

**NOTICE OF PUBLIC MEETING
CITY OF LAFAYETTE**

WATER RESOURCES COMMITTEE

DATE: Tuesday, March 12, 2019
TIME: 6:00 p.m.
PLACE: City Council Chambers, Lafayette City Hall, 486 Third Street

A G E N D A

- 1. CALL TO ORDER - Chris Harper, Chair**
- 2. FLAG SALUTE**
- 3. ROLL CALL**
- 4. Approval of Minutes: November 13, 2018**
- 5. Water Production and Consumption**
- 6. Projects Update**
- 7. Next Meeting**
- 8. Adjourn**

The meeting location is accessible. If you need an accommodation to attend or participate in the meeting, please notify City Hall at 503-864-2451 at least 24 hours in advance of the meeting. Thank you.

City of Lafayette
Water Resources Committee
November 13, 2018
Lafayette City Hall

1. **CALL TO ORDER:** Chairman Harper called the meeting to order at 6:05 p.m.
2. **FLAG SALUTE:** Chairman Harper led the flag salute.
3. **ROLL CALL:**
 - Present:** Chris Harper, Doug Cook, Richard Olson, and George Larsen.
 - Absent:** Todd Holt (excused)
 - Staff:** Preston Polasek, City Administrator and Konrad Dimmitt, Public Works Supervisor
 - Others:** Gordon Munro, City Engineer
4. **APPROVAL OF MINUTES:**

Doug Cook moved and Richard Olson seconded a motion to approve the minutes of the June 13, 2018 meeting of the WRC with one correction in the first paragraph on page 2, changing the word “much” to “excessive.” The motion passed (4-0).
5. **WATER PRODUCTION AND CONSUMPTION THRU OCTOBER:**

The committee discussed some the annual averages vs the three-year averages. Consumption dropped off in October, but the “loss” indicator went up. Konrad said he would provide on his monthly reports any loss due to operations such as from flushing. Last month he estimated using about 35k gallons to run flow tests in the downtown area.

Chairman Harper pointed out that the losses seem to follow seasonal trends. The accounting for loss after 2012 began to get whacky when we started ASR. New meters can be installed to determine where water losses may be occurring. Konrad will be reprogramming our Dayton meter, so we will be better able to compare with data we receive from the City of Dayton.

In terms of production, the flow of Bluebird Springs can be explained by wet/dry weather. Lafayette Springs, however, was down in 2017 and up in 2018 and this cannot be explained by precipitation. A project to rehabilitate Pringle Springs may be the next big project the City undertakes to increase watershed production. The City does not know when, if ever, the Pringle Springs box was rehabilitated. The transmission line from Pringle was recently replaced, but no work was done on the box or watershed field. The next watershed project, planned for next fiscal year, will be to upgrade the line between ASR and the reservoir. This project will also help to transmit Lafayette and Pringle springs production to the reservoir.

6. **PROJECTS UPDATE:**

After replacing the filter media in the City Park Well (CPW), production is higher than anticipated. The design and operations of the well were based on a production of up to 60 gpm. The production now is humming along at 75-85 gpm. Konrad also fixed the chlorine pump. Since the gpm is so high, it cannot be left unmonitored or it will draw down the aquifer too far. Pump tests show the

6. PROJECTS UPDATE (con.):

CPW can run unmonitored at 60 gpm maximum. Gordon suggested the City might one day look at installing a variable frequency drive and placing CPW on automated controls.

Gordon passed out an updated Figure 2 for our master plan showing the correct schematic for the watershed valve and metering system. He also discussed his technical memorandum on Bluebird Springs Flow Measurement, dated November 12, 2018. The memo also mentioned several of the steps the City has already taken to mitigate system "loss." Chairman Harper also mentioned other steps we have taken to minimize loss such as performing a leak assessment, acquiring leak detection equipment, and purchasing and rehabilitating a vacuum truck. The committee discussed the placement of the Bluebird Springs meter along with the other meters planned for replacement. Gordon will be folding all the following needs into one project for bid next spring: the two transmission line meters and vaults; chlorine booster station near Terry Park; the de-chlorinator and overflow assembly at the reservoir; and a new Bluebird Spring meter near well no. 10.

Polasek updated the committee on a new intertie project now being advanced by MWL. The original option of Loop Road would be abandoned in favor of an alignment along Hwy 18. The new intertie plan is better in many respects. It would be less costly, MWL might participate in the construction of this line, and other cities could use it for their distribution in the future. Our abandoned well site on Hwy 18 would be a great location for placement of our pump station and point of delivery for MWL water. The one downside with the new alignment is that it may take longer to get done, so our hope of having MWL for the summer of 2020 may be pushed back a year.

7. NEXT MEETING: Tentatively scheduled for March 12, 2019 at 6:00 pm.

8. ADJOURNMENT:

Doug Cook moved and Richard Olson seconded a motion to adjourn the meeting. The motion passed 4-0 and the meeting adjourned at 8:00 pm.

These WRC minutes for November 13, 2018 were approved on March 12, 2019.

CERTIFIED:

Chris Harper, Chair