

Lake Whatcom Water and Sewer District  
Regular Session of the Board of Commissioners  
July 26, 2017

Board President Laura Weide called the Regular Session to order at 8:00 a.m. Other District representatives present included Commissioners Todd Citron, Curtis Casey, Bruce R. Ford, and John Carter, General Manager Patrick Sorensen, District Engineer Bill Hunter, consulting engineer Melanie Mankamy, Recording Secretary Lyn Edwards and Rachael Hope. Staff members Kevin Cook, Rich Munson and Randy Craker were also present. There were no members of the public present.

- Consent Agenda

- Action Taken

- Casey moved, Ford seconded, approval of:

- Accounts Payable Vouchers totaling \$135,488.33
    - Payroll for Pay Period #15 (7/1/2017 through 7/14/2017) totaling \$40,211.30
    - Payroll Benefits for Pay Period #15 totaling \$44,807.31
    - Minutes for the July 12, 2017 Meeting

- Motion passed.

- Customer Request - Kuschnerreit

Sorensen explained that the Kuschnerreits' own an approximately 3 acre vacant residential parcel at 975 Kings View Lane located within the District's boundaries. The property is at least 1,000 feet from the nearest District infrastructure. Due to the *Hirst* decision, it is not feasible for the property to use well water at this time. The Kuschnerreits' have requested a permit from Whatcom County to use a rainwater catchment system and need a denial of service letter from the District to proceed. In their letter, the Kuschnerreits' state that it would be a financial burden for them to connect and therefore do not want to sign a covenant binding their property to future water/sewer service. Discussion followed.

- Action Taken

- Citron moved, Carter seconded, to deny the request for a waiver from signing a Covenant binding their property for future water/sewer service. Motion passed.

- Country Club Sewage Pump Station – Staff Recommendation

Hunter stated that at the July 12<sup>th</sup> meeting BHC and Geo Engineers presented four alternative designs for replacement of the Country Club Sewer Pump Station. Staff was directed to evaluate the alternatives and make a recommendation. Based on information gathered and evaluated to date, staff's recommendation is to pursue Alternate 3 – Horizontal Direction Drilling (HDD); install a gravity pipe and eliminate the pump station contingent on results from a soil hydraulic fracturing analysis using soil sample data collected from recent boring test pits.

Geo Engineers can estimate drilling fluid pressures that the soil profile is likely to handle before developing a fracture to the surface. A factor of safety can be estimated to better understand and evaluate the risk of hydraulic fracture. The analysis is also a valuable piece of information to use during construction. Staff has a high confidence level that the HDD method will be able to install a gravity pipe at a slope sufficient to maintain self-cleaning wastewater flow velocities. The risks can be substantially minimized and managed by performing several more exploratory test borings and completing the soil hydraulic fracturing analysis.

Staff recommends authorizing an amendment to the engineering agreement to complete a soil hydraulic fracturing analysis. Concurrently, BHC and staff will begin working on a scope of work

and fee estimate for the next phase of the project to present to the Board of Commissioners for approval along with the results of the soil hydraulic fracturing analysis. Discussion followed.

**Action Taken**

**Citron moved, Ford seconded, to authorize staff to amend the engineering agreement with BHC to have their sub consultant, Geo Engineers, proceed with the soil hydraulic fracturing analysis for time and materials not to exceed \$3,000.00 and to authorize staff to begin scope of work and fee negotiations with BHC for the next phase of work for Alternate 3 – Horizontal Directional Drilling. Motion passed.**

• **Summary of Existing District Projects**

Hunter gave a status report on the Division 22 Reservoir project. Water Treatment Plant Operator Kevin Cook showed slides of schematics and charts illustrating water treatment plant capacity versus demand. Discussion and a question and answer period followed.

• **Manager's Report**

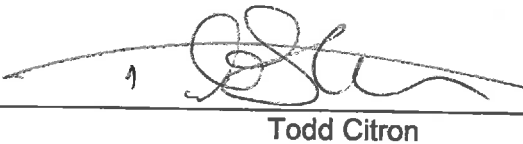
Sorensen reminded the Board about upcoming events and agenda items for future meetings.

With no further business, Weide adjourned the Regular Session at 9:18 a.m.

  
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Recording Secretary, Rachael Hope

8/9/2017  
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Date Minutes Approved

  
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Laura Weide

  
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Todd Citron

  
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Bruce R. Ford

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Curtis J. Casey

  
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John Carter