ASSEMBLY STANDING COMMITTEE PUBLIC WORKS AND FACILITIES COMMITTEE THE CITY AND BOROUGH OF JUNEAU, ALASKA

May 22, 2017 12:00 PM Municipal Building - Assembly Chambers

I. CALL TO ORDER

II. APPROVAL OF MINUTES

A. May 1, 2017 - Regular Meeting

III. PUBLIC PARTICIPATION on NON-AGENDA ITEMS

IV. ITEMS FOR ACTION

- A. Augustus Brown Pool Covers
- B. Proposed LID Mendenhall River Erosion Ballot Results

V. INFORMATION ITEMS

- A. Parks & Recreation 1% Temporary Sales Tax & CIP Update
- B. Utilities Financial Update

VI. CONTRACTS DIVISION ACTIVITY REPORT

A. April 27 to May 17, 2017

VII. ADJOURNMENT

ADA accommodations available upon request: Please contact the Clerk's office 72 hours prior to any meeting so arrangements can be made to have a sign language interpreter present or an audiotape containing the Assembly's agenda made available. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org

PUBLIC WORKS & FACILITIES COMMITTEE Regular Meeting – May 1, 2017 12:00 – 1:00 PM – City Hall Assembly Chambers DRAFT MINUTES

I. ROLL CALL

Meeting was called to order at 12:00 p.m.

Members Present: Ms. Gladziszewski (Chair), Mr. Nankervis, Ms. Weldon

Planning Commission: Carl Greene

Staff Present: Roger Healy, Tina Brown, John Bohan, Skye Stekoll, Rich Ritter, Rob

Steedle, Greg smith

II. APPROVAL OF AGENDA

None.

III. APPROVAL OF MINUTES

- A. February 27, 2017 Approved
- B. March 20, 2017 Approved
- C. April 10, 2017 Approved

IV. PUBLIC PARTICIPATION ON NON-AGENDA ITEMS

None

V. ITEMS FOR ACTION

A. Title 19 Update Process

Rob Steedle spoke on Ordinance 2017-01, which is an update of the Title 19 Building Regulations. Provided in the memo are explanations on the process that takes place to get to the revisions of the codes, which are revised about every three years. The State Fire Marshal makes sure the codes are suitable for life in Alaska and makes the necessary modifications as does the CBJ's Building Code Advisory Committee, then the State of Alaska and CBJ adopts the revised codes.

Discussion ensued.

Mr. Nankervis asked that Ordinance 2017-01, with the update on the Title 19 Building Regulations be forward to the full Assembly.

No objections. Motion passed.

B. Alternative Procurement – Charter Amendment

Mr. Healy provided an overview on the need for alternative procurement methods for our Capital Improvement projects. The current Design-Bid-Build is in the CBJ's best interest for the majority of its projects, but the Design-Build, and Construction Manager/General Contractors alternative procurement methods for specialty construction such as medical, multi-story vertical building, complex utility and transportation system would be more appropriate for more complex projects.

The current Charter language limits CBJ's procurement for most capital projects to one method, Design-Bid-Build, resulting in a low bid process. CBJ would like to amend the Charter, to include the alternative procurement methods such as Design-Build, and Construction Manager/General Contractors which are best suited for specialty construction. This would require Assembly approval and Public Vote. Engineering would like this to be forward to the Committee of the Whole.

Discussion ensued.

It was decided that Staff would revisit this topic at the next PWFC meeting scheduled for May 22, 2017 and provide to the PWFC the specific language that would be added to the Charter.

C. Engineers Cutoff at Fritz Cove Road Water Break & Funds Transfer

Mr. Bohan discussed the severe corrosion of the waterline at the Engineers Cutoff intersection. There have been numerous breaks within this section of pipe over the years with the recent break occurring two weeks ago. The waterline needs to be replaced before a catastrophic failure occurs. Replacement of the waterline is scheduled to take place this construction season at a cost of approximately \$137,000. Engineering is requesting \$72,000 out of the Area wide Water Main Repairs CIP, which currently has \$72,000, and \$65,000 to be transferred out of the SCADA Upgrades CIP.

Ms. Weldon asked that \$65,000 from the SCADA Upgrades CIP W75-046 and \$72,000 from the Area Wide Water Main Repairs CIP W75-036 at total of \$137,000 be transferred into a CIP for Engineers Cutoff Waterline CIP is forward to the full Assembly.

No objections. Motion passed.

D. Seawalk-Bridge to Gold Creek & Whale Park, Donation, Transfer and Update

Mr. Healy and Mr. Stekoll gave an update on the Seawalk project. There will be many different construction projects going on in this area, which will cause close access of the Seawalk structure. Access will be provided when construction allows.

The remaining project cost for the pump room construction at the Whale structure is \$765,000 and will be built this summer. The Whale Fountain Committee has donated an additional \$250,000, and there are \$245,000 remaining of sales tax in the project budget, an additional \$270,000 is needed to complete the project. Staff proposes a

transfer from the projects shown in the memo to reach the \$270,000 that is needed. Staff requests an appropriation ordinance for the \$250,000 donation from the Whale Committee and a transfer of \$270,000 as listed in the memo to the CIP Fund P41-090 for the Whale Park Project and it be forwarded to the full Assembly.

The restroom will be bid in late summer/early fall and will be completed in early Spring 2018, with a total estimated project cost of \$450,000 and will be paid for with the remaining Seawalk Marine Passenger funds.

There was concern on having funds to go towards the Project Playground. At this time it is still being determined as to what insurance will pay for and what the cleanup costs will be. There is a community fund raising taking place for Project Playground.

Discussion ensued.

Mr. Nankervis asked that an appropriation ordinance for the \$250,000 donation from the Whale Committee and a transfer of \$270,000 as listed in the memo to the CIP Fund P41-090 for Whale Park be forwarded to the full Assembly.

No objections. Motion passed.

VI. INFORMATION ITEMS

A. ADOT – Pat Carroll – Egan Drive - Cancelled

VII. CONTRACTS DIVISION ACTIVITY REPORT

Discussion ensued.

Mr. Healy mentioned the Meander Way LID that is to take place on May 4, 2017.

VIII. ADJOURNMENT - Meeting adjourned at 12:35 PM.

The next PWFC meeting will be May 22, 2017.

City and Borough of Juneau Engineering Department 155 South Seward Street

Juneau, Alaska 99801 Telephone: 586-0800 Facsimile: 463-2606

City & Borough of Juneau

Alaska's Capital City

DATE:

May 16, 2017

TO:

Maria Gladziszewski, Chair

Assembly PWFC

FROM:

Richard Ritter, Chief Architect

Engineering Department

RE:

Proposed transfers to new CIP titled Augustus Brown Pool Covers

The Parks & Recreation Department has determined that procurement and installation of pool covers at both the leisure and lap pools at the Augustus Brown Swimming Pool will offer significant benefits including energy savings and reduction of building relative humidity. The preliminary estimate of total project cost is approximately \$150,000. Parks & Recreation is therefore recommending the following transfers to fund a new CIP titled *Augustus Brown Pool Covers*. The indicated funds available are approximate pending review by Finance.

CIP	Funds Available	Transfer Amount	Funds Remaining
P46-100 Augustus Brown Pool HVAC	31,863	31,863	0
P44-086 AB Pool Short Term Repairs	512,000	120,000	392,000
SUBTOTAL		\$151,863	

We assume that CIP P46-100 will be closed after transfer of funds. I recommend that you forward this to the full Assembly for approval.

Cc: Kirk Duncan, Director of Parks & Recreation Roger Healy, Director of Public Works and Engineering Bob Bartholomew, Director of Finance



Engineering & Public Works Department

155 South Seward Street Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: May 22, 2017

TO: Mary Becker, Chair

Public Works and Facilities Committee

FROM: John Bohan, PE, Chief CIP Engineer

Public Works and Engineering Department

RE: Proposed LID 200 – Mendenhall River Erosion– Meander and Rivercourt

Informal Ballot Results

The results of informal poll for the Proposed Mendenhall River Erosion – Meander and Rivercourt – LID 200, are as follows:

Ballot Response	Value of Assessments (\$78,534 / property)	Number of Properties	Percent of Assessment Values
Yes	\$1,570,680	20	80%
No	\$392,670	5	20%
Total	\$1,963,350	25	100%

93% of property owners returned ballots (25 of 27):

Action Requested

Staff requests the Public Works and Facilities Committee forward the formation of the proposed LID 200 to the Committee of the Whole for discussion and action.

- The LID and NRCS project is a radical proposal and I cannot bear the burden of this additional financial cost nor do I want to.
- there are better, faster options to remediate the ongoing erosion affecting a handful of homeowners involved rather than moving forward with the LID/NRCS action.
- Not only is this proposed action an unconventional use of an LID but I feel CBJ is
 overreaching its authority by presenting the LID process and imposing their authority on
 unwilling homeowners. I question the legality of CBJ's rights to proceed in the manner
 they've described to date.
- I'd think CBJ would have been much more supportive of those homeowners who, in the past, had been adversely affected by the river erosion. Over the past several years or river erosion activity, CBJ could have acted as an agent by assisting homeowners previously adversely affected during the permitting process with the agencies who require permits to add erosion control measures.
- Instead of supporting the affected homeowners, CBJ decided to pursue Federal funding for an extreme and overzealous project and I don't believe the millions of federal dollars estimated as the cost for the proposed project is an equitable use of all our tax dollars.
- According to NRCS, their lengthy contracting process ensures nothing will be done until well after the next "jokulhlaup" occurs and any costs incurred by those homeowners who attempted to prevent further erosion have been wasted and cannot be recovered.
- the statement made by CBJ in the last neighborhood meeting regarding homeowners ability to 'vote' on additional costs of the project is unrealistic. If and when this project moves forward under a Federal contract, homeowners will be just along for the ride and be forced to pay additional funds if cost overruns are incurred by the contractor.
- I'm highly skeptical that homeowners will be apprised of ongoing project details by CBJ or NRCS if this LID and Federal contract progresses.

Curtis Goehring
3361 Meander Way
securtg@gmail.com

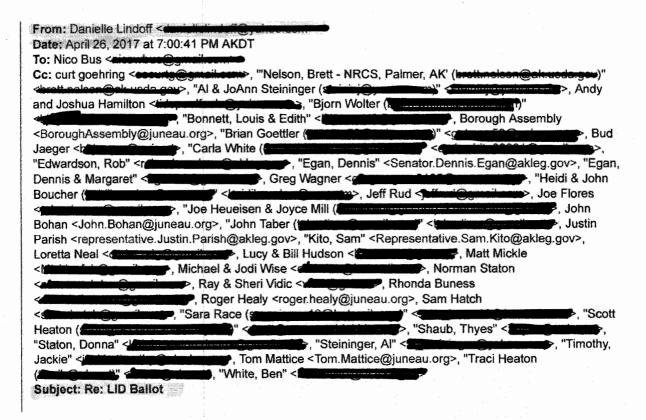


Danielle Lindoff <

Wed, May 3, 2017 at 10:53 AM

Danielle Lindoff

Begin forwarded message:



My fellow neighbors:

Here is why I am voting no, and hope that everyone considers doing the same.

There are really only about 10 properties in need right now, and I am not one of them.

While I empathize for my fellow neighbors, spreading the cost equally amongst the 28 of us is not fair. I think that a proportionate payment to the amount of work would be a more equitable way to split the cost.

Nico, this is nothing against you or your immediate neighbors, and I do appreciate you taking the lead and giving some history on this research, however I feel that if these emails are going to be on the CBJ record, then the record should be made clear.

You stated that at the last meeting the neighbors all voted to pursue the project with CBJ. But one thing you failed to put on the record is that 13 of the property owners were not represented. So while 15 of you may have agreed, and yes some others who did not attend later voiced their support, a lot of the "no voters" in the initial survey were not in attendance or were not informed of the meeting. We did not have a chance to voice our concerns, thus giving everyone an opportunity to "sway" some of the swing votes (so to speak).

I would also like to know how it is that you were given the results of the initial ballots that were submitted last



fall? I assumed these ballots would be confidential and for the CBJ Assembly members consideration only, and was quite shocked to see that the votes of each neighbor were disclosed to you and then later to the group.

Your comment about where did the 28 come from is a good comment, as I was wondering the same. Why only 28? Or why so many? Both questions could be and should be asked and answered by NRCS.

CBJ has no obligation to reduce our property assessments based on this project, and given the fact that they have stated they will be charging us interest on the 15 year lien, and including an admin fee, I think it's safe to say that they are in this for two reasons, to improve the river access property that they own (a direct benefit to them without any cost) and to make some money by assigning someone to facilitate these discussion and manage the project.

My fellow neighbors, remember that you cannot just back out and decide you don't want to pay! Once the LID is formed - the Lien will be put in place!! So, before you hastily vote yes thinking it's our only option, please know that you don't have to be bullied into supporting this project, if you are opposed to it (like I am) as presented, I urge you to vote NO on the ballot and show up to testify at the assembly meeting when they and only they will decide our fate.

Danielle Lindoff

On Apr 26, 2017, at 3:51 PM, Nico Bus wrote

Greetings,

I appreciate Curt and Danielle's position, however there are many points to be made. None of us like to spend \$78,000 on a riverbank. I had to spend \$25,000, 20 years ago, to harden my riverbank as it was getting to be like it is now at Flores', Jaeger's, Staton's, and Wagner's.

Curt's point about the value of the property is an important one! Without a restoration project, most all of our properties lose value. With a project that protects the riverbank and our homes we will have the chance to sell our homes. Without strengthening your riverbank you will lose value as an honest realtor or homeowner now needs to disclose the erosion problem (and the cost to fix it).

To put things in perspective Wagner's and Staton's tried to go it alone and use a local engineering firm about two years ago and at that time the project cost for each of their property was more than \$150,000!!! That's when Norm Staton talked to the CBJ's Tom Mattice and Tom got the NRCS involved. All their work to-date have been at no charge to the homeowners.

The project as designed by NRCS is very solid, and yes expensive. It is up to us homeowners to work with, challenge the cost, and explore alternatives. I volunteered to coordinate communications for the impacted neighbors. After the earlier mtg with the CBJ and the NRCS we did challenge the CBJ cost of \$700.0 and they were honest and said it was high and now in their new estimate it is lower and it dropped the estimate per property from \$125.0 to \$78.0.

I think it is important that the impacted neighbors work as a group, which means that you need coordination and agreement. The CBJ and their LID process will force this. From my personal experience in trying to convince neighbors to work together on a project like this, first in 1996 and now in 2016 and 2017, it does not work. There are many reasons for neighbors not agreeing on a project like this. I worked for DNR in 1996 so I had all the resources and connections to make it a success, yet only one neighbor agreed to go in with me to protect the riverbank in our riverbend.

Forward 20 years and what I predicted in 1996 happened in 2015 and 2016 and the upstream properties



from our home started to fail. Initially both Wagner's and Staton's bank failed badly. Jaeger's and Flores' did not look too bad and seemed like they were not in danger. Then came the 2016 summer season and the river took big chunks out of not only the Wagner and Staton's property but then it went upstream and started to eat on Jaeger's and Flores' property and possibly Rud's. Ironically when Jaegers and Flores applied for emergency permit to strengthen their bank and hopefully avoid having their homes fall into the river in the 2017 summer season, the Wagners and Staton decided not to participate and wait till the NRCS/CBJ project was decided. Their right to make that decision - but now you have a very dangerous situation in that if the river takes too much of their property then the downstream neighbors (Buness and Bus) will be negatively impacted, even though these properties did spend their money in 1996 to add much rock, which is mostly still there, with the comment that it is not clear how much remains and how strong their "toe" (the section below the water mark) is.

The advantage of the NRCS/CBJ project is that they did all the engineering and surveying. Their design is very solid and much better than what Jaeger and Flores just spent ~\$30.0 each on.

The questions to ask are why the 28 properties - The Lindoffs are at the very start of the project and feel they could be excluded as they are gaining land. All others have varying degrees of impacts. This may change significantly this summer again.

When we met last all of us agreed to take it to the next step and work with the CBJ/NRCS. The LID process will make it more formal and some may change their mind when it comes to signing on the bottom-line.

I for one do not want to spend \$78.0, but when comparing to going it alone - like the Wagners and Statons tried to do 2 years ago - think it is much cheaper as we will have the benefit of the NRCS Federal grant.

The big question is what to do if we do not get the federal grant.??

I will be back in Juneau this Sunday and eb willing to get another neighbor meeting together to discuss options.

Nico

[Quoted text hidden]







Fwd: LID Ballot

2 messages

Danielle Lindoff <

Wed, May 3, 2017 at 10:53 AM

Danielle Lindoff

Begin forwarded message:

From: Danielle Lindoff <daniellelindoff@yahoo.com></daniellelindoff@yahoo.com>
Date: April 26, 2017 at 7:15:24 AM AKDT
To: curt goehring <securtg@gmail.com></securtg@gmail.com>
Cc: "Nelson, Brett - NRCS, Palmer, AK' (brett.nelson@ak.usda.gov)" <bre></bre>
JoAnn Steininger Andy and Joshua Hamilton
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Louis & Edith" < Borough Assembly
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Margaret" General Margaret M
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Parish <representative.justin.parish@akleg.gov>, "Kito, Sam" <representative.sam.kito@akleg.gov>,</representative.sam.kito@akleg.gov></representative.justin.parish@akleg.gov>
Larotta Maal control C
Loretta Neal Charles, Lucy & Bill Hudson Charles, Matt Mickle
, mornadi di dodi vinoci i
Ray & Sheri Vidic Rhonda Buness
Roger Healy <roger.healy@juneau.org>, Sam Hatch</roger.healy@juneau.org>
, "Sara Race (Sara Rac
Heaton ("Shaub, Thyes" < "Shaub, Thyes" < "The shaub, Thyes" < "Thyes" < "The shaub, Thyes" <
"Staton, Donna" ("Timothy, "Steininger, Al"), "Steininger, Al"
Jackie" <jackie.timothy@alaska.gov>, Tom Mattice <tom.mattice@juneau.org>, "Traci Heaton</tom.mattice@juneau.org></jackie.timothy@alaska.gov>
, "White, Ben" , Nico Bus <
Subject: Re: LID Ballot
Thank you Curt!
Thank you Guitt
Finally a voice of reason!!
Trially a voice of reasons:
I too will be voting no!
I would also like to know how it is that CBJ has added in an administrative fee.
the same to small the same observed and add in an administrative ree.
I also feel my property shouldn't even be in there in the fist place.
am drafting my extensive response of why we should all yote no on this and will be sending it out



Danielle Lindoff

On Apr 25, 2017, at 7:56 PM, curt goehring < wrote:

Fellow neighbors:

You may have noticed the "Informal Ballots" were in today's mail. We are sending out this email to voice our opinion as to why we intend to vote NO on the formation of an LID to improve the riverbank, and encourage other homeowners to do likewise.

- 1. First and foremost, there was NEVER any alternative resolution pursued by the group. We're not even sure how the CBJ and NRCS got involved as our only solution in the first place. We recently contacted JNP Engineering, a Juneau firm, and asked if they could provide us with a second opinion on how to mitigate the river erosion problem. They have extensive experience in erosion and waterway construction and said they would be happy to review the CBJ/NRCS proposal. If the LID process fails, we're nowhere close to pursuing any other solutions. Putting all our faith in the CBJ/NRCS proposal is risky at best. There are no alternatives in place and we strongly recommend we, as homeowners, pursue other options.
- 2. We vehemently oppose all homeowners being forced into an (approx.) \$80,000 lien on our properties. Of course, we feel terrible for those who have had serious erosion the past several years, but do not feel the proper way to address the issue is to negatively impact 28 properties. To say the work "needs to be done to prevent our property from erosion" is like saying "I should quit my job today, because I MIGHT win the lottery tomorrow." It is ludicrous to essentially hand over a blank check and agree to the LID, not knowing what the total dollar figure will end up being. If the costs go up, we sit back and take an even bigger hit on the value of our homes. This money will never be recouped. Having a re-inforced riverbank will NOT increase our property value, in fact, the loss of our beautiful backyards would likely bring home values down even more.

There have been a couple of comments by "out-of-towners" whose only interest in this stems from their rental properties along the river. They are happy to go along with the LID because they can use the cost as a "tax write-off". Nice for them. Not so nice for the rest of us.

- 3. We bought this house next to the river to enjoy the beautiful backyard and view that came along with it. By the time this LID goes through and the work is completed, we will ALL be left with the following:
- a. NO trees along the riverbank in our backyards, nothing but a sterile environment right up to our houses.
 - b. Little, to no backyard space, if any.
 - Nothing but grey rocks right outside our back doors, AND...
- d. A chain link fence between us, and the river. Most likely installed at the top of the slope, which means we'll have a fence directly outside our back doors. There will no longer be public access by any of us to the river.



THIS is not why we chose to live here!

4. Last and certainly not least, our property values will take an immediate and devastating hit. Everyone's property value will instantly be reduced by (approx.) \$80,000. Anyone not planning to stay here permanently will have to pay the LID lien in full, as part of any closing costs, should you try to sell.

I also wonder how the retired folks living along the river can cover the lien (an assessment of \$10,000 per year) on a fixed income.

We have attended almost every meeting. Unfortunately, we were out of state when the last one took place. We have been taking this all in and have expressed concerns at previous meetings just to have them swept under the carpet.

There has to be another way. Two of the homeowner's up-river from us put \$25,000 each into "emergency" repairs which cost will be for naught should this LID and NRCS project occur. Their money will have been wasted. At the original meeting a member proposed forming a non-profit Homeowner's Association which we've strongly suggested since, and all homeowners commit to contributing a reasonable amount to assist those homeowners most adversely affected by river erosion and perhaps improve other at-risk properties riverbanks.

Remediation must occur to help affected homeowners and prepare for additional future erosion problems and we obviously need to do SOMETHING! But forcing everyone into an exorbitant and unknown monetary obligation for the next 10 years is not the solution.

One last note. We have heard several times that the CBJ owns two of the properties included in the 28 along the river. Have those properties, i.e. CBJ, been assessed the same amount of funds as all other homeowners? We propose CBJ not be allowed to vote pertaining to the formation of the LID for those properties. They stand to profit approx. \$100,000 if the LID goes through, which appears to be a direct conflict of interest.

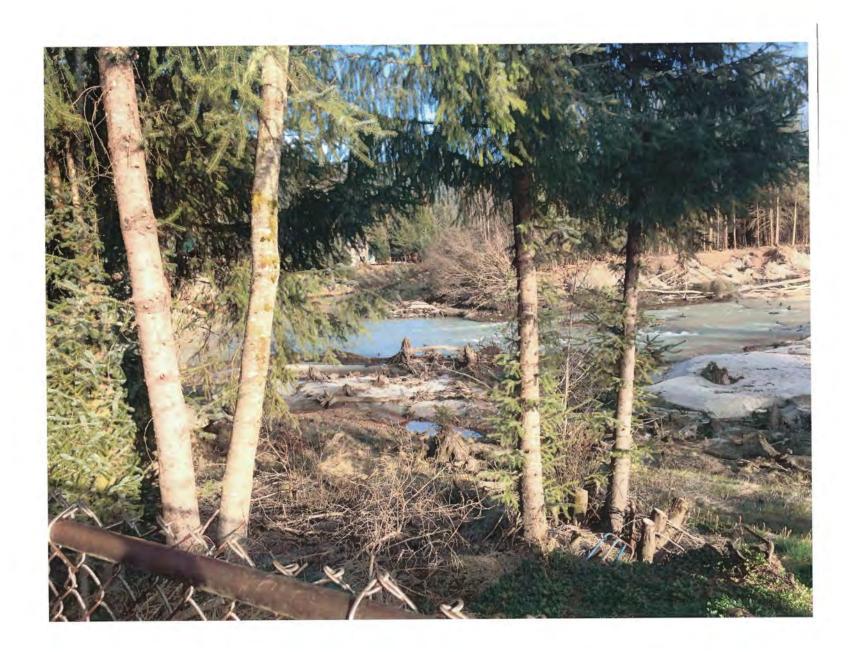
With all of this in mind, we encourage each of you to consider voting against the LID. We welcome comments and suggestions.

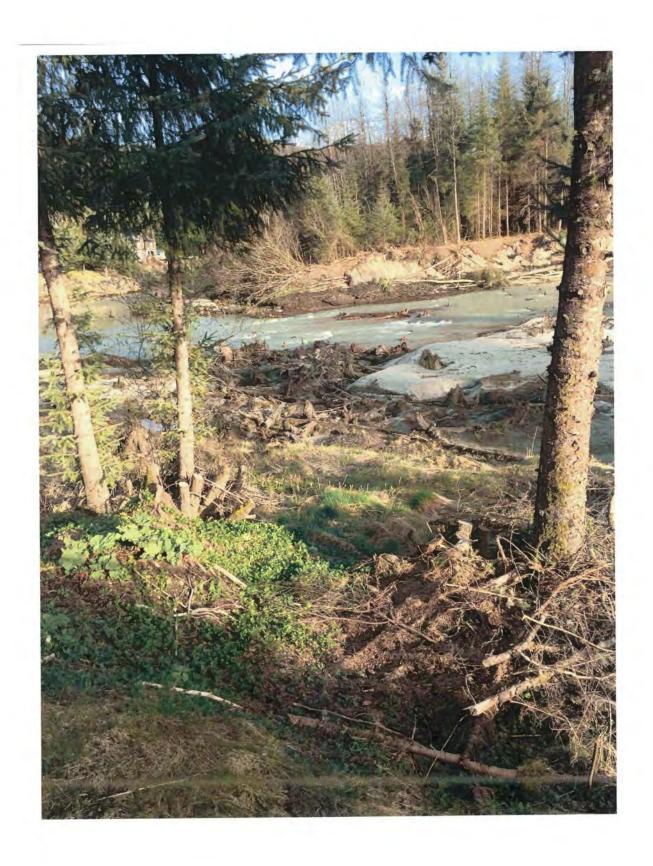
Sincerely,

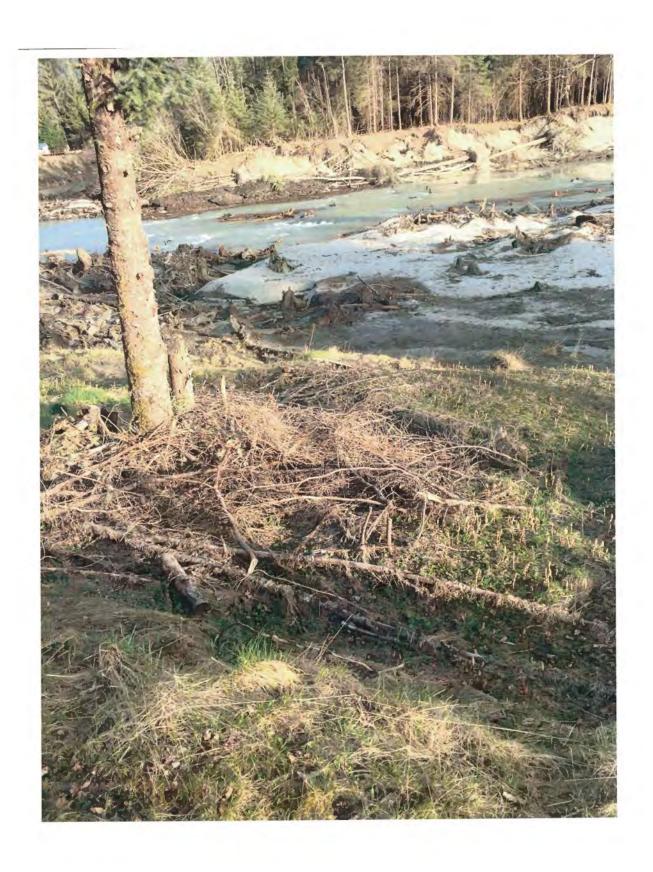
Curt and Joyce Goehring

3361 Meander Way

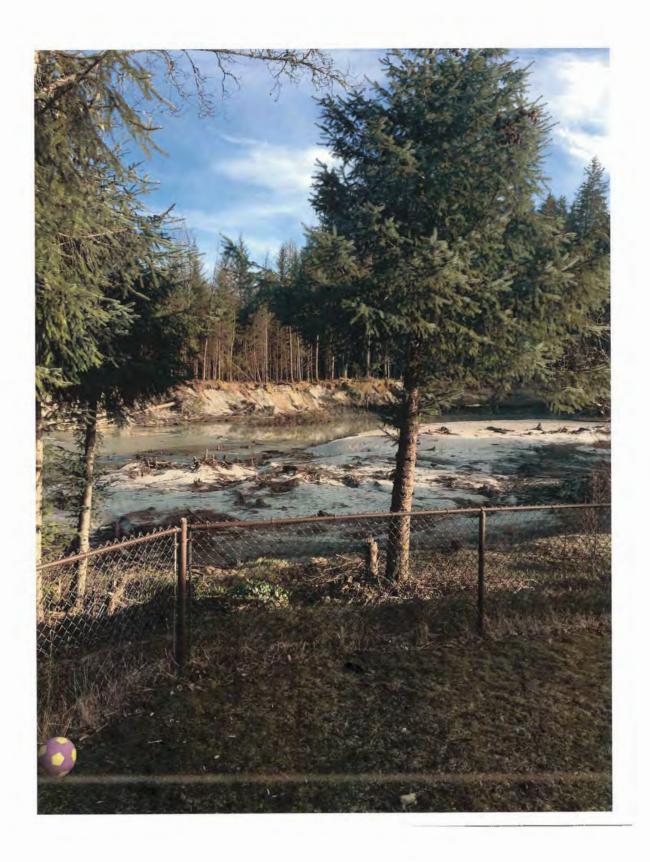
















Engineering & Public Works Department

155 South Seward Street Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: May 22, 2017

TO: Mary Becker, Chair

Public Works and Facilities Committee

FROM: Michele Elfers, Chief Landscape Architect

SUBJECT: Parks and Recreation 1% Temporary Sales Tax and CIP Update

In 2012, voters approved extending the 1% temporary sales tax for 5 years and funding parks and trails maintenance, and Lemon Creek and OHV Parks. The funding years, approved amounts and status update is below.

	FY 16	FY 17	FY18	FY19	Add'l Cost	Status
1% Temporary Sales Tax						
Parks Areawide Deferred Maintenance	\$250,000					Ongoing
Jensen Olson Arboretum		\$75,000			\$50,000	Design, Construction this fall
Cope Park	\$550,000				\$50,000	Complete, tennis court surface repair spring
Twin Lakes Park	\$173,000	\$57,000	\$70,000			Construction this spring
Chicken Yard Park		\$93,000				Planning
Capital School Park	\$150,000					Design this summer/fall
Treadwell Mine Historic Park		\$150,000				Construction, Treadwell Office Building Phase I
Riverside Rotary Park		\$250,000				Design, Construction planned summer/fall
Lemon Creek Park				\$250,000		
Off Highway Vehicle Park				\$100,000		
Subtotal Parks	\$1,123,000	\$625,000	\$70,000	\$350,000		
Treadwell Ditch Trail		\$150,000				Construction this summer
Montana Creek Trail	\$150,000					Trail deemed to difficult to restore
Auke Lake Montana Cr Connector Trail	\$50,000					Waiting on UAS easement
Horse Tram Trail Restoration and ADA Upgrades		\$125,000				Construction this summer
Subtotal Trails	\$200,000	\$275,000				

Capital School Park and Chicken Yard Park have both received funding and there are decisions to be made on how to utilize these funds. At Capital School Park, the retaining wall, drainage issues, and the existing non-ADA compliant playground equipment have been identified as high priority needs. An analysis of the wall this spring shows that the wall is performing adequately and not showing signs of failure, some patchwork can be done in one area. Staff will research options for drainage improvement to allow for the basketball court to remain functional. Playground equipment can be replaced if adequate funding is available.

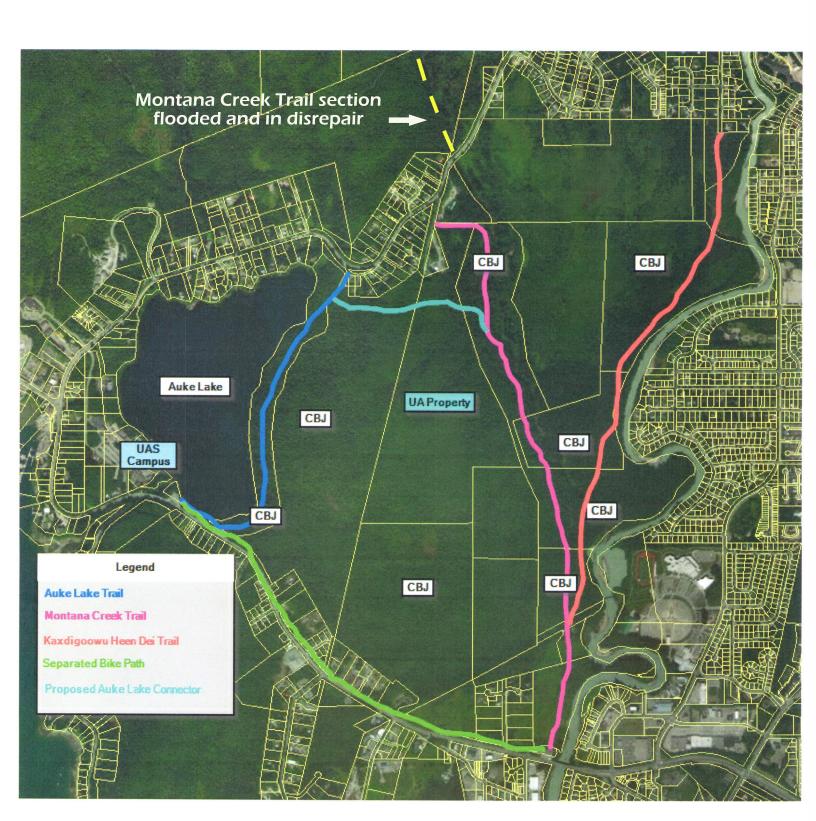
Chicken Yard Park received \$93,000 in funding and staff has identified a need for a water service and hose bibb to serve pop up community gardens in this park, funding could also be used to establish the community garden use for the neighboring residents. The current playground equipment is in disrepair and should be either removed or replaced. There is not adequate funding to replace it. With Capital School Park a short distance away, Parks and Recreation staff proposes using partial funding from the \$93,000 to install a hose bibb at Chicken Yard Park, remove the playground equipment, and then using remaining funding to supplement the Capital School Park funding for the wall, drainage and playground equipment.

The 1% sales tax parks funding has been placed in the Parks and Playground CIP, this is the same CIP that annually receives \$200,000 - \$250,000 in sales tax for park and playground improvements. With the proposed FY18 budget, that CIP will have approximately \$1M in funds on July 1, 2017. Of this \$1M, approximately \$850,000 is allocated to Cope Park, Arboretum, Rotary Park, Capital School Park, Chicken Yard Park, and the pending Bridge Park Pumproom transfer. This leaves approximately \$150,000 unallocated for FY18. Typically, these funds are used to upgrade existing parks and playgrounds.

Regarding the trail projects for the 1% sales tax, the Montana Creek trail section proposed for improvement extends from Back Loop Road to the community garden (see attached map), this trail has been inundated by flooding from Montana Creek and would be nearly impossible to repair. Staff recommends moving this funding to supplement the Auke Lake Montana Creek Connector Trail and the Treadwell Ditch Trail.

Staff requests input on these recommendations from the committee and can come back to the committee with additional information and a request for action as needed.

Auke Lake Area Trail Network Plan

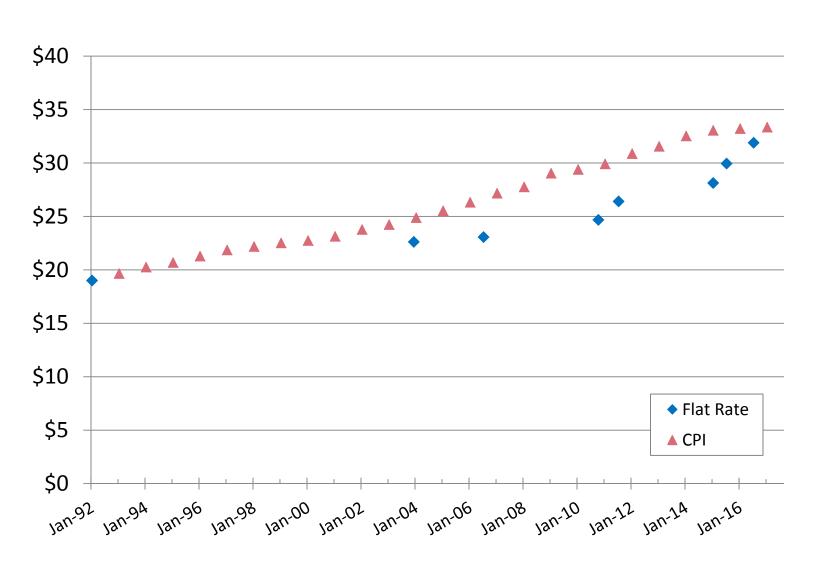




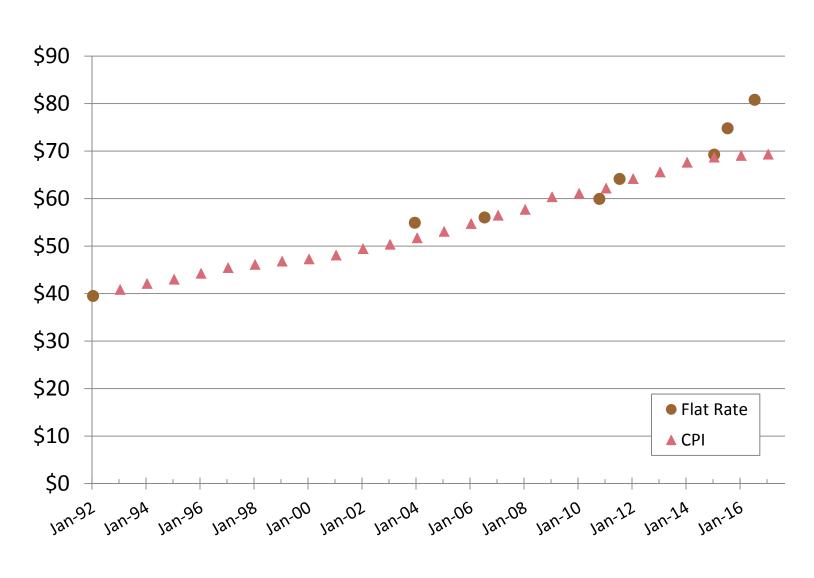
Public Works & Facilities Committee

May 22, 2017

Water Utility Rates



Wastewater Utility Rates



2013 Rate Study (Assembly Review) – Study Assumptions

- ▶ 10 year study period (FY14 FY23)
- O&M cost basis (FY14 + 2.7% annual increase)
- Minimum reserve (30 45 days of operating expenses)
- 10 year CIP List (Water \$20M and Wastewater \$52M)
- Asset and Operating Basis (Water 30% and Wastewater 70%)

2013 Rate Study (Assembly Review) – Funding Recommendations

Water Utility

- Rate increase (varied by scenario)
- Passenger fees (FY15 \$1.2M)
- Bond sales (FY16 \$1.0M, FY17 \$1.1M, FY18 \$425k, FY20 \$1.8M, FY21 \$200k, FY23 \$500k)

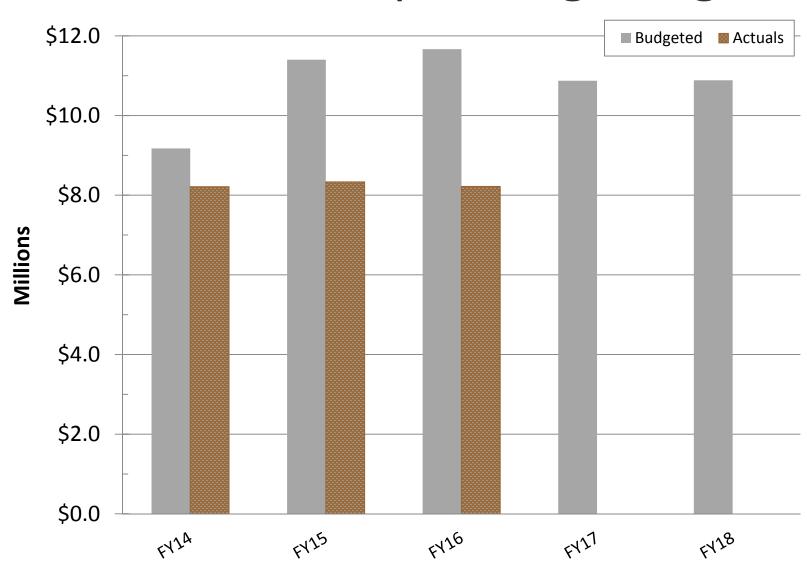
Wastewater Utility

- Rate increase (varied by scenario)
- Sales tax (FY19 through FY23 \$4.5M annually)
- Bond sales (FY17 \$2.3M, FY18 \$19.8M, FY19 \$150k)

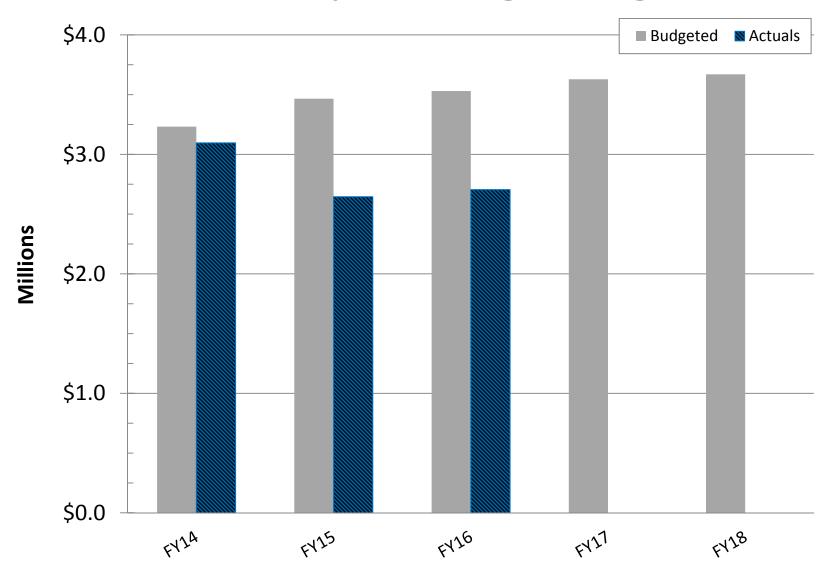
2013 Rate Study – Assembly Approved

- Water Utility
 - Passenger Fees \$1.5M (FY15)
 - Rate Increase 6.5% (annual increase through FY19)
- Wastewater Utility
 - Rate Increase 8.0% (annual increase through FY19)

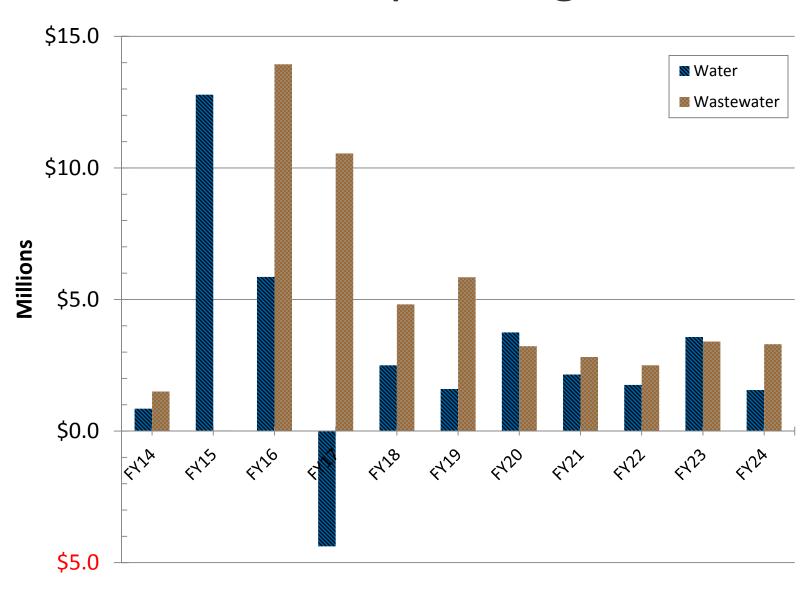
Wastewater Operating Budget



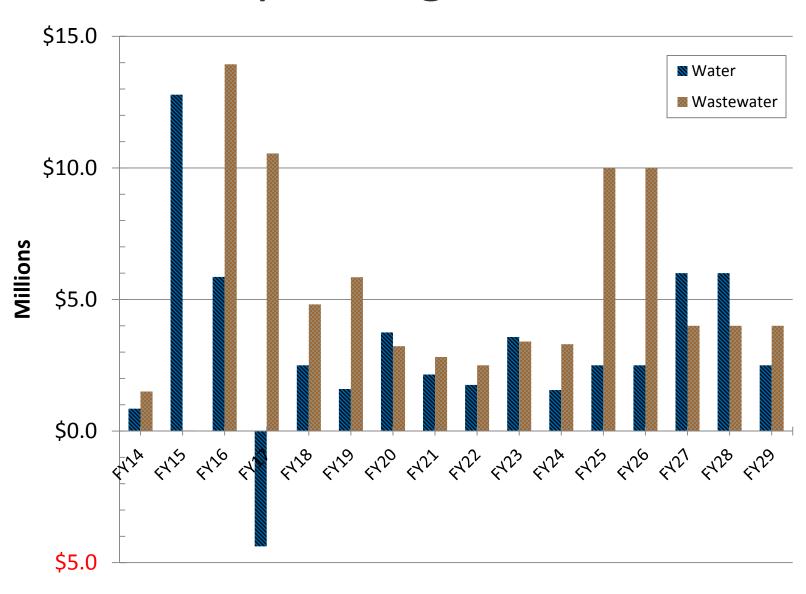
Water Operating Budget



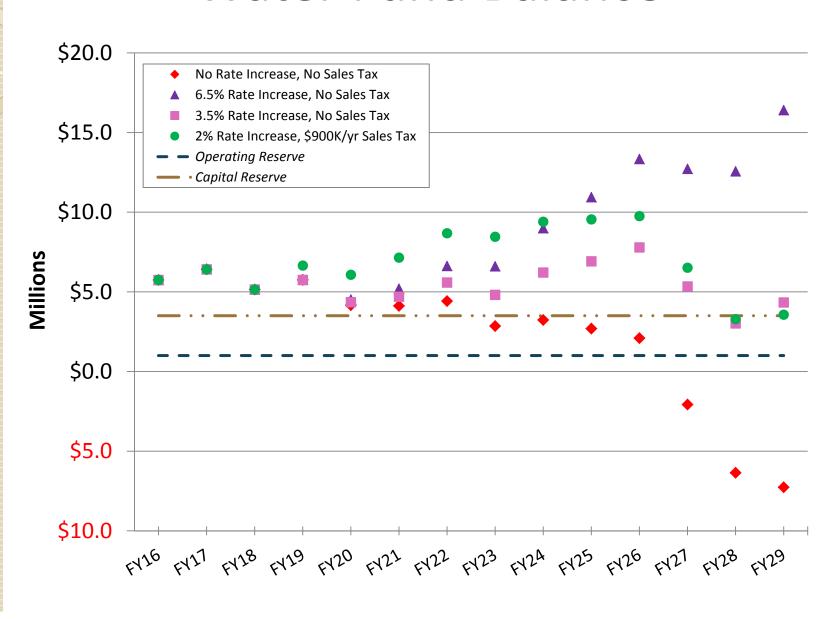
CIPs Spending



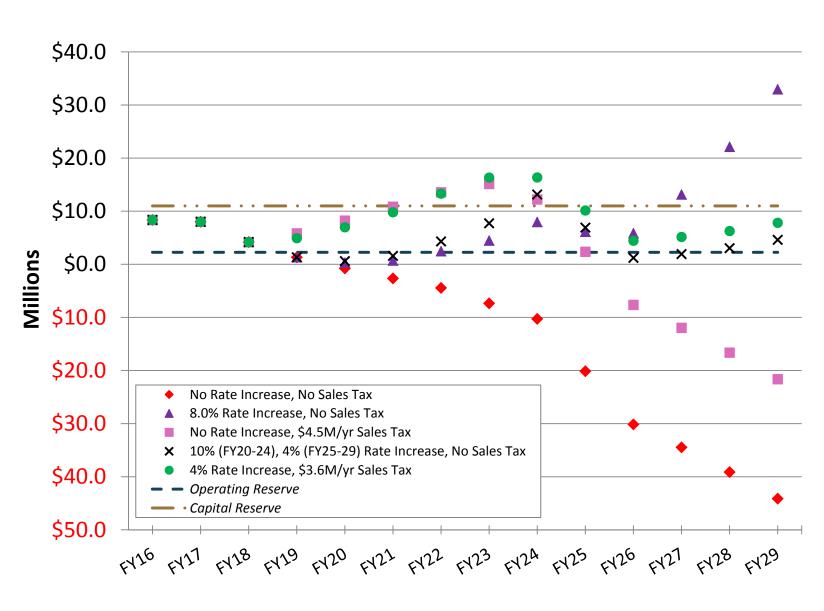
CIPs Spending - Extended



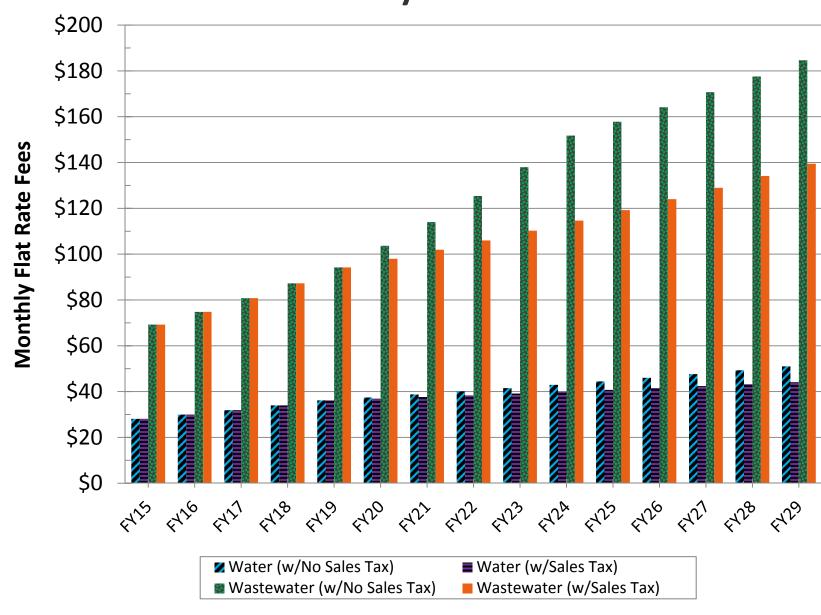
Water Fund Balance



Wastewater Fund Balance



Utility Rates





Questions?



SUMMARY OF FINDINGS





JUNE 2014













SUMMARY OF FINDINGS PAGE I

The CBJ Assembly is considering increasing water and sewer utility rates.

WHAT ARE THE PROPOSED INCREASES?

The proposal would increase rates for both water and wastewater by 9.5% each year for the next three years. The Assembly will be taking action at the June 30th Assembly meeting.

WHY IS A RATE INCREASE BEING CONSIDERED?

The water and wastewater utilities do not have enough money saved to make anticipated repairs. Past Assemblies have opted to keep rates low, rather than to raise rates and build cash reserves. In the past, when repairs or improvements were made, the Assembly paid for them with funds from general funds, grants, or other city-wide sources. With current city-wide budgetary concerns, this practice is not viable in the future, and dedicated replacement funding is being considered.

Water and wastewater infrastructure is anticipated to last 40 years once it has been installed. The entire system has approximately \$275 million in assets. The Public Works and Engineering Directors are recommending that \$74 million, or approximately 25% of the infrastructure, be replaced over the next 10 years (see "Revenue Requirements," below).

WHY ARE THE SPECIFIC SCENARIOS BEING CONSIDERED?

Any funding scenario enacted by this Assembly could be modified by future Assemblies. For instance, if significant grant funding became available to address some maintenance concerns, the Assembly could modify the rate increase to reduce the impact on rate payers.

A 9.5% increase over three years and a revenue bond in 2017 would amass enough cash reserves that, with compounded interest, the funds would address scheduled repairs for those three years.

WHO WILL BE IMPACTED?

Anyone who pays for city water and sewer would see an increase in their utility bills if the Assembly chooses to raise rates.

WHEN WOULD THE INCREASE TAKE PLACE?

The proposed increases are being considered to take place on September 1, 2014; July 1, 2015; and July 1, 2016.

WHAT ASSUMPTIONS WERE MADE?

Staff from the CBJ Public Works and Engineering departments determined that needed infrastructure improvements over the next ten years total \$74 million. CBJ hired a consultant to determine how best to adjust rates to cover the needed improvements. Their model included the following assumptions:

- \$1.2 million in cruise ship passenger fees would be available to help pay for infrastructure improvements
- \$22.5 million in 1% sales tax funds would be available to help pay for infrastructure improvements starting in 2019, which amounts to 50% of the total amount available through the sales tax for the years 2019 through 2024
- Revenue bond debt would be repaid over 20 years at 4.5% interest



Crews install a new 8-inch water main in Eagles Edge Subdivision this spring.

Since CBJ cannot be assured of future grants or agency loans, those possible funds were not included in the modeling.

How DID WE GET HERE?

Past infrastructure improvements had been largely dependent on significant grants. For instance, CBJ received \$22 million in federal grants to build the Mendenhall Wastewater Treatment Plant in the mid-1980s. Grant funding has been reduced for two reasons. One reason is that there are more and more entities competing for the same funding. It is estimated that, nationwide, there are \$3.5 trillion in water and wastewater improvements needed. The second reason is that there is less funding available. Federal funding has seen reductions as a result of increased



Water and sewer lines are usually located under roadways, so repairs and replacement are often done at the same time as road construction so that the road does not have to be torn up and repaved later. Here crews build a new water main under Juneau's Main Street last summer.

pressure to reduce taxes. Alaska's oil revenue continues to decline, and state grant programs compete directly with other state programs.

As noted above, past Assemblies have opted to pay for needed upgrades with city funding, rather than establishing cash reserves for future repairs. By keeping rates low, they helped attract businesses and improve the affordability of living in Juneau.

How do we make sure we don't get here again?

The utilities will need to reduce their dependence on grants and city operating budgets. While these sources worked in the past, future reductions make them less stable as funding sources. Again, if CBJ does get grants or other sources of money for utility improvements, rates can be adjusted at that time.

A SUMMARY OF THE PROCESS SO FAR

Every 10 years, the CBJ conducts a comprehensive rate study to assess water and wastewater system operating and capital needs, and to determine the sufficiency of current rates to meet those needs. The last study was completed in 2003. This study is intended to update the process for the next 10 years.

The goal of this rate study update is to establish a long-term plan for sustained financial performance, allowing the CBJ to continue delivering the highest level of utility services to the community at fair and reasonable rates. Major study elements included a review of:

- Financial policies
- Revenue needs
- Allocation of system costs to customers
- Design of the rate structure
- Public outreach

Financial Policies

Financial policies are a key element in developing utility rate structures. Policies will:

- Establish the solid foundation for budgeting and performance measurement
- Allocate costs into appropriate funds, which will only be used for their intended purpose
- Create reserves for unexpected events
- Create a stable environment in which to develop rates

SUMMARY OF FINDINGS PAGE 3

Financial policies include best management practices that promote financial integrity, improving the sustainability of the utility. They are commonly reviewed by loan and grant agencies to make sure the community has appropriate money management protocols in place. Elements may include:

- **Self-supporting enterprise funds.** When able, utilities ideally are supported by their own revenue generation through rates and fees.
- Operating reserves. These cash reserves are available to cushion the time lag between when billing happens and when bills are paid. Industry standards recommend having reserves totaling 30-45 days of operating and maintenance costs.
- Capital contingency. These reserves would be used to pay for unexpected major repairs. Industry standards recommend an amount equal to 1-2% of the system's fixed assets.
- Infrastructure replacement funding. We know that utility infrastructure will not last forever. In fact, we expect it to last 40 years before needing to be replaced. Ideally, the utility operator will save a little bit each year to cover the eventual replacement of these assets. That has not happened in Juneau, so we have relatively large costs occurring all at once.
- **Debt service coverage.** If we issue a revenue bond, we need to show we can pay it back. If we issue a bond to pay for improvements, we need to be able to make payments, plus bond covenant coverage
- **Debt management.** Credit agencies do not want to see us using debt to fund all of our capital improvement needs. Industry standard is to finance no more than 60% debt to 40% equity.
- Frequency of rate adjustments. Things change. Sometimes extra
 funds become available, while other times extra costs arise. By
 scheduling a review of rates, the Assembly can make sure that we are
 only paying what we need to. On the expense side, it may prove that
 the utilities need additional funds and periodic revenue will allow for
 those adjustments as well.

Revenue Needs

This study assumed the need to replace a quarter of the water and wastewater infrastructure over the next 10 years. Since infrastructure is usually expected to last 40 years once installed, replacing a quarter of the infrastructure over the span of this study is a reasonable assumption. We are anticipating \$74 million in replacement costs over the next 10 years at current year dollars. This is slightly more than 25%. However, if you consider



Lift stations move sewage from areas of lower elevation to higher elevation. The replacement of the Valley Court sewer main and the Gruening Park lift station are estimated to cost \$1.5 million.

that much of this infrastructure was installed over 40 years ago and is already operating beyond its useful life, this slightly aggressive stance is warranted. Besides rates, the study considered grants and other outside sources of revenue, cash reserves, and debt financing. In addition to capital projects, we considered cost escalation, any need for additional staff, foreseen regulatory changes, and other programs or initiatives.

It is important to understand that inflation will impact the future costs of replacement. Something that costs \$75 million in 2014 will cost about \$100 million in 2024, assuming 3% inflation. Needs do not go away if we wait, but the cost of addressing them certainly goes up.

Through planning, we can be better prepared for meeting the costs of our system and cultivating financial stability.

Allocation of System Costs to Customers

Customers can be divided into groups based on how they use the water and wastewater systems. Different groups can be charged different rates, depending on the demand they place on the system. For instance, cruise ships have interruptible service, do not require city fire protection, and are generally charged less than a commercial user who needs sprinklers.

Metering may be the fairest way to make sure users pay for what they use, but it comes with a cost. Metering is expected to cost \$3 to \$5 million for installation, then an additional \$500,000 a year to maintain—all those meters need to be read, maintained, and turned on and off as people move.

Design of Rate Structures

At this point, the CBJ is considering across-the-board rate increases. Each user group can expect a proportional increase to the rate they pay, be that metered or flat. These increases will enable the utility to collect the revenue they need to sustain the system and provide stability for CBJ residents.

Public Process

The decision to increase rates is not one taken lightly. While increased rates provide funding stability for vital infrastructure, they will impact the pocketbooks of everyone who lives in or visits Juneau. The degree of outreach for this process has been extensive, but it is important for the public to understand and comment on the elements that have gone into the rate study process.

Introduction to the Rate Study Process

This meeting provided an introduction to the water and wastewater utilities and to the rate study process.

Date: Where:	Who:
--------------	------

November 7, 2013 Juneau Assembly Chambers Public Meeting

News coverage was provided by the Juneau Empire and KTOO.

Presentation of Revenue Requirement Forecasts

This presentation looked at how much it costs for CBJ to run our water and wastewater utilities, and how much of that is covered by the fees we pay.

Date:	Where:	Who:

December 9, 2013 Juneau Assembly Chambers Assembly Committee of the Whole

December 11, 2013 Juneau Assembly Chambers Public Meeting

News coverage was provided by the Juneau Empire.

Cost of Service and Preliminary Rate Design Findings

Project team members recommended a rate structure that meets the utilities goals. They provided samples of rate impacts on residential and commercial bills.

Date:	Where:	Who:
February 10, 2014	Juneau Assembly Chambers	Assembly Committee of the Whole
February 11, 2014	Mendenhall Valley Library	Public Meeting
February 12, 2014	Juneau Assembly Chambers	Top 50 Users
February 12, 2014	Hangar on the Warf	Public Meeting

News coverage was provided by the Juneau Empire and KTOO.

SUMMARY OF FINDINGS PAGE 5

On May 5, the Public Works Director briefed the Assembly Committee of the Whole on the rate study process. At that time, the body decided to introduce a rate increase on June 9, 2014. They will hear testimony and make a decision on June 30, 2014.

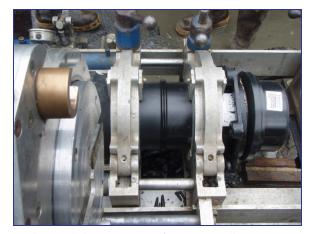
Summary

Juneau's water and wastewater rates are a vital element of creating a thriving community. While increased rates may hurt in the short term, there are some distinct advantages to fully funding water and sewer services:

- Predictable rates create a stable environment for business. While no one likes to see rates increase, a
 predictable rate increase helps people make and plan for business ventures. A stable rate increase is better
 than a dramatic rate increase resultant from crisis.
- Federal grant sources that have traditionally been available to defray the costs of infrastructure repair and replacement have been reduced, and experience more competition than in the past.
- State grant sources and general funds that have traditionally been used to defray infrastructure repair and replacement are reduced due to decreases in oil revenue.
- By repairing the infrastructure we are currently using, we reduce future costs and provide a stable community for future generations.
- Clean water is vital to our role as an international port. We welcome visitors from around the world—including places with water-borne diseases.



Crews install the sanitary sewer system along Main Street last summer. The large concrete structures will house the man holes that provide maintenance crews access for maintenance and repairs.



CBJ has used plastic HDPE pipe for water installations in some neighborhoods. In this photo the ends of the HDPE pipe are fused together. HDPE tends to cost less than ductile iron, and is resistant to corrosion.

Need more information about city budget concerns or about information that went into these decisions? Visit the website:

www.JuneauRateStudy.com

Special thanks to KTOO and the Juneau Empire for making their articles and stories available for reposting on the project website.













MEMORANDUM

TO: Roger Healy, P.E.

Engineering & Public Works Director

FROM: Greg Smith Date: May 17, 2017

Contract Administrator

SUBJECT: Contracts Division Activity

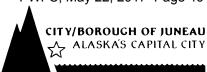
April 27 to May 17, 2017

Current Bids - Construction Projects >\$50,000

BE17-266	Project Playground Cleanup	Estimate \$150,000. Bids due 6/1/17.
BE17-246	Mendenhall River Community School	Estimate \$94,400. 4 bids received. Meridian
	Control Upgrades	Systems, Inc., apparent low bidder, \$100,777. Award
		in progress.
B16-010	Dunn Street Paving	Estimate \$400,000. 6 bids received. Under protest.
		Protest overturned results of Bid. Protest received
		after new posting. Intent to request Bidding Review
		Board review has been filed. BRB recommendation
		issued 5/4/17. Manager decision issued 5/15/17.
		Arete Construction low bidder, \$335,954.
BE17-260	Centennial Hall Floor Renovation	Estimate \$150,000. Bids due June 13, 2017.
RFB E17-	Juneau Douglas Treatment Plant	Estimate \$100,000. Bids due May 18, 2017.
250	Incinerator Removal & Disposal	
BE 17-086	Silver Street Paving	Estimate \$615,000. 6 bids received. Pacific Coast
		Paving Apparent Low, \$447, 655.50, Total Bid. Award
		in progress.
BE17-165	Aspen Ave. Pavement & Drainage Imp.	Estimate \$1,570,000. 5 Bids received. SECON
		\$1,430,300. NTP issued 5/8/17
BE17-245	Stabler Point Rock Quarry Expansion	Estimate \$270,000. Bids due 6/2/17.
BE17-223	JNU Air Cargo Hardstand	Estimate \$540,250. 4 Bids received. SECON low
		bidder, \$470,890. NTP issued 4/27/17.
BE17-253	Juneau-Douglas High School Bleacher	Estimate \$350,000. Bids due 5/30/17.
	Replacement	
DH17-045	Port of Juneau Cruise Ship Berths	Estimate \$455,000. Bids due 6/6/17.
	Safety Improvements	
BE17-231	Juneau Police Department Flooring	Estimate 75,000. Bids due 6/13/17.
	Replacement	
BE17-206	West Eighth Street Reconstruction	Estimate \$508,000. Bids due 6/13/17.

Current RFP's - Services

	CA & Inspection Services for Blueberry	Proposals due 4/6/17. 3 proposals received. Wilson
239	Hills Reconstruction	Engineering successful proposer. Negotiations
		underway.
RFP E17- 243	Term Contract for Sportsfields Surface Maintenance	Proposals due 4/14/17. 2 proposals received. Admiralty Construction and ENCO Alaska are both qualified to do work. Both firms under Contract as of 5/4/17.
RFP E17- 269	Design, Construction Administration and Inspection Services for Juneau International Airport Float Pond Improvements	Proposals due 6/7/17.



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RFP E17-	Design and Construction Administration	Proposals due 5/2/17. Under evaluation.		
235	and Inspection Services for the CBJ-			
	Public Works Demuck and Vehicle			
	Wash Addition			

Other Projec	Other Projects – Professional Services – Contracts, Amendments & MR's >\$20,000			
MRE17-166	CA & Insp. for Dunn Street Paving	Responses due 2/23/17. 3 responses received.		
(Engineering)		PDC Engineers, successful proposer. Negotiations		
		in progress.		
MR E17-166	CA & Inspection for 2017 Area Wide	1 response received. Wilson Engineering selected.		
(W)	Paving	Negotiations underway.		
MR E17-166	Design Glacier Fire Station Automatic	Responses due 3/14/17. Electric Power Systems,		
(EPS)	Transfer Switch Replacement	successful proposer. NTP issued 5/10/17.		
MR E17-166	Riverside Rotary Park Master Plan and	Responses due 3/13/17. 2 responses received.		
(CD)	Playground Design	Corvus Design successful consultant. NTP issued 4/27/17.		
MR E17-166	Glacier Avenue & Stikine Street CA and	Responses due 4/4/17. 3 responses received. PDC		
(PDC)	Inspection Services	Inc., Engineers successful proposer. Negotiations in		
(1 20)	mopeoner corridos	progress.		
RFP E17-	Planning, Design, and Construction	Jensen Yorba Lott, Inc., \$52,993. NTP issued		
225	Administration Services for JNU Gate 2	5/17/17.		
	Passenger Boarding Bridge			
MR E17-166	Inspection Services for Glacier Highway	Responses due 4/7/17. 4 responses received.		
(HNS)	Waterline and Sanitary Sewer	proHNS successful proposer. Negotiations		
	Installation	underway.		
MR E17-166	Special Inspection Services for JNU Air	Responses due 5/1/17. 2 responses received.		
(W)	Cargo Hardstand	Wilson Engineering successful proposer.		
		Negotiations in progress.		
MR17-166	A1 to PA 1 – Contract Administration	PND Engineers. \$32,040. Processing 5/11/17.		
(PND-Civil)	and Inspection Services for East Street			
DED E44	Reconstruction	DOM: #00.070 D : 5/44/47		
RFP E14-	A4 – Design Services for Valley Court	DOWL. \$29,870. Processing 5/11/17.		
129	Force Main and Gruening Park Lift			
	Station			

Term Contract – CBJ Materials Sources Construction Services (between \$20,000-\$50,000)

Term Contracts - Painting (between \$20,000-\$50,000)

R	FP E17-	JPD Exterior Cleaning Project	Herr Painting, Inc., \$29,500. NTP issued 5/3/17.
1	71(HP)		
R	FP E17-	Calhoun Avenue Retaining Wall	Herr Painting, Inc., \$24,300. NTP issued 5/17/17.
1	71(HP)	Cleaning and Painting	

Term Contracts - Construction Work (between \$20,000-\$50,000)

Term Contracts – Electrical Work	(between \$20)	,000-\$50,000)

Construction Change Orders (>\$20,000)

MR E17-166 – Term Contract for Professional Services. This solicitation is open for the next three years. Consultants continue to submit proposals. Contracts are in progress and underway.

LID 200 – Mendenhall River Erosion Protection. Neighborhood meeting scheduled for May 4, 2017. Official ballots and letter mailed 4/24/17. Ballots must be returned by 5/15/17. A Public Hearing is proposed for the July 31, 2017, Regular Assembly Meeting.

Key for Abbreviations and Acronyms

Α	Amendment to	PA o	or Professional	Services Contract
<i>,</i> .	/ IIIIOIIIIIIIII LO	. , , ,	or i roroccionar	COLVICOS COLLIGADI

CA Contract Administration

CO Change Order to construction contract or RFQ

MR Modification Request – for exceptions to competitive procurement procedures

NTE Not-to-exceed

NTP Notice to Proceed

PA Project Agreement - to either term contracts or utility agreements

RFP Request for Proposals, solicitation for professional services

RFQ Request for Quotes (for construction projects <\$50,000)

RSA Reimbursable Services Agreement

SA Supplemental Agreement