

INTERSTATE COMMISSION ON THE POTOMAC RIVER BSECTION

**SECOND QUARTER 2019
MARCH 4, 2019**

**ICPRB HEADQUARTERS
ROCKVILLE, MD**

DRAFT MINUTES

CALL TO ORDER: Chairman Sussman called the Second Quarter 2019 CO-OP Meeting to order at 9:00 AM on March 4, 2019. The following Commissioners, staff, and guests were in attendance in whole or in part.

Commissioners

United States

Robert Sussman (Chair, Commissioner)
Darryl Madden (Commissioner)

District of Columbia

Hamid Karimi (Commissioner)
Willem Brakel (Commissioner)
Kimberly Jones (Alt. Commissioner)

Maryland

Virginia Kearney (Alt. Commissioner)
Robert Lewis (Commissioner)

Virginia

Scott Kudlas (Alt. Commissioner)
Paul Holland (Alt. Commissioner, via Phone)

West Virginia

John Wirts (Alt. Commissioner)

Staff and Guests

Staff

Carlton Haywood (Executive Director)
Robert Bolle (General Counsel)
Bo Park (Dir, Administration)
Cherie Schultz (Dir, COOP Operations)
Curtis Dalpra (Communications Manager)
Claire Buchanan (Dir, Program Operations)
Michael Mallonee (WQ Data Manager)
Heidi Moltz (Assoc. Dir, Water Resources)

Guests

Valerie Cappola (USCOE, NAD)
Chris Kimple (Rep. Del. Moul, PA)
Ron Stanley (PA)
Rhonda Manning (PA, DEP)
Jeff Seltzer (DC, DOE)
Mary Jane Bolle (Visitor)
Michael Nardolilli (Visitor & Incoming ED)

ADOPTION OF AGENDA: Commissioner Kudlas asked for a modification to the agenda, under New Business, Item #B, adding “LFAA Meeting Date.” Commissioner Kearney made a motion to approve the modified agenda, which was seconded by Commissioner Lewis. All were in favor.

APPROVAL OF MINUTES: Commissioner Kearney asked for an edit on page 1, Old Business, line 3, to read “Coordination” not “Coordinator.” Commissioner Wirts also asked for a correction on line 2, same section to read, “consideration for the Commission to ‘be’ more involved...” Commissioner Kudlas made a motion to approve the Minutes, which was seconded by Commissioner Lewis. All were in favor.

OLD BUSINESS

Follow-up from December Action Items: Mr. Haywood stated that there were no action items from the December meeting.

Section's Quarterly Report

2018 Annual Drought Exercise, Final Report and Next Steps: Dr. Schultz summarized the 2018 annual drought exercise, held on November 30, 2018. The final report has been completed by the contractor, Policy Works, LLC and is up on the ICPRB website. The report contains recommendations and future considerations. From the drought exercise, one area of interest is the documenting system low flow constraints, where water allocation to the water suppliers are constrained due to restrictions. Second area of interest is the sensitivity of Little Seneca reservoir system, which is used for margin of safety during drought to meet the flowby. A third area of interest is alternative demand management strategies, looking at mandatory water use restrictions that did not occur until the water was almost out. COOP will be exploring probabilistic triggers to water use restrictions, incorporating into the tools for forecasting, and experimenting with paleorecord for climate change.

The report will be sent out to the participants. Commissioner Brakel commended the effort and also noted that the ICPR disclaimer was not included in the report. Mr. Haywood clarified that the report is not a recommendation report, but a follow up action items for effectiveness and management purposes. Commissioner Brakel further clarified that the report is stating follow up activities and findings. Dr. Schultz continued that some follow ups will be rolled into the demand study, modeling with the COG and states, evaluating triggers for water restrictions, and laying the groundwork for the demand study. Commissioner Brakel asked for an elaboration on the difference between political drought and hydrological drought. Commissioner Kudlas added that an example for political drought would be a state drought plan or state permit that has drought triggers requiring mandatory conservation, but in the meantime, metropolitan Washington suppliers that control water use has a different plan.

Travilah Quarry update: Dr. Schultz updated on the Travilah quarry efforts. The Corps has expressed an interest in this effort. Currently, an agreement with the Corps has been put in place through the Project Assistant to the States (PAS) grant, which will allocate a project within the Corps also requiring matching from the COOP Section. This project is an exploration on how the Corps can get involved in this effort. A communications plan will be developed by the Corps and COOP, representing the stakeholders. Mr. Haywood added that this grant will fund the Baltimore District staff to work on this task. ICPRB's role is a technical resource to the Corps, to perform quality assurance on the data developed by the Corps, advising on data analysis, and acting as a resource for the Baltimore District. Chairman Sussman further added that the Commission has created an internal interest for providing support and creating a work group with the water utilities. The lead role was taken on by WSSC, who hired a consultant from the mining industry to provide technical advices and representing interest party with the quarry owner. This was before the involvement by the Corps. Now with the Corps involvement, further efforts by the work group has been put on hold. The exact role of the Corps has yet to be determined. There is a meeting tomorrow on March 6, hosted by the Corps at the WSSC office, which will include a presentation by the WSSC consultant. Further discussions on the Corps involvement may occur at that time. ICPRB's role can be revisited appropriately. Mr. Haywood added that Maj. Gen. Milhorn's may be involved and that the Baltimore District Chief Engineer has tasked Ms. Amy Guise with this project. The Chief Engineer is expected to be at the meeting on March 6. Chairman Sussman added that Ms. Guise indicated that her role will be to explore all the options and understanding the options and requirements depending on the path forward.

Upcoming Water Demand and Availability Forecast: Dr. Schultz described the next 7th Washington metropolitan water demand study which is done every 5 years, as required by the WSCA and LFAA and per COOP obligations with the water supplier. It allows water suppliers to be informed by providing warnings about planning and resource requirements especially for construction process which takes many years. This report is invaluable to current and future staff as a resource. Since April 1990, the water demand study has been done every year. COOP does 20, 25, sometimes 30 year studies. The study includes WSSC, Fairfax, WAD, Loudoun, and also Rockville and also the whole sale customers of the water suppliers, such as Howard County, Arlington County, Vienna, Prince William County. This study determines that demand forecast and resource forecast. The demand forecast includes 16 localities using water use per single family, multi-family, and employees. Data is received from many sources and these three categories are the common denominators. For system reliability forecast, the

Potomac River and Reservoir Simulation Model (PRRISM) is used to simulate various scenarios. Most likely the simulation will use the scenarios as recommended in the Alternatives Study. As it stands, the next forecast study year is unknown as the data comes from the Metropolitan Washington Council of Governments demographic data, which only has up to 2045. Fairfax Water (FW) has requested forecasting out to year 2050 to satisfy Virginia requirements for updated water supply forecasting. FW will talk with COG for data feasibility. As for 2045 forecasting, base line case includes Quarry A (Loudoun) and Vulcan quarry, since agreements and permits are in place. In the Alternatives Study, there are four operational alternatives. These four operational alternatives combined are a good resource, which will be modeled. (Cherie---please free to delete and rewrite & elaborate.)

Commissioner Kudlas added that the VA localities are subject to state laws requiring water supply planning study every 10 years. The next 10 year plan is submitted in 2023, which requires 30 year projection.

NEW BUSINESS

Opportunities for Broader Regional Cooperation: Dr. Schultz reported that there may be a possible agreement between the water suppliers and Loudoun Water. There were 2 straw agreements that was drafted. They liked the simple operational agreement, which captures the components of the WSCA. There is no monetary or Loudoun obligation for future storage, but only address cooperative effort during drought operation. The agreement draft was sent to Loudoun Water. There is one challenge for cooperative operation to occur. The VA DEQ permit needs to be amended. There is a requirement in the permit the if Jennings Randolph Reservoir release is passing by Loudoun Water intake, there may be restrictions on what they can withdraw.

Chairman Sussman added that there is a larger question of the cost sharing formula. There is a need to develop a white paper explaining all the issues and different perspectives among the water suppliers. This may be a resource for future efforts pursuing a new cost share formula. Dr. Schultz is currently working on that document to capture the current sentiments and thoughts by the water suppliers.

LFAA Meeting Schedule: Commissioner Kudlas informed that VA will be hosting the next LFAA and the date may be April 15 in Richmond, VA. The official notification will be forthcoming as soon as the meeting date poll closes today.

ADJOURNMENT

Commissioner Wirts made a motion to adjourn the meeting, which was seconded by Commissioner Kearney. All were in favor. The CO-OP Section meeting adjourned at 10:02 AM.

Draft Minutes written by: Bo Park, Director, Administration

Reviewed by: Cherie Schultz, Director, CO-OP Operations

Approved by: H. Carlton Haywood, Executive Director