

**Full Authority**  
**19 April 2018**  
**Agenda Item: 11**

**General Manager's Report**

The General Manager's report provides a brief update for the Board Members prior to the Board meeting bringing forward additional information and/or progress on initiatives or current issues for the Board members consideration.

**1. Watershed Management**

*Current Watershed Conditions*

- Water levels and flows had increased with the precipitation received in the week of March and the second week of April.
- Flow at Marmora Dam recently peaked at 60.3cms (cubic metres per second).
- Levels and flows throughout the watershed have been receding slowly.
- Remaining snow pack in the watershed has reduced further and will have less of an impact on watershed conditions than recent precipitation received – virtually no snow remaining in the lower 25% of the watershed – however that could change with the predicted storm event for the 14<sup>th</sup> and 15<sup>th</sup> of April.
- Lower than average temperatures have resulted in a slow freshet this spring. This has also kept ground conditions frozen which still could result in additional runoff, especially during significant rainfall events.

*Anticipated Conditions*

- Forecasted rainfall (approximately 75-80mm forecasted over a 5 to 6 day period) could easily reverse the trend and push levels and flows higher, but no significant flooding is expected from this accumulation for the following reasons:
  - 1) Lake levels and flows have been trending downward in the past few days building some storage capacity in the watershed.
  - 2) Precipitation is spread over a 3 to 5 day period, allowing staff to make the necessary adjustments during the same period rather all at once.
  - 3) Forecasts are predicting precipitation will be received as either snow, freezing rain or rain – therefore, if a significant portion of it is received in a solid state, it will delay entry into the watershed and therefore delay the effect of the entire rainfall event.
  - 4) Forecasted weather beyond this weather system is for a few days without substantial precipitation accumulations, offering some reprieve to pass the anticipated higher flows through the watershed.

- Ice still on the larger lakes, but no ice jams reported along the Crowe River or its major tributaries.
- CVCA staff will continue to monitor weather conditions, operate dams during event to mitigate effects of rainfall as per the flood forecasting and warning daily operations cycle.

### *Hydro Plant Update*

- Saturday March 23<sup>rd</sup>, 2018 electrical production ceased at the Shaman Hydro Power Plant located at the Marmora Dam (central sluiceway) for the second time in less than a month.
- No power has been produced by the generators, nor was any electricity flowing back to the hydro plant from the grid to operate the by-pass gate, as was the case in the first shutdown.
- Stop logs were once again removed from the west sluiceway to compensate for the reduced flow from the generator shutdown.
- A second break in the electrical line between the Marmora hydro plant and the Ontario Hydro Marmora substation was discovered.
- The owners of the Shaman Power Corporation have decided to replace the entire electrical line.
- Work to replace the line has entered its third week and is anticipated to be repaired by the 16<sup>th</sup> or 17<sup>th</sup> of April
- The 5 horsepower motor used to lift the gate is being rewired to allow for the use of a 3 phase electrical generator.
- In the event of another failure and water is required to be passed through the gate, CVCA staff will rent a generator from Battlefield in Belleville to operate the gate.
- Rental charges will be forwarded to Shaman Power Corp.

## **2. Health and Safety**

- I have recently completed three WSIB workshop sessions and as part of the requirements for the course, I will be completing a written submission to the WSIB instructor.
- The submission will include: 1) A Workplace Self Evaluation Checklist, 2) Health and Safety Action Plan, 3) Inspection Procedure and a Return-to-Work Procedure.
- The submission is due within 30 days of the final training session.
- The WSIB instructor will contact the CVCA after receipt of the submission and arrange for a workplace inspection/review.
- The review is intended to determine what the CVCA's current status is at, make recommendations and assist the Authority if required.

- The instructor insisted the review is not to lay blame for any shortcomings or bring Ministry of Labour inspectors to write tickets, but rather to ensure the CVCA is getting the help it needs and get the right program in place to address health and safety issues.
- In addition to the WSIB inspection, meetings will be held with the Public Services Health and Safety Association representative and an invitation extended to attend a CVCA Board meeting later in the year.

### **3. Miscellaneous**

- Rob Cole has attended three Council meetings to introduce himself and confirm the direction of the CVCA's Regulation Program direction for 2018. Rob has been well received and is looking forward to attending additional Councils in the watershed.
- Recently, concerns regarding vandalism, garbage, ATVs and destruction of sensitive habitat at both Callaghan's and Crowe Bridge have been received by the CVCA.
- Since the issues raised by residents were directly related to protecting and preserving these conservation areas, contact was made with Mr. Bossio's (MP for Hastings-Lennox and Addington) office to ensure his office was cognizant of the issues and seek any support Mr. Bossio may bring to the table.