



**Joint Meeting of Water System Advisory Committee (WSAC)  
and Creeks, Drainage, and Wastewater Advisory Committee (CDWAC)**

**January 11, 2017 Meeting Notes**

**Seattle Municipal Tower, 700 Fifth Avenue**

**Room 4901**

**5:30 pm – 7:30 pm**

Committee Members & CAC Staff	Present?	SPU Staff & Guests	Role
<b>WSAC</b>		Madeline Goddard	Deputy Director, Drainage and Wastewater Branch
Rodney Schauf	Y	Sheryl Shapiro	CDWAC Liaison and CAC Program Manager
Melissa Levo	Y	Natasha Walker	CAC Program Coordinator
Teresa Stern	Y	Joan Kersnar	SPU Drinking Water Planning Manager, Water LOB Liaison
Paul Reed	Y	Mary Rutherford	SDOT/SPU Interdepartmental Coordination Lead
Michael Godfried	Y	Jon Ford	Lead Water LOB Planner for MOVE Seattle
Joel Carsley	Y	Annalisa McDaniel	Lead Drainage and Wastewater Planner for MOVE Seattle
Steven Cole	Y		
<b>CDWAC</b>			
		<b>Guests</b>	
Ben Billick	Y	Maria McDaniel	Guest
Christina Ciampa	Y	Ky Lewis	Guest
Schyler Hect	Y		
Patrick Jablonski	Y		
Colum Lang	Y		
Seth McKinney	Y		
Gary Olson	Y		
Devin O'Reilly	Y		
Evan Osborne	P		
Mariella White	N		

**ACTION ITEMS**

- In early 2017, Noel will provide a CRP update to Committee members.
- Natasha to distribute the invite to the February 28 Wastewater and Stormwater Summit at the Brightwater Center.

- Sheryl/Annalisa to follow up on the following Committee member question: “How does that number compare with your DWW budget for these kinds of improvements? For DWW, what percent of the total budget does it comprise? I.e. how much is being driven by these projects?”
  - **Annalisa response via email:** The total budget for ROW/Move Seattle projects averages out to be about 13% of DWW budget between 2018-2023.
- Natasha to distribute a survey for prioritizing “deeper dive” workplan topics.

## 1. Regular Business

- WSAC Co-Chair, Rodney Schauf, opened the meeting at 5:36 PM and reminded attendees to sign-in.
- Committee Members, SPU staff, and guests introduced themselves.
- Meeting notes from December were approved.
- Sheryl indicated emergency exits, exit procedures, and bathrooms.
- Sheryl provided a brief member update, introducing new members.

## 2. SDOT and SPU Transportation Projects: MOVE Seattle Update: Mary Rutherford, SDOT/SPU

Interdepartmental Coordination Lead, Jon Ford, Water LOB, Annalisa McDaniel, DWW LOB

Mary Rutherford provided a brief background on the SDOT/SPU Coordinator position, which was setup to facilitate tasks that improve the ability for SDOT and SPU to work interdepartmentally. SPU and SDOT jointly funded this inter-departmental coordination position. Mary then provided some context on the Seattle Municipal Code and the \$930 million-dollar Transportation Levy to Move Seattle (SDOT) at the root of this partnership. Mary reviewed the SPU and SDOT initiatives moving forward simultaneously and competing for priority/resources. She also shared SPU/SDOT coordination accomplishments so far, where both agencies have accomplished their missions within the same projects / policy

- **Committee member question:** What do the dots on the surfacing groundwater graph indicate?
  - **Answer:** They represent incident maps. They are given certain attributes, such as slope, proximity to intersections. Those that have been mapped have also been prioritized.

Annalisa McDaniel reviewed the 2016-2018 SPU Move Seattle projects, all of which have been completed. She then reviewed the SPU objectives for Move Seattle, explaining that the coordination efforts need to align with the SPU’s Strategic Business Plan.

- **Committee member question:** When you’re prioritizing your projects for say, infrastructure improvements, are you influencing SDOT on their timing on their projects? Will they adjust for you?
  - **Answer:** I don’t think that’s happened yet, but that’s one of the intentions of this collaboration. Right now, we’re being driven more by SDOT.
- **Committee member question:** In terms of funding from SPU to do these projects, how is that funding being put into the project? If you can’t get something done because you don’t have the money, can you move money over to help, or can you say “we just can’t”?
  - **Answer:** Both. We can’t move funds between the LOBs. Sometimes we’re resource constrained and there’s sometimes opportunities we can’t take on.
    - **Committee member question:** Do you have the ability to borrow money for a project? For example, if they’re digging up a road, wouldn’t it be worth it to borrow at a certain rate than go back and re-dig it up 5 years later?
    - **Answer:** Absolutely, but it could be that we’re limited for opportunities and we’re at capacity.

- **Committee member comment:** On the CRP (Customer Review Panel) , they’ve talked about how they shift priorities to move funds from one project to another. So, I think it’s something they have done, and are looking to do more frequently.
- **Committee member question:** So, is SDOT mainly telling you the project schedule, so you can coordinate? Rather than a tug of war between the two agencies?
  - **Answer:** I think that’s really the second phase, to coordinate and look across the planned projects to see if we can sequence those projects to complete work at the same time
  - **Answer:** The other thing that happened in SDOT about 1.5 years ago was that they started the Project Coordination Office (PCO) to coordinate with all franchise utilities, private development, projects that impact the right of way, and public utilities. The PCO is collecting information over the next 3 years (mandatorily required to provide to them) and where there are multiple projects they are starting the conversation.
- **Committee member question:** Where did this joint-collaboration come from? From the Mayor?
  - **Answer:** It was that the two Directors of the two Utilities saw the value in it. I think with this particular Mayor, more than others, there is an emphasis on looking at the City as a whole, in an effort to make sure we don’t stay in silos. I think the new Mayor influenced the decision.
  - **CAC member comment:** You do hear more about bridging silos with this Mayor.
- **CAC member question:** Without initiating the cost sharing, wouldn’t the Seattle Municipal Code have put a lot of onus on SPU to fund these?
  - **Answer:** The purpose of the MOA won’t shift costs to SDOT that should be on SPU. However, on an individual project basis, it can be hard to distinguish which bucket it needs to go in. The purpose was to provide clarity and not leave it to individual discretion.

Jon Ford presented on the “Must-Do” and “Opportunity” projects, and the process for those projects. He walked Committee members through a few example projects, explaining some of the benefits including:

- Reduction of project costs (example: if SDOT is paying for concrete removal and restoration already)
- Cost-effective opportunities to replace seismically vulnerable infrastructure with earthquake resistant technology
- Reduction of overall impact to residents by coordinating with SDOT on projects

Annalisa walked Committee members through the criteria/steps taken by both DWW and Water LOB to identify Must-Do and Opportunity projects. She then reviewed the early cost estimates.

- **Committee member question:** How does that number compare with your DWW budget for this kind of improvements? For DWW, what percent of the total budget does it comprise? I.e. how much is being driven by these projects?
  - **Answer [Annalisa]:** I’ll have to get back to you on that.
  - **Answer [Jon]:** For the Water LOB, I think it is 10-15% of the total CIP.
- **Committee member question:** For Water, you have two Opportunity projects, but a very large budget?
  - **Answer:** Yes, that’s the E Marginal Way and Madison BRT project, with a substantial amount of pipe being replaced.

- **Committee member question:** Is SDOT doing a similar coordination with Seattle City Light? Because of a lot of downtown is underground lines.
  - **Answer:** I don't know that SCL and SDOT have made the same commitment to partnership. I would agree there's very much the same need there as well. We have shared info with SCL about our collaboration, to pique their interest.

### 3. Water Demand Forecast Update: Preliminary Draft: Joan Kersnar, Water LOB Liaison

Joan Kersnar provided a brief recap of Bruce Flory's presentation on the Water Demand Forecast Update at the December 2016 CDWAC-WSAC meeting. As there was not time at the December CDWAC-WSAC meeting to gather Committee member feedback, Joan asked members to share their reactions including key takeaways/ah hahs and anything they would have wanted to share with their colleagues or neighbors. Committee members provided the following responses:

- **Committee member comment:** I was surprised by how much conservation was still assumed to be in the future. The conservation that could be captured through the changeout of appliances.
- **Committee member comment:** One comment that I had was the amount of water usage per household. I know the fixtures have been reduced, but I know leaks weren't mentioned. The new fixtures don't require any maintenance, which is surprising to me, so it must have a significant effect on the amount of water that is saved. I used to have to change washers regularly.
  - **Joan:** That's interesting because leaks on the water side of the meter (such as toilets) are shown to still represent significant use.
- **Committee member comment:** I was quite impressed with the complexity and sophistication of forecasting methodology that has been perfected and matured over the years.
  - **Committee member comment:** I agree with that. There was one piece of contradictory information about the data. Don't have my notes in front of me, but maybe Devin can help. We use historical data to predict into the future, but we stated that we can't use historical data to predict climate change but we use the historic data to predict water usage.
    - **Joan:** We use scenarios for climate change, but there's not one prediction that is reliable.
    - **Committee member comment:** I guess it goes back to our presentation from SPU Climate Change specialists, which noted there are multiple scenario we can run climate change on.

Joan asked the Committee members, "Is there any kind of summary graphic that would be of interest? Something we can provide from the model / calculation?"

- **Committee member comment:** I like this one a lot [river chart showing breakout of customer classes]. It really shows how the bulk compares to the Seattle Retail, etc.
- **Committee member comment:** We're a group that really likes maps.

- **Committee member comment:** I was impressed looking at the difference between where we used to be in households, versus where we are now. I realize inflation is now factored in, etc. But I think it's valuable information – seeing the dollar savings if they change their fixtures.
- **Committee member comment:** This graph is showing gpd(gallons per day) per person per day. A lot of folks are noticing their neighborhoods getting denser, and want to know if we're on track with water. It would be good to show how the supply and demand could change in the future, under the different climate change scenarios.
  - **Joan:** We can come back in the future and see if the way I present works for that.
  - **Committee member comment:** It would be good to see an overlay with how population is growing compared to this chart. Also, an overlay of population vs income. And how water use increases with income.
  - **Committee member comment:** Regarding population increase: because Seattle has run out of room, most of the folks will be in MF (Multifamily) which uses less water/pp. It's going to be a different story than in the past.
  - **Joan:** And that's a good thing to keep in mind when we talk about the conservation goal. We have a goal that's flat, but since we have a growing system, we're expecting efficiencies as population grows to meet that goal.
- **Committee member comment:** With the gap between firm yield and demand, does that invalidate the justification for conservation efforts on the part of SPU?
  - **Joan:** It does. There's not a cost effective driver for implementing conservation in order to delay development of a new supply source.
- **Committee member comment:** There was a chart on passive savings. Is there a chart showing some more historical data on this?
  - Bruce has some information on that but he didn't get into it because it's complex and he'd need to explain the behavior/code overlaps. We do have that though. You're also expecting to get diminishing returns on the passive savings as existing fixtures are replaced.

#### 4. 2017 CDWAC-WSAC Planning

Sheryl walked Committee members through the Joint Committees 2017 Planning Document, to discuss attending a SPU SBP outreach meeting in lieu of having the February CDWAC/WSAC meeting.

Sheryl walked Committee members through the initial February – December agenda items. Joan and Madeline then walked Committee members through the potential “Deep Dive” topics, slated tentatively for June – December. **Natasha will send these out by email/or in survey for Committee members to provide a numerical rating.** If anything is missing, Sheryl asked members to please provide it in the survey.

Sheryl said she was considering holding a LOB-specific new member orientation, or combining it with a New Member Orientation. Date TBD.

Sheryl said that before March meeting she would be collecting from staff any events where there would be opportunities for CAC members to join (to go with Outreach discussion). This could also be started via email.

## 5. Strategic Business Plan Update and Outreach Opportunities

Co-Chair, Rodney Schauf, who is also serving on the SPU Customer Review Panel, provided a brief recap of SPU's Strategic Business Planning (SBP) process. He provided some brief history on the SBP outreach efforts to provide context for these meetings.

Sheryl requested the Committee members submit the date of the SBP Outreach meeting they would like to attend either this evening or tomorrow (1/12) if possible.

- **Committee member question:** Is there any information that might be available to us about what happened last time in these SBP outreach meetings? The feedback received after the meeting?
  - Sheryl: I think that exists. I'll look it up and share it.
- **Committee member question:** If someone did go to a Farmer's Market, are we spreading the word of CDWAC or just observing?
  - **Sheryl:** We could discuss. If we're in a neighborhood where we're not represented it might be good to think about what recruitment would look like. We want folks to know we are here, especially communities who are not represented on the Committees.

## 6. Around the table

- February 28: Wastewater and Stormwater Summit at the Brightwater Center. **Natasha will send out electronically.**
- January 16: Martin Luther King Jr Day: "A Day On, Not a Day Off." EarthCorps, and many others have volunteer activities.
- A vote was taken on cancelling the February meeting. "Yes": Indicated they wanted a meeting, "No" Indicated they did not want a meeting. Sheryl counted the votes, and concluded that the February CDWAC-WSAC meeting would be cancelled to allow CAC members to attend SPU's SBP Update community meetings.
  - **Committee member comment:** If we have a February meeting, it could be a networking opportunity. We can talk about how we can add to this process.
    - **Sheryl:** You have each other's emails, so you can also self-organize an event.

**Adjourned 7:36 PM**