Agenda

ENVIRONMENTAL SERVICES COMMISSION MEETING

450 - 110th Avenue NE (City Hall)
Conference Room 1E-113
Thursday 6:30PM
March 20, 2014
Regular Meeting

		Ppt.	Time	Page No.	Action
1.	Call to Order – Brad Helland, Chair				
2.	Oral Communications Note: Three-minute limit per person, maximum of three persons for each side of topic. Additional comments may be heard at Agenda Item 9.				
3.	Approval of Agenda *			1	X
4.	Approval of Minutes *				
	• February 20, 2013 Regular Meeting Minutes			2 - 12	X
5.	Reports & Summaries				
	• Conservation & Outreach Events & Volunteer Opportunity #				
	• ESC Calendar/Council Calendar *			13 - 16	
	• Waste Water System Plan Update * *Doug Lane, P.E. Water & Sewer Systems Senior Engineer*	No	10	17 – 20	X
	• Utility CIP Update 2015-2021* *Pam Maloney, P.E. Water Resources Planning Manager*	No	60	21	
	• 2015-1016 Budget One Process Overview * *Lucy Liu, Assistant Director* *Resource Management and Customer Service*	Yes	30	22 - 23	
6.	New Business				
7.	Commissions Report Out				
8.	Director's Office Report				
9.	Continued Oral Communications				
10.	Adjournment				

* Materials included in packet
\# Materials separate from packet

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CITY OF BELLEVUE
ENVIRONMENTAL SERVICES COMMISSION
MEETING MINUTES

Thursday
February 20, 2014
6:30 p.m.

Conference Room 1E-113
Bellevue City Hall
Bellevue, Washington

COMMISSIONERS PRESENT: Chair Helland, Vice Chair Swenson; Commissioners Cowan, Mach, Morin, Wang

COMMISSIONERS ABSENT: Howe

OTHERS PRESENT: Asst. Director Paul Bucich, NPDES Coordinator Phyllis Varner, Stream Team Program Administrator Laurie Devereaux, Utility Water Resources Planning Manager Pam Maloney, Design Services Manager Regan Sidie, Construction Services Manager Scott Taylor, Sr. Engineering Technician Dave Perry

MINUTES TAKER: Laurie Hugdahl

1. CALL TO ORDER:

The meeting was called to order by Chair Helland at 6:30 p.m.

2. ORAL COMMUNICATIONS

None

3. APPROVAL OF AGENDA

Motion made by Commissioner Morin, seconded by Commissioner Mach, to approve the agenda.

Commissioner Wang commented that item 5(3) on the agenda should indicate that action will be taken regarding the NPDES (National Pollutant Discharge Elimination System) item. He also noted that agenda item 2 should refer to item 9, not item 8.

Motion passed unanimously to approve the agenda as amended (6-0).

4. APPROVAL OF MINUTES

January 16, 2014 Regular Meeting Minutes

Commissioner Wang requested that all acronyms be spelled out, specifically B-IBI (Benthic Index of Biotic Integrity) on page 9 and DSD (Development Services Department) on page 13.

The minutes as amended were passed unanimously (6-0).

5. REPORTS AND SUMMARIES

- Conservation & Outreach Events & Volunteer Opportunity

  There were no comments or questions regarding this item.

- ESC (Environmental Services Commission) Calendar/Council Calendar

  Mr. Bucich explained that because of the timing of some items, staff will be requesting a second meeting in April later tonight. He also pointed out that there are a lot of Consent items on the Council Calendar due to the time of year with renewal of contracts and putting out new projects for bids. Chair Helland asked about the about the Local Hazardous Waste Management Program Grant on the Council Calendar. Laurie Devereaux commented that this was just an update on a grant that Utilities has used for outreach.

- Discussion & Recommendation – 2014 NPDES (National Pollutant Discharge Elimination System) Stormwater Mgmt. Program Plan – Phyllis Varner, NPDES Coordinator

  Phyllis Varner stated she was present to ask the Commission to make a recommendation to City Council on submittal of the NPDES 2014 Stormwater Management Plan to the Washington State Department of Ecology. As presented at the January 16 ESC meeting, in 2014 The City plans to continue implementation of the first permit's ongoing program requirements and begin the phased implementation of new permit requirements such as the Low Impact Development principles project. A memorandum containing the Commission's recommendation upon submittal of the NPDES Program Plan to Ecology, as well as public comment received on the Plan, will be attached to a management brief to City Council on March 3. Ms. Varner distributed a draft of the Commission's Memorandum to Council. She stated that City Council will be asked to take action on March 17 and authorize the City Manager to sign the NPDES Annual Report and submit it to Ecology by the March 31 deadline.

  Chair Helland asked if the comment would be attached to this. Ms. Varner said that the comment is included and was simply that the unidentified person supports low impact development.

Motion made by Commissioner Wang, seconded by Commissioner Morin, to recommend that the Council approve the NPDES 2014 Stormwater Management Program Plan with the draft Memorandum as presented. Motion passed unanimously (6-0).

- Stream Team Update – Laurie Devereaux, Program Administrator

Laurie Devereaux stated that there are no major changes this year. She reviewed some of the highlights from last year and some things she is looking forward to in the upcoming year. The same basic elements of the program still exist. There is a restoration project every year for Earth Day. There are also several monitoring projects: Salmon Watchers in the fall, Peamouth Patrol in the spring, and special volunteers help to collect some fish and bugs in the summer. The estimated generic value of volunteer time this year is over $10,000.

Salmon Watchers is the biggest monitoring project with the most volunteer hours. Volunteers went out on their own over 800 times to the streams to make observations this year. Midway through the season, the Muckleshoot Tribe offered the City some surplus Coho from the hatchery. The City was pleased to accept over 1800 live, adult spawners and planted them in three different locations.

Chair Helland asked when staff would know how successful this is. Ms. Devereaux said staff hopes there continues to be a surplus so the City can plant more fish for a few years. She thought the soonest anyone would know if there is a return from this planting is four to five years.

Commissioner Wang asked about the culvert at Coal Creek Parkway and asked if these salmon would benefit from that. Ms. Devereaux replied that their offspring would appreciate it. Commissioner Wang commented that this could be a good viewing area in the fall. Ms. Devereaux concurred.

Commissioner Morin referred to concerns some people have related to farm-raised fish, and asked if hatchery fish are considered farm-raised. Ms. Devereaux stated that they are not and reviewed the difference. She acknowledged that there are controversies and issues with hatchery salmon, but Bellevue does not currently have a native run of Coho. Most of the ones seen are strays from the hatchery. There is hope that these salmon would bring the Coho back to the area.

Chair Helland asked about the monitoring program for the Coho. Ms. Devereaux explained that there would be spawning surveys in the fall, and salmon watchers will be watching upstream and downstream of those professional surveys and on days when the surveyors aren't there.

Ms. Devereaux continued to discuss the value of volunteers in terms of data collection, leverage of resources, number of citizen contacts, impact on family and friends, property owner relationships, and NPDES requirements. Chair Helland asked if the City publishes the volunteer data. Ms. Devereaux said it is posted online. Additionally, the macro invertebrate data goes onto a Puget Sound Benthos website. Mr. Bucich added that the City collaborates on a regional basis for a lot of the volunteer outreach activities.

Commissioner Wang commented that one of the stream photos with volunteers showed very little water. Ms. Devereaux commented that the photo was from the end of summer when the volunteers were looking for macro invertebrates. There was discussion about the reason staff looks for numbers of macroinvertebrates. Macroinvertebrates are an indicator of human impact. The City gets a score on each of the sites where collection is done based on the animals that are present. At the end of the summer, staff chooses a handful of sites to make these collections. There is data going back to 1998 for some of Bellevue's streams. Commissioner Cowan asked what the scores since 1998 are indicating. Ms. Devereaux said that the scores haven't had a dramatic change, but there is definitely a lot of human impact, especially the Kelsey Creek system which was the first developed.

Mr. Bucich commented that one of the biggest challenges with the B-IBI (Benthic Index of Biotic Integrity) score is that it tells you that something is impacting your stream, but it doesn't tell you what the impact is. He noted that if one did a comparison between Bellevue's B-IBI scores and Redmond's and other developed area's B-IBI scores, you would see that Bellevue is right up there with the rest of them. Human interactions with the landscape and development activities are directly impacting the health of our aquatic ecosystem. Commissioner Cowan asked what the overall rating for Bellevue's streams is. Ms. Devereaux replied that it is poor to fair, but mostly poor.

Chair Helland said he recalled seeing a graphic some time ago showing the scores of the various streams. He asked if staff could provide that again. Ms. Devereaux replied that the next score will be coming out soon so there should be a new set of data for last summer coming out soon. Mr. Bucich said that Kit Paulsen could come and review that.

Chair Helland asked how stream conditions could be improved in an urban environment. Ms. Devereaux commented that she didn't have the information available for this meeting, but it was a mix of factors such as restoration, water quality, Low Impact Development, as well as many others. Mr. Bucich commented that a lot of what Stormwater/Utilities tries to do is in an attempt to get to that answer.

Ms. Devereaux continued to explain that some of the volunteers receive a lot of extra training. For example, salmon watchers attend a two-hour workshop. Volunteers that help with electrofishing learn a lot more about the streams and carefully handling the fish in order to have the least impact on the animals. She noted that if you actually calculated the time at a higher rate that the City would hire a higher trained consultant or staff, the value of volunteer time is dramatically higher than the $10,000 which was originally stated.

Ms. Devereaux commented that another new volunteer program started last spring was checking vehicles for leaks. This was a regional program through Puget Sound Starts Here called "Don't Drip and Drive." The goal is to raise awareness about vehicle leaks. Staff found that when people know their vehicles leak, a lot of them will fix the leaks. She remarked that in the region, the leakiest place tested was at Western Washington University so Bellevue College will be tested soon.

Ms. Devereaux explained that the purpose of public outreach and education is to raise awareness, but also to change behaviors. Some ways this is done is though talks at elementary and high school classes, science fairs and with parks master naturalists and botanical garden docents. Through these programs staff reached 2751 residents in 82 events and classes. Additionally there is regular outreach that happens throughout the year such as Dog Poop mailers and handouts.

Ms. Devereaux explained that the Kelsey Creek Viewing Area was greatly improved through the last year. Interpretive signs are posted along the railings at the viewing area. Additionally, a high school student doing his senior project this year is going to try to do a geocache in that area. This will bring an entire new audience down to Kelsey Creek.

Coming up in 2014 the Peamouth will show up sometime at the end of April or early May. There are two KCD (King Conservation District) grants still for residential outreach. Ms. Devereaux will be working on a new display for public events as well as well as two more signs for the trestle. In April the leak check will be done at Bellevue College.

Questions:

Commissioner Swenson asked about having Ms. Devereaux speak at one of the meetings in the community where he lives. Ms. Devereaux replied she would be happy to do that.

- CIP (Capital Investment Program) 2013 Accomplishments – Regan Sidie, Design Services Manager & Scott Taylor, Construction Services Manager

Mr. Taylor and Mr. Sidie gave a PowerPoint presentation highlighting accomplishments of the 2013 Utilities Capital Investment Program projects including the following:

- Kelsey Creek Fish Passage/Stream Restoration – This involved Kelsey Creek channel and habitat improvements in the lower reach. Some improvements were also done to improve fish passage. Revegetation took place in the fall. Plant survival will be monitored as part of the permit conditions.

- Sunset Creek/Richards Creek Flood Control (Phase 2) – The channel cross-section was increased. Large woody debris and spawning mix were added. Grade control structures and a flood control berm were constructed.

- Coal Creek Parkway Culvert Replacement – 40% of the culvert was completed last summer, but the project is still underway. The soldier piles were installed about 35 feet deep in the soil. Mr. Taylor reviewed how this was accomplished. The west half of the culvert is constructed. The east half, a pedestrian undercrossing, and some stairs still needs to be finished.

  Commissioner Wang asked what measures the City is taking to keep the channel flowing for the fish. Mr. Sidie explained that there is a low flow channel so that during lower flows it will stay confined and won't spread out too wide. As flows increase and levels rise, the full width of the channel is available. Mr. Bucich added that this will behave more like a natural channel, and fish will be able to work their way through. This will be a much better fish passage situation.

- Flush Station No. 5 Rehabilitation – The flush station is used on the lake lines to bring lake water into the flat sanitary sewer that runs along the lakeshore to flush the solids out of the system. The existing flush station was disassembled, and conduits were installed using horizontal drilling which avoided disturbing landscaping. A new full-size hatch was added to the station so crews can have the hatch completely open to replace open to either replace equipment or to not work in a confined space.

  Chair Helland asked what the intake structure looks like. Mr. Taylor explained that it is an 8-inch ductile iron pipe that runs out into the lake. Chair Helland asked about the flow capacity. Mr. Sidie said it could go a couple hundred gallons per minute, and is limited by the hydraulic capacity of the line. Mr. Taylor commented that there is an overflow so it can't be pressurized any higher.

- Sanitary Sewer Repairs 2012, Phase 1 – This program is done annually in order to identify deficiencies in the sanitary sewer system and make individual repairs before having to do a complete replacement or rehab. In 2013 26 repairs were done. Typical repairs included crushed or broken pipes.

- Utility Relocations SR 520 Expansion Project – Some sanitary sewer was replaced. New water mains were installed across the new overpasses. Storm work was also done around the new ramps at Bellevue Way and NE 8th. Stormwater vaults were installed to help remove pollutants from storm water runoff.

- AC Water Main Replacement 2013, Phase 1 – This is an ongoing program to replace small diameter mains. The City is replacing about 3.4 miles per year. By 2018 it will be up to 5 miles per year for a very long time in order to renew the infrastructure.

- Newport Water Pump Station Rehabilitation – Some old equipment was replaced with new vertical turbine pumps as part of the new pump assembly that went in with motors and control valves. Motor controls, telemetry, and onsite backup power were also added.

Commissioner Wang noted that the memo lists Asphalt and Pavement Restoration. He asked if Utilities actually does pavement. Mr. Taylor explained that sometimes Utilities has to pave because of work done on a water or sewer line. If the pavement was in good condition, it must be restored with a overlay. Staff tries to package that work with the Transportation Department's overlay because of the benefits of economy of scale, but there are smaller patches that Transportation won't do.

Commissioner Cowan asked about water main breaks in the West Sammamish area. Mr. Sidie pointed out that those were service line leaks. Commissioner Cowan asked if that line got replaced. Mr. Taylor replied that about 500 feet of water main was replaced, but not all of it. That water main is 12-inch diameter asbestos cement which has another 50 years' worth of life left in it. Mr. Bucich commented that there was an investigation initially on the 12-inch line, but the assessment doesn't fully encapsulate the risk of the impact of construction activity on the infrastructure. Commissioner Cowan asked if the concerns are related to the saddles, not the pipes for the 12-inch. Mr. Taylor confirmed this. Chair Helland asked if staff would be looking at requirements for construction so contractors aren't so hard on the lines. Mr. Bucich commented that it was good question to ask if the City wants to put limits on the contractors on the type of equipment which can be used and if those limits would actually drive up costs in a different way or produce an inferior product. He acknowledged that this is a balancing act.

Commissioner Wang pointed out that the bid amount often comes in under the engineer's estimate. In addition to that the final amount is often lower than the bid amount. He asked how this can happen. Mr. Sidie noted that there are contingencies built in. There are also some economies of scale issues. Mr. Taylor added that the contracts are structured as unit price contracts so all the components are segregated. If you don't use all of the materials, you end up coming in under minimum. This is the benefit of a unit price contract versus a lump sum contract. Commissioner Wang commended staff for their work on this.

Commissioner Cowan asked about the trends for project pricing. Mr. Sidie said that prices have been fairly flat for the city's projects. Commissioner Cowan asked if the City is on budget with the Coal Creek Parkway project. Mr. Taylor replied the project is pretty much on target. The contractor ran into a boulder in one of the shafts that required a little extra money to remove; however, there was a contingency in the contract to deal with those types of situations.

- CIP Update – Pam Maloney, Water Resources Planning Manager and Dave Perry, Engineering Technician.

  Ms. Maloney commented that updating the Utilities CIP is a critical part of the budget update for the Utilities Department and part of the overall city budget update that happens every two years. The CIP Update will look at adjustments to the adopted 7-year plan (the remaining five years) and will develop a plan for the two years added at the end (2020 and 2021). Ms. Maloney assured the ESC that staff will be looking for efficiencies and savings opportunities to help offset any recommended increases. She reviewed a tentative budget schedule.

  Ms. Maloney discussed the compressed schedule and proposed that the ESC hold an additional meeting at the beginning of April to allow more time to discuss proposed CIP projects. On April 17 there would be a presentation of the whole preliminary CIP with the budget recommendations and the ESC would be asked for their recommendation for Council. Staff would hold an open house before one of the April meetings and invite the public to come talk about changes to the CIP. Mr. Bucich discussed the timeline further and suggested the first April meeting for the Open House to allow the most opportunity for public input. The ESC's budget recommendation for the CIP will be included in the overall Utility budget recommendation to City Council later this year. Staff will request ESC concurrence with specific CIP recommendations at the April 17th meeting.

  Following discussion on this topic, Mr. Bucich suggested that staff hold an open house on April 3 before the extra ESC meeting. The hearing would be noticed two weeks prior to that, and staff would incorporate the comments

into a document to be taken up at the regular meeting on April 17. Ms. Maloney asked the ESC to let her know if that date would work. There was consensus to proceed with an extra meeting on April 3 unless otherwise notified.

Ms. Maloney stated she would now review the existing CIP Plan, the criteria for projects that can be included in the CIP, and how those projects are evaluated for merit against each other. In March the ESC will discuss proposed changes to the existing CIP. She explained that staff is looking at a new approach for developing budgets for ongoing programs rather than leveling the funding from year-to-year. Part of the reason for this is that the Utilities Department reports on the CIP performance including whether the budget was spent. In cases where projects aren't done every year, the performance based on expenditure doesn't look like Utilities is getting the job done. We hope to develop budgets for ongoing programs that reflect more accurately what Utilities expects expenditures to be. There was discussion about how the excess funds from each year are currently handled and how this impacts Utilities metrics.

Commissioner Morin commented that ratepayers might have concerns about Utilities consistently coming in under budget and wonder why their rates weren't lowered, but acknowledged that the reason for this is that each of the jobs is estimated based on the total cost of the total project over x number of years. Ms. Maloney concurred and noted that in the years that Utilities really did come in under budget, the savings were used to reduce the size of rate increases. Staff tries to be totally transparent with local program costs.

Chair Helland referred to Project Prioritization Guidelines on page 8-29 and commented that the verbiage related to regional benefits is confusing. Ms. Maloney explained what was intended here and indicated. She would clarify the language.

Commissioner Wang said he noticed in the paper that the City of Issaquah is taking over some of the sewer and water system. He asked for more information about this. Mr. Bucich commented that he was going to bring this up under the Director's Report.

Ms. Maloney proceeded to review the Adopted CIP as contained in the ESC's binders. She then commented on the value of the ESC's early input as representatives of the public.

Commissioner Mach referred to Ms. Maloney's comment that notices are published in the paper and said he wondered how many people actually read the paper any more. Ms. Maloney explained that the City is legally required to put a notice in the paper, but notices are also posted in many other places including all of the neighborhood associations and anyone who has asked to

be notified about the project. Commissioner Mach commented that the mailing he received was not very eye-catching. He recommended making this more attractive and engaging. Mr. Bucich explained that the City tries very hard to involve the public, but there really just isn't much interest in water and sewer lines unless a project directly involves or impacts someone.

6. NEW BUSINESS

Commissioner Mach noted that PSE (Puget Sound Energy) is doing an Energize Eastside project. The City has a representative, Nicholas Matz, on the advisory board. When someone asked him what the City represents on the board his response was basically to make sure there's enough capacity to serve the City. Commissioner Mach stated that this project involves putting in a transmission line over a major portion of the City. He thinks the City needs to be concerned about more than just capacity and expressed concern that nothing other than overhead lines was considered. Ms. Maloney stated that staff meets with ESC representatives from multiple departments and sits in on half-day or all-day workshops with PSE twice a year. She noted that PSE is as involved with asset management as Bellevue is as well as building for growth and capacity. The City has Comprehensive Plan policies saying we want not only capacity, but also reliability, and PSE has performance metrics for how reliable power has to be here. She stated that there was discussion at great length about the whole issue of underground versus overhead. She offered to have Nicholas Matz come give a briefing to the ESC.

7. COMMISSIONS REPORT OUT

Chair Helland stated that he is on the Downtown Livability Committee. He invited the rest of the commissioners to look at the materials and minutes which are on the City website to learn more. Mr. Bucich commented that the City is seeing more and more people wanting to live downtown. From a Utility perspective this is challenging with the restrictions on when work can be done due to traffic and business as well as people living downtown who want to have peace and quiet at nighttime and on the weekends. He encouraged the ESC's input on this issue.

8. DIRECTOR'S OFFICE REPORT

Mr. Bucich stated that Council has agreed on an assumption agreement with the City of Issaquah for the South Cove/Greenwood Point area since Issaquah is now ready to take that area over. He gave an update on the process and the impacts it could have on the City. Council has agreed to sign an assumption study to evaluate this issue. Commissioner Wang asked if Issaquah would be able to serve the area with higher pressure. Mr. Bucich explained that part of the assumption would be that Issaquah would take over one of the reservoirs. Chair Helland asked how the assets are valued. Mr. Bucich replied that the assets are owned by the

residents of that community; the City would not get any cash from the transfer. One issue related to this is that Issaquah would like Bellevue to give them the commensurate cumulative amount of money for the R&R fund for this area. Chair Helland said he would be interested in seeing the assumptions. Mr. Bucich indicated he would provide that and summarized that there is a long, complicated fiscal evaluation that needs to be completed before the ultimate outcome for Bellevue will be known.

Mr. Bucich then remarked that he, Nav Otal, Joe Harbour, and Lucy Liu had a great opportunity to spend a couple hours with new Councilmember Lynne Robinson yesterday. It was a very positive interaction, and she may be visiting the ESC at some point. He noted that Councilmember Jennifer Robertson will be the new liaison.

9. CONTINUED ORAL COMMUNICATIONS

10. ADJOURNMENT

The meeting was adjourned at 9:00 p.m.

2014

Tentative Environmental Services Calendar

March 14

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March

20 Budget One Overview (Lucy)
CIP Update: Review proposed changes to existing Storm & Sewer CIP (Pam/Dave)
Waste Water System Plan - ESC Recommendation to Council for Adoption of Draft Plan (Pam/Doug)

April 14

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April

3 CIP Open House (5:30PM)
Review Proposed Changes to Water CIP Investments
Summarize all proposed changes to the CIP
Utilities Early Outlook Forecast (Lucy)
Year-end Budget Monitoring Report 2013 (Lucy)

May 14

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17 CIP Update: Present Preliminary CIP & Request ESC Endorsement (Pam/Dave)
Wastewater Claims Discussion (Joe/Tony)
Water Cost of Service Results (Lucy)

May

15 Asset Mgmt. Annual Update - (Bill Heubach)
Utilities Budget Proposals
Water System Plan: Introduce Project & Reveiw existing policies w/proposed changes (Doug Lane)

June 14

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June

19 CPU Input on Draft Policies (Pam)
Water System Plan: Continue Policy Discussion; Review system analysis/criteria/ methods (Doug Lane)

July 14

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July

17 CIP Tour focused on proposed investments (Scott/Regan/ Pam)
Water System Plan: Review Significant Plan Findings (analysis; wells) (Doug Lane)

August 14

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August

21 Recess

September

18 CPU: Status Briefing (Pam)

October

16 Review Proposed Utilities Budget (Lucy)
Water System Plan: Continue Findings & Recommendations ((Doug Lane)

November

20 Public Hearing on proposed Utilities Budget (Lucy)

December

18 Water System Plan: Deliver draft Plan with high level summary of significant elements (Doug Lane)

September 14

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2014 Pending – ESC:

Status Reports on the following issue will be made when there are significant development:

- Water Rate Design (Lucy)
- Shoreline Mgmt. Plan (Paul)
- Stormwater 101 (Paul)

Katie/2014 Calendars/Pending ESC Calendar

Updated 3/3/14

2014

Tentative Council Calendar

March

17 Consent: Resolution auth City Manager to sign & certify NPDES Annaul Rpt (Paul/ Phyllis)

April

7 Consent: Resolution authorizing prof. svcs. agrmt w/ Pace for Factoria Reservoir Exterior Recoat (Regan/ Paul)

Consent: Resolution authorizing prof. svcs. agrmt. SDA for commerial meter 2014 Ph 2 (Paul/Regan)

21 Consent: Motion to award construction of SE 60th St Rdway Embankment Stabilization (Regan/Paul)

May

19 Consent: Motion to Award Construction of Commercial Water Meter Replacement 2014 Phase 1 (Paul/ Regan)

March 14

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April 14

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May 14

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June 14

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July 14

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August 14

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September 14

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October 14

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November 14

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December 14

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January 15

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February 15

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Key:
Agenda item description – **Consent:** Waste Reduction & Recycling Grant
Assistant Director's Name or designated staff that will
be available to attend Mayor's meeting
Staff Name – material content expert

2014 Pending Council

Bellevue/Redmond Consolidation of Sewer Agreements
Prof Svcs Agrmt Wagner Architects for Eastgate Yard Maintenance (Regan)

Katie/2014 Calendars/Pending Council Calendar

Updated 3/12/14

City of Bellevue

MEMORANDUM

_X_ **Action**

___ **Discussion**

___ **Information**

Date: March 20, 2014

To: Environmental Services Commission

From: Doug Lane, Water & Sewer Systems Senior Engineer

Re: **Wastewater System Plan Update**

Action Required

Staff requests that the Commission recommend to City Council the adoption of the 2013 Wastewater System Plan (the Plan).

Background

Hard copies of the Plan were provided to the Commission for review at the October meeting, and comments were received from the Commission at the November meeting.

SEPA review of the Plan, and review by adjacent jurisdictions, regional and state agencies has been completed. A public open house about the Plan was held prior to the ESC meeting on November 21, and public notices were made through various neighborhood associations. A SEPA Determination of Non-Significance has been issued. All comments submitted to the City as part of this process are attached to this memorandum.

Revisions to the Plan in Response to Comments

Abbreviated, paraphrased comments received on the Draft Plan are listed below, along with revisions to the Plan (in *italics*) that have been completed or are proposed to address the each comment.

Environmental Services Commission:

- Clarify that only a portion of Issaquah is in Bellevue's sewer service area. *This change has been incorporated into the Plan.*

- Verify that neighboring communities have an opportunity to comment on the Plan. *The Plan was provided to neighboring communities. Comments are attached, and are addressed below.*

- Growth in single-family residential population appears to be low. *Population data was provided by the Bellevue Department of Planning and Community Development, and is consistent with the Puget Sound Regional Council.*

Public SEPA Review:

- The sewer lines that are within Lakes Washington and Sammamish should be fully mitigated when these lines are repaired and/or replaced. This mitigation should include the creation of shallow water habitats that support juvenile chinook and other salmon, particularly if larger quarry spalls are used to protect exposed sewer lines (Karen Walter, Muckleshoot Indian Tribe Fisheries Division). *The comment is noted. Mitigation will be an integral part of project design. No change is proposed to the Plan.*

- Any sewer line proposed for replacement and repair that also crosses or is in the right of way of a fish barrier culvert should be planned so that the future culvert replacement project is not precluded in any fashion, including replacing culverts with bridges and/or stream simulation designed culverts, as a result of the sewer line work (Karen Walter, Muckleshoot Indian Tribe Fisheries Division). *The comment is noted. No change is proposed to the Plan.*

Hunts Point, Yarrow Point, Water District #117 and Beaux Arts:

- No Comments.

City of Kirkland:

- Kirkland pays Bellevue for conveyance when we use a portion of your conveyance system and yet there is no agreement that we can find that is reciprocal for when Bellevue uses our conveyance system to get the sewage to King County's lift station at Yarrow Bay. *Bellevue and Kirkland staff met to discuss this issue and potential revisions to our sewer agreements, separate from the Plan. No change is proposed to the Plan.*

Coal Creek Utility District:

- Page 3-8 states that CCUD has sole ownership for the Coal Creek Parkway Interceptor within Bellevue's city limits. This portion of the Interceptor was purchased by King County in 2003 and is solely maintained and operated by them. *This sentence has been deleted from page 3-8.*

City of Issaquah:

- Clarify the extent of Issaquah in Bellevue's sewer service area, in Section 3.2 and 3.2.4. *Wording has been modified for clarity.*

- Review the service area boundary near Newport Way and Lakemont Blvd ("Lakemont Triangle"), and correct as appropriate. *Sewer service area in Figure 3-3 has been modified as indicated.*

City of Redmond:

- Show the jointly-owned sewer trunks in Figure 5-13.
  Joint Ownership trunk sewers have been added to Figure 5-13. Note that this separate figure is for internal use only (not included with the Plan due to data security policies)

- The sewer agreement between the two cities that Wes Jorgenson was working on before he retired needs to be updated. *The agreement will be updated. No change to the Plan.*

King County Utilities Technical Review Committee:

- Show the location of public and private drinking water facilities.
  A new figure 3-7 has been added, showing the general location of the City's reservoirs and emergency wells, in addition the wells owned by Beaux Arts and Water District #117 (permission has been granted by these other utilities). The figure does not show specific locations of infrastructure, consistent with the City's infrastructure security policies.

- An evaluation or discussion of the impacts, if any, of future water use reduction due to conservation and effect on wastewater flows. *Brief discussion has been added to Chapter 4. Per capita consumption has been fairly stable since 2008, so no additional conservation is assumed for planning purposes.*

- Clarify that the Medina Trunk is not a joint use facility. *The sentence in 5.5.1 stating that Medina Trunk is a joint use facility has been deleted.*

- Provide an evaluation of opportunities for the use of reclaimed water as required by RCW 90.48.112. Provide a copy of the draft Water Reclamation Checklist. *A copy of the Water Reclamation Checklist will be provided, modified to remove identifying information about water users (to address potential privacy or proprietary concerns).*

- Provide SEPA documentation. *The final SEPA checklist and determination of non-significance will be provided in Appendix A of the final approved Plan.*

WA State Department of Ecology:

- Correct typos (Comments #1, 3, 6 and 13). *Corrected.*

- The title should reflect that this is a General Sewer Plan per WAC 173-240-050 (Comment #2). When referring to a General Sewer plan use that terminology or insert

General Sewer Plan in parenthesis for clarity (Comment #4). *Per discussion with Ecology, the title will stay the same but the term "General Sewer Plan" is referenced in the document.*

- Add a figure showing King County's wastewater treatment plants in relation to the City of Bellevue service area (Comment #5). *A figure has been added.*

- Identify the location of wells or other sources of water supply, water storage reservoirs and treatment plants, and water transmission facilities (Comment #7). *See response to the first King County UTRC comment above.*

- List all industrial wastewater dischargers (Comment #8). *This is provided in Table 8-2.*

- List and prioritize pump stations requiring capacity improvements (Comment #9). *A draft list has been provided, but is subject to change. The City is currently conducting a wastewater pump station evaluation that may change the priorities.*

- Provide a drawing, or a table, of the location, size, slope, capacity and direction of flow for all existing trunk sewers (Comment #10). *The separate figures provided to King County and Ecology for review show the location, size, slope and direction of flow for all sewers. This information is not provided in the Plan itself due to the City's data security policies. A table has been added to the Appendixes with pipe size, slope and capacity.*

- Ecology will be reviewing the engineering report(s) for lake line replacement (Comment #11). *This is understood. No change to the Plan.*

- Ecology does not approve general sewer plans, engineering reports, or construction plans that allow privately owned individual pumps (Comment #12). *Per discussion with Ecology, wording that pertains to grinder pumps has been removed from the Plan.*

Next Steps

Staff has incorporated responses to comments as indicated above. A revised document will be available at the meeting. Staff request that the ESC recommend Council adoption of the Plan, with the revisions above. The Plan must ultimately be adopted by City and County Councils, and approved by the WA Department of Ecology.

City of Bellevue

MEMORANDUM

___ **Action**

_X_ **Discussion**

___ **Information**

DATE: March 20, 2014

SUBJECT: Utility CIP Update 2015-2021

TO: Environmental Services Commission

FROM: Pamela Maloney, P.E. Utilities Water Resources Planning Manager
(425) 452-4625 pmaloney@bellevuewa.gov

Action Required at this Time

No action by the Commission is required at this time. The ESC's budget recommendation for the Capital Investment Program (CIP) will be included in the overall Utility budget recommendation to the City Council later this year. Staff will request ESC concurrence with specific CIP recommendations on April 17th.

At the March 20th Commission meeting staff will build on information that was presented in February. Specifically, staff will:

- Review changes to the ESC CIP Update calendar; and
- Review proposed changes and new investments to the Storm and Sewer CIP Plans.

Please bring your 3-ring CIP Update binders to the meeting.

City of Bellevue

MEMORANDUM

___ **Action**

___ **Discussion**

_X_ **Information**

Date: March 20, 2014

To: Environmental Services Commission

From: Lucy Liu, Assistant Utilities Director – Resource Management and Customer Service

Re: **2015-2016 Budget One Process Overview**

Action Required

No action by the Commission is required at this time. This is an informational briefing.

Background

On March 20, staff will provide an overview of the City's 2015-2016 Budget One process. As background, in your packet you will find a high-level process flow for this process.

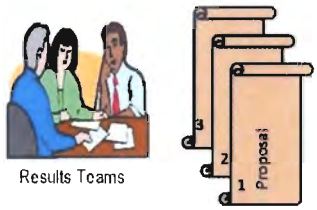
2015-2016 Budget One Process and Overview Map

The Budget One Process

Using citizen surveys, public hearings, and other public input, City collects information on community expectations. (Jan – Feb '14)

Results Teams are formed around each outcome. Teams update Cause & Effect maps and Requests for Results (RFRs). (Jan – Feb '14)

Council discusses financial forecast and financial policies. Policies are changed or affirmed. RTs publish Cause & Effect Maps and RFRs. (March - April '14)



Departments prepare and submit proposals for all services. 1st Public Hearing. (March – May '14)

Results Teams rank proposals based on RFRs. Departments revise proposals based on feedback and ranking. (May – July '14)

Council discusses financial forecast update. 2nd Public Hearing. (July – August '14)

Based on Results Teams' rankings, Leadership Team recommends final proposals to the City Manager. (August '14)

City Manager, in alignment with the direction from Council, uses Leadership Team recommendations to build City Budget for presentation to Council. (October '14)

Council reviews budget, holds final Public Hearing and adopts final budget. (October – December '14)

Budget Book Published (April '15)