

**CLACKAMAS RIVER WATER BOARD OF COMMISSIONERS  
SPECIAL BOARD MEETING AND WORK SESSION  
May 20, 2019**

**COMMISSIONERS PRESENT:**

Hugh Kalani, President  
Sherry French Secretary  
Naomi Angier, Treasurer  
Rusty Garrison  
David McNeel

**STAFF PRESENT:**

Todd Heidgerken, General Manager  
Karin Holzgang, Executive Assistant to the Board

CRW Employees: Chief Engineer, Adam Bjornstedt; Engineering Manager, Joe Eskew; IT Manager, Kham Keobounnam; Emergency Manager, Donn Bunyard

**COMMISSIONERS ABSENT: 0**

**VISITORS:** Bob Steringer (Legal Counsel), Chris Hawes, Gary Kerr, Ernie Platt

**Call Special Meeting to Order**

Commissioner Kalani called the meeting to order at 6:00 pm. The pledge of allegiance was recited.

**MOTION:** Commissioner Angier move to approve the agenda as presented. Commissioner Garrison seconded the motion

**MOTION CARRIED 5-0**

**Ayes:** Angier, French, Kalani, Garrison, McNeel

**Nays:** None

**Abstentions:** None

**Agenda Item 1.0 Consider Approval of the Water System Master Plan for the Clackamas River Water's North and South Water Systems**

**MOTION:** Commissioner Angier move that the Board approve the Water System Master Plan for the Clackamas River Water's North and South Water Systems, as completed and dated April 2019. Commissioner Garrison seconded the motion.

Mr. Bjornstedt provided an overview and background on the history of the process to complete the Water System Master plan and the milestones in getting to the final draft for approval by the Board. Once the Board approves the plan staff will be posting the plan on the website.

The Oregon Health Authority requires and stipulates what goes into a Master Plan. The state views CRW as two systems, a North and a South system so currently there are two plans.

What does the completed master plan do?

- It looks at past studies concerning the water system
- Developed an inventory of CRW's existing water system and infrastructure
- Developed demographic and demand analysis
- Verified the CRW polices and criteria to comply with OHA standards
- Evaluated current and future water resources to identify water supply improvements and potential deficiencies
- Evaluated existing distribution system
- Developed seismic resiliency plans
- Developed a capital improvement program recommendation

Policies and Criteria

- Service area policies
- Supply policies
- System analysis planning criteria
- Seismic Criteria
- Updated and calibrated hydraulic model used to confirm system capacity

System Analysis Assumptions

- Planning Year 2019- 4mgd for wholesale; Phase 1 Backbone complete
- Planning Year 2028- 10mgd for wholesale; Phases 1 & 2 complete
- Planning Year 2038- 10mgd for wholesale; Phases 1 & 2 complete

Water System Master Plan Capital Improvement plan

- Short Term (2019-2028) Projects already started/committed and high priority projects
  - ✓ Improvement projects necessary for operation of Backbone and providing 4 mgd wholesale water
  - ✓ High priority repair and replacement
- Long Term (2029-2038) Other long-term projects
  - ✓ Fire flow projects
  - ✓ Capacity projects
  - ✓ Continued repair and replacement

The Plan establishes CIP projects categories

- General – facility planning, including Water Treatment Plant, Seismic, updates to the Water Master Plan
- Programmatic- repair/replacement, seismic projects
- Backbone- Backbone phases
- Distribution system- low pressure, high velocity and fire flow improvements
- Pressure Zone- improves/creates specific pressure zones
- Pump station – capacity improvements and condition analysis for pump stations
- Storage- Condition analysis and seismic valving for reservoirs

Capital Improvement Plan

- North System costs- total \$160.4 million
  - ✓ Distribution pipeline 20.4%
  - ✓ Pump stations 2.4%
  - ✓ Storage 1.4%
  - ✓ Pressure Zone 0%
  - ✓ Programmatic 75.4%
  - ✓ General .4%

- South System Costs- Total \$174.4 million
  - ✓ Backbone 16.7%
  - ✓ Distribution System 38.3%
  - ✓ Pump Station .3%
  - ✓ Storage 3.4%
  - ✓ Pressure Zone 1.1%
  - ✓ Programmatic 39.8%
  - ✓ General .4%

Commissioner Angier asked if OHA had any comments of substance to make change and the only changes were minor and typographical in nature and not substantive.

Commissioner Garrison asked about seismic protection during an event for reservoirs, the current new reservoirs have seismic valves that will close the piping off to prevent a drain out of the reservoir. The new reservoirs have this valve.

Commissioner McNeel asked Mr. Steringer about whether approving the plan would bind this Board or future boards to address fire flows immediately in those areas that were identified in the plan as a risk. Mr. Steringer suggested that adopting the plan was a good faith effort and that the district would have risk but that identifying the issues then the district can be moving towards remedying the issues. Having a coordination with the Fire District and working together is a positive effort and adopting the plan does not create more liability for the district.

Commissioner McNeel has concerns that adopting the plan identified needs that the district cannot pay for and asked how the projects could be paid for. Concerned that ratepayers and not aware of the magnitude of the projects identified and the costs associated with those. Mr. Bjornstedt said that the plan being on the website will allow ratepayers the opportunity to see the plan first hand.

**Public Comment:** Gary Kerr, ratepayer and budget committee member. Grateful that the staff did the primary work on the plan rather than just leaving the development of the plan to the consultant. Concerned that since this is the first plan in 20 years and will identify long term plans – 1<sup>st</sup> problem is the rate model, he doesn't feel the rate plan will sustain the projects – 2<sup>nd</sup> problem the Beaver Creek concept plan and how the growth of Oregon City will impact the customer base of CRW. Suggested that CRW needs to watch the annexations and be in coordination with Oregon City. He is more comfortable with this plan than any of the other plans that have been compiled

**MOTION CARRIED 5-0**

**Ayes:** Angier, French, Garrison, Kalani, McNeel

**Nays:**

**Abstentions:** None

**Agenda Item 2.0 Easement Acquisition: Consider approval of a waterline easement granted by North Clackamas School District at the site of Alder Creek Middle School, on TL 700, Map 2S 2E 5CB, for a new meter installation.**

**MOTION:** Commissioner Angier move that the Board accept the easement at Alder Creek Middle School on TL 700, Map 2S 2E 5CB, in the amount of \$0.00 and authorize the General Manager to sign the easement document. Commissioner French seconded the motion.

Mr. Eskew provided background to the project. This project has been on this list of capital improvements from the BN. When the middle school began their remodel project it was determined that the meter to the school was old, not functioning correctly and the parts and no longer available. The contractor for the school placed a new backflow devise in the same location CRW would want to put the new meter and so the district coordinated with the placement of the meter on the districts property so as not to have issue in the future if there are improvements to the roadway that would require the district to move the meter because of any improvements.

**MOTION CARRIED 5-0**

**Ayes:** Angier, French, Garrison, Kalani, McNeel  
**Nays:**  
**Abstentions:** None

**Special Meeting Adjourned at 6:55pm**

**Call Work Session to Order**

Commissioner Kalani called the work session to order at 6:55pm

1. **Clackamas River Water Providers (CRWP) Summer Conservation Messaging-** Mr. Heidgerken (Dr. DeLorenzo prepared the presentation for but was unable to be at the meeting)
  - ✓ Summer flows- the flows on the Clackamas river historically vary by season peaks in winter and lowest in summer
  - ✓ Flow targets- some water providers have conditions on their water right permit extensions to meet fish flows in the river. However CRW does not have these restrictions on the certificated water rights the district has but does have flow triggers
  - ✓ CRW climate related curtailment stages and triggers
    - 1** –forecasts of below normal summer stream flows
    - 2**- declaration of drought by Governor; continuation of hot dry weather predicted; declining river levels

- 3-** Continuation of hot dry weather predicted <510 cfs July 1- Sept 15 and <750 Sept. 15-June 30
- 4-** Severe drought conditions- <510 cfs July 1- Sept 15; <730 cfs Sept. 16-June 30 and impacting instream water rights.
- ✓ Fish migration patterns
  - Curtailment triggers coincide peak with migration patterns during periods of lowest river flows
  - Historically the river's lowest flows occur during the peak migration for Coho and Fall Chinook

The Clackamas River Water Providers as a group have developed a collective campaign for all of the providers in the consortium to coordinate the message.

- Aimed at changing long term behavior within the Clackamas River Basin regarding water use
- Emphasizes environmental responsibility rather than cost savings
- Ensures that all water providers are promoting smart water use across their customer base regardless of flow targets, curtailment triggers, or drought declaration

The Board was presented with the campaign information to provide their feedback on the materials that could be used this season.

Commissioner Garrison feels the graphics on the materials are clear of what to do but not the timeframe that is desired for the efforts due to the small type size of the dates. Commissioner McNeel suggested that providing as much information as possible improves the statistics of getting ratepayers to listen

## **2. Commissioner Communications**

- Commissioner Garrison reminded that the GM review was tabled and needed to be back on the agenda. Commissioner French said the GM review will be at the June Board meeting

## **3. General Manager Update**

- There will be an Executive session
- Todd will be out of the office on June 7 and then out for the AWWA conference

## **Public Comment:**

The CRW Board of Commissioners is convening an Executive Session to:

1. Discuss information or records that are exempt by law from public inspection pursuant to ORS 192.660 (2) (f) and 192.355 (9)
2. Conduct deliberations with persons designated by the governing body to carry on labor negotiations ORS 192.660 (2) (d)

3. Review and evaluate the employment-related performance of the chief executive officer of any public body, a public officer, employee or staff member who does not request an open hearing pursuant to ORS 192.660 (2) (i)

Open meeting is adjourned at **7:20pm**