



UTILITY ADVISORY COMMITTEE
REGULAR MEETING
WEDNESDAY, OCTOBER 24, 2018
5:00 PM – 7:00 PM
CITY HALL
COUNCIL CONFERENCE ROOM
280 MADISON AVENUE NORTH
BAINBRIDGE ISLAND, WA 98110

AGENDA

1. CALL TO ORDER / ROLL CALL / ACCEPT OR MODIFY AGENDA /
CONFLICT OF INTEREST DISCLOSURE
5:00 PM

CO-CHAIR: ANDY MARON

CO-CHAIR: JEFF KANTER

MEMBERS: CHARLES AVERILL NANCY NOLAN
 STEVE JOHNSON EMILY SATO
 TED JONES

LIAISON: RASHAM NASSAR

2. ACCEPTANCE OF MEETING NOTES – OCTOBER 3 AND 10, 2018 – 5 MIN.
3. PUBLIC COMMENT – 5 MIN.
4. CITY UTILITIES TOUR FOLLOW-UP (ALL) – 10 MIN.
5. PROPOSED CODE CHANGE TO ALLOW GREEN INFRASTRUCTURE FOR
BUILDINGS IN WATER/SEWER SERVICE AREAS (BARRY LOVELESS) – 15 MIN.
6. SYSTEM PARTICIPATION FEES RATE STUDY - (BARRY LOVELESS) – 85 MIN.
7. COMMENTS FOR THE GOOD OF THE ORDER
8. ADJOURNMENT
7:00 PM

Minutes

Committee Members present: Andy Maron, Jeff Kanter, co-chairs.
Ted Jones, Nancy Nolan, Charlie Averill, Steve Johnson. Absent: Emily Sato

Council Liaison: Rasham Nassar

Also present: Barry Loveless, COBI Director of Public Works; Chris Gonzales of FCS Group; Robert Dashiell.

Called to order at 5:00 p.m. by Jeff Kanter, co-chair.

Minutes: Sept. 12 meeting were approved.

Public Comment: Robert Dashiell commented on two items on the draft CIP. At two locations, the CIP includes proposed drainage work that, he suggested, may not be necessary, or might be done at lower cost. One location is in connection with a bike lane at Head of the Bay, which he indicated is not related to any blockage to the stream. The other location is at Blakely Creek, where other obstructions limit fish access.

Water & Sewer Rate Structure: Chris Gonzales continued the presentation of Water & Sewer Rate Study information, providing more information about the Cost of Service for the sewer utility. In general, the figures indicated that residential users are paying more than their appropriate share of costs, while non-residential users are paying less. There was discussion of phasing in rate changes, with a three-year adjustment period to be considered. There also was interest in seeing the combined impact of water and sewer rates on customers.

Memo regarding Water and Sewer Rate Study: Discussion of the draft memo to Council with recommendations regarding the water and sewer rate study. Consensus was to emphasize the recommendation to update System Participation Fees promptly, as the analysis has been completed and the fees have been too low for many years. This can be done while review of the water and sewer rates is still in progress. Chris will prepare a finished version of the SPF recommendation for the UAC's review Oct. 10, while Andy and Jeff will work on revision of the memo, also for Oct. 10 review.

Capital Improvements Plan: CIP will be going before the City Council soon. It will be scheduled as an agenda item for the Oct. 10 UAC meeting, to allow the UAC to determine if it has recommendations for the Council.

Tour of City Facilities: Discussion of when to schedule a tour of city public works facilities, for the benefit of UAC members and City Council members who are not familiar with the facilities. Two tours tentatively scheduled for Saturday, Oct. 20, and Thursday, Nov. 1. The Thursday tour would begin in mid-afternoon to accommodate participants' work schedules.

Adjournment: 6:50 p.m.

The next UAC meeting is October 10th.

Andrew Maron and Jeff Kanter, Co-Chairs



UTILITY ADVISORY COMMITTEE
REGULAR MEETING
WEDNESDAY, OCTOBER 10, 2018
CITY HALL
BAINBRIDGE ISLAND, WA 98110

Minutes

The meeting was called to order by Co-Chair Andy Maron at 5 p.m.

Committee members present: Charles Averill, Steve Johnson, Ted Jones, Jeff Kanter, Andy Maron, Nancy Nolan, and Emily Sato.

Also present: Public Works Director Barry Loveless, and Council Liaison Rasham Nassar, Chris Gonzalez FCS Group by teleconference

No public comment.

Tour of City Utilities: The tour will be on Saturday October 20 from 9 am to noon. All of the City Council members (minus Sarah Blossom) are going. UAC members Emily Sato and Steve Johnson may attend as well. Charlie and Ted will not be in town on the 20th. Andy will check in with City Council about a possible 2nd date.

Rate Study, SPFs (System Participation Fees): Chris Gonzalez by teleconference call summarized his water and sewer SPF update report dated October 2018.

The committee discussed the exclusion of donations and grants from the calculation of the City costs for the utilities, and that CIP projects for the next six years are included in the calculations for SPFs. A State statute applicable to water/sewer district allows for up to 10 years. CoBI does not currently have a 10-year CIP. It was concluded that it is inconsistent with current industry standards to not deduct for donated assets.

The committee asked that an * be added to page 8 exhibit 6 of the report that notes that South Island Sewer customers are paying approximately \$10,000 to KPUD for collection fees.

Commercial accounts are defined as everything that isn't single family or multifamily. There was discussion about how actual fire protection requirements affect the numbers and a request that other city comparables be included as part of the presentation of the report. The committee and the consultant agreed that any changes during the council's consideration of the CIP will affect the final recommended numbers for water and sewer rates. A request was made that a "simplistic table" showing cost v. denominator be included on page 2 under Methodology.

CIP Discussion: Water and sewer system plans were done by the city in 2015 and 2016, and the proposed CIP is derived from those plans. More in depth design development and engineering studies were then done on some projects. Sewer projects on New Brooklyn have been started, the projects in Lower Lovell and Sunday Cove have not been started, but have been presented at length to the UAC earlier in the year by Gray and Osborn. There have been sewer spills down there. Public Works has an annual \$30,000 to \$40,000 program that jets out and does maintenance on the lines. The committee asked whether the projects could be postponed until the treatment plant bond issue has been paid off and Barry advised that postponing is risky due to a possibility of failure and the desire to reduce the maintenance costs. The committee moved to advise City Council that the UAC has reviewed the Public Works Department's pending CIPs for water and sewer, and have no objections as presented.

SPF Memorandum: Andy and Jeff will draft the recommended revisions for the next meeting. Chris will prepare a new SPF report. Public Works will review next steps with FCS Group.

Meeting adjourned at 7:00 p.m.

Andrew Maron and Jeff Kanter, Co-Chairs

From: [Molly Freed](#)
To: [Barry Loveless](#)
Cc: [Leslie Schneider](#); [Ron Peltier](#); [Kol Medina](#); [Alicia Daniels Uhlig](#); [Kathleen Smith](#); [brucea@cutler-anderson.com](#); [mfburns@bnfish.com](#); [Morgan Smith](#)
Subject: Re: Sewer Connection Code Update Proposal
Date: Friday, October 19, 2018 2:00:00 PM

Hi Barry,

Thanks for the update!

Our main issue with the WAC greywater code is that there should be an avenue for the greywater to be both reused and disposed of using the same infrastructure, i.e. a way for the irrigation to serve as both an end use and a disposal method for the water. There are many other places that have codes citing drip irrigation as a method of dispersal, and that don't require redundant treatment.

I'm happy to set up a call with you and the Health District to clarify! But otherwise yes, you summed up the benefit accurately.

Best,
Molly

Molly Freed
Policy Coordinator
International Living Future Institute
55 Broad St, New York, NY 10005
t: 206.223.2028x03 | www.living-future.org

On Wed, Oct 10, 2018 at 6:47 PM Barry Loveless <bloveless@bainbridgewa.gov> wrote:

Molly, I had a conversation with the Health District and they pointed out some concerns with the proposed wording. They specifically mentioned WAC 246-274 with the below citation:

“The use of a greywater irrigation system does not serve as an alternative to the use of an approved on-site sewage system or connection to an approved public sewer for greywater disposal at any building, including buildings using

waterless toilets.”

I am not clear what your proposed disposal method is for treated blackwater - I assume a drain field - but their point was that under the WAC even a greywater system has to have a drain field or sewer connection to dispose of the water in the rainy season. So the drain field has to be sized for both flows. I understand that the NSF standards you are proposing are intended to meet WWTP effluent standards, so a higher level of treatment than regular septic systems. This would be one of the primary benefits, I assume, for the City not to require a sewer connection as currently required by code. Any other benefits you think should be pointed out when I discuss with the UAC?

Thanks,

COBI email



Barry Loveless, P.E.

Public Works Director

206-842-2016 (Office)

www.bainbridgewa.gov

From: Barry Loveless

Sent: Friday, October 5, 2018 8:19 AM

To: 'Molly Freed' <molly.freed@living-future.org>; Doug Schulze
<dschulze@bainbridgewa.gov>

Cc: Leslie Schneider <L.Schneider@bainbridgewa.gov>; Ron Peltier
<rpeltier@bainbridgewa.gov>; Kol Medina <kmedina@bainbridgewa.gov>; Alicia Daniels
Uhlig <alicia.uhlig@living-future.org>; Kathleen Smith <kathleen.smith@living-future.org>; brucea@cutler-anderson.com; mfburns@bnfish.com

Subject: RE: Sewer Connection Code Update Proposal

Molly, The normal process would be to present this utility policy change to the Utilities Advisory Committee (UAC) for review and recommendation prior to presenting it to City Council. The UAC has been very busy over the past few meetings with deliberations on water/sewer rates. I plan to try and get this policy change on their October 24 agenda. Please let me know how this fits in with your timeline.

Thanks,

COBI email



Barry Loveless, P.E.

Public Works Director

206-842-2016 (Office)

www.bainbridgewa.gov

From: Molly Freed <molly.freed@living-future.org>
Sent: Wednesday, October 3, 2018 2:13 PM
To: Doug Schulze <dschulze@bainbridgewa.gov>; Barry Loveless <bloveless@bainbridgewa.gov>
Cc: Leslie Schneider <LSchneider@bainbridgewa.gov>; Ron Peltier <rpeltier@bainbridgewa.gov>; Kol Medina <kmedina@bainbridgewa.gov>; Alicia Daniels Uhlig <alicia.uhlig@living-future.org>; Kathleen Smith <kathleen.smith@living-future.org>; brucea@cutler-anderson.com; mfburns@bnfish.com
Subject: Re: Sewer Connection Code Update Proposal

Hi Barry,

We're just checking in on this - we understand that Doug has left his post at the City. Can you provide us with an update, or let us know if we can help move it along in any way? Thanks!

Best,

Molly

Molly Freed
Policy Coordinator
International Living Future Institute
55 Broad St, New York, NY 10005

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On Wed, Aug 15, 2018 at 2:15 PM Molly Freed <molly.freed@living-future.org> wrote:

Thank you Doug! Please do keep us updated.

Best,

Molly

Molly Freed

Policy Coordinator

International Living Future Institute

1501 East Madison Street, Suite 150, Seattle 98122

t: 206.223.2028x03 | www.living-future.org

On Tue, Aug 14, 2018 at 5:22 PM Doug Schulze <dschulze@bainbridgewa.gov> wrote:

I will share the suggested code changes with Barry Loveless and ask that he take the lead on moving this through the appropriate process. Thank you for your work putting this together – it will certainly be helpful.

DOUG SCHULZE, ICMA-CM

City Manager

From: Molly Freed <molly.freed@living-future.org>

Sent: Monday, August 13, 2018 2:56 PM

To: Leslie Schneider <LSchneider@bainbridgewa.gov>; Ron Peltier <rpeltier@bainbridgewa.gov>; Kol Medina <kmedina@bainbridgewa.gov>; Doug Schulze <dschulze@bainbridgewa.gov>

Cc: Alicia Daniels Uhlig <alicia.uhlig@living-future.org>; Kathleen Smith <kathleen.smith@living-future.org>; brucea@cutler-anderson.com; mfburns@bnfish.com

Subject: Sewer Connection Code Update Proposal

Hello all,

I'm writing with a much belated update on the code changes we proposed at our last meeting. We at ILFI ended up embarking on a thorough engagement with local non-profits and subject matter experts to develop the attached (brief) change to the current code requiring sewer connection. All changes are clearly labelled using Word's "Track Changes" function. As a reminder, this proposal is intended to allow a sewer connection exemption for natural systems (such as constructed wetlands), which treat water to a higher standard than septic systems. What is the process for introducing this change? I imagine that we will be working with Barry Loveless in some capacity?

We are still developing the proposal for drilling a well based on feedback from the Department of Ecology and local advisors. If you have any questions, please do let me know!

Best,
Molly

Molly Freed

Policy Coordinator

International Living Future Institute

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<https://productexpo.living-future.org>