197,939.89	(64,125.00)	(262,064.89)	308.7

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>WATER</u>					
510-42-4384 CONTRACT WATER	1,320.00	2,632.00	20,320.00	17,688.00	13.0
510-42-4386 METERED PIPED WATER COMM.	83,534.09	203,547.71	1,076,224.00	872,676.29	18.9
510-42-4387 UNMETERED PIPED WTR RESID	89,428.90	179,198.76	1,030,876.00	851,677.24	17.4
510-42-4389 PUMPHOUSE WATER	2,243.50	6,122.25	36,124.00	30,001.75	17.0
510-42-4390 TRUCKED WATER	267,976.07	529,034.11	3,106,054.00	2,577,019.89	17.0
TOTAL WATER	444,502.56	920,534.83	5,269,598.00	4,349,063.17	17.5
<u>SEWER</u>					
510-43-4384 CONTRACT SEWER	2,461.06	4,922.12	62,560.00	57,637.88	7.9
510-43-4386 METERED PIPED SEWER COMM.	46,673.29	112,246.03	631,062.00	518,815.97	17.8
510-43-4387 UNMETERED PIPED SEWER RES	27,570.12	55,301.81	312,918.00	257,616.19	17.7
510-43-4390 TRUCKED SEWER (EVAC/HB)	203,127.35	405,488.39	2,448,916.00	2,043,427.61	16.6
TOTAL SEWER	279,831.82	577,958.35	3,455,456.00	2,877,497.65	16.7
<u>MISCELLANEOUS</u>					
510-45-4392 WATER SUBSCRIPTION FEES	18,855.52	37,385.69	223,825.00	186,439.31	16.7
510-45-4393 SEWER SUBSCRIPTION FEES	20,360.00	40,295.42	239,450.00	199,154.58	16.8
510-45-4394 RECONNECT FEES	.00	.00	3,090.00	3,090.00	.0
510-45-4429 SENIOR DISCOUNT	(5,569.35)	(10,991.93)	53,560.00	64,551.93	(20.5)
510-45-4430 NSF CHECKS AND FEES	120.00	120.00	60.00	(60.00)	200.0
510-45-4523 UTILITY PENALTY/INTEREST	5,308.43	8,914.19	72,145.00	63,230.81	12.4
510-45-4590 INVESTMENT INCOME	.00	.00	125,166.00	125,166.00	.0
TOTAL MISCELLANEOUS	39,074.60	75,723.37	717,296.00	641,572.63	10.6
<u>MISCELLANEOUS</u>					
510-49-4439 MISCELLANEOUS INCOME	7,792.79	11,927.08	97,664.00	85,736.92	12.2
510-49-6532 CASH OVER/SHORT	.00	5.00	515.00	510.00	1.0
TOTAL MISCELLANEOUS	7,792.79	11,932.08	98,179.00	86,246.92	12.2
TOTAL FUND REVENUE	771,201.77	1,586,148.63	9,540,529.00	7,954,380.37	16.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>UTILITY BILLING</u>					
510-80-6000 SALARIES	.00	1,773.49	98,210.00	96,436.51	1.8
510-80-6010 OVERTIME	.00	27.37	3,000.00	2,972.63	.9
510-80-6023 LEAVE CASHOUT	.00	.00	4,791.00	4,791.00	.0
510-80-6031 PAYABLE MEDICARE FICA	.00	26.82	1,468.00	1,441.18	1.8
510-80-6032 UNEMPLOYMENT	.00	.00	1,807.00	1,807.00	.0
510-80-6033 WORKERS' COMPENSATION	.00	.00	219.00	219.00	.0
510-80-6034 PERS	.00	396.20	22,266.00	21,869.80	1.8
510-80-6040 EMPLOYEE GROUP BENEFITS	989.46	1,978.92	36,414.00	34,435.08	5.4
510-80-6041 UTILITY BENEFIT	.00	49.10	7,980.00	7,930.90	.6
510-80-6060 TRAVEL/TRAINING	.00	.00	4,500.00	4,500.00	.0
510-80-6100 SUPPLIES	699.96	699.96	3,500.00	2,800.04	20.0
510-80-6170 TELEPHONE	.00	.00	80.00	80.00	.0
510-80-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-80-6200 MINOR EQUIPMENT	.00	.00	4,000.00	4,000.00	.0
510-80-6335 OUTSOURCED SERVICES	5,914.04	12,576.49	60,000.00	47,423.51	21.0
510-80-6400 INSURANCE	.00	.00	3,667.00	3,667.00	.0
510-80-6506 POSTAGE	.00	.00	18,000.00	18,000.00	.0
510-80-6531 BANK CHARGES	.00	.00	40,000.00	40,000.00	.0
510-80-6539 MISCELLANEOUS EXPENSES	.00	.00	500.00	500.00	.0
510-80-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL UTILITY BILLING	7,603.46	17,528.35	450,757.00	433,228.65	3.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>HAULED WATER</u>					
510-81-6000 SALARIES	67,195.56	107,599.61	568,388.00	460,788.39	18.9
510-81-6010 OVERTIME	26,457.92	44,947.86	225,000.00	180,052.14	20.0
510-81-6023 LEAVE CASHOUT	.00	.00	27,726.00	27,726.00	.0
510-81-6030 SOCIAL SECURITY EXPENSE	3,812.51	6,138.52	.00	(6,138.52)	.0
510-81-6031 PAYABLE MEDICARE FICA	1,360.27	2,216.53	11,504.00	9,287.47	19.3
510-81-6032 UNEMPLOYMENT	.00	.00	11,453.00	11,453.00	.0
510-81-6034 PERS	7,075.82	11,779.07	174,545.00	162,765.93	6.8
510-81-6040 EMPLOYEE GROUP BENEFITS	3,500.01	6,999.96	190,913.00	183,913.04	3.7
510-81-6041 UTILITY BENEFIT	399.12	798.24	41,838.00	41,039.76	1.9
510-81-6100 SUPPLIES	5,452.74	5,452.74	15,000.00	9,547.26	36.4
510-81-6103 WEARING APPAREL	.00	.00	15,000.00	15,000.00	.0
510-81-6150 GASOLINE/DIESEL/OIL	3,198.11	3,391.38	150,000.00	146,608.62	2.3
510-81-6153 HEATING FUEL	.00	.00	22,500.00	22,500.00	.0
510-81-6155 WATER/SEWER/GARBAGE	.00	.00	6,750.00	6,750.00	.0
510-81-6160 ELECTRICITY	.00	.00	18,000.00	18,000.00	.0
510-81-6170 TELEPHONE	3.34	6.68	.00	(6.68)	.0
510-81-6171 STAFF CELLULAR PHONES	.00	99.72	598.00	498.28	16.7
510-81-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-81-6200 MINOR EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
510-81-6230 VEHICLE MAINT/REPAIR	.00	.00	340,266.00	340,266.00	.0
510-81-6231 VEHICLE PARTS & TOOLS	20,544.18	22,987.88	125,000.00	102,012.12	18.4
510-81-6240 PROPERTY MAINT	.00	.00	51,041.00	51,041.00	.0
510-81-6332 LAB TESTS	.00	.00	3,000.00	3,000.00	.0
510-81-6335 OTHER PURCHASED SERVICES	.00	1,750.35	3,000.00	1,249.65	58.4
510-81-6400 INSURANCE	.00	.00	72,820.00	72,820.00	.0
510-81-6539 MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-81-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
510-81-6890 CAP EXP	.00	22,213.06	620,000.00	597,786.94	3.6
TOTAL HAULED WATER	138,999.58	236,381.60	2,841,697.00	2,605,315.40	8.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PIPED WATER</u>					
510-82-6000 SALARIES	11,198.10	19,438.91	177,831.00	158,392.09	10.9
510-82-6010 OVERTIME	1,902.89	3,366.90	35,000.00	31,633.10	9.6
510-82-6023 LEAVE CASHOUT	.00	.00	8,693.00	8,693.00	.0
510-82-6030 SOCIAL SECURITY EXPENSE	68.84	135.80	942.00	806.20	14.4
510-82-6031 PAYABLE MEDICARE FICA	198.71	346.62	3,086.00	2,739.38	11.2
510-82-6032 UNEMPLOYMENT	.00	.00	3,788.00	3,788.00	.0
510-82-6033 WORKERS' COMPENSATION	.00	.00	4,180.00	4,180.00	.0
510-82-6034 PERS	2,637.93	4,535.39	43,479.00	38,943.61	10.4
510-82-6040 EMPLOYEE GROUP BENEFITS	3,565.97	7,131.96	52,020.00	44,888.04	13.7
510-82-6041 UTILITY BENEFIT	942.51	1,777.43	11,400.00	9,622.57	15.6
510-82-6060 TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
510-82-6100 SUPPLIES	1,390.80	1,415.20	5,000.00	3,584.80	28.3
510-82-6103 WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
510-82-6108 PLUMBING SUPPLIES	.00	132.44	15,000.00	14,867.56	.9
510-82-6150 GASOLINE/DIESEL/OIL	614.89	1,429.75	15,000.00	13,570.25	9.5
510-82-6153 HEATING FUEL	1,722.75	2,146.03	48,400.00	46,253.97	4.4
510-82-6155 WATER/SEWER/GARBAGE	.00	.00	2,200.00	2,200.00	.0
510-82-6160 ELECTRICITY-UTIL MT SHOP	.00	413.09	8,200.00	7,786.91	5.0
510-82-6170 TELEPHONE	1.67	3.34	.00	(3.34)	.0
510-82-6171 STAFF CELLULAR PHONES	.00	252.64	1,197.00	944.36	21.1
510-82-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-82-6200 MINOR EQUIPMENT	1,415.64	1,415.64	.00	(1,415.64)	.0
510-82-6230 VEHICLE MAINT/REPAIR	.00	.00	3,293.00	3,293.00	.0
510-82-6231 VEHICLE PARTS & TOOLS	(31.15)	407.70	1,500.00	1,092.30	27.2
510-82-6232 TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-82-6332 LAB TESTS	.00	.00	500.00	500.00	.0
510-82-6335 OTHER PURCHASED SERVICES	.00	145.86	1,500.00	1,354.14	9.7
510-82-6400 INSURANCE	.00	.00	9,093.00	9,093.00	.0
510-82-6401 INSURANCE-DED EXP & OTHER	.00	.00	530.00	530.00	.0
510-82-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL PIPED WATER	25,629.55	44,494.70	605,687.00	561,192.30	7.4

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>BETHEL HTS WTR TREATMENT</u>					
510-83-6000 SALARIES	17,513.12	29,331.28	154,800.00	125,468.72	19.0
510-83-6010 OVERTIME	501.84	810.27	37,000.00	36,189.73	2.2
510-83-6023 LEAVE CASHOUT	.00	1,590.66	7,551.00	5,960.34	21.1
510-83-6030 SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-83-6031 PAYABLE MEDICARE FICA	85.18	158.11	2,781.00	2,622.89	5.7
510-83-6032 UNEMPLOYMENT	.00	.00	2,292.00	2,292.00	.0
510-83-6033 WORKERS' COMPENSATION	.00	.00	3,767.00	3,767.00	.0
510-83-6034 PERS	3,963.30	6,512.37	42,196.00	35,683.63	15.4
510-83-6040 EMPLOYEE GROUP BENEFITS	1,628.47	3,256.87	36,414.00	33,157.13	8.9
510-83-6041 UTILITY BENEFIT	923.26	1,846.52	7,980.00	6,133.48	23.1
510-83-6060 TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
510-83-6100 SUPPLIES	.00	278.35	4,000.00	3,721.65	7.0
510-83-6103 WEARING APPAREL	.00	.00	1,500.00	1,500.00	.0
510-83-6140 CHEMICALS	20,974.00	20,974.00	125,000.00	104,026.00	16.8
510-83-6153 HEATING FUEL (PUMPHOUSE)	2,915.34	9,203.70	190,000.00	180,796.30	4.8
510-83-6160 ELECTRICITY (PUMPHOUSE)	.00	6,048.00	130,525.00	124,477.00	4.6
510-83-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-83-6200 MINOR EQUIPMENT	.00	7,188.00	50,000.00	42,812.00	14.4
510-83-6230 VEHICLE MAINT/REPAIR	.00	.00	3,349.00	3,349.00	.0
510-83-6240 PROPERTY MAINT	219.99	219.99	30,625.00	30,405.01	.7
510-83-6332 LAB TESTS	290.00	290.00	4,000.00	3,710.00	7.3
510-83-6335 OTHER PURCHASED SERVICES	.00	145.86	10,000.00	9,854.14	1.5
510-83-6400 INSURANCE	.00	.00	53,351.00	53,351.00	.0
510-83-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL BETHEL HTS WTR TREATMENT	49,014.50	87,887.46	1,042,486.00	954,598.54	8.4

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>CITY SUB WTR TREATMENT</u>					
510-84-6000 SALARIES	22,515.89	38,255.20	211,690.00	173,434.80	18.1
510-84-6010 OVERTIME	8,545.79	11,990.71	45,000.00	33,009.29	26.7
510-84-6023 LEAVE CASHOUT	.00	1,590.65	10,326.00	8,735.35	15.4
510-84-6030 SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-84-6031 PAYABLE MEDICARE FICA	463.95	778.76	3,722.00	2,943.24	20.9
510-84-6032 UNEMPLOYMENT	.00	.00	3,343.00	3,343.00	.0
510-84-6033 WORKERS' COMPENSATION	.00	.00	5,042.00	5,042.00	.0
510-84-6034 PERS	6,833.56	10,935.29	56,472.00	45,536.71	19.4
510-84-6040 EMPLOYEE GROUP BENEFITS	3,500.01	6,999.95	59,303.00	52,303.05	11.8
510-84-6041 UTILITY BENEFIT	1,181.21	2,362.42	12,996.00	10,633.58	18.2
510-84-6060 TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
510-84-6100 SUPPLIES	1,035.09	1,215.03	5,000.00	3,784.97	24.3
510-84-6103 WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-84-6108 PLUMBING SUPPLIES	.00	135.81	.00	(135.81)	.0
510-84-6140 CHEMICALS	20,974.00	20,974.00	125,000.00	104,026.00	16.8
510-84-6150 GASOLINE/DIESEL/OIL	.00	.00	5,500.00	5,500.00	.0
510-84-6153 HEATING FUEL(CS WTF)	5,820.10	15,873.53	120,000.00	104,126.47	13.2
510-84-6160 ELECTRICITY (CS WTF)	.00	8,127.51	98,900.00	90,772.49	8.2
510-84-6170 TELEPHONE	127.69	255.70	.00	(255.70)	.0
510-84-6171 CELL PHONE	.00	.00	1,197.00	1,197.00	.0
510-84-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-84-6200 MINOR EQUIPMENT	.00	(992.53)	43,000.00	43,992.53	(2.3)
510-84-6230 VEHICLE MAINT (ISF)	.00	.00	4,541.00	4,541.00	.0
510-84-6240 PROPERTY MAINT	158.58	158.58	51,041.00	50,882.42	.3
510-84-6332 LAB TESTS	205.00	1,645.00	20,000.00	18,355.00	8.2
510-84-6335 OTHER PURCHASED SERVICES	.00	.00	15,000.00	15,000.00	.0
510-84-6400 INSURANCE	.00	.00	67,976.00	67,976.00	.0
510-84-6502 ADVERTISING	.00	.00	500.00	500.00	.0
510-84-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL CITY SUB WTR TREATMENT	71,360.87	120,339.09	1,118,904.00	998,564.91	10.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>HAULED SEWER</u>					
510-85-6000 SALARIES	75,879.83	120,561.58	616,695.00	496,133.42	19.6
510-85-6010 OVERTIME	24,170.66	40,762.61	200,000.00	159,237.39	20.4
510-85-6023 LEAVE CASHOUT	.00	.00	30,083.00	30,083.00	.0
510-85-6030 SOCIAL SECURITY EXPENSE	3,995.67	6,321.62	.00	(6,321.62)	.0
510-85-6031 PAYABLE MEDICARE FICA	1,451.33	2,340.46	11,842.00	9,501.54	19.8
510-85-6032 UNEMPLOYMENT	.00	.00	7,753.00	7,753.00	.0
510-85-6033 WORKERS' COMPENSATION	.00	.00	18,061.00	18,061.00	.0
510-85-6034 PERS	7,832.79	13,059.58	179,673.00	166,613.42	7.3
510-85-6040 EMPLOYEE GROUP BENEFITS	5,371.55	10,743.02	211,721.00	200,977.98	5.1
510-85-6041 UTILITY BENEFIT	424.61	849.22	46,398.00	45,548.78	1.8
510-85-6100 SUPPLIES	2,385.91	2,814.50	15,000.00	12,185.50	18.8
510-85-6103 WEARING APPAREL	.00	605.47	15,000.00	14,394.53	4.0
510-85-6150 GASOLINE/DIESEL/OIL	2,533.38	3,963.37	110,000.00	106,036.63	3.6
510-85-6153 HEATING FUEL	.00	.00	22,500.00	22,500.00	.0
510-85-6155 WATER/SEWER/GARBAGE	.00	.00	6,750.00	6,750.00	.0
510-85-6160 ELECTRICITY	.00	.00	18,000.00	18,000.00	.0
510-85-6171 STAFF CELLULAR PHONES	.00	.00	598.00	598.00	.0
510-85-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-85-6200 MINOR EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
510-85-6230 VEHICLE MAINT/REPAIR	.00	.00	334,930.00	334,930.00	.0
510-85-6231 VEHICLE PARTS & TOOLS	19,708.06	26,976.12	125,000.00	98,023.88	21.6
510-85-6240 PROPERTY MAINT	.00	.00	30,625.00	30,625.00	.0
510-85-6335 OTHER PURCHASED SERVICES	.00	.00	3,000.00	3,000.00	.0
510-85-6400 INSURANCE	.00	.00	76,442.00	76,442.00	.0
510-85-6539 MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-85-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL HAULED SEWER	143,753.79	228,997.55	2,227,426.00	1,998,428.45	10.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>PIPED SEWER</u>					
510-86-6000 SALARIES	11,198.09	19,438.90	180,633.00	161,194.10	10.8
510-86-6010 OVERTIME	1,902.88	3,366.90	35,000.00	31,633.10	9.6
510-86-6023 LEAVE CASHOUT	.00	.00	7,445.00	7,445.00	.0
510-86-6030 SOCIAL SECURITY EXPENSE	68.84	135.80	1,736.00	1,600.20	7.8
510-86-6031 PAYABLE MEDICARE FICA	198.70	346.60	3,127.00	2,780.40	11.1
510-86-6032 UNEMPLOYMENT	.00	.00	3,838.00	3,838.00	.0
510-86-6033 WORKERS' COMPENSATION	.00	.00	4,769.00	4,769.00	.0
510-86-6034 PERS	2,637.95	4,535.40	41,279.00	36,743.60	11.0
510-86-6040 EMPLOYEE GROUP BENEFITS	3,565.99	7,131.96	49,939.00	42,807.04	14.3
510-86-6041 UTILITY BENEFITS	942.50	1,777.41	10,944.00	9,166.59	16.2
510-86-6100 SUPPLIES	.00	740.85	3,000.00	2,259.15	24.7
510-86-6103 WEARING APPAREL	.00	1,562.63	4,000.00	2,437.37	39.1
510-86-6108 PLUMBING SUPPLIES	.00	.00	7,500.00	7,500.00	.0
510-86-6150 GASOLINE/DIESEL/OIL	271.12	760.35	15,000.00	14,239.65	5.1
510-86-6153 HEATING FUEL	1,798.94	2,169.31	60,000.00	57,830.69	3.6
510-86-6155 WATER/SEWER/GARBAGE	.00	.00	2,200.00	2,200.00	.0
510-86-6160 ELECTRICITY-LIFTST & BLDG	.00	6,698.16	108,000.00	101,301.84	6.2
510-86-6171 CELL PHONE	.00	.00	1,197.00	1,197.00	.0
510-86-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-86-6200 MINOR EQUIPMENT	6,524.29	6,582.19	150,000.00	143,417.81	4.4
510-86-6230 VEHICLE MAINT/REPAIR	.00	.00	4,087.00	4,087.00	.0
510-86-6231 VEHICLE PARTS & TOOLS	646.31	1,648.73	1,500.00	(148.73)	109.9
510-86-6232 TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-86-6240 PROPERTY MAINT	.00	.00	51,041.00	51,041.00	.0
510-86-6335 OTHER PURCHASED SERVICES	.00	1,154.41	10,000.00	8,845.59	11.5
510-86-6400 INSURANCE	.00	.00	10,255.00	10,255.00	.0
510-86-6410 LEASED PROPERTY-LIFT STATIONS	.00	.00	17,000.00	17,000.00	.0
510-86-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL PIPED SEWER	29,755.61	58,049.60	924,345.00	866,295.40	6.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

WATER & SEWER SERVICES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>SEWER LAGOON</u>					
510-87-6000 SALARIES	5,219.44	8,562.96	39,296.00	30,733.04	21.8
510-87-6010 OVERTIME	221.24	245.88	6,250.00	6,004.12	3.9
510-87-6023 LEAVE CASHOUT	.00	.00	2,300.00	2,300.00	.0
510-87-6030 SOCIAL SECURITY EXPENSE	.00	22.32	.00	(22.32)	.0
510-87-6031 PAYABLE MEDICARE FICA	79.38	128.32	660.00	531.68	19.4
510-87-6032 UNEMPLOYMENT	.00	.00	811.00	811.00	.0
510-87-6033 WORKERS' COMPENSATION	.00	.00	1,007.00	1,007.00	.0
510-87-6034 PERS	1,196.94	1,858.74	10,020.00	8,161.26	18.6
510-87-6040 EMPLOYEE GROUP BENEFITS	576.22	1,153.09	12,485.00	11,331.91	9.2
510-87-6041 UTILITY BENEFIT	63.70	103.49	2,736.00	2,632.51	3.8
510-87-6060 TRAVEL/TRAINING	.00	.00	3,000.00	3,000.00	.0
510-87-6100 SUPPLIES	.00	50.10	1,000.00	949.90	5.0
510-87-6103 WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-87-6108 PLUMBING SUPPLIES	.00	.00	3,000.00	3,000.00	.0
510-87-6150 GASOLINE/DIESEL/OIL	.00	.00	38,000.00	38,000.00	.0
510-87-6200 MINOR EQUIPMENT	.00	.00	1,100.00	1,100.00	.0
510-87-6231 VEHICLE PARTS & TOOLS	112.55	1,067.39	160.00	(907.39)	667.1
510-87-6324 PLANNING/ENGINEERING FEES	.00	.00	15,000.00	15,000.00	.0
510-87-6332 LAB TESTS (SAMPLES)	.00	4,135.70	500.00	(3,635.70)	827.1
510-87-6400 INSURANCE	.00	.00	1,650.00	1,650.00	.0
510-87-6503 DUES & SUBSCRIPTIONS	.00	.00	8,000.00	8,000.00	.0
510-87-6710 ADMIN OVERHEAD-GF	.00	.00	102,767.00	102,767.00	.0
TOTAL SEWER LAGOON	7,469.47	17,327.99	252,742.00	235,414.01	6.9
TOTAL FUND EXPENDITURES	473,586.83	811,006.34	9,464,044.00	8,653,037.66	8.6
NET REVENUE OVER EXPENDITURES	297,614.94	775,142.29	76,485.00	(698,657.29)	1013.5

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

MUNICIPAL DOCK

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>CHARGES FOR SERVICES</u>					
520-43-4402 CITY DOCK-STORAGE	.00	90.00	75,000.00	74,910.00	.1
520-43-4403 CITY DOCK-PERMITS	.00	.00	3,000.00	3,000.00	.0
520-43-4404 CITY DOCK-WHARFAGE	11,357.16	11,357.16	140,000.00	128,642.84	8.1
520-43-4405 CITY DOCK-DOCKAGE	2,924.19	2,924.19	30,000.00	27,075.81	9.8
520-43-4409 SBH PETRO PORT-FUEL THRU-PUT	27,324.44	27,324.44	250,000.00	222,675.56	10.9
520-43-4410 PETRO YARD - STORAGE	.00	.00	2,000.00	2,000.00	.0
520-43-4412 PETRO PORT-FUEL THRU-PUT	54,648.88	54,648.88	500,000.00	445,351.12	10.9
520-43-4413 PETRO PORT-DOCKAGE	5,283.56	5,283.56	25,000.00	19,716.44	21.1
520-43-4415 SEAWALL MOORAGE	.00	.00	30,000.00	30,000.00	.0
520-43-4416 SEAWALL DOCKAGE	1,664.78	1,664.78	30,000.00	28,335.22	5.6
520-43-4418 BEACH-STORAGE	375.84	375.84	35,000.00	34,624.16	1.1
520-43-4419 BEACH-WHARFAGE	7,714.15	7,714.15	110,000.00	102,285.85	7.0
520-43-4420 BEACH-DOCKAGE	5,537.77	5,537.77	35,000.00	29,462.23	15.8
520-43-4422 BOAT HARBOR-MOORAGE	264.00	1,128.00	15,000.00	13,872.00	7.5
TOTAL CHARGES FOR SERVICES	117,094.77	118,048.77	1,280,000.00	1,161,951.23	9.2
<u>LEASE REVENUE</u>					
520-44-4440 LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
TOTAL LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
<u>MISCELLANEOUS</u>					
520-45-4388 EXTRA WATER CALLS	4,702.80	4,702.80	30,000.00	25,297.20	15.7
520-45-4424 SMALL BOAT HARBOR STORAGE	.00	.00	5,000.00	5,000.00	.0
520-45-4535 SMALL BOAT HARBOR PERMITS	30.00	30.00	12,000.00	11,970.00	.3
TOTAL MISCELLANEOUS	4,732.80	4,732.80	47,000.00	42,267.20	10.1
<u>MISCELLANEOUS</u>					
520-49-4439 MISCELLANEOUS REVENUE	225.00	225.00	2,000.00	1,775.00	11.3
520-49-4590 INVESTMENT INCOME	.00	.00	33,876.00	33,876.00	.0
520-49-4591 INVESTMENT INCOME-SEAWALL ACCT	.00	.00	33,876.00	33,876.00	.0
TOTAL MISCELLANEOUS	225.00	225.00	69,752.00	69,527.00	.3
TOTAL FUND REVENUE	122,052.57	123,006.57	1,429,164.00	1,306,157.43	8.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

MUNICIPAL DOCK

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>DOCK EXPENDITURES</u>					
520-50-6000 SALARIES	21,375.52	36,560.03	205,121.00	168,560.97	17.8
520-50-6010 OVERTIME	246.28	400.26	5,000.00	4,599.74	8.0
520-50-6023 LEAVE CASHOUT	2,345.58	2,345.58	9,001.00	6,655.42	26.1
520-50-6030 SOCIAL SECURITY EXPENSE	168.19	344.96	1,277.00	932.04	27.0
520-50-6031 PAYABLE MEDICARE FICA	356.98	589.36	3,047.00	2,457.64	19.3
520-50-6032 UNEMPLOYMENT	.00	.00	2,402.00	2,402.00	.0
520-50-6033 WORKERS' COMPENSATION	.00	.00	5,817.00	5,817.00	.0
520-50-6034 PERS	4,160.01	6,907.22	41,696.00	34,788.78	16.6
520-50-6040 EMPLOYEE GROUP BENEFITS	4,500.14	8,469.71	52,436.00	43,966.29	16.2
520-50-6041 UTILITY BENEFIT	836.53	1,673.07	11,491.00	9,817.93	14.6
520-50-6060 TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
520-50-6100 SUPPLIES	.00	.00	8,000.00	8,000.00	.0
520-50-6103 WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
520-50-6121 MUNICIPAL DOCK GRAVEL	.00	.00	130,000.00	130,000.00	.0
520-50-6150 GASOLINE/DIESEL/OIL	1,672.06	4,760.13	15,000.00	10,239.87	31.7
520-50-6153 HEATING FUEL	.00	948.15	5,000.00	4,051.85	19.0
520-50-6155 WATER/SEWER/GARBAGE	.00	.00	13,500.00	13,500.00	.0
520-50-6156 WATER FOR BARGES	.00	.00	12,000.00	12,000.00	.0
520-50-6160 ELECTRICITY	.00	1,036.38	18,900.00	17,863.62	5.5
520-50-6170 TELEPHONE	192.37	385.22	2,316.00	1,930.78	16.6
520-50-6171 STAFF CELLULAR PHONES	.00	133.40	1,197.00	1,063.60	11.1
520-50-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
520-50-6200 MINOR EQUIPMENT	.00	.00	10,000.00	10,000.00	.0
520-50-6230 VEHICLE MAINT/REPAIR	.00	.00	3,633.00	3,633.00	.0
520-50-6231 VEHICLE PARTS & TOOLS	.00	435.91	5,000.00	4,564.09	8.7
520-50-6241 MUNICIPAL DOCK MAINT.	.00	.00	20,000.00	20,000.00	.0
520-50-6242 MAINT-SEAWALL	.00	.00	7,000.00	7,000.00	.0
520-50-6244 ICR-PROPERTY MAINTENANCE 5%	.00	.00	30,625.00	30,625.00	.0
520-50-6339 OTHER PURCHASED SERVICES	.00	278.04	.00	(278.04)	.0
520-50-6400 INSURANCE	.00	.00	72,739.00	72,739.00	.0
520-50-6502 ADVERTISING	.00	.00	1,000.00	1,000.00	.0
520-50-6503 DUES & SUBSCRIPTIONS	.00	.00	2,000.00	2,000.00	.0
520-50-6531 BANK CHARGES	.00	.00	3,000.00	3,000.00	.0
520-50-6539 MISCELLANEOUS EXPENSES	.00	.00	900.00	900.00	.0
520-50-6710 ADMIN OVERHEAD-GF	.00	.00	172,402.00	172,402.00	.0
520-50-6890 CAPITAL EXPENDITURES	.00	150,308.36	.00	(150,308.36)	.0
TOTAL DOCK EXPENDITURES	35,853.66	215,575.78	919,088.00	703,512.22	23.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

MUNICIPAL DOCK

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>DEPARTMENT 55</u>					
520-55-6000 SALARIES	15,431.10	25,480.62	113,114.00	87,633.38	22.5
520-55-6010 OVERTIME	27.37	72.98	1,500.00	1,427.02	4.9
520-55-6023 LEAVE CASHOUT	260.62	260.62	1,388.00	1,127.38	18.8
520-55-6030 SOCIAL SECURITY EXPENSE	723.12	1,201.60	5,248.00	4,046.40	22.9
520-55-6031 PAYABLE MEDICARE FICA	228.03	375.01	1,662.00	1,286.99	22.6
520-55-6032 UNEMPLOYMENT	.00	.00	2,040.00	2,040.00	.0
520-55-6033 WORKERS' COMPENSATION	.00	.00	3,173.00	3,173.00	.0
520-55-6034 PERS	834.92	1,358.04	6,591.00	5,232.96	20.6
520-55-6040 EMPLOYEE GROUP BENEFITS	791.56	1,052.57	9,988.00	8,935.43	10.5
520-55-6041 UTILITY BENEFIT	53.35	106.69	2,189.00	2,082.31	4.9
520-55-6100 SUPPLIES	559.92	1,651.65	3,000.00	1,348.35	55.1
520-55-6103 WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
520-55-6132 SMALL BOAT HARBOR GRAVEL	.00	.00	30,000.00	30,000.00	.0
520-55-6150 GASOLINE/DIESEL/OIL	.00	.00	12,000.00	12,000.00	.0
520-55-6200 MINOR EQUIPMENT	.00	.00	4,000.00	4,000.00	.0
520-55-6241 SMALL BOAT HARBOR MAINTENANCE	31.99	171.96	6,000.00	5,828.04	2.9
520-55-6400 INSURANCE	.00	.00	4,153.00	4,153.00	.0
520-55-6539 MISCELLANEOUS EXPENSES	.00	.00	1,000.00	1,000.00	.0
520-55-6710 ADMIN OVERHEAD-GF	.00	.00	28,016.00	28,016.00	.0
TOTAL DEPARTMENT 55	18,941.98	31,731.74	238,062.00	206,330.26	13.3
TOTAL FUND EXPENDITURES	54,795.64	247,307.52	1,157,150.00	909,842.48	21.4
NET REVENUE OVER EXPENDITURES	67,256.93	(124,300.95)	272,014.00	396,314.95	(45.7)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

LEASED PROPERTIES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LEASE INCOME</u>					
530-44-4443 LEASE-SOA DEPT OF ADMIN-OCS	.00	.00	108,000.00	108,000.00	.0
530-44-4444 LEASE-COURT SYSTEM	.00	.00	486,528.00	486,528.00	.0
530-44-4447 LEASE:DEPT OF LAW	.00	.00	169,056.00	169,056.00	.0
530-44-4451 LEASE-BETHEL SPORTSMANS CLUB	.00	.00	1.00	1.00	.0
530-44-4452 LEASE-FW TOWER RD LND ASPHALT	.00	.00	12,600.00	12,600.00	.0
530-44-4453 YKHC - WAREHOUSE	.00	.00	5,808.00	5,808.00	.0
530-44-4455 DMV LEASE 300 CEHHWY	.00	.00	12,360.00	12,360.00	.0
530-44-4456 LEASE-LIONS CLUB	.00	.00	1,800.00	1,800.00	.0
530-44-4459 LAND LEASE-BETHEL GROUP HOME	.00	.00	3,600.00	3,600.00	.0
530-44-4461 LEASE LAND AVCP HEARSTART	.00	.00	3,300.00	3,300.00	.0
530-44-4463 LEASE LAND SWANSONS/BTP	.00	.00	24,084.00	24,084.00	.0
530-44-4467 LEASE LAND EUNKANG CHURCH	.00	.00	1,800.00	1,800.00	.0
530-44-4470 LEASE LAND GCI	.00	.00	12,612.00	12,612.00	.0
530-44-4474 LEASE:SOA DOT&PUBFAL(560 4TH)	.00	.00	9,600.00	9,600.00	.0
530-44-9455 YKHC RENTED BLDING 378 FIFTH	.00	.00	20,364.00	20,364.00	.0
TOTAL LEASE INCOME	.00	.00	871,513.00	871,513.00	.0
 <u>MISCELLANEOUS</u>					
530-49-4590 INVESTMENT INCOME	.00	.00	7,500.00	7,500.00	.0
TOTAL MISCELLANEOUS	.00	.00	7,500.00	7,500.00	.0
TOTAL FUND REVENUE	.00	.00	879,013.00	879,013.00	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

LEASED PROPERTIES

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>LEASED PROPERTIES-MISC</u>					
530-50-6153 HEATING FUEL	.00	.00	21,600.00	21,600.00	.0
530-50-6155 WATER	.00	.00	21,600.00	21,600.00	.0
530-50-6160 ELECTRICITY	.00	.00	21,600.00	21,600.00	.0
530-50-6339 OTHER PURCHASED SERVICES	.00	.00	12,960.00	12,960.00	.0
530-50-6400 INSURANCE	.00	.00	10,726.00	10,726.00	.0
TOTAL LEASED PROPERTIES-MISC	.00	.00	88,486.00	88,486.00	.0
<u>LEASED PROP-COURT COMPLEX</u>					
530-55-6153 HEATING FUEL-COURTCOMPLEX	4,191.53	5,196.82	61,598.00	56,401.18	8.4
530-55-6155 WATER/SEWER/GARB-COURTCOM	.00	.00	23,240.00	23,240.00	.0
530-55-6160 ELECTRICITY-COURT COMPLEX	.00	8,065.03	97,570.00	89,504.97	8.3
530-55-6170 TELEPHONE	63.01	126.18	800.00	673.82	15.8
530-55-6240 PROPERTY MT-COURT COMPLEX	.00	62.98	122,499.00	122,436.02	.1
530-55-6241 ICR-PROPERTY MAINTENANCE-15%	.00	.00	25,000.00	25,000.00	.0
530-55-6333 JANITORIAL-COURT COMPLEX	.00	7,450.00	89,500.00	82,050.00	8.3
530-55-6339 OTHER PURCHASED SERVICES	.00	.00	2,500.00	2,500.00	.0
530-55-6400 INSURANCE	.00	.00	51,121.00	51,121.00	.0
530-55-6421 BOND INTEREST EXPENSE	.00	.00	29,500.00	29,500.00	.0
530-55-6710 ADMIN OVERHEAD	.00	.00	121,105.00	121,105.00	.0
TOTAL LEASED PROP-COURT COMPLEX	4,254.54	20,901.01	624,433.00	603,531.99	3.4
TOTAL FUND EXPENDITURES	4,254.54	20,901.01	712,919.00	692,017.99	2.9
NET REVENUE OVER EXPENDITURES	(4,254.54)	(20,901.01)	166,094.00	186,995.01	(12.6)

CITY OF BETHEL
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

BETHEL PUBLIC TRANSIT SYSTEM

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>LOCAL SOURCES</u>					
560-40-4600 CASH TRANSFER GF	.00	.00	257,459.00	257,459.00	.0
TOTAL LOCAL SOURCES	.00	.00	257,459.00	257,459.00	.0
<u>FEDERAL SOURCES</u>					
560-41-4101 REV-FEDERAL TRANSIT 5311	.00	.00	278,271.00	278,271.00	.0
TOTAL FEDERAL SOURCES	.00	.00	278,271.00	278,271.00	.0
<u>CHARGES FOR SERVICES</u>					
560-43-4370 BUS FARES	940.00	4,161.00	40,000.00	35,839.00	10.4
TOTAL CHARGES FOR SERVICES	940.00	4,161.00	40,000.00	35,839.00	10.4
TOTAL FUND REVENUE	940.00	4,161.00	575,730.00	571,569.00	.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

BETHEL PUBLIC TRANSIT SYSTEM

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>TRANSIT SYSTEM SECTION 5311</u>					
560-50-6000 SALARIES	18,636.16	28,372.65	151,057.00	122,684.35	18.8
560-50-6010 OVERTIME	2,485.24	5,358.31	15,000.00	9,641.69	35.7
560-50-6023 LEAVE CASHOUT	.00	.00	6,010.00	6,010.00	.0
560-50-6030 SOCIAL SECURITY EXPENSE	.00	.00	1,727.00	1,727.00	.0
560-50-6031 PAYABLE MEDICARE FICA	312.69	501.98	2,408.00	1,906.02	20.9
560-50-6032 UNEMPLOYMENT	.00	.00	1,916.00	1,916.00	.0
560-50-6033 WORKERS' COMPENSATION	.00	.00	4,290.00	4,290.00	.0
560-50-6034 PERS	4,646.72	7,420.82	30,403.00	22,982.18	24.4
560-50-6040 EMPLOYEE GROUP BENEFITS	4,130.56	8,261.12	41,616.00	33,354.88	19.9
560-50-6041 UTILITY BENEFIT	736.35	1,472.70	9,120.00	7,647.30	16.2
560-50-6100 SUPPLIES	(2,448.40)	(2,448.40)	2,000.00	4,448.40	(122.4)
560-50-6150 GASOLINE/DIESEL/OIL	1,473.34	3,167.65	24,000.00	20,832.35	13.2
560-50-6153 HEATING FUEL	669.84	669.84	15,000.00	14,330.16	4.5
560-50-6155 WTR/SWR/GRB	.00	.00	4,200.00	4,200.00	.0
560-50-6160 ELECTRICITY	.00	441.93	6,000.00	5,558.07	7.4
560-50-6170 TELEPHONE	1.67	3.34	.00	(3.34)	.0
560-50-6171 STAFF CELLULAR PHONES	.00	49.86	598.00	548.14	8.3
560-50-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
560-50-6230 VEHICLE MAINT/REPAIR	.00	.00	29,519.00	29,519.00	.0
560-50-6231 VEHICLE PARTS & TOOLS	310.02	1,841.56	5,000.00	3,158.44	36.8
560-50-6240 PROPERTY MAINTENANCE (ISF)	.00	.00	40,833.00	40,833.00	.0
560-50-6400 INSURANCE	.00	.00	13,242.00	13,242.00	.0
560-50-6503 DUES & SUBSCRIPTIONS	.00	.00	300.00	300.00	.0
560-50-6539 MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
560-50-6710 ADMIN OVERHEAD-GF	.00	.00	92,404.00	92,404.00	.0
TOTAL TRANSIT SYSTEM SECTION 5311	30,954.19	55,113.36	535,731.00	480,617.64	10.3
TOTAL FUND EXPENDITURES	30,954.19	55,113.36	535,731.00	480,617.64	10.3
NET REVENUE OVER EXPENDITURES	(30,014.19)	(50,952.36)	39,999.00	90,951.36	(127.4)

CITY OF BETHEL
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 2 MONTHS ENDING AUGUST 31, 2025

VEHICLES & EQUIP MAINTENANCE

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
<u>CHARGES FOR SERVICES</u>					
570-43-4651 FROM GF-ADMIN	.00	.00	2,271.00	2,271.00	.0
570-43-4653 FROM GF-FINANCE	.00	.00	2,271.00	2,271.00	.0
570-43-4654 FROM GF-PLANNING	.00	.00	1,703.00	1,703.00	.0
570-43-4655 FROM GF-FIRE	.00	.00	20,436.00	20,436.00	.0
570-43-4656 FROM GF-POLICE	.00	.00	23,388.00	23,388.00	.0
570-43-4657 FROM GF-PW ADMIN	.00	.00	4,882.00	4,882.00	.0
570-43-4658 FROM GF-STREETS/ROADS	.00	.00	173,745.00	173,745.00	.0
570-43-4661 FROM GF-PROPERTY MAINT.	.00	.00	7,039.00	7,039.00	.0
570-43-4664 FROM GF-PIPED SEWER	.00	.00	4,087.00	4,087.00	.0
570-43-4671 FROM EF-PORT	.00	.00	3,633.00	3,633.00	.0
570-43-4672 FROM EF-HAULED WATER	.00	.00	340,266.00	340,266.00	.0
570-43-4673 FROM EF-HAULED SEWER	.00	.00	334,930.00	334,930.00	.0
570-43-4674 FROM EF-PIPED WATER	.00	.00	3,293.00	3,293.00	.0
570-43-4676 FROM EF-HAULED REFUSE	.00	.00	80,578.00	80,578.00	.0
570-43-4677 FROM EF-LANDFILL OPERATIONS	.00	.00	90,828.00	90,828.00	.0
570-43-4678 FROM EF-BETHEL HGT WATER TRMT	.00	.00	3,349.00	3,349.00	.0
570-43-4680 FROM EF-CITY SUB WATER TRMT	.00	.00	4,541.00	4,541.00	.0
570-43-4684 FROM EF-BETHEL TRANSIT SYSTEM	.00	.00	29,519.00	29,519.00	.0
570-43-4686 FROM EF- YKAHTC	.00	.00	1,132.00	1,132.00	.0
TOTAL CHARGES FOR SERVICES	.00	.00	1,131,891.00	1,131,891.00	.0
TOTAL FUND REVENUE	.00	.00	1,131,891.00	1,131,891.00	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 2 MONTHS ENDING AUGUST 31, 2025

VEHICLES & EQUIP MAINTENANCE

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>VEHICLE & EQUIP MAINT</u>					
570-50-6000 SALARIES	32,464.14	57,294.58	446,392.00	389,097.42	12.8
570-50-6010 OVERTIME	1,175.60	1,744.52	15,000.00	13,255.48	11.6
570-50-6023 LEAVE CASHOUT	.00	.00	21,775.00	21,775.00	.0
570-50-6030 SOCIAL SECURITY EXPENSE	82.46	245.02	.00	(245.02)	.0
570-50-6031 PAYABLE MEDICARE FICA	504.44	890.30	6,690.00	5,799.70	13.3
570-50-6032 UNEMPLOYMENT	.00	.00	5,145.00	5,145.00	.0
570-50-6033 WORKERS' COMPENSATION	.00	.00	10,775.00	10,775.00	.0
570-50-6034 PERS	7,108.22	12,119.10	101,506.00	89,386.90	11.9
570-50-6040 EMPLOYEE GROUP BENEFITS	4,245.38	7,357.95	147,737.00	140,379.05	5.0
570-50-6041 UTILITY BENEFIT	1,433.24	2,866.46	32,376.00	29,509.54	8.9
570-50-6060 TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
570-50-6100 SUPPLIES	361.80	439.25	10,000.00	9,560.75	4.4
570-50-6103 WEARING APPAREL	.00	113.97	4,000.00	3,886.03	2.9
570-50-6150 GASOLINE/DIESEL/OIL	199.33	387.00	8,000.00	7,613.00	4.8
570-50-6153 HEATING FUEL	.00	.00	22,500.00	22,500.00	.0
570-50-6155 WATER/SEWER/GARBAGE	.00	.00	6,750.00	6,750.00	.0
570-50-6160 ELECTRICITY	.00	.00	18,000.00	18,000.00	.0
570-50-6179 IT (ICR)	.00	.00	37,588.00	37,588.00	.0
570-50-6200 MINOR EQUIPMENT	.00	1,443.73	5,000.00	3,556.27	28.9
570-50-6231 VEHICLE PARTS & TOOLS	.00	1,254.48	10,000.00	8,745.52	12.5
570-50-6339 OTHER PURCHASED SERVICES	.00	583.44	5,000.00	4,416.56	11.7
570-50-6400 INSURANCE	.00	.00	38,390.00	38,390.00	.0
570-50-6503 DUES & SUBSCRIPTIONS	.00	.00	20,000.00	20,000.00	.0
570-50-6710 ADMIN OVERHEAD-GF	.00	.00	154,269.00	154,269.00	.0
TOTAL VEHICLE & EQUIP MAINT	47,574.61	86,739.80	1,131,893.00	1,045,153.20	7.7
TOTAL FUND EXPENDITURES	47,574.61	86,739.80	1,131,893.00	1,045,153.20	7.7
NET REVENUE OVER EXPENDITURES	(47,574.61)	(86,739.80)	(2.00)	86,737.80	(43369