

INTERNATIONAL OSOYOOS LAKE BOARD OF CONTROL
Conference Call
Wednesday March 6, 2019, 9:30 – 11:30 AM PST

BOARD MEMBERS

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|---------------------------|--------------------------------|
| Cindi Barton | Chair, U.S. Section |
| Bruno Tassone | Chair, Canadian Section |
| John Arterburn | Board Member, U.S. Section |
| Col. Mark Gerald (absent) | Board Member, U.S. Section |
| Kris Kauffman | Board Member, U.S. Section |
| Ford Waterstrat | Board Member, U.S. Section |
| Ted White | Board Member, Canadian Section |
| Sue McKortoff | Board Member, Canadian Section |
| Brian Symonds | Board Member, Canadian Section |
| Anna Warwick Sears | Board Member, Canadian Section |

BOARD STAFF and BOARD MEMBER ASSISTANTS

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| Andy Gendaszek | Secretary, U.S. Section |
| Martin Suchy | Secretary, Canadian Section |
| Kevin Shaffer | Technical Assistant to Colonel Mark Gerald |

IJC REPRESENTATIVES and GUESTS

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|--------------------------------------|---------------------------------------|
| Wayne Jenkinson (first 30 mins only) | Engineering Advisor, Canadian Section |
| Mark Colosimo | Engineering Advisor, U.S. Section |
| Paul Allen | Communications, Canadian Section |
| Dave Hutchinson | Water Survey of Canada |

1. APPROVAL OF THE AGENDA

Meeting started at 9:30 and was led by Cindi Barton (U.S. Co-Chair). The meeting agenda was accepted with no changes and finalized.

2. APPROVAL DECEMBER BOARD AND PUBLIC MEETING MINUTES

The Board reviewed and approved the minutes of the December 2018 Board Meeting with editorial change to section 10.

3. INTRODUCTION OF DAVE HUTCHINSON

Bruno Tassone introduced Dave Hutchinson who manages the Water Survey of Canada's hydrometric operations for Pacific and North regions, which includes British Columbia, Yukon, NWT and Nunavut. (As of April 1st organizational restructuring, Dave is now Manager, BC District Hydrometric Operations). In the Fall the IJC will consider his appointment as Canadian Co-Chair and Bruno Tassone will resign from the Board. The Board approved that Dave's participation as an observer until his appointment.

4. REVIEW OF HYDROLOGIC CONDITIONS

Osoyoos Lake levels have remained within the rule curve within 2019. Cold temperatures and northerly winds contributed to the formation of an ice jam at the outlet of Osoyoos Lake. This ice jam restricted discharge from Osoyoos Lake and increased Osoyoos Lake levels by about 0.4 feet. Water has been stored in Okanagan Lake during Winter 2019 for ice jam management and to allow bathymetric surveys in the Okanagan River. El Nino conditions have prevailed throughout the Pacific Northwest and the preliminary estimates of March 1 snowpack for the Similkameen and Okanagan Basins are at 72 percent and 79 percent, respectively. The Okanagan Lake inflow and level forecast are not yet available. Secretaries will monitor estimates of drought criteria for the Similkameen River and Okanagan Lake calculated from the April 1 climate forecast and inform the Board.

5. PLANNED OSOYOOS LAKE LEVELS

Al Josephy presented the Applicant's plan for spring and summer Zosel Dam operations and lake levels. In typical years, discharge from Zosel Dam is decreased beginning on March 1 to raise Osoyoos Lake levels to 911.5 by June 1. In this year, Zosel Dam may be operated to reach a lake level of 911.5 by mid May or possibly earlier in order to increase water storage during a low-runoff year.

6. 2018 ANNUAL REPORT DISCUSSION

Board Secretaries summarized and described each section of the 2018 Annual Report, and provided an opportunity for Board Members to comment. Several editorial changes were addressed during the call. Secretaries will accept additional comments until March 20th, then integrate and re-draft report. Co-chairs will be asked to review second draft before submission to IJC in late April.

7. SPRING IWI PROPOSALS: CLIMATE CHANGE VERTICAL PILOT

The IJC is soliciting proposals for the International Watersheds Initiative in April. A working group of the Board will develop a proposal to analyze how hydrologic conditions from future

climate projections interact with current lake-level rule curve and drought criteria. This analysis will be consistent with the IJC's Climate Change Guidance Framework.

8. OKANAGAN HYDRAULIC MODEL

Okanagan Basin Water Board has contracted with a consultant to develop hydrologic and hydraulic models of the Okanogan River and Okanagan Basin. The hydrologic model will incorporate current climate and future project climate as well as dam operations and the hydraulic model will use output from the hydrologic model to estimate flood levels within the Okanagan River.

9. IJC/BOARD WEBSITE TRAINING UPDATE

The IJC provided training to Board Secretaries for updating the Board's website. After the IJC delegates authority to the Secretaries to update the website, the Secretaries will add meeting notes, annual reports, and the link to the Zosel Dam webcam.

10. ZOSEL DAM WEBCAM AND LAKE MONUMENT UPDATE

US Section Secretary updated the Board on current small projects. Webcam security issues have been resolved and is now live on USGS website. High water monuments have been printed accounting for 2018 record levels, placement of monuments to be discussed with town of Osoyoos and Oroville.

11. ROUND TABLE

The IJC is waiting for appointment of Canadian Commissioners and re-appointment of U.S. Commissioners. As a result, the Washington DC Spring semi-annual meeting is postponed.

STATUS OF ACTION ITEMS

1. **In progress:** Board Secretaries will continue to look into availability of additional bathymetric data for Lake Osoyoos.
1. **In progress:** Guidelines for U.S. Department of State (DOS) and Global Affairs Canada (GAC) participation as observers for quarterly conference calls and meetings. Board Secretaries waiting for official guidance document from IJC, which is being delayed due to lack of Commissionaires. Interim guidance in effect.
- 2.
3. **In progress:** Board Secretaries will update IOLBC website with documentary film trailer.

4. **In progress:** Board Secretaries will prepare a bibliography to initiate the Organization step of the Preparedness Process proposed by CAWG.
5. **In progress:** Board Secretaries will investigate the possibility of funding short excerpts of “A River Film” about focused themes through the spring IWI request for proposals.
6. **In progress:** Board Secretaries will add Osoyoos Lake inundation maps to IOLBC webpage.
7. **Completed:** IOLBC Secretaries to follow up with the Applicant regarding Spring water level plans
8. **New Action Item:** Canadian and U.S. Secretaries to work with Board Members Anna Warwick Sears and John Arterburn to develop a draft plan for vertical climate change pilot. Draft will be presented to the Board for review, then submitted to the IJC in Early May.
9. **New Action Item:** IOLBC Secretaries to track snow pack stations and drought potential, and follow up with the Applicant regarding Spring water level plans.
10. **New Action Item:** If needed, Secretaries will recommend a special April/May conference call to the Board to discuss drought considerations.