

PUBLIC WORKS & FACILITIES COMMITTEE
Regular Meeting – December 4, 2017
12:00 PM – City Hall Assembly Chambers
MINUTES

I. ROLL CALL

Meeting was called to order at 12:08 p.m.

Members Present: Loren Jones (Chair), Ms. Weldon, Mr. Gregory

Members Absent: Ms. Gladziszewski

Staff Present: Roger Healy, Tina Brown, Greg Smith, John Bohan, Michele Elfers, Rob Steedle, Tom Mattice, Beth McKibben

II. APPROVAL OF AGENDA

Approved.

III. APPROVAL OF MINUTES

None.

IV. PUBLIC PARTICIPATION ON NON-AGENDA ITEMS

Margo Waring of 11308 North Douglas Highway made an appeal on the opportunity to use renewable energy as an example project in the Pederson Hill Subdivision development. Ms. Waring stated that either ground source heat or air source heat pumps would be desirable alternatives to burning fossil fuels since by design, the houses are going to be close to each other and many times there are air inversions in this area. This air will be closer to the surface. There will be more polluted air because fossil fuels do pollute and we will have a greater density of homes which will compound things. If the City requires infrastructure or distributed heat source, or as a requirement of the building of homes with nonpolluting sources of heating, we will be protecting the health of children, the health of the community as a whole and working toward our goals of having a cleaner less greenhouse gas profile that the City has adopted. There are avenues that the City has at their disposal to make these requirements part of the development plan and she hopes that the PWFC will do what it can to ensure that this happens.

Ms. Weldon asked about the cost difference between fuel source heat and the heat pumps.

Ms. Waring said she cannot give an exact figure; it is more expensive than resistance systems. What happens is that a lot of builders in town install electric resistance heat systems because it brings down their costs. Long term costs of air source heat pumps is significantly lower than electric. She does not know the data for ground source heat but she feels that this would be even lower. A system similar to AEL&P's ground source well

field would be the kind of thing that Pederson Hill Subdivision could have, and it would have branch lines going out to homes. She does not know enough about the technology to know how many well fields you would need. These are technical questions that can be answered and should be answered before we leap into repeating our old problems where we have air alerts all the time in the Valley, which isn't just about wood smoke, though this is one of the particular issues, but contributing to this are the byproducts of fossil fuels.

V. ITEMS FOR ACTION

A. Landslide & Snow Avalanche Hazard Mapping Grant Request

Mr. Healy discussed the need to develop and update the City's hazard map for landslides, debris flows and snow avalanches as described in the provided memo.

Mr. Mattice spoke stating the avalanche maps and mass wasting maps are conjoined. CDD is looking at best practices for building in the community. Understanding what land is useable and what land should be avoided is important and our existing maps need to be updated. We have an existing program through FEMA for hazard maps that are primarily flood based maps, but they do additional studies to support the hazard maps. Mass wasting is one of the studies that can be done. This would be considered as an ongoing project to our existing program through FEMA for our hazard maps. We found out that through a similar type of FEMA project with Sitka they were able to fund additional map studies. We checked with FEMA and they said we could still submit this type of grant request for a mapping update under our existing FEMA grant. This is a FEMA grant request with no CBJ matching dollars. The grant is called the Cooperating Technical Partner's Grant. The dollar amount is still being determined.

Mr. Jones asked if on the FEMA flood zones, that once we do the update would there be an impact. Would it lock us into certain development issues? Would it lock people into hazardous insurance or make residences identified areas not insurable? What happens if we update, what is the potential impact?

Mr. Mattice stated that from the FEMA end there are no implications. We made it very clear that our goal is to bring forth this study's findings to the PWFC to determine how to move forward.

Ms. Weldon moved to forward the FEMA Cooperating Technical Partner's Grant funding request for Updating Juneau Borough's Landslide and Snow Avalanche Hazard Mapping the full Assembly.

No objections. Motion passed.

VI. INFORMATION ITEMS

A. Biosolids Update

Mr. Healy discussed the two large complex projects going on in our wastewater world. They are co-joined in ultimate purpose to improve our waste system and one is the

headworks project that is to improve screening capabilities at the Juneau-Douglas and Mendenhall Wastewater Treatment Facilities to make a better product to input into the two plants. Also, the dryer project, which has been previously discussed with the PWFC. It was mentioned that Engineering would like to schedule a walkthrough for this project as well as the Capital Transit bus wash project.

Ms. Sowa spoke on when the screens are installed at the Mendenhall plant that it is a retro fit and that we are trying to fit things into an existing building. These are pretty tall screens, and in order to be able to get the screens to fit we have to reroute a lot of influent piping. For a 10 day period we will be bypassing our fixed wastewater influent system by diverting it directly into the treatment basins. This will take place in April of 2018, which is a drier time of the year and there are lower flows, which helps the plant utilize the temporary system.

Mr. Jones stated that he would like to schedule a walkthrough of the mention facilities after January 1st.

Discussion ensued.

VII. CONTRACTS DIVISION ACTIVITY REPORT

None.

- VIII.** Mr. Jones, stated that at the last Assembly meeting we were referred Ordinance 2017-35 which is the Electric Vehicle Traffic Code. We also passed the Ordinance 2017-06T which is the second of the grants for Diesel Buses. We would like to discuss what would be the FY19 CIP implications if we were to talk about replacing one of the diesel busses with an electric bus, what would be the additional cost. He is making the PWFC aware of this because he would like a good discussion on the two ordinances and we could run over on time.

Ms. Elfers would like to wait to discuss the Ordinance 2017-35 until January 29th. She is still gathering information on this from several sources, and she will be out of town for a few weeks in January.

Mr. Jones would like anything that Ms. Elfers can provide on January 8th.

Ms. Weldon would like to bring back to the PWFC the FY19 to FY24 Sales Tax Project Funding Schedule. She noticed that the funding schedule did not match the priority schedule.

Mr. Jones stated that he will not be at the next Finance Committee meeting on December 13th. He asked Ms. Weldon to make the motion at the December 13th Finance Committee meeting to bring the FY19 to FY24 Sales Tax Project Funding Schedule back to the PWFC and we will review it on the January 8th meeting. Then it will go back to the Finance Committee.

ADJOURNMENT – The next meeting is January 8, 2018. Meeting adjourned at 12:32 PM.