I. Call to Order

PRESENT: Crowley, Thorne, Quick, Robbins, Gravatt
ABSENT: Nink, Reading, Hilton

II. Minutes Approval

1. Public Works Commission - Regular Meeting - Mar 6, 2019 4:00 PM

Commissioner Quick moved to approve minutes from the March 6th, 2019 meeting. Commissioner Robbins seconded and the motion carried unanimously

RESULT: ACCEPTED [UNANIMOUS]
MOVER: Renee Quick, Commissioner
SECONDER: Thomas Robbins, Commissioner
AYES: Crowley, Thorne, Quick, Robbins, Gravatt
ABSENT: Nink, Reading, Hilton

III. Agenda Items

1. FY 2020 Budget

Heather Buchanan, PW Support Systems Sr. Manager, reviewed the FY 2020 budget development process.

- Commissioner Crowley asked if the amount shown on the General Fund summary includes the FTE requests. Ms. Buchanan answered the additional amount for the FTEs is not included in the summary. If the request for the FTEs is approved by Council, the amount will be added to the budget.

- Commissioner Crowley asked what the geothermal project was that caused the Geothermal Fund projection to show a decrease in the fund balance. Ms. Buchanan explained a looping project in the west
end of the city caused the decrease in fund balance.

- Commissioner Crowley asked if the Water Renewal Fund budget includes the additional FTEs requested in the fund. Ms. Buchanan answered the summary for the Water Renewal Fund does include the three additional FTEs.

- Commissioner Quick asked if the Water Renewal Facilities (WRF) at West Boise and Lander Street will be able to accommodate anticipated growth in the city. Steve Burgos, Public Works Director, replied we are exploring options and more information will be presented in the Water Renewal Utility Planning Update later in the meeting.

- Commissioner Thorne asked if there is a process in place to review comparable roles in other cities when a new position is proposed. Ms. Buchanan answered Human Resources does a market analysis to determine wages for any proposed positions.

- Commissioner Robbins asked how the requested Environmental Compliance Technician position would differ from a comparable position with the Department of Environmental Quality or other regulatory agencies. Ms. Buchanan explained the city position would be monitoring environmental compliance on a local level and ensuring organizational compliance, not compliance of our IPDES permits or compliance within the community.

Commissioner Gravatt moved to approve the FY 2020 Public Works' proposed capital and operating budgets for the General, Water Renewal, Solid Waste, Geothermal and Municipal Irrigation Funds including the 5% rate increase for the Water Renewal Fund and asks staff to forward these recommendations to the City Council for inclusion and approval as part of the City's overall fiscal year 2020 budget.

Commissioner Thorne seconded the motion and the motion carried unanimously.
2. Renewable Energy Survey Results
Steve Hubble, Stormwater Environmental Coordinator briefed the Commission on Boise’s Energy Future plan. Councilmember Woodings added the City Council is supportive of the plan and goals, and commended Public Works on the work that’s been done.

- Commissioner Crowley asked if there is confusion from citizens who have participated in the community engagement activities as to the city’s goals and how we are dependent on different utilities for our sources of energy. He added that recently Idaho Power has adopted a public position of being a 100% clean energy utility by 2045 and they will be starting a utility scale solar project. Mr. Hubble answered the success of the plan is ultimately dependent on all segments of the community, and hopefully, we can find a way to align sequencing of the goals that have been set by both the City and Idaho Power.

RESULT: DISCUSSED

3. Water Renewal Utility Plan Update Investment Options 5-7
Michael Comeskey, Capital Improvement Program Manager, reviewed investment options 1-4 that were presented at the March meeting and briefed the Commission on options 5-7.

- Commissioner Crowley asked if potential future WRFs would stand alone or work in combination with existing facilities. Mr. Comeskey answered that the objective of an additional facility would be to keep the renewed water closer to its point of origin to be reused.

- Commissioner Gravatt asked how Option 7, Decentralized Management accounts for regions of industrial growth. Mr. Comeskey replied this option works with other options to provide a treatment facility in an industrial district that will treat used water coming from customers in that district and return that renewed water to customers in that same district for reuse.

- Commissioner Crowley offered information on technology using natural
gas as a source of clean energy to generate electricity. Mr. Burgos asked if he knows of any natural gas companies piloting projects using the technology. Commissioner Crowley answered no but that there is a strong fuel cell association in the United States performing research on the topic.

- Commissioner Robbins asked what research has been done to determine what the infiltration rate would be for the soil at proposed water bank locations to meet extraction demands. Mr. Comeskey answered we have done GIS analysis of the sites, and we estimate a gallon per square foot per day is the amount of infiltration that would be needed. More detailed analysis of any potential sites would be needed if the option is pursued any further.

- Commissioner Gravatt asked if Option 5, Local Food Production has only been discussed internally. Mr. Comeskey replied the advisory group will see the information soon and it will be one of the items on the survey at <https://www.livboise.org/initiatives/boises-water-future/> to go live April 5th. Information on the survey will go out to all customers in the April and May utility bills. Haley Falconer, Environmental Senior Manager, added the theme at the national conference for a wastewater professional association this year is the water food nexus. Mr. Comeskey added the emphasis of Option 5 is on food produced for human consumption. Commissioner Gravatt would like to see Option 5 considered in combination with Option 7, Decentralized Management to support neighborhood farms.

- Commissioner Thorne asked to have Colin Hickman, Communication Manager Public Works, brief the Commission on efforts to create common language around environmental issues.

RESULT: DISCUSSED

IV. Director's Reports

1. Billing Collection Status
2. Education Programs
3. General Fund Capital Projects
4. Geothermal Irrigation Projects
5. Water Renewal Fund Capital Projects
6. Water Renewal Regulatory
7. Materials Management Program
8. Stormwater Regulatory Program
9. Sustainability Air Quality Program

V. Adjournment

1. Motion to adjourn the Public Works Commission meeting

Commissioner Thorne moved to adjourn the meeting and Commissioner Quick seconded and the motion carried. The meeting adjourned at 5:58 p.m.

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<th>RESULT:</th>
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<tr>
<td>MOVER:</td>
<td>Judy Thorne, Commissioner</td>
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<td>SECONDER:</td>
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