



# REGIONAL DISTRICT OF NORTH OKANAGAN

MINUTES of a **REGULAR** meeting of the **GREATER VERNON WATER 2012 MASTER WATER PLAN STAKEHOLDER ADVISORY COMMITTEE** of the **REGIONAL DISTRICT OF NORTH OKANAGAN** held in the Boardroom at the Regional District Office on Thursday, December 17, 2015.

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<b>Members:</b>	Alternate Director J. Garlick	District of Coldstream	Chair
	Director J. Cunningham	City of Vernon	Vice Chair
	M. Asif	Agricultural Representative	
	D. Bodenham	Residential Representative	
	M. Carlson	Residential Representative	
	D. Etherington	Sleeman Breweries Representative	
	R. Foisy	Residential Representative	
	D. Frost	Vernon Jubilee Hospital Representative	
	D. Gibbs	Tekmar Control Systems Representative	
	M. Hubbs-Michiel	Residential Representative	
	J. Lainsbury	Residential Representative	
	C. Laursen	Vernon Atrium Hotel & Conference Centre Representative	
	T. Mooney	Citizens for Changes to the Master Water Plan Representative	
	D. Neden	Residential Representative	
	J. Westby	School District # 22 Representative	
	P. Williamson	Residential Representative	
	M. Witt	Agricultural Representative	
<b>Staff:</b>	D. McTaggart	General Manager, Engineering	
	Z. Marcolin	Manager, Greater Vernon Water	
	S. Banmen	General Manager, Finance	
	C. Reardon	Clerk, Engineering	
<b>Also Present:</b>	M. Baker	District of Coldstream, Director of Engineering	
	K. Flick	City of Vernon, Director of Community Development, Engineering & GIS	
	Councillor G. Kiss	District of Coldstream	
	Brent deWynter	AECOM	
	Media and Public		

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## CALL MEETING TO ORDER

The meeting was called to order at 8:00 a.m.

## **APPROVAL OF AGENDA**

### **Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee – December 17, 2015**

Moved and seconded by Representatives Laursen and Williamson

That the Agenda of the December 17, 2015 Greater Vernon Advisory Committee meeting be approved as presented.

**CARRIED**

## **ADOPTION OF MINUTES**

### **Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee – December 3, 2015**

Moved and seconded by Representatives Witt and Foisy

That the minutes of the December 3, 2015 Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee meeting be adopted as circulated.

**CARRIED**

## **NEW BUSINESS**

### **Review of Technical Memorandum No. 9 – System Separation Option Analysis**

Brett deWynter, P. Eng., AECOM, opened the presentation of Technical Memorandum No. 9, System Separation Option Analysis with an overview of the Greater Vernon Water (GVW) Utility Master Water Plan Update , December 17, 2015 Option Review.

Brett opened his presentation with a process diagram of the Duteau Creek Water Treatment Plant Dissolved Air Flotation (DAF) and explained how it worked. He discussed the City of Kelowna's Integrated Water Supply System from Okanagan Lake and two other Okanagan utilities, operated by the City of Penticton and the City of West Kelowna.

Technical Memorandum No. 9, System Separation Option Analysis was reviewed:

- A summary of the non-cost considerations and associated weighting factors was provided. The letter dated April 15, 2013 from Mike Stamhuis, former Chief Administrative Office of the District of Coldstream was reviewed. Discussion ensure about how Mr. Stamhuis concerns reflected the priorities of his role as CAO and how different personal had different weighting of the non-cost considerations based on their role at GVW. For example, emergency response is given a much higher weighting by operational staff than governance, which is a very low priority low from an operation perspective.
- Groundwater Domestic Supply was assessed, Point of Entry (POE), Point of Use (POU) and Community Water Systems liability, safety and operating costs of these systems were reviewed.
- Water Source Assumptions, Key Assumptions, Water Demand and Water Quality Assumptions were examined with a discussion on a combination of options to make a new option. The Committee was reminded that the objective of a MWP was to provide the big picture recommendation and the specific details of each recommendation are then sorted out during the pre design and design stages.
- The 2012 Master Water Plan Options 1 through 9 were then reviewed. Each option varies in water supply source, treatment location, complete/partial/no system separation, new

infrastructure, building new and/or decommissioning of existing facilities. Operating costs, water quality of sources, water licencing and transferring of water licences were discussed. A summary was provided of the nine (9) long term options along with the estimated operations & maintenance over 50 years and capital costs was provided for each.

### 2012 Master Water Plan Questions and Answers

The Chair asked the Committee if there were any comments regarding the “Stakeholder Advisory Committee Questions 4” document that included questions that were raised during the December 3, 2015 Committee meeting and sent in by email and corresponding answers.

Clarification was provided for “Question and Answer No. 14 – What are the current operating costs of the DCWTP and MHWTP? “

Answer: The table provided for Question 14 is the most accurate estimates we have for total treatment cost and total volume of water treated at the two GVW treatment plants. The costs reported in the 2011 GVW Annual Report were inaccurate because all staffing, some operational costs for other facilities and treatment administration costs were accounted for in the DCWTP budget in the first year of operations. It was noted that this was inaccurate accounting that over estimated the cost attributed to DCWTP and was rectified in following years with better accounting procedures and a better estimate of treatment costs of each treatment facility.

The Committee was advised to review the non-cost considerations for small group discussions to be completed in January. So as not to extend the MWP SAC review period, the Chair confirmed with the Committee that an additional meeting in January would be scheduled to complete the non-cost consideration review. Review of Technical Memorandums No. 8 and 10 would continue as scheduled on January 21, 2016. The Committee was advised that they would be emailed with the information of an additional scheduled date subject to availability of meeting rooms.

### ADJOURNMENT

There being no further business, the meeting was adjourned at 10:43 a.m.

### CERTIFIED CORRECT

  
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Chair  
Jim Garlick

  
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General Manager, Engineering  
Dale McTaggart