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## **Water Management Advisory Committee Meeting Highlights**

Wednesday, February 08, 2023

10:00 a.m. – 12:00 p.m.

### **Call to Order**

The DRBC Water Management Advisory Committee (WMAC) was called to order by the Committee Chair, SeungAh Byun, P.E., PhD (CCWRA), and was held with remote attendance only using Zoom and its call-in capabilities. Information pertaining to the WMAC, including member listing and past meeting materials, are available at [http://www.nj.gov/drbc/about/advisory/WMAC\\_index.html](http://www.nj.gov/drbc/about/advisory/WMAC_index.html).

### **Administration**

- **Administrative:**
  - Committee liaison Michael Thompson, P.E. (DRBC) gave a DRBC security announcement.
- **Roll Call:**
  - Committee liaison Michael Thompson, P.E. (DRBC) performed roll-call for reserved and non-reserved committee constituencies.
- **Public Participation:**
  - SeungAh Byun, P.E., PhD (CCWRA) inquired if there were any members of the public wishing to make comments, or if there were items to raise which may warrant additional time for public comment at the end of the meeting. No comments or items were offered.
- **Highlights:**
  - The highlights of the October 13, 2022, meeting were approved and will be posted on the WMAC webpage. A motion for approval was made and seconded. There was no discussion and there were no abstentions; the motion passed unanimously.  
(<https://www.nj.gov/drbc/library/documents/WMAC/101322/mtg-highlights.pdf>)

### **Hydrologic Conditions Report**

Anthony Preucil (DRBC) provided a report on Basin-wide hydrologic conditions. The presentation is available on the following WMAC webpage:

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBChydrologic-rpt\\_preucil.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBChydrologic-rpt_preucil.pdf)

- Resources for weekly, monthly and annual hydrologic reports are archived at the following webpage: <https://www.state.nj.us/drbc/programs/flow/hydrologic-reports.html>
- DRBC's interactive dashboard also displays a daily-updated snapshot for flow and drought management in the basin:  
<https://drbc.maps.arcgis.com/apps/dashboards/690464a9958b49e5b49550964641ffd7>

## DRBC Update

Chad Pindar, P.E. (DRBC) provided an update on DRBC activities, upcoming advisory committee meetings, Commission actions, and other items of interest:

- The DRBC Business Meeting on December 7, 2022 resulted in the adoption of Resolution 2022-04. A RESOLUTION to amend the Comprehensive Plan, Water Code and Special Regulations regarding importations of water into and exportations of water from the Delaware River Basin and discharges of wastewater from high volume hydraulic fracturing ("HVHF") and HVHF related activities. ([https://www.state.nj.us/drbc/library/documents/Res2022-04\\_finalrule\\_import-export-hvhf-discharge.pdf](https://www.state.nj.us/drbc/library/documents/Res2022-04_finalrule_import-export-hvhf-discharge.pdf))
- The DRBC Business Meeting on December 7, 2022 resulted in the adoption of 17 Dockets.
- The next DRBC Public Hearing is scheduled to be held on February 8, 2023.
- The next DRBC Business Meeting is scheduled to be held on March 8, 2023.
- An update was provided that the Technical Report for the Delaware Estuary & Basin - 2022 (TREB) was published, and that DRBC staff authored Chapters 3 (Water Quantity) & 4 (Water Quality). (<https://delawareestuary.s3.amazonaws.com/TREB+2022+Full+Report.pdf>)

The presentation can be viewed at the following link.

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCupdate\\_pindar.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCupdate_pindar.pdf)

## Presentations

### DRBC Storage Study Update

Chad Pindar, P.E. (DRBC) provided an update on the Storage Study currently being performed by Mott McDonald, in cooperation with the DRBC. The second draft of the report was transmitted back to DRBC on 12/01/2022, which was sent to the DRBC Commissioners for review and comment. Commissioner comments were received by 01/31/2023. The next steps in the project include (1) Mott McDonald / DRBC are to address the Commissioner comments, and (2) DRBC publish the final report to the website. Mr. Pindar's presentation can be viewed at the following link.

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCstorage-study-update\\_pindar.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCstorage-study-update_pindar.pdf)

### DRBC Planning Project Updates

#### 1. Population Served

Michael Thompson, P.E. (DRBC) and Sara Sayed (DRBC) provided an update on the methodology used to revise an estimate on the number of people served drinking water from the Delaware River Basin. The revised estimate of **14.2 million people** is based on 2020 U.S. Census Bureau data (whereas the previous estimate was based on data from 2016). The presentation can be referenced at the following link:

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCpopulation-update\\_sayed.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCpopulation-update_sayed.pdf)

#### 2. Surface Water Availability Analysis

Sarah Beganskas, PhD (DRBC) gave a presentation on the ongoing project focused on surface water availability in the Delaware River Basin. The presentation can be referenced at the following link:

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCsw-modeling-tool\\_beganskas.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCsw-modeling-tool_beganskas.pdf)

#### 3. Water Audit Trend Analysis

Michael Thompson, P.E. (DRBC) and Sara Sayed (DRBC) gave a presentation on the ongoing project focused on analyzing 10 years of data collected by DRBC through the DRBC Water Audit Program. The presentation can be referenced at the following link:

[https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCwater-audit-update\\_sayed\\_thompson.pdf](https://www.nj.gov/drbc/library/documents/WMAC/020823/DRBCwater-audit-update_sayed_thompson.pdf)

## State Updates

- **Pennsylvania** – James Horton (PADEP) noted that the Pennsylvania State Water Plan was passed and approved earlier this year, and can be referenced at the link below:  
(<https://www.dep.pa.gov/Business/Water/PlanningConservation/StateWaterPlan/Pages/default.aspx>)
- **New Jersey** – No updates
- **Delaware** – No updates
- **New York** – No updates.

## Other Member Updates

- **Chester County Water Resources Association** – SeungAh Byun, P.E., PhD (CCWRA) provided an update that the county's integrated water resources plan is being updated and they hope it will be completed this year.

## Public Comment

No public comment

## Adjournment

A motion to adjourn the meeting was made and seconded. The motion passed and the meeting was adjourned at 11:45 am.

Approved: June 28, 2023

WMAC Meeting Attendance			
SECTOR	WMAC MEMBER/ ALTERNATE	REPRESENTING	ATTENDANCE
State of DE	Murray, Patty	DE-DNREC	X
State of DE (A)	Smaier, Steve	DE-DNREC	
State of NJ	MacDonald, James (Andy)	NJ-DEP	
State of NJ (A)	Miri, Joe	NJ-DEP	X
State of NY	Tarrier, Brenan	NYS-DEC	X
Commonwealth of PA	Liaghat, Hoss	PA-DEP	X
Commonwealth of PA (A)	Horton, James	PA-DEP	X
USACE	Bittner, Laura	USACE	X
USACE (A)	Wacik, Gregory	USACE	X
USEPA	Lynch, Katie	EPA	
USGS	Fleming, Brandon	USGS	X
USGS (A)	Scheffler, Curtis	USGS	
City of New York	Olivio, Dana	NYC	X
City of Philadelphia (V)	Anderson, Kelly	PWD	X
City of Philadelphia (A)	Hesson, Molly	PWD	
County Water Agency (C)	Byun, Seung Ah	CCWRA	X
Water Resource Agency	Luitweiler, Preston	WRA-DRB	
Industry	Rajan, Jordan	Exelon Limerick	X
Water Utility (A)	Eisenbrey, Virginia	Artesian Water	
Water Utility	Thaeder, Kathy	Artesian Water	
Agriculture	Howland, Sandra	NJ DeptAg	
Agriculture (A)	Wenczel, Amanda	NJ DeptAg	X
League of Women Voters/Civic Org.	Cook, Kathy	LWV	
Environmental Organization	Knutson , Kelly	Coalition for the DRW	X
Environmental Organization (A)	Murphy, Eileen	Coalition for the DRW	X
Watershed Organization	Ramie, Laurie	UDC	X
Watershed Organization (A)	Engelhardt, Kerry	UDS	
Academia	Van Abs, Dan	Rutgers University	X
Recreation	Baldauff, Emily	Trout Unlimited	X
Fisheries	Eyler, Sheila	USFWS	
<i>(A) indicates Alternate (C) indicates Chairperson (V) indicates Vice Chairperson</i>			
Guests	Rambo, Doug	DNREC	X
	McCoy, Arlene	Merrill Creek Reservoir	X
	Larson, Carol	Arden	X
	Gotsch, Brent	NYC DEP	X
	Kearsley, Danielle	New Jersey American Water	X
	Essaid, Hedeff	US Geological Survey	X
	DiRenzo, Paul	Peak Hour Power, LLC	X
	Lloyd, Andrew	Mercer County Planning Department	X
	Kratina, Garret	PFBC	X
	Leigh, Stuart	Catskill Mountains Trout Unlimited	X
	Shourds, Jennifer	USGS NJWSC	X
	Petcu, Madelyne	NYS DEC	X
	Snyder, Gary	Mott MacDonald	X
	Korpics, Karen	Merrill Creek Reservoir	X
	Holmbeck, Skelly	WRA-DRB	X
	Collier, Carol	Academy of Natural Sciences	X
McGuire, Meg	Delaware Currents	X	
Kroll, Stefanie	--	X	
Snook, Ian	NJDEP	X	
DRBC	Beganskas, Sarah	DRBC	X
	Brown, Beth	DRBC	X
	Bush, Pam	DRBC	X
	Heinicke, Karl	DRBC	X
	Kavanagh, Kristen	DRBC	X
	Pindar, Chad	DRBC	X
Pregent, Kevin	DRBC	X	

	Preucil, Anthony	DRBC	X
	Sayed, Sara	DRBC	X
	Schmidt, Kate	DRBC	X
	Shallcross, Amy	DRBC	X
	Thompson, Michael	DRBC	X
	Tambini, Steve	DRBC	X

*\* 1 other participants were identified by phone number only.*