



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, January 21, 2016.

Members:	Alternate Director J. Garlick Director J. Cunningham M. Asif D. Bodenham M. Carlson R. Foisy D. Frost D. Gibbs M. Hubbs-Michiel J. Lainsbury T. Mooney J. Westby P Williamson M. Witt	District of Coldstream City of Vernon Agricultural Representative Residential Representative Residential Representative Residential Representative Vernon Jubilee Hospital Representative Tekmar Control Systems Representative Residential Representative Residential Representative Citizens for Changes to the Master Water Plan Representative School District 22 Representative Residential Representative Agricultural Representative	Chair Vice Chair
Staff:	D. McTaggart Z. Marcolin C. Reardon	General Manager, Engineering Manager, Greater Vernon Water Clerk, Engineering	
Also Present:	K. Flick B. deWynter T. Ouchi J. Kidston Media and Public	City of Vernon, Director of Community Development, Engineering & GIS AECOM Alternate Agricultural Representative, Greater Vernon Advisory Committee Alternate Agricultural Representative, Greater Vernon Advisory Committee	

CALL MEETING TO ORDER

The meeting was called to order at 8:10 a.m.

APPROVAL OF AGENDA

Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee – January 21, 2016

Moved and seconded by Representatives Witt and Asif
That the Agenda of the January 21, 2016 Greater Vernon Advisory Committee meeting be approved as presented.

CARRIED

ADOPTION OF MINUTES

Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee – January 14, 2016

Moved and seconded by Representatives Mooney and Lainsbury
That the minutes of the January 14, 2015 Greater Vernon Water 2012 Master Water Plan
Stakeholder Advisory Committee meeting be adopted as circulated.

CARRIED

UNFINISHED BUSINESS

Option Evaluation Factors

Individual Weighting of the GVW 2012 Master Water Plan Non-Cost Considerations Provided by Each Technical Advisory Committee Stakeholder Representative

The Chair opened the meeting with discussion on the direction the Representatives were taking with the “Categories and Criteria” of the evaluation factors. Representative Frost’s submitted for consideration as “Option 10” a proposal to amended “Option 2” to include installation of UV treatment and scrubbing the reservoir at the Duteau Creek Water Treatment Plant, (DCWTP) and not to install the a filter. Filters would be installed at the Mission Hill Water Treatment Plant to meet water quality specifications.

The General Manager, Engineering advised that we currently have a project scheduled in the 2016 budget to investigate the feasibility of filtration exclusion at the DCWTP and in it’s place we would construct an ultraviolet disinfection system (to address protozoa treatment requirements) and aeration (air scrubbing) in the existing reservoir to reduce total trihalomethane levels to meet current standards. Until this study is completed and has the support of Interior Health for filtration exclusion, the proposal suggested by Representative Frost do not meet the assumptions that the SAC must work within as presented by the Board of Directors. Hence the proposal should not be listed as a viable option at this time. A report outlining the proposed pilot study to the Board of Directors dated December 21, 2015, and titled “2016 Infrastructure Planning Grant Program Application” was provided to the Committee. Should the results of the sampling plan and the pilot study show that the Provincial Health treatment guidelines are achieved through this alternate treatment plan then this data can be used to support a filtration exclusion application to the IHA.

Representatives discussed their direction of appointing the individual weighting of the MWP non-cost considerations evaluation factors categories listed as “Supply”, “Operation”, ‘Quality” and “Projects”, and with “Benefits” opposed to criteria for consideration. The “Benefits” were distributed as “must have’s” and “nice to have” or “desirable”.

Moved and seconded by Representatives Bodenham and Gibbs
That the “Finished Water Quality Category” be deleted from the individual weighting of the MWP non-cost considerations sheet and “Future Impacts” and “Adaptability” categories be added.

DEFEATED

**Opposed: Representatives Asif, Carlson, Foisy, Frost, Gibbs, Hubbs-Michiel, Lainsbury,
Mooney, Westby, Williamson, and Witt**

Greater Vernon Water 2012 Master Water Plan Stakeholder Advisory Committee Presentation of Option Evaluations

Brett deWynter, P. Eng., AECOM opened the presentation of “Option Evaluations” with:

- Key Technical Differences
- Long Term Options
- Results of Net Present Value
- Non Cost Comparisons on:
 - System Optional Ease & Flexibility
 - Governance & Administration
 - Emergency Preparedness
 - Average Finished Water Quality
 - Reliability & Availability of Supply
 - Ease of Implementation
 - Future Expansion
 - Environmental Impacts
- Results of Non-Cost Evaluation
- Summary of Non-Cost Comparison
- Challenges and Solutions of Options 2
- System Separation for Options 1, 2, 3 and 7

The Representatives then questioned and discussed the weighting of 2012 GVW Master Water Plan options and how the non-cost evaluation factor benefits affected the options:

- Agricultural water system separation
- Dual water sources
- Water licenses - locations (Fraser River & Columbia River Basins), and transferability
- Capital costs
- Seasonal demand
- Land Acquisition
- Future expansion and variation of the plans
- Chemicals used regarding Environmental Impacts and Water Quality
- IHA requirements, ordering GVW to improve on Duteau Water Treatment Plant
- Filtration exclusion, and how to meet criteria for filtration deferral
- How the recommendations of the Technical Advisory Committee reached a consensus

Moved and seconded by Representatives Witt and Williamson

That “Categories” be weighted from the Individual weighting of the MWP non-cost considerations sheet as Supply 30 %, Operations 40%, Projects 10% and Water Quality 20%.

CARRIED

Moved and seconded by Representatives Williamson and Hubbs-Michiel

That it be recommended to Greater Vernon Advisory Committee, any option that includes the DWTP as a potable water source will examine using UV and reservoir aeration to support a filtration exclusion application.

CARRIED

Moved and seconded by Representatives Mooney and Foisy
That Option 4 amended with elements from Option 6 as proposed by Representative T. Mooney
be included as an additional option.

DEFEATED

**Opposed: Representatives Asif, Bodenham, Carlson, Frost, Hubbs-Michiel, Lainsbury,
Westby, Williamson, and Witt**

The Representatives were requested to review the options with the newly agreed upon weighting
before the next meeting. A consensus was confirmed to break into groups to weight the options
at the next Stakeholder Advisory Committee meeting.

ADJOURNMENT

There being no further business, the meeting was adjourned at 10:33 a.m.

CERTIFIED CORRECT



Chair
Jim Garlick



General Manager, Engineering
Dale McTaggart