



## Beaver Creek Water Advisory Committee Meeting

Monday, September 27, 2021

Via Zoom Video Conferencing

2:00 pm

### Regular Agenda

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Watch the meeting live at <https://www.acrd.bc.ca/events/27-9-2021/>

Register to participate via Zoom Webinar at:

[https://portalberni.zoom.us/webinar/register/WN\\_3MnwgHRXRoSt-xe4luFdxg](https://portalberni.zoom.us/webinar/register/WN_3MnwgHRXRoSt-xe4luFdxg)

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|--|---------------|
| <b>1. <u>CALL TO ORDER</u></b>   |               |
| <b>Recognition of Territories.</b>   |               |
| Notice to attendees and delegates that this meeting is being recorded and livestreamed to YouTube on the Regional District Website.  |               |
| <b>2. <u>APPROVAL OF AGENDA</u></b>  |               |
| <i>(motion to approve, including late items requires 2/3 majority vote)</i>  |               |
| <b>3. <u>MINUTES</u></b>   |               |
| a. Beaver Creek Water Advisory Committee Meeting held May 20, 2021   | <b>3-5</b>    |
| <i>THAT the minutes of the Beaver Creek Water Advisory Committee meeting held on May 20, 2021 be received.</i>   |               |
| <b>4. <u>REQUEST FOR DECISIONS</u></b>   |               |
| a. <b>REQUEST FOR DECISION</b>   |               |
| Beaver Creek Water System – Georgia Road Watermain Abandonment   | <b>6-7</b>    |
| <i>THAT the Beaver Creek Water Advisory Committee recommend that the Alberni-Clayoquot Regional District Board of Directors approve a financial plan amendment to allocate \$185,000 in 2021 for the completion of the Georgia Road watermain abandonment project.</i> |               |





# Alberni-Clayoquot Regional District

## MINUTES OF THE BEAVER CREEK WATER ADVISORY COMMITTEE MEETING HELD ON THURSDAY, MAY 20, 2021, 1:00 PM

Due to COVID-19 pandemic, meeting conducted via Zoom video/phone conferencing

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**MEMBERS** John McNabb, Chairperson, Director, Electoral Area "E" (Beaver Creek)

**PRESENT:** Pam Craig  
Gord Blakey  
Harold Carlson  
Mike Kobus  
Kevin Gaudet

**STAFF PRESENT:** Jenny Brunn, General Manager of Community Services  
Eddie Kunderman, Operations Manager  
Matt McLeod, Leadhand Maintenance Technician

The meeting can be viewed on the Alberni-Clayoquot Regional District website at <https://www.acrd.bc.ca/events/20-5-2021/>

### 1. **CALL TO ORDER**

The Chairperson called the meeting to order at 1:00 pm.

The Chairperson recognized the meeting this afternoon is being held throughout the Nuu-chah-nulth territories.

The Chairperson reported this meeting is being recorded and livestreamed to YouTube on the Regional District website.

### 2. **APPROVAL OF AGENDA**

*MOVED:* P. Craig  
*SECONDED:* H. Carlson

*THAT the agenda be approved as circulated with the addition of late items as outlined for consideration.*

**CARRIED**

### 3. **MINUTES**

a. **Beaver Creek Water Advisory Committee Meeting held November 18, 2020**

*MOVED:* H. Carlson  
*SECONDED:* P. Craig

*THAT the minutes of the Beaver Creek Water Advisory Committee Meeting held on November 18, 2020 be received.*

**CARRIED**

**4. REQUEST FOR DECISIONS**

**a. Request for Decision regarding Beaver Creek Water Advisory Committee Terms of Reference & Bylaw Update, 2021**

*MOVED: P. Craig*

*SECONDED: H. Carlson*

*THAT the Beaver Creek Water Advisory Committee recommend that the Alberni-Clayoquot Regional District Board of Directors give three readings and adoption to Bylaw A1079-1, Beaver Creek Water Advisory Committee Amendment, 2021 and approve the revised Committee Terms of Reference.*

**CARRIED**

**b. Request for Decision regarding Beaver Creek Water System Annual Report**

*MOVED: P. Craig*

*SECONDED: G. Blakey*

*THAT the Beaver Creek Water Advisory Committee receive the 2020 Beaver Creek Water System Annual Report.*

**CARRIED**

*MOVED: P. Craig*

*SECONDED: G. Blakey*

*THAT the Beaver Creek Water Advisory Committee recommend that the ACRD Board of Directors increase water rates to \$57 per month in the Beaver Creek Water System effective July 1, 2021.*

**CARRIED**

**5. QUESTION PERIOD**

Questions/Comments from the public. The General Manager of Community Services advised there were no questions or comments from the public respecting an agenda topic from Zoom webinar attendees or submissions received by email at [responses@acrd.bc.ca](mailto:responses@acrd.bc.ca).

6. **ADJOURN**

*MOVED: H. Carlson*

*SECONDED: P. Craig*

*THAT this meeting be adjourned at (time).*

**CARRIED**

Certified Correct:



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John McNabb,  
Chairperson



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Wendy Thomson,  
General Manager of Administrative Services



## REQUEST FOR DECISION

**To:** Beaver Creek Water Advisory Committee  
**From:** Jenny Brunn, General Manager of Community Services  
**Meeting Date:** September 27, 2020  
**Subject:** Beaver Creek Water System – Georgia Road Watermain Abandonment

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### **Recommendation:**

***THAT the Beaver Creek Water Advisory Committee recommend that the Alberni-Clayoquot Regional District Board of Directors approve a financial plan amendment to allocate \$185,000 in 2021 for the completion of the Georgia Road watermain abandonment project.***

### **Desired Outcome:**

To transfer the existing services on the 750 meter section of Georgia Road watermain to the parallel City of Port Alberni watermain and abandon the failing watermain in the Beaver Creek Water System (BCWS).

### **Summary:**

The 750 meter section of watermain along Georgia Road from Falls to Saunders Road has been identified as a high priority for replacement due to its age, material type and condition. This main has experienced 2 major breaks recently, with the last in June of 2021, and more anticipated as the main continues to age. Unfortunately, staff were unsuccessful with a recent grant application to fund this replacement project. The current capital reserve does not have adequate funds to complete this project until at least 2024 and further emergency repairs are anticipated before it is replaced. To replace the section of watermain along Georgia Road is estimated to cost \$750,000.

This section of watermain is in a unique location along the water service boundary where the City of Port Alberni (CPA) has a parallel watermain. There are 14 services in the BCWS that are provided water along this section. A similar section of failing watermain along Compton Road was recently addressed by transferring services and hydrants over to the City watermain so that the BCWS could abandon this section of failing watermain, resulting in a cost savings of approximately \$220,000.

Staff from the ACRD and City have discussed and developed an option for transferring the services along Georgia Road to the parallel City watermain. This alternative solution would reduce capital costs, eliminate infrastructure redundancy, and remove a dead-end which improves water quality and reduces flushing requirements.

### **Time Requirements – Staff & Elected Officials:**

There will be staff time required to coordinate with city crews during the construction project, to set-up the billing and administration for the properties.

### **Financial:**

The estimated total cost for transferring these services and abandoning the existing main is \$185,000. This is based on the actual cost of labour, equipment and materials as well as a capital cost charge to cover a portion of the remaining life of the original installation costs for their existing watermain and a small contingency. This is a significant cost savings

compared to replacing the main and would eliminate the requirement for looping on Saunders (additional estimated cost is \$240,000) for the BCWS with further savings on emergency repair costs. There is approximately \$570,000 remaining in the capital reserve in 2021 that is available to complete this project.

The services will have new meters installed by the City that will be compatible to be read by both the City and BCWS meter reading systems. The City will read the meters at these properties and bill the BCWS at the residential rate of consumption as per the current Beaver Creek Water Agreement. This is a slightly higher rate than the bulk water rate for water entering the main connection point at Strick Road. This higher rate is appropriate as the City will be responsible for the cost to maintain these service connections and the water main that they are attached to. These properties will continue to be billed by the ACRD for their consumption as per the Beaver Creek water bylaw rates and will not perceive any difference to their current situation.

**Strategic Plan Implications:**

This project supports the 2021 - 2024 Strategic Plan initiative 3.1 to ensure sustainable capital reserve balances for services.

**Policy or Legislation:**

The current Beaver Creek Water Agreement provides language to address properties within the BCWS service area that are directly fed by CPA water mains. Therefore, no amendments are required to this agreement.

Submitted by:   
Jenny Brunn, General Manager of Community Services

Approved by:   
Teri Fong, CPA, CGA, Acting Chief Administrative Officer



## REQUEST FOR DECISION

**To:** Beaver Creek Water Advisory Committee

**From:** Eddie Kunderman, Operations Manager

**Meeting Date:** September 27, 2021

**Subject:** Financial Plan Amendment

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### Recommendation:

***THAT the Beaver Creek Water Advisory Committee recommends that the Alberni-Clayoquot Regional District Board of Directors approve a 2021 Financial Plan Amendment, moving \$30,000 from the Capital Development Fund to the Motor Vehicle Replacement Fund.***

### Desired Outcome:

To purchase a third vehicle for the Beaver Creek Water System (BCWS) that will adequately address operational requirements, including the necessity for a lift gate as recommended by the Alberni-Clayoquot Regional District Joint Occupational Health and Safety Committee (JOHSC).

### Summary:

The BCWS lacks adequate capacity and lifting capabilities within their current three-vehicle fleet. The lack of a hydraulic tailgate/lift gate has led to injuries on the job for the water operators. They currently perform a lot of heavy lifting when loading items into the trucks, and need a better way to perform this task. The JOHSC supported the idea of a vehicle replacement as a means to prevent future injuries as our workforce ages. A lift gate cannot be installed on the newest truck in the fleet, as it is installed with a dump box. The 2009 F250 is installed with a utility box, and would not be able to support a hydraulic lift gate. The third vehicle in the system is a 2011 Ford Ranger, which has little value to the system. It is not large enough to support the needs of the system, and BCWS would be more efficient with the replacement of the 2011 Ford Ranger with a new vehicle.

Replacing the Ford Ranger with a newer 1 ton truck that mirrors the vehicle purchased last year would both alleviate the aforementioned safety concern and ensure that all the vehicles within the BCWS could service multiple purposes and maximize efficiency. It would also allow for more flexibility for the other tasks the BCWS staff undertake for the ACRD, such as landfill sampling and monitoring of the West Coast water systems.

The new vehicle, with an installed hydraulic lift gate will serve multiple uses operationally that the Ford Ranger is unable to. It will also lead to increased efficiency within the system, lead to improved fuel efficiency and most importantly, improve the health and safety of our workers, which are our most valuable entity.

**Time Requirements – Staff & Elected Officials:**

There will be some staff time required for the purchasing of the vehicle.

**Financial:**

There is currently \$21,192.79 in the BCWS Motor Vehicle Replacement fund. Moving \$30,000 from the Capital Development Fund to the Motor Vehicle Replacement Fund will allow for sufficient funds for the purchase of the new vehicle, and installation of the hydraulic lift. The 2011 Ford Ranger will be transitioned to the Long Beach Airport service, replacing the 2007 Ford Ranger, which is due for replacement.

Submitted by:   
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Eddie Kunderman, Operations Manager

Reviewed by:   
\_\_\_\_\_  
Jenny Brunn, General Manager of Community Services

Approved by:   
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Teri Fong, CPA, CGA, Acting Chief Administrative Officer



## REPORT FOR INFORMATION

**To:** Beaver Creek Water Advisory Committee

**From:** Eddie Kunderman, Operations Manager

**Meeting Date:** September 27, 2021

**Subject:** Water System Reclassification – Environmental Operators Certificate Program

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### Recommendation:

***THAT the Beaver Creek Water Advisory Committee receive this report for information.***

### Summary:

The Province of British Columbia's Drinking Water Protection Act and Regulation prescribes the required performance of drinking water suppliers. As part of the regulations, water systems are required to have a chief operator qualified by the Environmental Operators Certification Program (EOCP) at the same classification level as the system. The EOCP classifies water systems from a Level 1 to a Level 4 with the Level 4 being the highest and most complex. The Beaver Creek Water System (BCWS) is currently classified as a Level 2 and has 2 Level 2 certified Operators.

The EOCP requires water systems to reclassify every 5 years. The reclassification process provides points for different aspects of the water system. Some of the questions include the number of pump houses, reservoirs, disinfection types and number of disinfection locations. The BCWS has recently undergone a reclassification and will remain as a Level 2 Water System, until August 19, 2026.

However, in this past classification process the BCWS was on the brink of being reclassified as a Level 3 system. If this occurred, we would need to ensure that we had water operators with the corresponding Level 3 ticket. Obtaining a level 3 operator ticket requires a combination of years of experience and responsibility, as well as education credits. The EOCP recently changed their classification form in 2018. All facility forms were revised, and there is now more emphasis on the number of reservoirs, pump stations and the labour force.

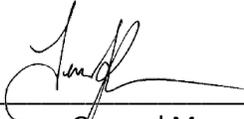
Future improvements and growth in the water system will lead to the Beaver Creek Water System scoring more points when reclassification takes place in 2026. New proposed subdivisions that may require an additional pump house to provide adequate water pressure would put us above the threshold to remain as a Level 2 system, as the margin between a Level 2 and Level 3 system is extremely slim.

The purpose of this report is to notify the committee that the BCWS will begin planning for the possible requirement of an increase in our water operator's tickets in 2026. A level 3 water operator needs 4 years (minimum 7,200 hours) at a Level 2 or higher facility/system, 2 years of directly applicable post-secondary education or 90 continuing education units (CEU) and 2 years Direct Responsible Charge at a Class 2 or higher facility. No approval is required for this proposal.

### Policy or Legislation:

The Province of British Columbia's Drinking Water Protection Act and Health Canada's Canadian Drinking Water Guidelines.

Submitted by:   
Eddie Kunderman, Operations Manager

Reviewed by:   
Jenny Brunn, General Manager of Community Services

Approved by:   
Teri Fong, CPA, CGA, Acting Chief Administrative Officer