

Minutes of the meeting of the Comox Valley Water Management Advisory Committee held on September 9, 2021 in the CVRD Civic Room at 770 Harmston Avenue, Courtenay, and via Zoom conference commencing at 3:59 pm

**PRESENT:**

Via Zoom	K. Shaw, Director of Public Works	City of Courtenay
Via Zoom	J. Wall, Chief Administrative Officer	Town of Comox
Via Zoom	S. Ashfield, Director of Operations	Town of Comox
Via Zoom	C. Perry, Public Works Superintendent	Town of Comox
Via Zoom	M. Rutten, General Manager of Engineering Services	CVRD
Via Zoom	K. La Rose, Senior Manager of Water/Wastewater Services	CVRD
Via Zoom	C. Gore, Manager of Capital Projects	CVRD
Via Zoom	M. Herschmiller, Manager of Water Services	CVRD
Via Zoom	J. Warren, Deputy Chief Administrative Officer	CVRD
Via Zoom	C. Wile, Manager of External Relations	CVRD
In-Person	M. Briggs, Branch Assistant – Engineering Services/Recording Secretary	CVRD

**ITEMS:**

**Management Report**

The committee reviewed the September 2021 Comox Valley Water Management Advisory Committee management report and CVRD staff commented that items could likely be removed or closed out.

**Minutes**

The committee reviewed the minutes of the July 29, 2021 Water Management Advisory Committee and no errors or omissions were noted.

**Draft Staff Report: Comox Lake Turbidity Model**

K. La Rose provided an overview of the Comox Lake Turbidity Model staff report, explaining how Perseverance Creek contributes the vast majority of particulates in Comox Lake during turbidity events. Model suggests that turbidity at new intake may be two to four times as great as it would have been at proposed deep water intake, but well below the level able to be handled by the new water treatment plant. Staff to take samples at the new intake and former proposed deep water intake sites to better understand difference in turbidity at both locations.

Advisory comments:

Town of Comox staff asked if there was a cost analysis for changing to the deep water intake. CVRD staff do not have exact number on hand, but estimate that it was around \$3 million more to extend the water intake. More information can be provided at next Water Committee meeting.

City of Courtenay staff asked if sustained turbidity was considered in a cost analysis. Staff clarified that even if turbidity was two to four times higher at new intake location, it is not expected to have major difference on water quality. Likely that turbidity at both locations will not be different for 99 per cent of the year.

Town of Comox staff enquired if water temperature would be impacted, since they had received calls from residents about warm water. Staff expect it was due to the lake's temperature being higher than normal and that it would be even warmer if system was still drawing from the Puntledge River.

### **Comox Valley Water Supply System Consumption Report**

The committee reviewed the June 2021 water supply consumption report. CVRD staff stated that magnetic flow meters are to be installed near end of the CVWTP's 30-day performance test.

J. Wall left the meeting at 4:15 pm.

### **Development Cost Charges and Capital Improvement Cost Charges Revenue at August 23, 2021**

The committee reviewed the Development Cost Charges and Capital Improvement Cost Charges Revenue at August 23, 2021. There were no comments or questions from the advisory committee.

### **Municipal Service/Project Updates**

No updates were provided.

### **NEW BUSINESS:**

None.

### **GENERAL:**

The next Water Management Advisory Committee meeting will be held on September 23, 2021 commencing at 9:00 am in the CVRD Civic Room at 770 Harmston Avenue, Courtenay and via Zoom conference.

### **TERMINATION:**

The meeting terminated at 4:16 pm.

Recorded by:

***M. Briggs***

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Michael Briggs  
Branch Assistant – Engineering  
Services/Recording Secretary

Certified correct:

***M. Rutten***

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Marc Rutten, P.Eng.  
General Manager of Engineering Services