



TOWN OF LAKE COWICHAN

Public Works and Environmental Services Committee
Tuesday, October 4th, 2016 at 5:00 p.m. – Council Chambers

AGENDA

1. CALL TO ORDER

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INTRODUCTION OF LATE ITEMS (if applicable)

2. APPROVAL OF AGENDA

3. BUSINESS ARISING AND UNFINISHED BUSINESS

- (i) On Street Parking Regulations for the Lake Cowichan Business District.
- (ii) Directional Signage for Town of Lake Cowichan on Youbou Road.

(b) Ongoing Items Still Being Addressed:

- (i) Sidewalks and Walking Trail for North Shore Road – Update.
- (ii) Water Treatment Plant upgrades - Update.
- (iii) In-vessel composting – Update.

4. DELEGATIONS AND REPRESENTATIONS

(a) Keith Lawrence, CVRD; re: Cowichan Valley Watershed Atlas

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5. CORRESPONDENCE

None.

6. REPORTS

None.

7. NEW BUSINESS

- (a)** Shelf Ready Projects for Infrastructure Funding – Prioritization.
- (b)** Weir and Catalyst Pumping of Cowichan Lake.

8. NOTICES OF MOTION

9. PUBLIC RELATIONS ITEMS

10. MEDIA/PUBLIC QUESTION PERIOD

11. ADJOURNMENT



MEMORANDUM

DATE: October 4, 2016
TO: Town of Lake Cowichan
FROM: Keith Lawrence - Environmental Services Division
SUBJECT: Cowichan Valley Watershed Atlas

Land use changes in watersheds on the east coast of the CVRD have been considerable in recent years. These changes have affected water storage, stream flow and water demand. Climate impacts and population growth are expected to apply more stress on our watersheds in the years to come. Characterization and risk assessment of watersheds on the east coast of the CVRD is needed to identify areas that are most vulnerable and require further planning framework.

CVRD staff have developed a Draft Cowichan Valley Watershed Atlas which showcases information available about the current state of the 13 watersheds flowing to the east coast of the CVRD. It is the first phase of work to support the development and implementation of watershed management plans:

1. *Watershed Atlas.* Information base from which analysis of watershed conditions can be conducted;
2. *Analysis and Characterization.* Identifies environmentally sensitive areas (ESAs). Characterization of the watersheds is based on analysis of the atlas and additional information to be collected;
3. *Risk Assessment.* Identify the areas that are most at risk based on ESAs and pressures;
4. *Develop or support development of watershed management plans.*

The planning process will outline watershed areas that have the greatest need for management and identify key gaps in knowledge. The information will also support long term planning initiatives such as land use planning, local watershed planning, infrastructure planning and liquid waste planning.

The draft atlas, available online at <http://cvr.bc.ca/DocumentCenter/View/77466> is in pdf format and does not immediately meet land use planning requirements. Many of the features do not display in enough detail to inform land use decisions. Staff are exploring how best to integrate the atlas information into the CVRD GIS systems and to deploy externally. The identification of land use constraints, hazards and risks within each watershed is the focus of the next phases of work.

At this time, the atlas is being distributed to First Nations, municipalities and other key organizations for comment.