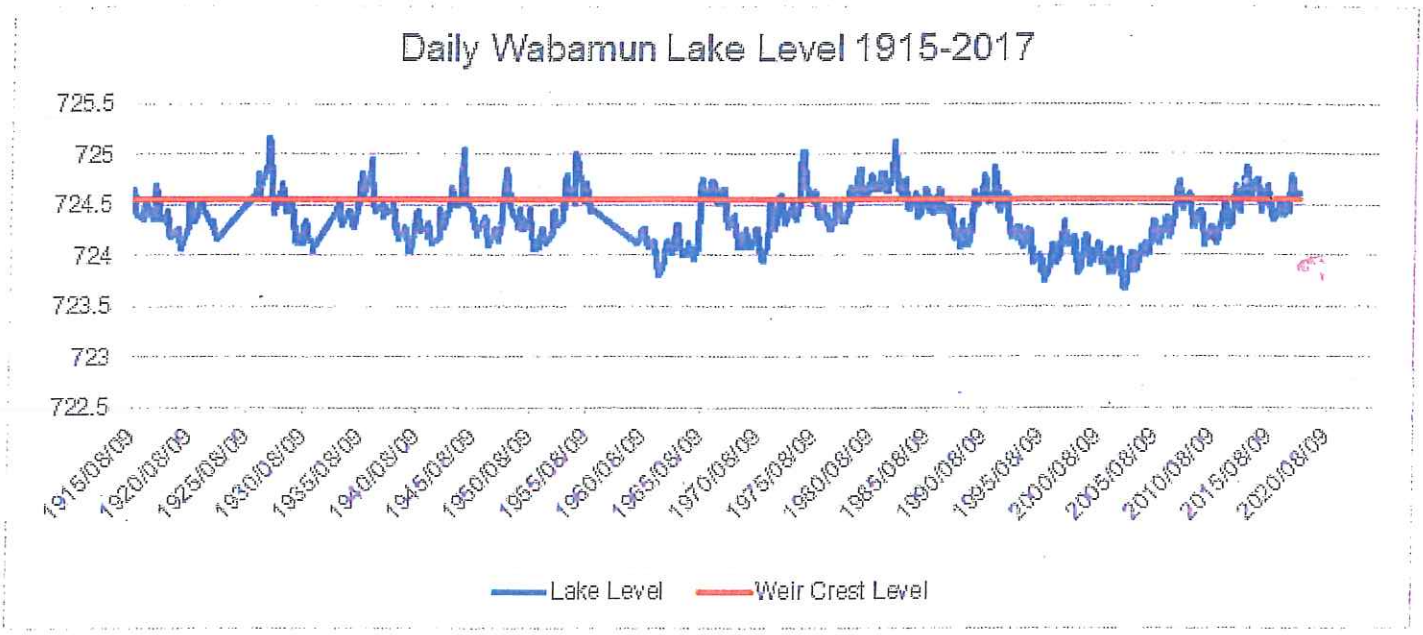
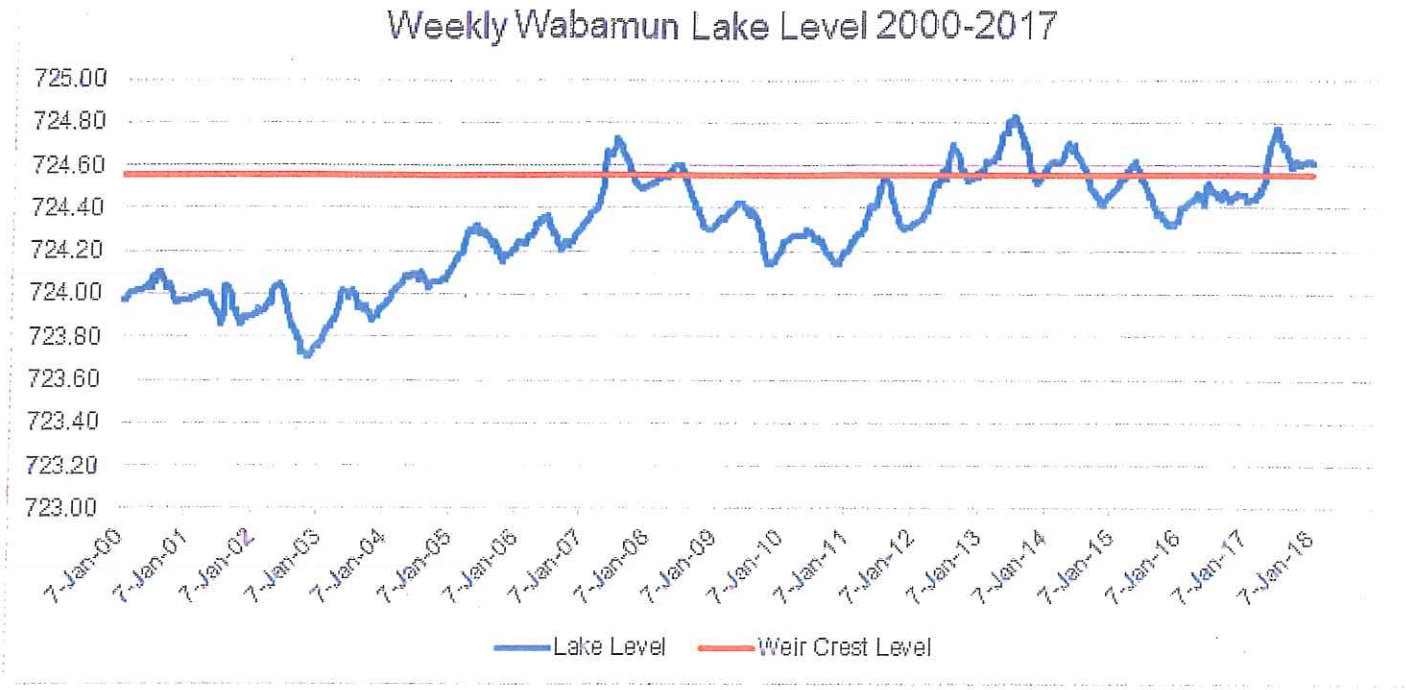
The first graph is daily lake level data from the Environment Canada website which goes back to the year 1915.

The second is the weekly average lake level (also derived from Environment Canada) for the period 2000-2017, which is the data used by Klohn Crippen in the water balance model.

In this graph it is quite clear that the recent lake levels are well within the historical range that would be considered normal for Wabamun Lake.



This graph of weekly data represents the period that TransAlta has been operating the Wabamun Lake Water Treatment Plant (WLWTP). The 2013-2014 season show higher water levels than 2017.



Some additional points to be aware of regarding TransAlta's operation of the WLWTP are:

- The volume of water pumped into the lake is to replace water that TransAlta operations divert away from the lake (primarily the mine footprint).
- The return volumes are calculated using long term and short term forecasting with a focus on precipitation levels in the Wabamun watershed area.
- Water pumped to the lake represents only a very small fraction of the entire catchment of the lake watershed and over an entire year may only add a few centimeters to the overall level of the lake.
- Periods of heavy rainfall and runoff contribute much more to the overall water level of the lake and can drastically increase lake level in a very short period of time.

It should also be noted that water levels in all of the local lakes have trended up in the last few years and this data is available on the Environment Canada website.

This winter there was ice damage on other Alberta lakes as well, especially on Lac Ste Anne. This information is also available online.