1. CALL TO ORDER/ROLL CALL

Chair Snider called the meeting of the Lake Oswego Tigard Water Partnership Oversight Committee to order at 5:30 pm at the Lake Oswego Main Fire Station, 300 B Avenue, Lake Oswego Oregon 97034.

2. APPROVAL OF MINUTES

Mayor Cook moved to approve the minutes of the February 22, 2018 meeting of the Oversight Committee. Councilor Manz seconded the motion. The motion passed.

3. PUBLIC COMMENT

None.

4. OLD BUSINESS

4.1 Water Rights Extension Remand
Ms. Duncan reported there had been no change since the last meeting. It is still with the Water Resources Department and no date has been given for the decision.

4.2 Operations Committee Report
Ms. Duncan referenced the report in the meeting packet. She thanked the committee for their input at the last meeting and stated she is working toward making the report useful for everyone and welcomed additional input.

Ms. Duncan reported there had been very few complaints. Lake Oswego had one taste and odor complaint and several requests for free lead and copper testing. Tigard received one to two complaints per month, typically concerning chlorine odor and taste.
Mr. Goodrich reported Tigard started releasing water into the system from ASR 1 in April. The ASRs are exercised periodically to make sure they are operating properly before the summer season and to move water through them as they sit for long periods of time. Councilor Snider confirmed that the ASR was feeding the city. Mr. Goodrich affirmed and continued that ASR 1 was run for about a week and then shut down due to water quality complaints of chlorine taste and odor. ASR 1 contained 60 to 80 M gallons of Portland water which contains a lot of ammonia from the chloramine disinfectant residual. Staff is working to develop a plan to figure out how to address the issue. Councilor Snider commented that the water is safe and would be fine in an emergency situation. Mr. Goodrich said water from ASR 1 could be blended with water from ASR 2 but if there are issues it is difficult to pinpoint where the problem is. Councilor Snider asked if it would be possible to blend the ASR water with water from the treatment plant. Mr. Goodrich stated that would be a possibility when water demands are higher. He added a small amount of chlorine (maintenance chlorine) is added to the water when it leaves the ASR and staff would work to adjust the dosage. Base line samples were taken when the ASR was started and there was no indication of a taste problem. Councilor Snider asked if taste tests were conducted. Mr. Goodrich affirmed.

Councilor Manz asked if the lead and copper test results had been negative. Ms. Duncan responded that all the voluntary customer requests had been zero, probably due to very few homes in Lake Oswego having plumbing with lead content. She continued that when lead and copper testing is done for regulatory purposes the highest risk homes are the ones selected for testing. Councilor Manz asked which era those homes would have been built. Ms. Duncan replied homes built pre 1940s and maybe up to the 1950s and 1975 to 1982 when lead solder was common. A couple of those homes had a detection of lead or copper however the system was in compliance with State and Federal regulations.

Councilor Manz asked if any modeling work had been done to predict water use for the current year. Ms. Duncan explained there is some variability when looking at past years’ use but it tends to fit a trend. Councilor Snider asked if last years finished water production would be a good predictor. Ms. Duncan said it is a good predictor plus or minus five percent and the peaks are more variable depending on how hot the summer is or how cold or rainy the year is. She referred to the graph in the meeting packet and pointed out that demand in the early part of 2018 had been lower than 2017 for both Lake Oswego and Tigard and predicted that peaks for 2018 would likely be similar. She added that budget and operations remain pretty consistent from year to year and cited total water production at about 4 billion gallons per year. Councilor Manz asked if it’s possible to predict a drought. Ms. Duncan responded that it’s difficult to predict what the river will do. Snow pack and rainfall are monitored and help to make somewhat of a prediction and the Clackamas looks to be pretty good at this point, maybe not as good as last year but definitely better than 2015.

Ms. Duncan addressed questions from the previous meeting regarding per capita use and referenced a table in the meeting packet showing total production and the amounts used by Tigard and Lake Oswego. She explained per capita figures can be calculated many different ways so it’s difficult to compare usage between water systems. The average per capita use in Tigard during 2016 was approximately 90 gallons per person per day and in Lake Oswego is was approximately 141 gallons per person per day which includes industrial, municipal and irrigation.

Ms. Duncan reported 1,260 total work orders were completed and recorded on the water plant’s asset management database for the first quarter of 2018. She acknowledged that was a little less than the previous quarter but noted two staff vacancies which she hopes to fill soon.
Ms. Duncan stated eight new warranty repairs had been submitted to Slayden during the first quarter for small issues; an irrigation line break, flow switch repair and low voltage electrical monitoring system repair. The Administrative Building HVAC system warranty request is still in process. Good progress has been made with regard to the pump vibration warranty request at the river intake. An analysis report was received from the pump supplier and a plan for how to proceed is in progress. Councilor Manz asked if Slayden had been responsive. Ms. Duncan answered they had been responsive but working with the sub-contractors slows things down a bit.

Ms. Duncan announced a tracer study on the water plant would be conducted in May. It’s the final step in the regulatory process for getting a rating of the treatment plant. She explained a tracer (salt) is sent through the system and is monitored to determine how fast water and chlorine travels through the basins. She explained currently the disinfection contact time is calculated on a very conservative theoretical value and this study would give an accurate value.

4.3 Budget Review

Ms. Duncan reviewed there had been several questions regarding the budget at the previous meeting and referenced the budget report in the meeting packet. She stated the majority of partnership expenses fall under the water treatment plant budget. She directed attention to the proposed budget for FY 18/19 and compared the $3.56M for FY18 and the proposed budget for FY19 is $3.64M, a 2.4% increase, due to salary/benefit increases and electricity which is anticipated to increase 2%. Electricity is the largest budget line item in the materials budget. Councilor Snider asked the amount of the electricity budget. Ms. Duncan responded it was $1.15M for FY18 and budgeted at $1.184M for FY19. Councilor Manz asked about the possibility of generating solar energy for plant use. Ms. Duncan stated one of the plant building’s roofs has solar panels which probably generates enough electricity to power the administration building. The pumps draw so much energy the amount of area to accommodate that many solar panels would be quite significant. Councilor Snider asked if energy had been measured from the water flow. Ms. Duncan replied that technology is called micro hydro. She continued that PGE has a program that analyzes systems to determine if they are a good candidate for that technology. Lake Oswego explored the possibility with PGE years ago. At that time it wasn’t feasible. Mr. Goodrich added micro hydro technology is appropriate when moving large amounts of water long distances. The 10 - 14 miles of pipeline through Lake Oswego and Tigard is a long distance but it’s not really transmission because water is utilized as it moves through the system. Ms. Duncan reminded the group of the energy trust rebates received for the new high efficiency pumps and motors and noted participation in an energy demand response program with PGE where electricity usage is dropped during peak demand times. Participation in the program resulted in approximately $30k paid back to the partnership from PGE last year.

5. NEW BUSINESS

5.1 IGA Amendment 5 - Tenancy in Common Agreement

Ms. Duncan reported Amendment 5 to the Intergovernmental Agreement would go before the Tigard Council April 24 and Lake Oswego Council the first meeting in May.
6. FUTURE AGENDA ITEMS

6.1 Clackamas River Water Providers

Ms. Duncan suggested the Clackamas River Water Providers (CRWP) Source Water Protection Program may be of interest to the Oversight Committee. Lake Oswego and Tigard are both members of the program. Kim Swan from CRWP, who would be presenting on the topic, will not be available for the next scheduled meeting July 12. Ms. Duncan stated she would also be out of town that day so she suggested moving the meeting to the following week, July 19. The group agreed to move the meeting to July 19.

6.2 Regional Water Providers Consortium Presentation

At a future meeting date yet to be determined.

6.3 Miscellaneous Issues

Mayor Cook inquired about the Willamette reauthorization. He explained he would be attending the US Conference of Mayors Water Conference and one of the speakers would be James Dalton, Director of Civil Works for the US Army Corp of Engineers (USACE). Mr. Dalton requested a list of Mayors, their cities, and what USACE issues are important to them in advance of the meeting so he can be prepared to discuss specific issues instead of speaking generally. Mayor Cook had received input from Joel Komarek and requested help deciphering the information Joel provided. Mr. Goodrich explained USACE operates federal projects. They hold 1.6M acre feet in reserve and are considering a reauthorization. In the original language, water being held back would be for irrigation only, not municipal use. Many groups have a stake and want to be heard. Municipalities want to make sure the Federal Government doesn't give all the reserves to irrigation interests. Ms. Duncan added she had been working on the issue as a board member of the American Water Works Association. The Oregon Water Utility Council (OWUC) had been working on the issue for a few years to help get some of the water allocated for municipal use. Very recently they discovered the USACE was considering reallocations for water use and municipal use appeared to have been left off. The OWUC worked for more of a federal presence to lobby and advocate with the USACE for municipal use. Ms. Duncan referenced a white paper on the topic and said she would forward it on to Mayor Cook. Councilor Snider asked if the situation is unique to our area or if other areas are affected, as well. Ms. Duncan replied the issue is relatively unique to our area and the Willamette Basin.

Mr. Goodrich asked if there had been further discussion at Lake Oswego regarding the paving work done by the City of West Linn which exceeded the amount of the water plant contractor bid. Ms. Anderson stated she had discussed the issue with Joel Komarek recently. A check in the amount of what the partnership thought was fair was sent to West Linn. They contacted Joel and indicated they were expecting the balance. Mr. Komarek spoke with Scott Lazenby who suggested to take no further action for the time being.

7. ADJOURN

Councilor Manz made a motion to adjourn the meeting. Mayor Cook seconded the motion. Motion passed. Chair Snider adjourned the meeting at 6:09 pm.