

Committee Business:

- WTD's Productivity Initiative Report will be posted to the website.
- A motion was made and seconded that the Initial I/I projects proceed to final design with the combined Bellevue and Issaquah Project and Skyway Project. A roll-call vote was made with the City of Lake dissenting.
- MWPAAC letter of recommendation on the Initial I/I projects will be sent to WTD Division Director Christie True.

WTD Director's Report:

- The division did not meet the Productivity Initiative target set for 2007. WTD has found that In order to make significant savings, investments must be made. The division is still on track to meet the savings goal of \$79.5M.
- EPA continues to push the date back on report their findings.
- What is the current target goal? It's currently 68%.
- A lot of goals are set and then reset to be more realistic for the current conditions, will WTD do that? No, we haven't done that. There are certain items that the target can be adjusted for (commodities and chemicals) but the program can't be reset until it is up for renewal.

Initial Infiltration and Inflow (I/I) Project Update:

- Four project candidates out of a potential 9 are recommended alternatives for final design. Construction would begin in 2010.
- In 2013 analysis of the results and future implications for the Regional I/I Program.
- During this last wet period, flow monitoring was done in 11 basins to augment work completed in 2000-2001.
- Field work was completed to gauge the actual costs of I/I rehabilitation. Information was also compiled from the pilot projects and local agencies.
- Skyway Project: Focus is on basin 2 and 340 private properties would be rehabilitated. The amount of I/I removal would eliminate the need for storage at a cost savings of \$5.4M. This alternative would require Skyway Water and Sewer District to provide funding upwards of \$200K.
- Combined Bellevue/Issaquah Project: Work is primarily in two basins and focus will be on I/I rehabilitation in 220 properties. The costs have reduced from \$5.6M to \$7.0M. That project will reduce the size of a downstream facility.
- Renton Project: The city has taken responsibility to manage a small project to implement corrective actions in summer 2009.
- Recommendation is to proceed to final design with the Combined Bellevue/Issaquah project and Skyway project.

Initial Infiltration and Inflow (I/I) Project Update:

- How are these two projects selected? They were the only two projects that were cost-effective and a presentation was made at E&P.
- Comment: When you go out and do I/I – there are inherent risks that flows could change. Ultimately though the underlying value of seeing whether these larger projects make sense, it makes sense to go forward with these projects even though they are some inherent risks because we are going to learn from these.
- Where is the money coming from to fund over \$10M in projects? We having funding set aside for CSI projects that will we will use of I/I project that meet the cost benefit criteria.
- What is the future for projects? To replace entire elements of the system. In 20 years from now there may be technology that allows us to do that.

Letter of response from Mark Buscher to Wes Jorgenson, E&P Chair

- Mark Buscher met with the Engineering and Planning Subcommittee on September 3, and informed the committee a letter will be sent to MWPAAC that outlines how they are going to address these issues presented in MWPAAC letter of July 11, 2008. Here's a link to the letter: <http://dnr.metrokc.gov/WTD/mwpaac/references.htm>.
- The Reclaimed Water Comprehensive Plan planning process is expected to take 2-3 years to complete. E&P Subcommittee will be involved in the planning process through monthly meetings.
- WTD receives inquires regularly about the availability of reclaimed water.
- The Plan's development process will include an economic analysis following the WaterReuse Foundation framework for Evaluating the benefits and Cost of Water Reuse. The economic analysis will include stakeholder input. The economic analysis will be a useful tool to help identify and quantify the range of benefits of a reclaimed water project, which in turn will help us answer the questions and develop policies to guide who pays, how much, and why.
- The Reclaimed Water Comprehensive Plan will identify but not analyze alternatives to producing reclaimed water that may provide the same benefits.
- The existing reclaimed water program will continue to seek out additional reclaimed water customers for project built or being built. Depending on the outcome of the Reclaimed Water Comprehensive Plan, the existing program may need to be modified to be consistent with the new Plan.
- The Plan will reassess reclaimed water goals. The planning activities related to comprehensive plan, I/I and CSI resulted in the review and revision of policies and this process will follow that model.

Questions related to the Reclaimed Water Comprehensive Plan:

- In response to a question on stakeholder participation, Mark answered that there are representatives from environmental groups, tribal groups, regulatory agencies, industry and recreational reclaimed water user groups, and representatives from water and sewer agencies. In reference to the list of stakeholders, it doesn't mean they are all equal. There are different levels of importance and consideration.

- In response to a question on the true cost of water, Mark replied that a very significant part of the planning process is the economic analysis. The way we intend to do that is to identify the ways/uses for reclaimed water. What we plan to do is basically use the framework for doing benefit cost analysis. But the second thing – we need to work with the stakeholders and the individuals that have come to us to talk about projects. What we will also plan to do is to vet all the costs for our analysis through the E&P subcommittee.
- Comment: Every drop of water is reused whether it's artificial or natural and this is a distribution method.
- In response to a question on the expansion of the reclaimed water system, Mark answered the existing reclaimed water system will continue to seek out additional users to hook users up to that system. That system includes process water we use internally as well as Carnation, Renton and West Point treatment plants.

#### Finance Subcommittee Update:

- The committee last met to discuss the administrative changes to the Capacity Charge ordinance.

#### Advisory Committee on Sewage Disposal Agreements:

- The chair is scheduled to meet with the County to discuss the upcoming committee schedule and work plan.

#### Emergency Response during Large Storms:

- Current WTD emergency response practices:
  - preventative maintenance at facilities,
  - ensure lead and back-up equipment is available,
  - 24-hours of fuel for standby generators,
  - assign additional staff to standby with vehicles,
  - pre-planned inspection routes for conveyance system,
  - on-call emergency repair and clean-up contracts,
  - trouble call system for water quality monitoring.
- Goal: Recommend improvements to WTD emergency response activities, focusing on response to large storms that impact multiple facilities.
- Enhancing current ER practices:
  - WTD-wide training/tabletop exercise scheduled; annual updates planned,
  - formalize pre-storm huddles/wet weather briefings,
  - increase/formalize downtown support of operational staff (add depth)
  - update public information materials (dealing with sewage spills and who to call for various emergencies),
  - update agency notification practices,
  - review and reinforce training on emergency cleanup procedures.
- Considerations for Local Jurisdictions:

- Call Main Control at West Point and South Plant 24/7 – they lead incident response (South Plant – 206-684-2404 and West Point – 206-263-3801)
- Educate your customers about who to call for various emergencies (sewers, storm drains, power and water utilities).

Emergency Response during Large Storms Questions:

- It exceeded the 20 year design standard, do you know if it exceeded 100 year design standard? I have not heard that. The 20-year flow is not a storm.
- Do you also work with other large agencies in terms of sharing resources – mutual agreements for aid? I don't know the specifics but there are some joint agreements.
- Comment: Soos Creek Water and Sewer District and the City of Seattle answer phones at King County Emergency Operations Center.
- Are you also looking at local agency systems? No, just KC facilities.
- Did you identify shortcoming in how you communicate with the local agencies? Those are things that we will address internally. We do have an update in dealing with the public workshop for the County – they should not be speculating.