



ASSEMBLY PUBLIC WORKS AND FACILITIES COMMITTEE AGENDA

September 18, 2023 at 12:10 PM

Room 224 City Hall/Zoom Webinar

<https://juneau.zoom.us/j/91849897300> or 1-669-900-6833 Webinar ID: 918 4989 7300

A. CALL TO ORDER

B. LAND ACKNOWLEDGEMENT

We would like to acknowledge that the City and Borough of Juneau is on Tlingit land, and wish to honor the indigenous people of this land. For more than ten thousand years, Alaska Native people have been and continue to be integral to the well-being of our community. We are grateful to be in this place, a part of this community, and to honor the culture, traditions, and resilience of the Tlingit people. Gunalchéesh!

C. ROLL CALL

D. APPROVAL OF AGENDA

E. APPROVAL OF MINUTES

1. N/A

F. ITEMS FOR ACTION

2. Long-term Follow-up to 08-05-2023 Jökulhlaup and Mendenhall River Flood Event

G. INFORMATION ITEMS

3. Waste Management Update

4. Clean Energy Programs

5. Water and Wastewater Utility Rate Increases

6. Juneau Douglas North Crossing Project Update

H. PWFC 2023 ASSEMBLY GOALS

7. PWFC Milestones for 2023 Assembly Goals (one more meeting to provide input for goals)

I. CONTRACTS DIVISION ACTIVITY REPORT

8. August 24, 2023, to September 13, 2023

J. INFORMATION ITEMS

9. Waste Management Quarterly Presentation PPT

K. NEXT MEETING DATE

10. November 6, 2023

L. ADJOURNMENT

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org.



MEMORANDUM

DATE: September 18, 2023

TO: Chair Bryson and Public Works and Facilities Committee

FROM: Katie Koester, Engineering and Public Works Director
Rorie Watt, City Manager

SUBJECT: Long-term Follow-up to 08-05-2023 Jökulhlaup and Mendenhall River Flood Event

The purpose of this memo is to provide an update on post-event actions and long-term recovery and mitigation after the Jökulhlaup and subsequent flooding of the Mendenhall River on August 5, 2023.

What has CBJ done? The initial response by CBJ primarily involved the Capital City Fire and Rescue and the Juneau Police Department working to keep people safe and to help evacuate when necessary. CBJ was able to facilitate permitting for bank stabilization, work with property owners on the safety of their homes for occupancy, and collect flood related debris on public beaches and from flood-affected homes. The disaster declaration lasted 30 days. Long-term recovery will include: working with property owners on permitting for more than just immediate safety and stabilization, CBJ efforts to protect municipal infrastructure long-term, and further study of the changing suicide basin.

The Science. The Assembly heard a presentation from a scientific panel at the [8.28.23 COW](#). The panel educated the Assembly on the sheer enormity and unpredictability of Suicide Basin and the need for more funding and research to better understand the Jökulhlaup and ultimately to predict it more accurately. They also explained the difficulty in mitigating a future event with the dynamic nature of the change with the receding glacier and the sheer size of the basin. The August 5th event released 14 billion gallons of water (21,300 Olympic-size swimming pools or roughly 1 foot deep water covering all of Douglas Island) in approximately 48-72 hours (start to finish). The peak flow of this flooding event was 1.6 times the previous record flooding event that occurred in 2016. The August 5th peak flow was over 5 times greater than the typical summertime river flow. The event timeline is reported in the National Weather Service event [summary document](#). An Evening at Egan is scheduled on October 27 at 7 p.m. to hear from experts more on the science behind this alpine phenomenon.

Recovery & Adaptation

There are things CBJ can do to help understand and adjust to the dynamic and ever-changing Mendenhall River. These options will require resources and/or funding from CBJ.

Permitting. Permits are being handled on a case-by-case basis by the Community Development Department (CDD) now that the 30-day emergency has run out. Due to the number of permitting agencies involved (CBJ, Army Core of Engineers, Alaska Department of Fish and Game, and Alaska Department of Natural Resources) and overlapping jurisdiction, CBJ held an open house with representatives from the various agencies on Thursday, August 31, 2023. Approximately 50 people attended. CDD and General Engineering continue to work with the property owners as they move from stabilizing the property and onto permanently protecting and redeveloping the property.

Project CBJ infrastructure. When CBJ infrastructure is at threat (storm drains or the Mendenhall Wastewater Treatment Plant, for example), we must protect the public investment. When we have a parcel where armoring is integral to the success of the stabilization for the adjacent property owners, CBJ considers armoring on a case-by-case basis. When we do these projects, we try to coordinate with neighbors to realize maximum cost efficiencies.

Backflow prevention. Two of the 20 stormwater outfall pipes that drain into the Mendenhall have duck bill coverings that prevent water from backing up into them during flood events. However, CBJ Streets and Engineering should do a comprehensive analysis of our storm drain infrastructure and determine where preventing the backflow of flood waters would be beneficial during large flood events. Engineering will work on developing a CIP project to that effect.

Understand the new Mendenhall. National Resource Conservation Service (NRCS) was in town the week of 9/11 to perform an initial river survey. They will look at the entire river and discuss changes, concerns, potential areas of mitigation and provide suggestions. Their work will result in a paper that will give CBJ and the public a better understanding of the behavior and path of the river.

Mapping. One week after the flood, the Alaska Department of Transportation (ADOT) flew LIDAR which gave us a good snapshot of the original bank loss. However, so much has changed since then that we are working on collecting additional LIDAR data with the bank stabilization work that has been done. An initial map comparing the river in 2013 and September of 2023 can be found [here](#). The next step is to have the high water marks surveyed and produce HEC - RAS models which are hydraulic river flow models used to identify river capacity and project flooding inundation limits at different river flows. With this information, the River Forecast Center and NWS can revise the theoretical [flood maps](#).

Advocate for long-term research. Much of what we know about Suicide Basin is due to a grant UAS had to study the phenomenon that has expired. CBJ can help UAS advocate for additional federal funding for full-time research staff. In the near term, this looks like supporting a request to direct USGS funding. In the long term, the University is advocating for a Congressionally Directed Spending request to support a 3-year research project.

More Accurate Predictions. CBJ works closely with the federal agencies that predict river stages and monitor the basin and contributes \$7,500 annually to those efforts. USGS has requested an additional \$27,500 CBJ contribution to improve video monitoring for enhanced imagery analysis for volume and stage calculations. Combined with \$10,000 from USGA, this would fund staff time to collect and interpret the data, additional cameras, a laser stage sensor with accompanying electronics and shelter, and helicopter time to access the equipment. This is reasonable and will provide important information for the community; we recommend introducing an ordinance.

Adaptation – armor the river. CBJ has received interest in coordinated efforts to armor large sections of the Mendenhall River. A large-scale project that armors the riverbank is beyond the means of CBJ – it would cost hundreds of millions of dollars and represents the kind of financing only the federal government could provide. Any CBJ led project with federal support would come with strings attached, including a higher level of design, additional cost, and CBJ taking over ownership and maintenance. There are also legal questions behind spending public funds to protect private property.

History of Meander Way/ Riverbank Restoration Project. It can be difficult to get a group of private property owners with differing degrees of interest and vulnerability to agree to a project of this nature. In 2017 CBJ helped a neighborhood effort to form a Local Improvement District (LID) to armor 26 properties along the riverbank (Meander Way/ Riverbank Restoration Project). The original proposal was funded through NRCS and an anticipated property owner contribution of \$40,000 per parcel. When all was said and done the project was estimated to cost just shy of \$12M with half being paid for through an NRCS grant, property owners' contribution capped at \$80,000 per parcel with CBJ funding the remainder at just over \$2 million. The property owners voted down the improvement. It was a long and complicated process and one CBJ is hesitant to repeat.

Recommendation:

- 1) Introduce ordinance to add \$35,000 to the operating budget to aid USGS monitoring of Suicide Basin
- 2) Introduce a resolution to support University requests for funding for ongoing research.
- 3) Discuss appetite for different levels of CBJ involvement in research, mitigation, adaptation, and next steps (discussion at Committee of the Whole, for example.)



City and Borough of Juneau
City & Borough Manager's Office
155 South Seward Street
Juneau, Alaska 99801
Telephone: 586-5240 | Facsimile: 586-5385

TO: Chair Bryson and Assembly PWFC
FROM: Rorie Watt, City Manager
RE: Clean Energy Programs

DATE: September 15, 2023

The Assembly COW heard a presentation on August 7th about On-Bill Financing and made the following:

MOTION by Mr. Smith for staff to work on the topic of On Bill Financing (OBF), to get more details and identify further concerns and for staff to report back to the Public Works and Facilities Committee (PWFC) so they can make a more informed decision and he asked for unanimous consent.

There are a number of clean energy programs and ideas, and consideration of these ideas should be made in context and in regard to appropriate municipal roles and the availability of personnel resources. In short, I am not at all supportive of the on-bill financing proposal (and have been very clear to the proponent) for the following reasons:

1. Lack of nexus between energy financing and water and wastewater utility billing.
Even if there are few loan failures, the prospect of shutting down a homeowner's drinking water (and therefore sanitation) is inappropriate and may not even be legally defensible. Energy loans should have a nexus to the energy systems and to energy providers.
2. Equal Access to a Government Program.
OBF proponent has suggested that the program only be available to homeowners with good credit. As a public entity, this is not defensible (private entities may make such decisions). In fact, it is people without the best credit who likely need the most help in making energy improvements.
3. Lack of technical support to home-owners.
In an effort to streamline costs and efforts, the proposal is to have a simple, uncomplicated heat pump installation. In my opinion, heat pump installations are and should be complicated decisions. A partial energy replacement means that owners must continue to own and maintain existing heating systems. While the one-size-fits-all might be faster for achieving climate change goals, I believe that the Alaska Heat Smart model is much better for homeowners.
4. Sole sourcing of one system component supplier.
Absent a good procurement process, I can't support sole sourcing one company for equipment supply (or for that matter, steering installations to one or a small number of contractors).

There are probably other issues, but the above is enough, in my recommendation to make CBJ participation not advisable. However noble in its intent, the idea is fatally flawed.

However, there are a number of better and more interesting ideas and programs available to the public, and I do recommend that CBJ support them. Those include the Alaska Heat Smart program, JEDC and Spruce Root's efforts to obtain federal funding to facilitate energy loan financing. CBJ also participates in a number of other

clean energy initiatives including our work on Electric Vehicle (EV) charging stations, municipal fleet busses, and cruise dock electrification.

Recommendations:

1. CBJ should **NOT** pursue on-bill financing on CBJ utility or property tax bills.
2. CBJ should continue to support Alaska Heat Smart.
3. CBJ could work with AEL&P to support changes to State legislation authorizing energy financing.
4. CBJ should support JEDC and Spruce Root's efforts to obtain federal funding.



PWFC

Utility Rate Increase

Brian McGuire, Utilities Superintendent

9/18/2018



Agenda

- Rate Increase History: 1992 – 2023
 - Alaska CPI Comparison
- Last Rate Increase Discussion
 - FY20 to FY29 Outlook
 - Then vs Now
- Preview: What we need

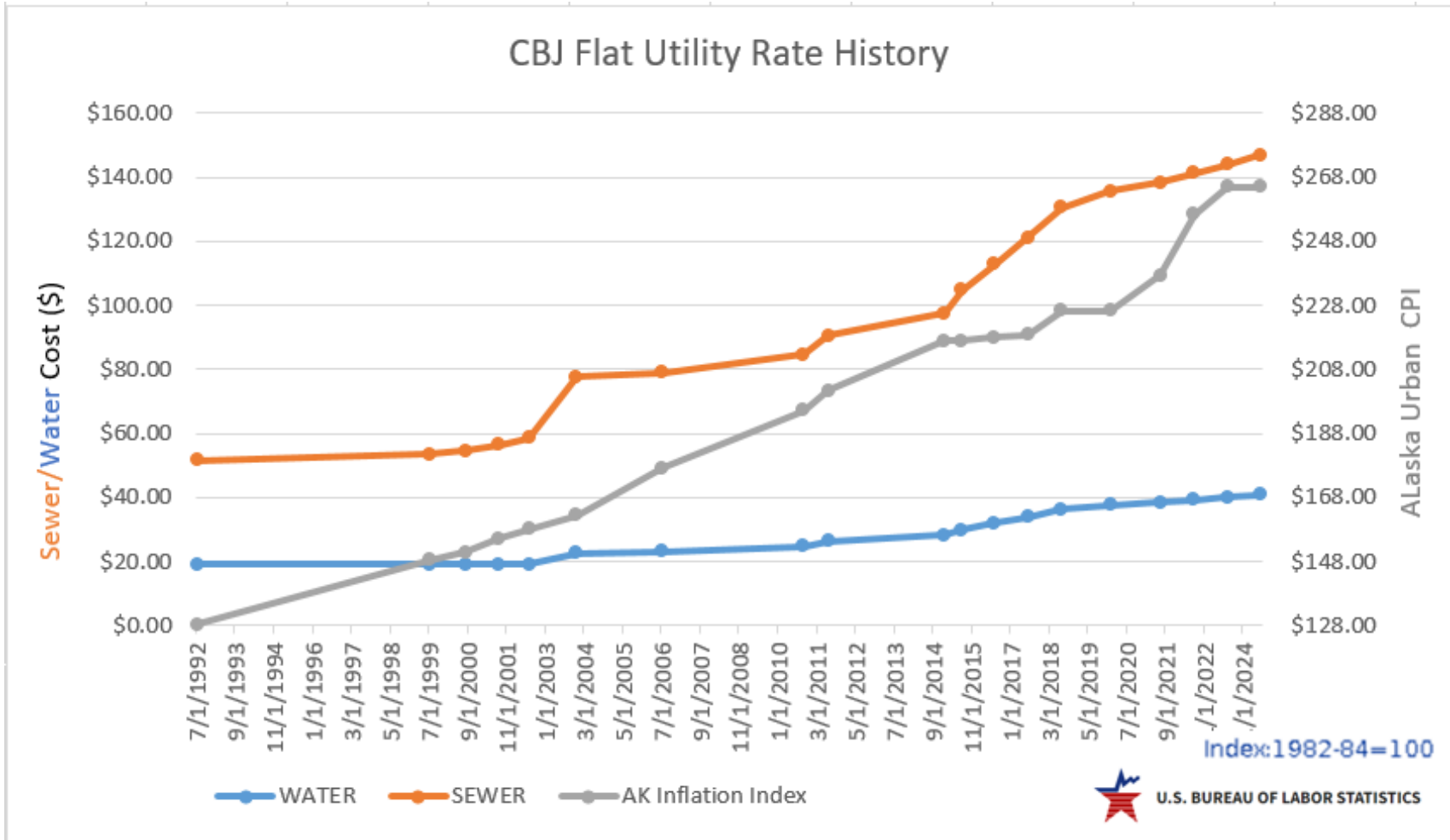


Water & Sewer Rate Increase

- Last Utility Rate Increase takes effect FY 25 (7/1/24 – 6/30/25)
- Request: Increase during period FY26-FY30
 - Request: New rates in effect July 1, 2025



Water & Sewer Rate History





Landscape

FY20 - FY29 Strategy	Projected	Actual



Landscape

FY20 - FY29 Strategy	Projected	Actual
Budget Improvements	- Stop shipping biosolids @~\$1.5MM to distribute locally by end of 2020	



Landscape

FY20 - FY29 Strategy	Projected	Actual
Budget Improvements	- Stop shipping biosolids @~\$1.5MM to distribute locally by end of 2020	- Shipping costs rise 54% FY19-FY22 - Shipping costs reach \$2.7MM in FY23
Regulatory Action		



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Regulatory Action	<ul style="list-style-type: none"> - None 	



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Regulatory Action	<ul style="list-style-type: none"> - None 	<ul style="list-style-type: none"> - COBC issued 2021



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CIP Spend	- @ Inflation of 2.1/yr	- CIP Costs roughly DOUBLE in 5 yrs
Future Rev Increases		



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Future Rev Increases	- FY20 (Jan - June): 4% - FY21 - FY25: 4% - FY26 - FY30: 3.5%	



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Future Rev Increases	- FY20 (Jan - June): 4% - FY21 - FY25: 4% - FY26 - FY30: 3.5%	- FY20 (Jan - June): 4% - FY21 - FY25: 2% - FY26 - FY30: TBD



Landscape

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Overall Inflation	- 2.10% annually	



Landscape

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Overall Inflation	<ul style="list-style-type: none"> - 2.10% annually 	<ul style="list-style-type: none"> - 2020: 4% - 2021: 5% - 2022: 8% - 2023: 3.5% (BU) - 2024: 2.2% (BU)



Recent CIP Projects

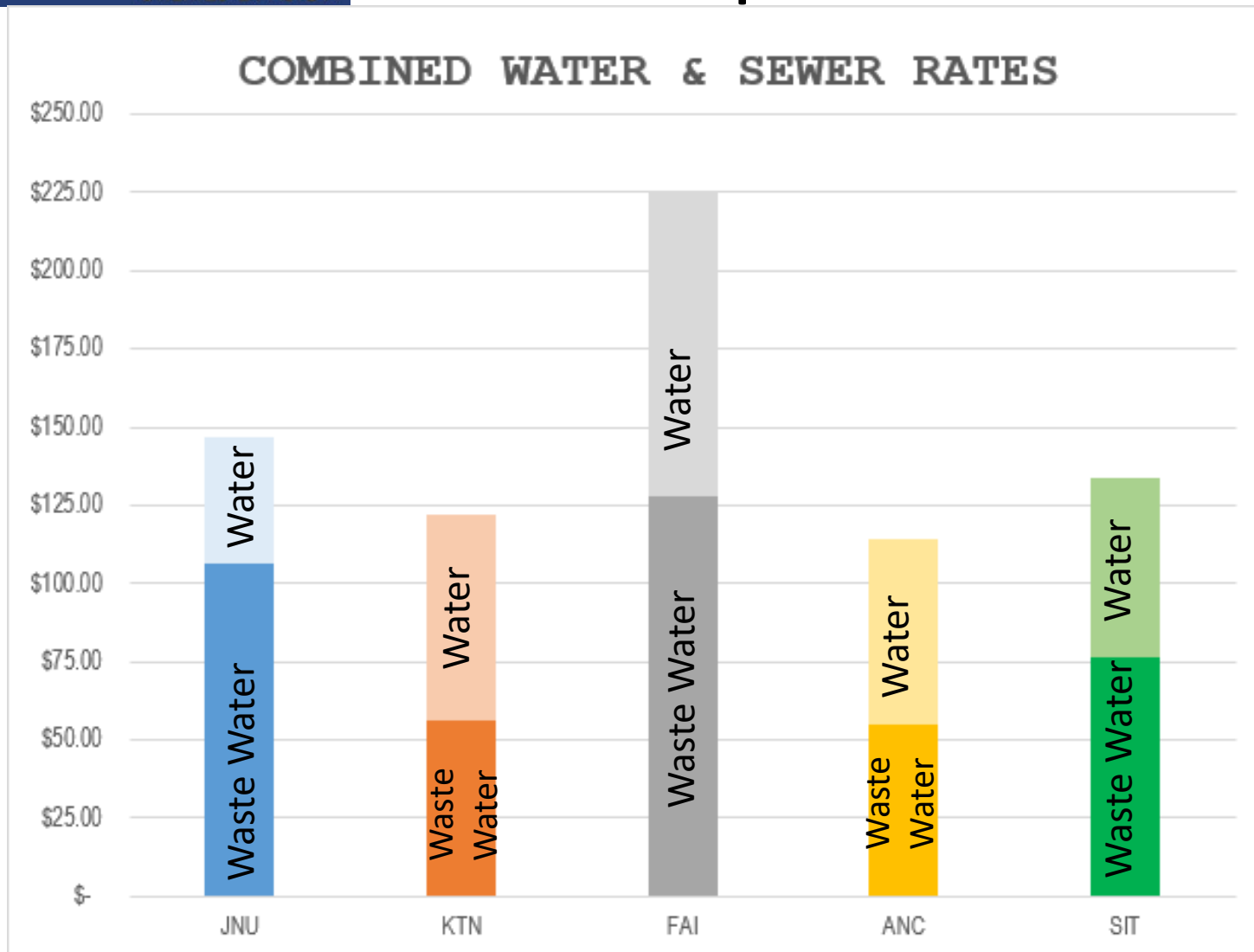
- Selected projects w/ budget during last 4 yrs

Plant	Funded Project	Year	Cost
JD	Vactor Dump Project	2020	\$5.4MM
JD	JD Motor Control Center Modernization	2021	\$0.5MM
MH	Mendenhall SCADA Upgrade	2024	\$3.9MM
MH	Biosolids Crusher	2022	\$2.5MM
Coll	Outer Dr. and W. Juneau Liftstation Upgrade	2022	\$8.6MM



How does Juneau Compare?

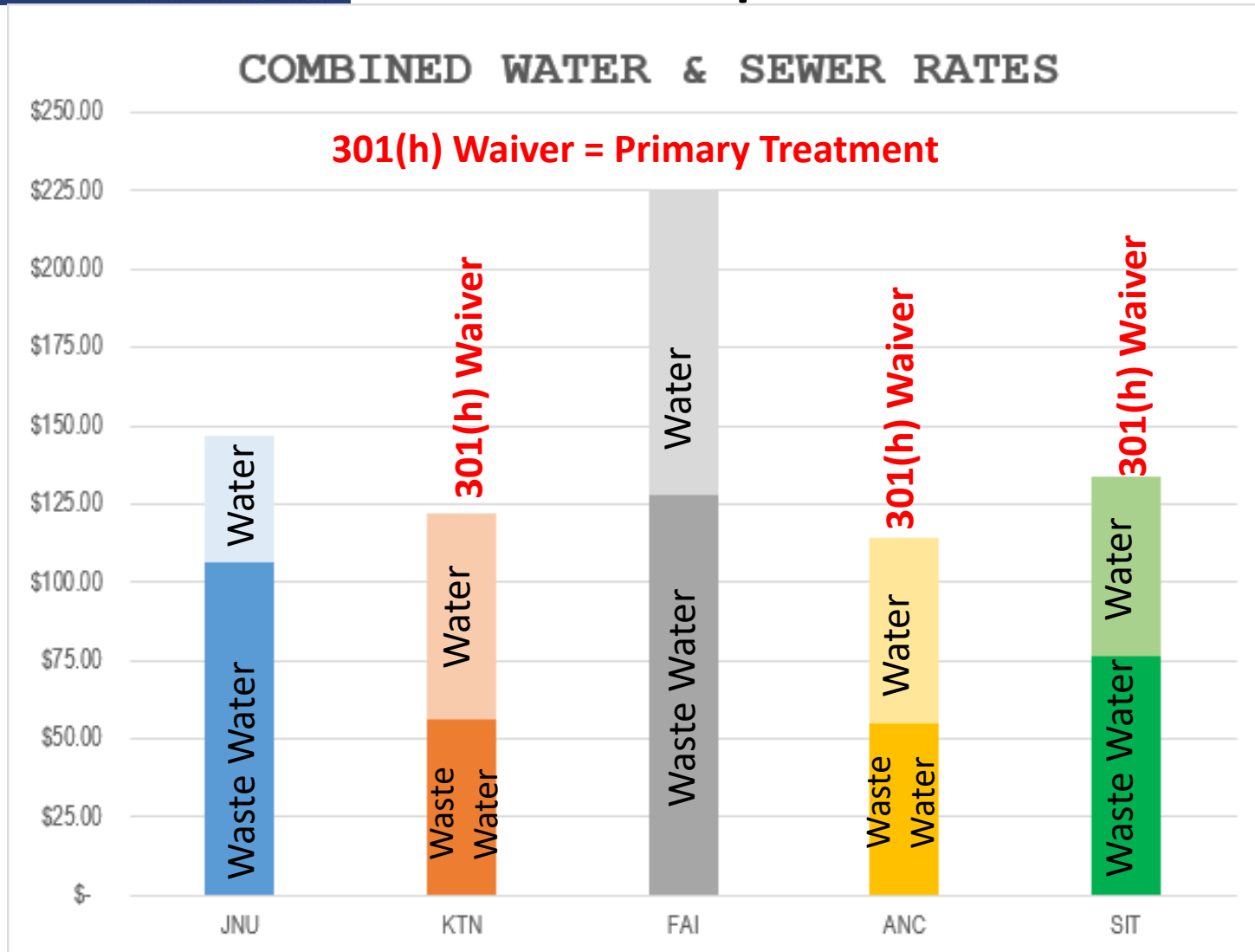
Section G, Item 5.





How does Juneau Compare?

Section G, Item 5.





State of the Effort

- What do we need?
 - Funding Increases of 10-15%
(\$15 - \$22)
 - Via Rates, Bonds, Combo, other?

Working with UAB on Final recommendation



Back up

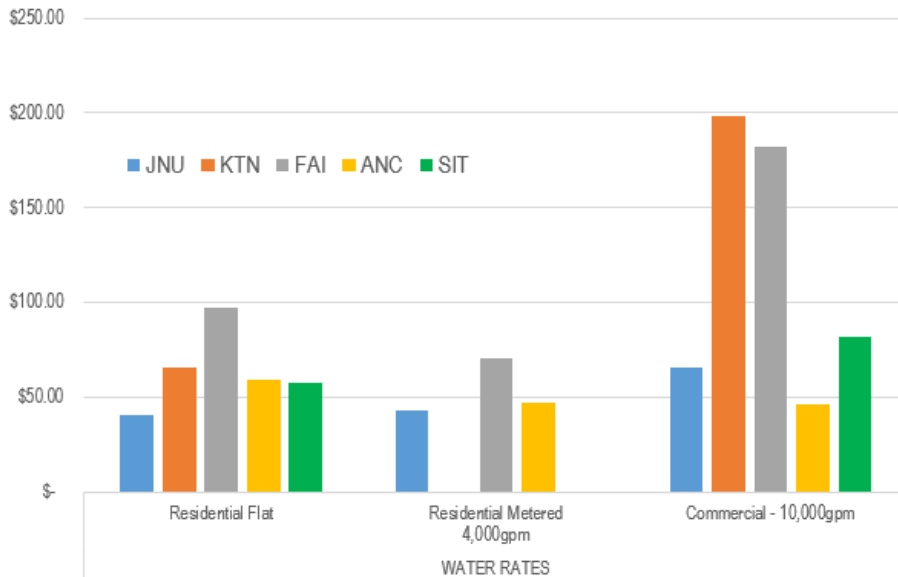
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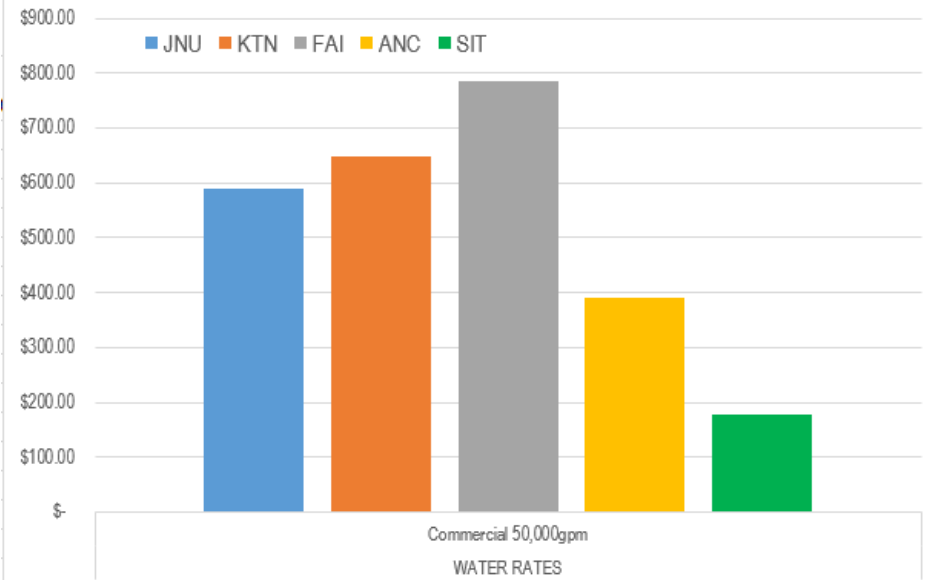
Rate Comparisons

Alaska Water Rates

WATER RATES



WATER RATES

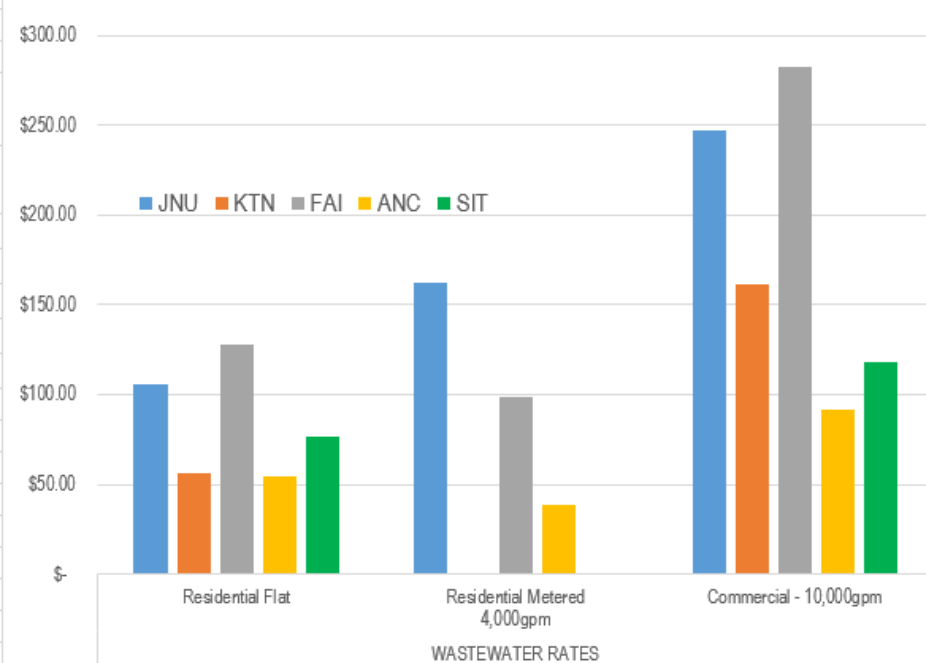




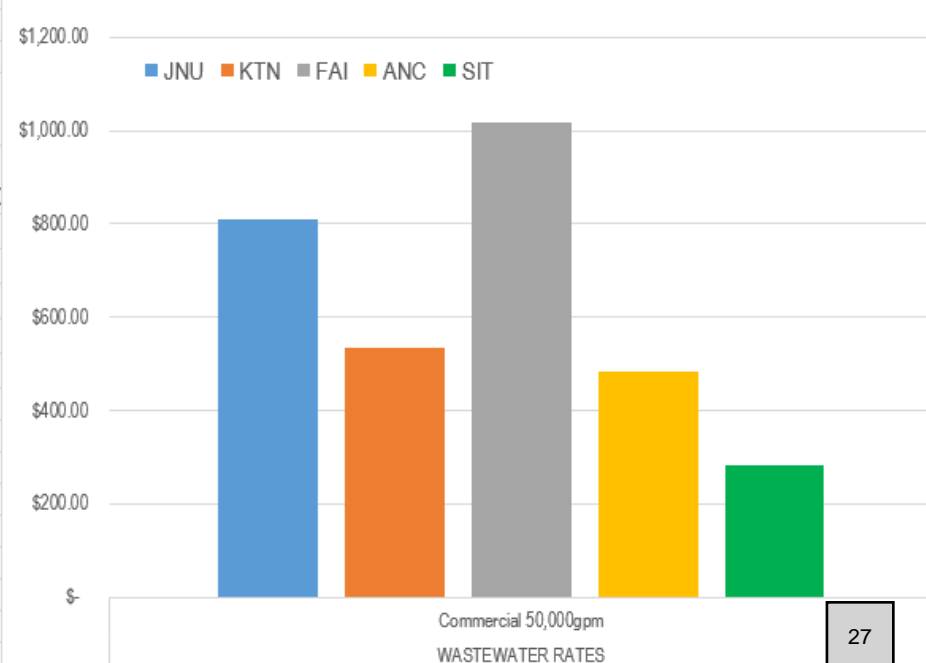
Rate Comparisons

Alaska Wastewater Rates

WASTEWATER RATES



WASTEWATER RATES

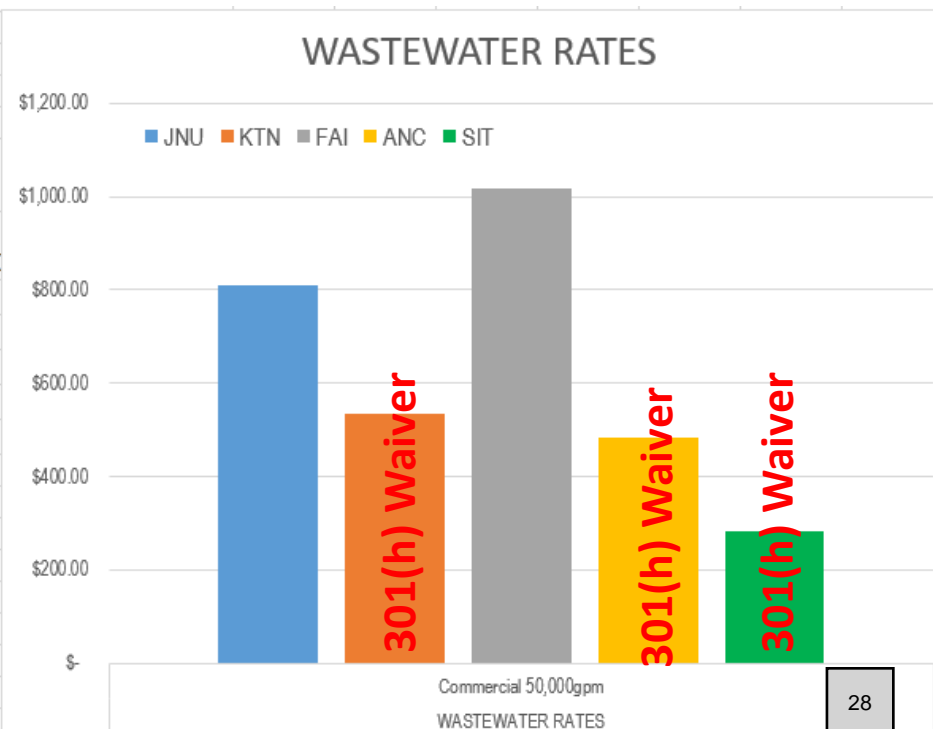
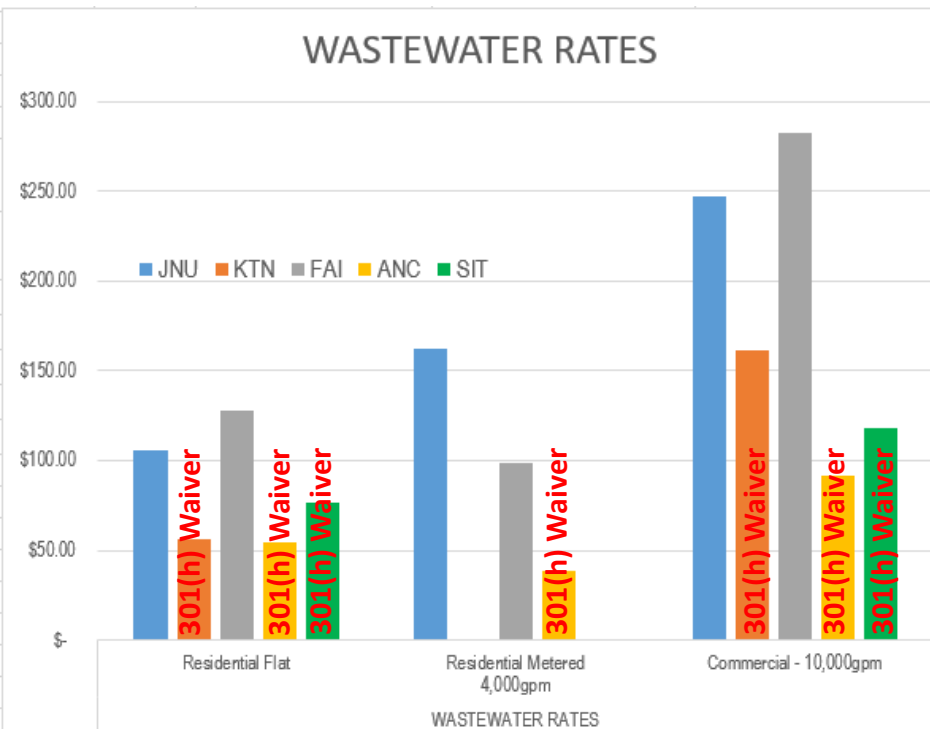




Rate Comparisons

Alaska Wastewater Rates

301(h) Waiver = Primary Treatment





Engineering & Public Works Department
 155 South Seward Street
 Juneau, Alaska 99801
 Telephone: 586-0800 Facsimile: 465-4565

DATE: September 18, 2023

TO: Chair Bryson and Public Works and Facilities Committee

THROUGH: Katie Koester, Director of Engineering & Public Works

FROM: Bridget LaPenter, Chief GE

SUBJECT: North Crossing Update for the Public Works and Facilities Committee- North Douglas Crossing Planning and Environmental Linkages (PEL) Study, North Douglas Sub Area Plan

Below is a summary of progress, recent activities, and a forward glance for each of the subject projects for your information and use.

North Douglas Planning and Environmental Linkages (PEL) Study

The PEL study is a project of the Alaska Department of Transportation (DOT). The goal of this study is to identify a purpose and need for a possible transportation corridor connecting mainland Juneau to the North end of Douglas Island and evaluate preliminary crossing location alternatives. The PEL study advances the first steps of future National Environmental Policy Act (NEPA) requirements through field studies including wetland delineation and functional assessment, an eelgrass survey, intertidal habitat mapping, and migratory bird/upland bird habitat mapping. The fieldwork is being supported by a portion of Congressionally Directed funds.

Thus far, DOT has conducted a *Level 1 screening*, which reduced the number of possible alternative crossing locations based on purpose and need, natural environment, social, housing, economic, safety, constructability, cost, public support, and additional goals. Following this screening, DOT is organizing to undertake the above-mentioned fieldwork activities within the next 6 weeks. If funding allows, DOT will also undertake an archaeology and historical resources survey, hydraulic site characterization, and geophysical mapping during this period. It is important to note the fieldwork will inform all possible crossing locations to better understand environmental conditions and potential impacts of the alternatives being considered, including the no-build option.

The PEL study is expected to be completed by the end of January 2024, at which time the NEPA process is expected to begin.

North Douglas (ND) Sub Area Plan

As a supplement to the PEL study, the CBJ has engaged DOWL to assist in developing an ND Sub Area plan to document impacts to and inform potential development along North Douglas Highway and West Douglas Island. Following a preliminary draft report from DOWL in early 2023, the CBJ requested additional quantitative data to illustrate housing needs, geographical/topographical potential for housing development, and economic feasibility of development within the study area as compared to development on the mainland. In response to CBJ's comments, DOWL consulted with Agnew::Beck (A::B) to assist with their analysis. The Scope of A::B's work includes proforma housing analyses, proforma assumptions regarding development, and an updated housing needs assessment.

The Committee likely remembers the Juneau Economic Development Council (JEDC) prepared for the housing needs assessment in 2012 and has subsequently provided two specific market updates (senior housing, short-term rentals) in 2014 and 2022. Although these updates provide some insight into changes within the housing market, preliminary research by A::B suggests that a declining population and steady development within the last ten years may have had an impact on housing vacancy rates within the area. Other factors that may have contributed to a changing housing landscape include vacant properties, short term rentals, and crowded housing conditions. Employment opportunities remain abundant in Juneau and there is likely some quantifiable interplay among employment, housing, and declining population but this has not yet been demonstrated. It is our intent for the ND Sub Area Study to evaluate the potential for development on North and West Douglas.

A final report summarizing the research of both DOWL and A::B is expected by the end of December 2023.

Forward Glance

The CBJ has been awarded the US Department of Transportation RAISE Grant for 2023 in the amount of \$16.454M in Federal funds which is intended to take the North Douglas Crossing project through final design. CBJ Engineering is currently drafting a memorandum of understanding (MOU) with DOT to reassign the grant funding directly to DOT. The RAISE grant requires an \$866k match to be furnished by CBJ per *Serial No. 3019(b) A Resolution in Support of a Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant for the Juneau Douglas North Crossing*.

In Fiscal Year 2022, the CBJ DOT joint North Douglas Crossing project was awarded \$7M in Congressional Directed funding to support NEPA. Unfortunately, neither CBJ nor DOT were aware of a required 9% match of these funds. Both agencies are proposing to split the cost evenly, requiring a \$315k match commitment from the Borough. CBJ and ADOT are working to present a draft MOU and an accompanying appropriation ordinance for the needed match to PWFC at the November meeting.

In Fiscal Year 2023, CBJ requested an appropriation of \$5M for engineering, design, and public involvement for the project but we are not expecting confirmation of these appropriations until late December 2023.

PWFC Action Items to Advance 2023 Assembly Goals

Adopted 1.30.23

Progress Report Date: 9/18/2023

2. Economic Development - Assure Juneau has a vibrant, diverse local economy			
	Implementing Action Item:	Committee Work:	Progress Report:
F.	<u>Pursue and plan for West Douglas and Channel Crossing</u>	Engage the public and prepare the project for a successful grant application for full design including working with ADOT and identifying match.	9.18.23. CBJ in negotiations with ADOT for MOU on project. Environmental field work is underway. CBJ applied for technical assistance grant to keep funding momentum for construction phase of JDNC (See JDNC PWFC memo dated 9/18/2023).
G.	<u>Explore options for redeveloping under utilized downtown property</u>	<i>New: Do project development work for city owned land and facilities.</i>	9.18.23. NCH Presentation and Tours on 9/13/23. Website with information and Pat Race video is live with a prominent link on the CBJ home page.
3. Sustainable Budget and Organization – Assure that CBJ is able to deliver services in a cost efficient and effective manner that meets the needs of the community.			
	Implementing Action Item:	Committee Work:	Progress Report:
C.	<u>Long term strategic planning for CIPs</u>	Committee work to engage in Big Picture Capital Project Planning; build on Legislative Priority List process.	3.6.23. Legislative Priority available on Assembly home page; CIP resolution introduced to PWFC.
F.	<u>Maintain Assembly focus on deferred maintenance including BRH and JSD;</u>	Do committee work so that Assembly can increase funding for deferred maintenance.	11.4.22. Assembly increased commitment to deferred maintenance in 1% that passed in October.

4. Community, Wellness, and Public Safety - Juneau is safe and welcoming for all citizens.

	Implementing Action Item:	Committee Work:	Progress Report:
C.	<u>Explore fully subsidizing transit and eliminating fares</u>	<i>New: Explore pros and cons of fare free transit and develop recommendation to the Assembly.</i>	6.5.23. Fare-Free Exploration presented at 12.19.22 PWFC and 5.10.23 Finance Committee

5. Sustainable Community – Juneau will maintain a resilient social, economic, and environmental habitat for existing population and future generations.

	Implementing Action Item:	Committee Work:	Progress Report:
A.	<u>Develop a zero waste or waste reduction plan</u>	Establish framework for stakeholder engagement; Define goals for composting and level of municipal involvement	9.18.23 - RFP issued for Waste Audit.
B.	<u>Develop strategy to measure, track and reduce CBJ energy consumption.</u>	Support and follow efforts of Facilities Maintenance to implement an Energy Management and Information System (EMIS)	8.28.23. Update from Building Maintenance scheduled.
C.	<u>Implement projects and strategies that advance the goal of reliance on 80% renewable energy sources by 2045</u>	Do committee work on Green House Gas (GHG) Emissions data collection/ measuring initiative to ensure a useful metric the Assembly can support	08.28.23 GHG Report finalized on August 4, 2023.

C. (Cont'd)		Define CBJ's role in providing EV charging infrastructure and electricity to the community. Support efforts to continue building the EV charging network to provide convenient and affordable EV charging for the public and to lay the groundwork for applying for grants.	6.25.23 CBJ applied for \$5M EV charging infrastructure planning and implementation grant.
			Section H, Item 7.
D.	<u>Develop climate change adaptation plan</u>	Review "Juneau's Changing Climate & Community Response"	8.08.22 Report released: https://acrc.alaska.edu/docs/juneau-climate-report
E.	<u>Develop strategy to reduce abandoned/junked vehicles.</u>	Do committee work to support the Assembly in increasing funding for junk vehicle disposal, including possible incentives.	9.26.22. Guidance requested on junk vehicle next steps (round up, targeted removal, incentives).

MEMORANDUM



TO: Denise
Engineering & Public Works Director

FROM: Greg Smith
Contract Administrator

Date: September 14, 2023

SUBJECT: Contracts Division Activity
August 24, 2023, to September 13, 2023

Current Bids – Construction Projects >\$50,000

BE24-044	Crow Hill Building & Generator Install	Estimate \$143,100; 1 bid received – Alaska Electric for \$150,000.00. Award in progress
BE23-243	JNU Rehabilitate Part 121/135 Apron & RON Parking Apron	1 bid received. Colaska Inc. dba SECON, low bidder for \$14,708,640. Notice of Intent to Award issued 9/12/2023.
BE22-202	JNU Gate 5 Passenger Boarding Bridge	2 bids received. Dawson Construction, LLC., low bidder for \$1,705,705. Notice of Intent to Award issued 8/22/2023.
MR24-066	JPD Impound Lot Lighting Improvements	Estimate \$100,000; Bids due 9/26/2023.
MR24-130	Randall Road Guardrail Rehabilitation	Estimate \$100,000; Bids due 9/15/2023.

Current RFPs – Alternative Procurement

	None	
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Current RFPs – Services

RFP E24-068	Design Services for F Street, W. 8 th Street and 10 th Street Reconstruction	NTP issued to PND Engineers, \$61,932, August 30, 2023.
RFP E24-057	Design Services for Downtown Stairs Replacement	One Proposer. NorthWind Architects, LLC. is the selected firm. Fee negotiations in progress.
RFP E24-092	Waste Characterization Study	Proposals due 9/26/2023.

Other Projects – Professional Services – Contracts, Amendments & MRs >\$20,000

AM 2 to RFP E20-070	JNU Taxiway A-Di-E Contract Administration & Inspection Services	Amendment Issued to DOWL, \$226,790.95.
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Construction Change Orders (>\$20,000)

	None	
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Term Contracts for Small Civil & Utility Construction Services (>\$20,000)

PA 9 E22-308(A)	BRH Failed Hot Water Line Replacement	\$30,000 NTP 9/13/2023
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Term Contracts for CBJ Material Sources Construction Services (>\$20,000)

	None	
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Term Contracts for General Construction Services (>\$20,000)

PA 9 E22-205(C)	Fish Creek Shelter Concrete slab & Foundation	\$44,668.23 NTP 9/07/2023
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Term Contracts for Painting Work (>\$20,000)

	None	
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Term Contracts for Electrical Work (>\$20,000)

PA 9 E21-166(AKE)	Eaglecrest Electrical Repairs and Upgrades	\$45,306.00 NTP 9/13/2023
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MR E24-021 – Term Contract for Professional Services. This solicitation is open for a three-year period. Consultants continue to submit proposals. Contracts are in progress and underway.

Key for Abbreviations and Acronyms

Am	Amendment to PA or Professional Services Contract	PA	Project Agreement - to either term contracts or utility agreements
CA&I	Contract Administration & Inspection	RFP	Request for Proposals, solicitation for professional services
CO	Change Order to construction contract or RFQ	RFQ	Request for Quotes (for construction projects <\$50K)
MR	Modification Request – for exceptions to competitive procurement procedures	RSA	Reimbursable Services Agreement
NTE	Not-to-exceed	SA	Supplemental Agreement
NTP	Notice to Proceed	UA	Utility Agreement



Capitol Landfill

Sept 2023 CBJ Update

Section J, Item 9.



June 2022 Capitol LF Update Agenda

1. Fundamental Goals
2. Odor Complaints.
3. Completed Projects.
4. Planned Projects.
5. Safety Updates
6. Questions



Fundamental Goals

- **Mitigate Odors – Significant Progress**
 - Minimize Working Face Size
 - Improve LF Cover
 - Improve Landfill Gas Collection
- **Control Litter – Good Progress**
 - Minimize Working Face Size
 - Bird Deterrents
 - Bear Fencing
- **Safety – Good Progress**
 - Public Dropoff - Minimize Working Face Size
 - Customer Compliance
 - Traffic Control - Spotter
 - PPE

**Path to achieving these goals
requires Change**





Odor Complaints

Total of 2 Complaints in 2023

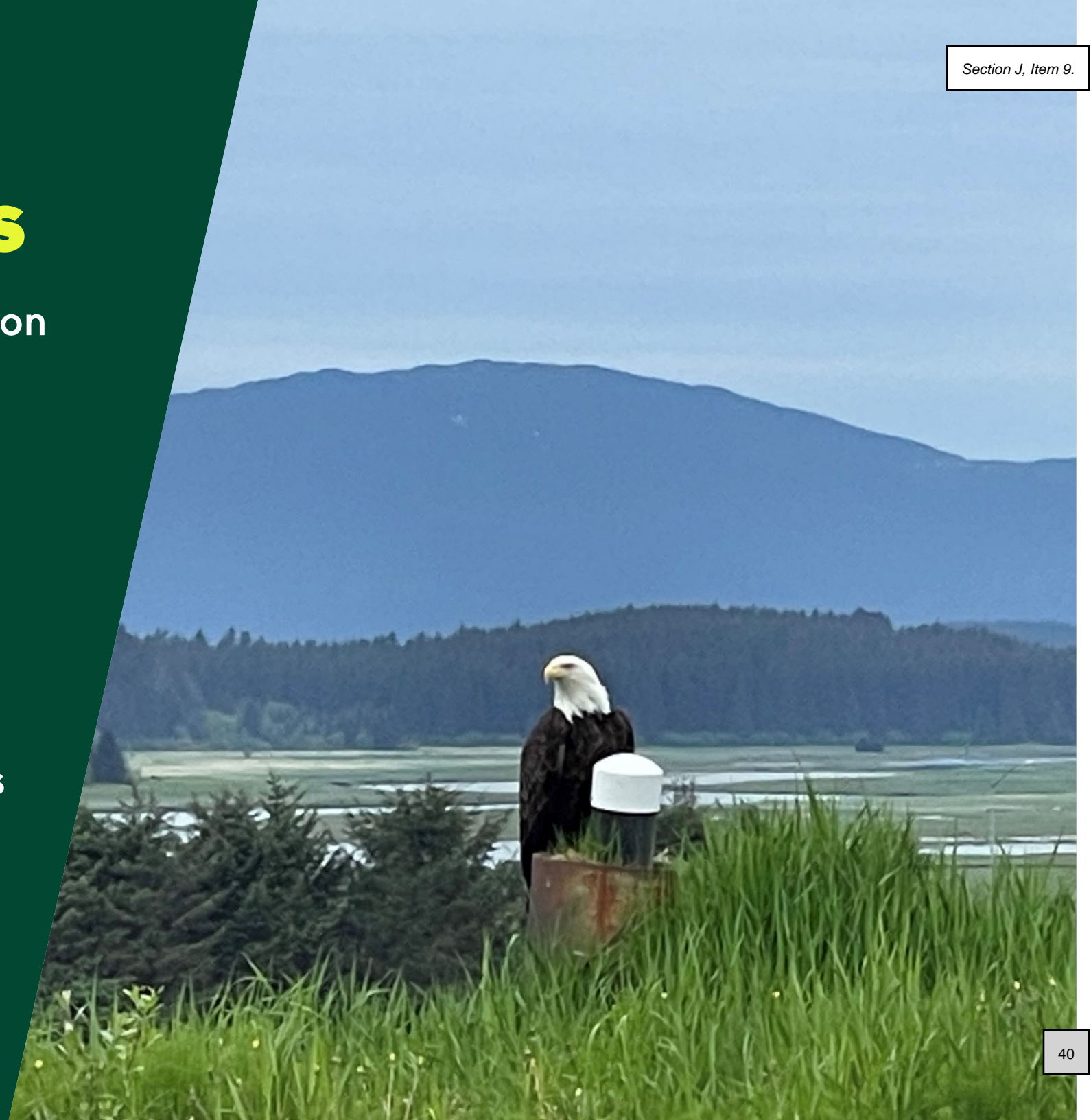
- Please call 907-780-7801 to report odors immediately
- Odor complaints received days after complaint is lodged do not assist us in identifying the source





Completed Projects

- New Cell Constructed w/ leachate collection
- Stormwater conveyance improvements
- Temporary Cap Installed
- Phase 1 of fencing project completed
- Improvements to gas collection system
- Installed additional leachate conveyance
- Installed bird deterrent call system
- USDA installed propane cannon deterrents
- USDA extended times on site





Planned Projects

- Demolishing Maintenance Bay
- 2nd Scale Project 2024





Landfill Safety

- Snowfall/Ice may delay LF and Recycleworks opening
- Recycleworks building improvements installed
 - Access inside the building restricted
- Spotter at LF working face
- Additional signage added with more to come

Section J, Item 9.



Thank you.