

Memo

Ohio River Valley Water Sanitation Commission

SINCE 1948
*Improving Water Quality in the
Ohio River for 75 Years*

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DATE: January 18, 2024

TO: Commissioners/Proxies/All Attendees

FROM: Richard Harrison, Executive Director



SUBJECT: Transmittal of Resource Materials and Schedule for 238th Commission Meeting and 234th Technical Committee Meeting
February 6-8, 2024

Enclosed for your information are the agendas, attachments and related resource documents for the upcoming 238th Commission Meeting, as well as the 234th Technical Committee (TEC) Meeting to be held both in-person and virtually using "GoToMeeting" on February 6-8, 2024 in Covington, Kentucky at the Embassy Suites RiverCenter. The hotel address is 10 East RiverCenter Boulevard in Covington, Kentucky 41011; the telephone number is 859-261-8400. Overnight self-parking in the attached garage at the hotel is complimentary for hotel guests (garage guide attached). Check-in time is 4:00 pm and check-out time is 11:00 am.

The Technical Committee (TEC) Meeting will begin on Tuesday, February 6, starting at 1:00 pm and concluding at 5 pm. The Technical Committee will meet again Wednesday, February 7, starting at 8:30 am and concluding at noon. After a lunch break, there will be a Roundtable at 1:15 pm followed by an Executive Session for Commissioners and Proxies. The 238th Commission meeting will be held on Thursday morning, February 8, at 9:00 am (all times are ET).

Approximately one week prior to the meetings, Commissioners, Proxies, Technical Committee members, Advisory Committee members and interested parties receiving this agenda communication will automatically receive an email that includes detailed information and instructions on how to participate virtually. Those planning to attend in person can still expect to receive this email. Members of these groups do not need to register to attend virtually; however, members of the public and any other interested parties that are not already members of these groups will be required to register to attend virtually by Monday, February 5, 2024. To register, please visit www.orsanco.org/registration and submit the registration form. A link to register is also available on www.orsanco.org under the "News" section.

Some additional background on the scheduled events and agenda items follow:

Tuesday, February 6:

1:00 P.M.

Technical Committee Meeting – TEC's meeting agenda includes: A presentation on the National Great Rivers Research and Education Center on tracking nutrient loading trends by Dr. Alejandra Botero-Acosta, National Great Rivers Research and Education Center, and Maxwell Burnette, University of Illinois ; a presentation by Dr. Patrick Ray on the influence of reservoirs on Ohio River low flows; a presentation by Brian Storz on Kentucky's river basin coordinators and

projects; staff presentations include PCBs trends in fish tissue, interim results of ORSANCO's broad scan survey, preliminary results of bacteria trends analyses and real-time monitoring for bacteria, ORSANCO program updates, and a summary of ORSANCO's response to the E. Palestine spill, and the role of ORSANCO's spill model in estimating plume travel times; staff will be presenting a basin-wide compilation of impaired waterbodies and will be asking the states to verify that the information is correct.

Wednesday, February 7:

7:30 A.M.	Audit Committee Meeting (Audit Committee members)
8:30 A.M. – 12:00 Noon	Technical Committee Meeting continues
1:15 P.M.	Roundtable Issues Forum – Background information on the Forum topics follows: ORSANCO’s staff, with the Commission’s concurrence and involvement, have been working with numerous partners including the Ohio River Basin Alliance (ORBA), the USACE and the National Wildlife Federation on the development of the Ohio River Basin Restoration Plan. This plan is nearing completion and a draft of the plan is anticipated to be completed by April 1, 2024. The objective of this Roundtable Issues Forum is to secure input and strategic guidance from the Commission on how the Ohio River Basin Restoration Plan review and implementation should proceed.
3:15 P.M.	Executive Session of Commissioners – Commissioners/Proxies only
5:30 P.M.	Chair’s Reception
7:00 P.M.	Dinner at Metropolitan Club

Thursday, February 8:

9:00 A.M. 238th Commission Meeting – Background information on some of the agenda items follows:

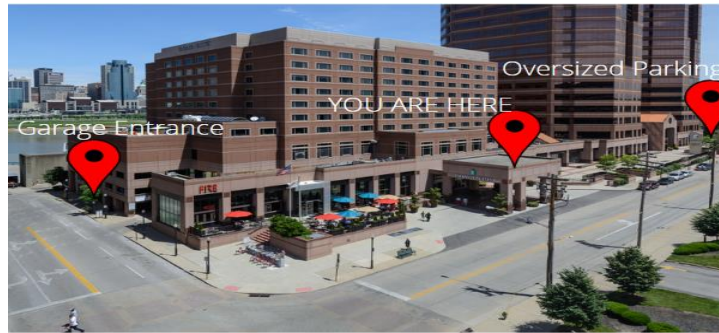
Item 1 – The Chair will be providing his report including recognition of employees reaching 5-year employment milestones and recognition of outgoing Commissioner Davitt Woodwell.

Item 3 – A report by the Audit Committee Chair, John Hoopingarner and ORSANCO's Auditor will be given on ORSANCO's FY23 independent auditor report.

Item 6 – A report by Technical Committee Chair, Scott Mandirola will be given on outcomes of the February 6-7 Technical Committee Meeting.

We look forward to meeting with you next month.

Embassy Suites Rivercenter – Parking Guide



The lobby is located 1 floor above ground level. When entering from the front entrance you will need to enter the hotel, and take the first set of elevators to the “L” Lobby Level to reach the Front Desk.

Directions to the parking garage entrance:

The garage entrance is located on the small street (Madison Ave) between Marriott and Embassy Suites. From the main entrance you will drive to the right of the building towards the Marriott, at the stop sign turn right, and the entrance for the garage is on the right.

Parking is available in the attached, covered garage connected to the Embassy Suites. Please do not park in the lot across the street, as we cannot validate those tickets.

Oversized parking:

From the main entrance you will drive to the left and come to a stop sign. At that stop sign you will continue straight, as you come to the other side of the intersection you will take the only left. If you’ve gone under the bridge underpass, you’ve gone too far. Once you make the left, you will come through the parking turn style straight back to the flood wall, and turn left. Here you will find parking for oversized vehicles. If you continue straight you find additional oversized parking options.

ADA parking:

Handicap parking is located on levels G1 (1 level below street level) & G4 of the Garage. G1/G4 level garage elevator goes directly to “SL” Street Level and “L” Lobby level.

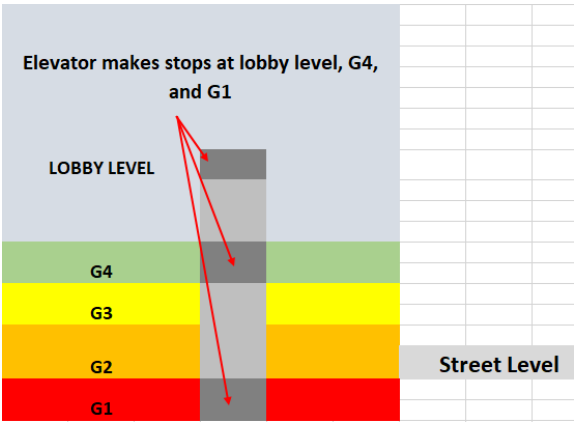
Entering the Embassy Suites from the parking garage:

G1 and G4 levels have direct elevator access to our lobby. Follow the signs for the hotel entrance once in the garage.

If you park on G2 or G3 please note there is no direct access to the hotel, you will need to come up steps in order to get to the hotel elevator.

Take all elevators to “L” for Lobby Level to reach the Front Desk, and “SL” Street Level for the hotel entrance to Rivercenter Blvd.

Embassy Suites Rivercenter – Parking Guide



When you enter the garage a parking ticket will be printed for you. Each time you enter/exit the parking garage you will receive a new parking ticket that will need to be validated each time at the Front Desk



238th Commission Meeting
Embassy Suites RiverCenter
Covington, Kentucky
GoToMeeting Virtual for Guests
Thursday, February 8, 2024
9:00 A.M. (ET)

Chair John Hoopingarner, Presiding

COMMISSION MEETING AGENDA

PLEDGE OF ALLEGIANCE

QUORUM CALL – Commissioner Secretary/Treasurer Joseph Harrison, Jr.

PUBLIC PARTICIPATION

- Introduction of Guests and Staff
 - Comments by Guests on Commission Agenda Items
-

COMMISSION ACTION ITEMS AND COMMITTEE REPORTS

1. Report of the Chair – Commission Chair John Hoopingarner
 - Recognition of Staff Reaching Five-Year Employment Milestones
 - Recognition of Pennsylvania Commissioner Davitt Woodwell
 - Chair Comments
 2. Report of the Executive Director – Richard Harrison
 - Executive Director Comments
 3. Report of the Audit Committee – Commissioner John Hoopingarner
 4. Action on Minutes of October 12, 2023 – Commissioner Joseph Harrison, Jr., Secretary/Treasurer
 5. Report of the Treasurer – Commissioner Joseph Harrison, Jr., Commission Secretary/Treasurer
 6. Report and Recommendations; February 6-7 Technical Committee Meeting – Commissioner Proxy Scott Mandirola, Committee Chair
 7. Report of the Water Users Advisory Committee – Chris Bobay, Committee Chair
 8. Report of the Public Information Advisory Committee – Betsy Mallison Bialosky, Committee Chair
 9. Report of the Watershed Organizations Advisory Committee – Heather Hulton VanTassel, Committee Chair
 10. Report of the Publicly Owned Wastewater Treatment Works Advisory Committee – Reese Johnson, Committee Chair
 11. Report of the Chemical Industry Advisory Committee – Kathy Beckett, Committee Chair
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OTHER BUSINESS

- Comments by Guests/Others
 - Upcoming Commission Meetings
 - June 11-13, 2024
 - October 8-10, 2024
 - February 11-13, 2025
 - Adjourn
- Galt House, Louisville, Kentucky
Sheraton, Charleston, West Virginia
TBD

OHIO RIVER VALLEY WATER SANITATION COMMISSION

SCHEDULE OF EVENTS

238th Commission Meeting
Embassy Suites RiverCenter
Covington, Kentucky
with GoToMeeting Virtual for Guests
February 6-8, 2024
(All Times ET)

<u>DATE/TIME</u>	<u>FUNCTION</u>	<u>LOCATION</u>
<u>Tuesday, February 6, 2024:</u>		
12:00 P.M.	TEC Luncheon	Atrium
1:00 P.M. – 5:00 P.M.	TEC Meeting	Captain's View/ City View Ballroom
6:00 P.M.	Dinner	Roebling III
<u>Wednesday, February 7, 2024:</u>		
7:30 A.M.	Audit Committee Meeting (Audit Committee Members)	Taylor Boardroom
8:30 A.M.	TEC Meeting – Continued	Captain's View/ City View Ballroom
11:00 A.M – 1:00 P.M.	FORE Meeting (FORE members only)	Taylor Boardroom
12:00 P.M. – 1:00 P.M.	Lunch	Atrium
1:15 P.M.	Roundtable	Captain's View/ City View Ballroom
3:00 PM	Public Interest Advisory Committee Members Meeting	Taylor Boardroom
3:15 P.M	Executive Session of Commissioners (Commissioners/Proxies only)	Captain's View/ City View Ballroom
5:30 P.M.	Chairman's Reception	NEAT Bar
7:00 P.M.	Dinner	Metropolitan Club
<u>Thursday, February 8, 2024:</u>		
9:00 A.M.	Commission Meeting	Captain's View/ City View Ballroom

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Chair	Number: 1
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input checked="" type="checkbox"/> N/A	Action Required: <input type="checkbox"/> Information Only <input checked="" type="checkbox"/> Motion
Prepared by: Richard Harrison Presentation by: Chair John Hoopingarner		

KEY CONSIDERATIONS:

- Chair John Hoopingarner will introduce a resolution honoring Pennsylvania Commissioner Davitt Woodwell's service to ORSANCO.
- Chair John Hoopingarner will be recognizing ORSANCO staff members who have reached five-year employment milestones of dedicated service to ORSANCO.
- Chair John Hoopingarner will provide brief comments.

BUDGET/STAFF IMPLICATIONS:

- None

RECOMMENDATION:

- Staff recommends that the Commission **adopt Resolution 1-24 to recognize Pennsylvania Commissioner Davitt Woodwell for distinguished service to the Commission, its partners and the citizens of the Ohio River Basin.**
- Recognition of five-year milestones is for information only.
- Chair comments are for information only.

BACKGROUND/HISTORY:

- The Chair presides at all meetings, appoints committees, signs all official orders or other official documents of the Commission, and performs all other duties appropriate to the office of the Chair of the Commission.
- The Vice Chair presides at the Commission Meeting in the absence of the Chair.
- The Chair serves as the Chair of the Executive Committee and may participate in the deliberations of any committee created by the Commission.
- The Chair's term of office is July 1 through June 30.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Executive Director	Number: 2
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input checked="" type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Richard Harrison Presentation by: Executive Director Richard Harrison		

KEY CONSIDERATIONS:

- The Executive Director will provide a report on ORSANCO activities since the October 12, 2023 ORSANCO Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- None

RECOMMENDATION:

- For information only

BACKGROUND/HISTORY:

- The Executive Director is the Chief Executive Officer of the Commission, and administrative head of the Commission staff.
- The Executive Director performs such duties including the signing of contracts as may be assigned by the Commission, the Chair or the Executive Committee.

Ohio River Valley Water Sanitation Commission

COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Audit Committee	Number: 3
Attachments: • None	Committee Type: <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input type="checkbox"/> Information Only <input checked="" type="checkbox"/> Motion
Prepared by: David Bailey Presentation by: Committee Chair John Hoopingarner		

KEY CONSIDERATIONS:

- A single audit is being performed by Clark Schaefer Hackett for period ending June 30, 2023.
- The audit director from Clark, Schaefer will present the audit findings to the Audit Committee on February 7, 2024 and provide an opportunity to discuss the findings.
- The Audit Committee will report on the audit and outcomes of its February 7th meeting at the February 8, 2024 Commission meeting.

BUDGET/STAFF IMPLICATIONS:

- None

RECOMMENDATION:

- Any Audit Committee recommendations from the February 7, 2024 meeting that need to be approved by the Commission will be presented at the Thursday, February 8, 2024 Commission meeting.

BACKGROUND/HISTORY:

- The Audit Committee shall be composed of at least three Commissioners. It shall review the outside auditor's year-end report and shall present it to the Commission. It shall have authority to conduct an audit of all books and accounts of the Commission at any time. The Audit Committee, at the regularly scheduled meeting of the Commission immediately prior to the beginning of each new fiscal year, shall present for approval by the Commission a recommendation for designation of a certified public accountant to serve as outside auditor for the next fiscal year.
- Current Committee members include Commissioners John Hoopingarner (Chair), Bruce Herschlag, Spencer Bruce (Pension Committee Chair), Doug Conroe, David Miracle, Holly Christmann, Lou Ann Jessee Wallace and Joseph Harrison, Jr. (Commission Secretary/Treasurer)).

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Adoption of October 13, 2022 Commission Meeting Minutes	Number: 4
Attachments: <ul style="list-style-type: none">October 12, 2023 Commission Meeting Minutes	Committee Type: <input type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input checked="" type="checkbox"/> N/A	Action Required: <input type="checkbox"/> Information Only <input checked="" type="checkbox"/> Motion
Prepared by: Tracey Edmonds Presentation by: Commission Secretary/Treasurer Joseph Harrison, Jr.		

KEY CONSIDERATIONS:

- The draft minutes of the October 12, 2023 Commission meeting were prepared by staff and reviewed in draft form by Commission Secretary/Treasurer David Flannery.
- The minutes were subsequently distributed to Commissioners on January 18, 2024.

BUDGET/STAFF IMPLICATIONS:

N/A

RECOMMENDATION:

- The Secretary/Treasurer recommends **adoption of the October 12, 2023 Commission meeting minutes as presented** because they reflect the proceedings of the meeting.

BACKGROUND/HISTORY:

N/A

OHIO RIVER VALLEY WATER SANITATION COMMISSION

MINUTES

**237th Commission Meeting
Sheraton Columbus Hotel at Capitol Square
Columbus, Ohio
Thursday, October 12, 2023**

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OHIO RIVER VALLEY WATER SANITATION COMMISSION

MINUTES

**237th Commission Meeting
Sheraton Columbus Hotel at Capitol Square
Columbus, Ohio
Thursday, October 12, 2023**

Chair John Hoopingarner, Presiding

Call to Order

Chair Hoopingarner called the 237th meeting of the Ohio River Valley Water Sanitation Commission to order at 9:00 A.M., Thursday, October 12, 2023.

Executive Director Harrison led the Pledge of Allegiance.

Quorum Call

Commissioner Joe Harrison certified that a quorum was present (see Roster of Attendance, page 9).

Report of the Chair

Commission Chair Hoopingarner recognized outgoing Chair Toby Frevert and presented him with glass artwork made by Commissioner Wilson. Chair Hoopingarner then thanked Executive Director Harrison and staff for their hard work. He welcomed new Proxy Commissioner Damianos Skaros representing Commissioner Basil Seggos of New York and we look forward to working with him. Chair Hoopingarner looks forward to this year and the efforts we will be putting forth to further our mission.

Report of the Executive Director

Executive Director Harrison thanked outgoing Chair Frevert, who has been a great mentor to him during the past year and his entire career with ORSANCO. He looks forward to serving under Chair Hoopingarner and echoes his comments regarding staff; everything we do depends on our great staff. He announced that the 2023 annual report is complete and we will contact each Commissioner on how they would like it transmitted to their Governors and President. Some states ask that we send it on their behalf, others deliver it themselves. We will recognize Commissioner Davitt Woodwell in February, who announced his retirement from his position at Pennsylvania Environmental Council and also on the Commission at the end of this year. We will hold at least one more Environmental Justice meeting under Commissioner Woodwell's leadership between now and the end of the year and then transition to Commissioner Holly Christmann's leadership as the Ad Hoc Committee Chair.

We received a request for a copy of the permits and review from the last meeting and accommodated that request. For this report, staff received and reviewed 3 NPDES permits (2 draft and 1 modification) to ensure compliance with provisions of the ORSANCO's Pollution Control Standards. The reviews were completed in accordance with the established PCS Implementation Procedures. The specific permits reviewed included:

1. City of Weirton Sanitary Board (WV0023108) at Ohio River Mile 66.3
2. Mason County PSD (WV0086886) at ORM 260.3
3. Mounds Production Company, LLC (IL0077674) at ORM 974

Executive Director is excited to have Reese Johnson chair the Publicly Owned Wastewater Treatment Works Advisory Committee. He will give a brief report on the Committee to the Commission during Thursday's Commission meeting. We have been working diligently to re-establish the committee. He stated that a big reason ORSANCO was originally formed was to work with wastewater and industrial discharges and encourage wastewater treatment to our interstate waters. He also thanked Kathy Beckett for agreeing to chair the Chemical Industry Advisory Committee.

Action on Minutes

Executive Director Harrison noted that Bruce Herschlag should be added to the attendance list of the June Commission meeting minutes.

ACTION: Motion by Commissioner Harrison, second by Commissioner Frevert and unanimously carried, that the minutes of the 236th meeting of the Commission, be amended as presented.

Motion by Commissioner Harrison, second by Commissioner Wilson and unanimously carried, that the minutes of the 236th meeting of the Commission, be adopted as presented.

Report of the Treasurer

A Treasurer's report as of June 30, 2023, was provided in the agenda materials for this meeting.

The report indicates a balance of \$1,667,046 in accounts receivable due the Commission. The balance represents \$1,594,737 due from federal sources, and \$72,309 due from other sources.

Additionally, the report indicates receipts of \$3,783,091 plus carryover of \$4,093,109 totaling \$7,876,203 through the end of June 2023. Of that amount \$3,801,893 was expended on programs, leaving \$4,074,310 available for the continuation of ORSANCO's programs.

Report of the Technical Committee

TEC Chair Scott Mandirola gave the following report:

The Technical Committee held its 233rd meeting over the past two days. All eight states, two federal agencies, and all five advisory committees were represented. A summary of the meeting follows:

New H2Ohio Initiatives to Address Concerns Regarding Forever Chemicals & Rising Salinity Levels in Ohio's Rivers and Shallow Aquifers

Bob Miltner with Ohio Environmental Protection Agency reported contamination by forever chemicals, commonly referred to by the acronyms PFAS or PFOA, is increasingly an environmental concern. US EPA recently published draft aquatic life criteria as part of an effort to begin managing that class of pollutants. Recent sampling by the States of Michigan and Ohio, and by ORSANCO has shown that PFAS & PFOA are typically detected in water quality samples at vanishingly low concentrations, but occasional hot spots have been detected in Michigan via measuring concentrations in fish tissue. Ohio plans to assess the potential for large rivers in the state to exceed the proposed aquatic life criteria by measuring PFAS & PFOAs according to Method 1633 in water column samples, aggregated macroinvertebrate samples, and in whole body and fillet fish tissue samples. This presentation describes the study plan and contextual background.

Chloride concentrations have been trending up in in some Ohio streams and shallow aquifers, especially those in suburban catchments. Studies across the northern US and southern Canada have revealed similar trends. In some instances, chloride contamination has degraded drinking water supplies, and has caused erstwhile dimictic lakes to become meromictic. In Ohio, chloride contamination in urban catchments is limiting to aquatic life, and often exceeds the US EPA chronic standard of 230 mg/l. The source of chloride contamination is largely from road salting. The states of Minnesota, New Hampshire and Wisconsin have developed education and outreach programs to facilitate adoption of best management practices by winter maintenance professionals. The H2Ohio initiative for chloride seeks to fund education and outreach workshops similar to those employed by Minnesota, New Hampshire and Wisconsin, as well as provide small grants for cost share of equipment purchases to modernize snow removal and deicing equipment. This presentation provides a brief overview of the environmental consequences of chloride contamination and a description of the “Smart Salting” education programs.

Pennsylvania Surface Water PFAS Sampling: “Per- and polyfluorinated alkyl substances (PFAS) in Pennsylvania Surface Waters: A statewide assessment, associated sources, and land-use relations”

Amy Williams with Pennsylvania Department of Environmental Protection presented on a study completed by USGS and PA DEP coordinated work. This “Science of the Total Environment” article was published August 25, 2023. The study quantifies PFAS in PA surface waters and attempts to identify associations with potential sources of PFAS contamination and other parameters. Raw concentrations found in stream surface waters were also compared to human and ecological benchmarks.”

Results of Ohio River Fish Tissue Contaminants Monitoring for PFAS

Rob Tewes with ORSANCO staff Biological Programs presented on the status of PFAS analysis in fish tissue. In 2021 ORSANCO added 35 per- and polyfluoroalkyl substances (PFAS) to its suite of fish tissue contaminants analytes. The Program will have a total of 50 composite samples with accompanying PFAS analysis by 2024. There are currently a number of guidance documents that outline fish consumption advisory categories for PFAS. The documents are currently under ORSANCO staff review. Although no fish consumption advisory recommendations for PFAS will be issued by ORSANCO in the near future as comparatively few samples have been collected, no ORSANCO fish tissue samples analyzed for PFAS fall into a consumption advisory category more restrictive than 1 meal / week for total PFOS (all samples to date are ND for PFOA).

The Cincinnati Smart Sewers Story

Reese Johnson with Metropolitan Sewer District of Greater Cincinnati presented on Cincinnati’s Smart Sewer System. MSD of Greater Cincinnati has transformed their collection system into the smartest sewers in the country. The presentation covered the drivers, early wins, current uses and future plans for their Smart Sewer system. 1000 sensors were installed in the sewer system to better understand how wet weather flows behave. A decision support system was put in place, along with engineering systems to store and route wet weather flows to maximize storage in the collection system and minimize wet weather discharges. Their efforts thus far have reduced wet weather discharges from 11 billion gallons annually to 6 billion gallons annually.

ORSANCO's Contact Recreation/Bacteria Monitoring and Analyses Initiatives

Stacey Cochran with ORSANCO staff reported on the Contact Recreation/ Bacteria Monitoring program sampling efforts and also the historical dataset that is available and used to produce the Bacteria Trends Report. Staff presented an update to the 2018 Bacteria Trends report which spans over 2001-2022 and focuses on *E.coli* Geometric Mean at all historical sites. Staff also discussed a side-by-side comparison study of Colilert Method and real-time Proteus Instrument funded by a WV 604b grant.

ORSANCO Biological Programs Update

Ryan Argo with ORSANCO staff reported on the progress of the 2023 field season. Electrofishing surveys were successfully completed in this year's probabilistic pools of New Cumberland and Cannelton. Macroinvertebrate samplers will be retrieved over the course of the next few weeks. Crews also successfully completed data collections on behalf of member states from these pools including: electrofishing samples on Little Beaver Creek, additional fish tissue collections for IDEM, and paired water samples at each site for KDOW. ORSANCO staff also completed field surveys of 47 of the 92 NRSA events scheduled for completion between 2023 and 2024. These data will be submitted to USEPA by the end of the month. Staff plan to discuss the results of this field season with the Biological Water Quality Subcommittee in early 2024.

Algae/Nutrients Update

Greg Youngstrom with ORSANCO staff Agenda Item 9: Algae/Nutrients Update

Staff provided an update on ORSANCO's algae and nutrient efforts. Funding is available to ORSANCO through the Hypoxia Task Force as part of the Bipartisan Infrastructure Law. A total of \$400,000 is available to be spent over 4 years. ORSANCO submitted a proposal to increase sampling in key areas to improve nutrient load models, and to hold a once per year meeting of the Ohio River Sub Basin Committee. This project is expected to begin January 1, 2024.

Staff provided an overview of the response to an algae bloom which occurred on August 1st and lasted 10 days. This algae was not toxin producing, but did cause filter clogging issues at numerous water plants. Staff detailed the development and use of the HAB app which is an online HAB prediction model for the Ohio River. This model was developed in partnership with USEPA, National Weather Service, and Neptune, Inc., and is the only HAB forecast model for a river in the United States.

ORSANCO Source Water Protection Programs Update

Sam Dinkins with ORSANCO staff provided an overview of the ongoing activities associated with the Commission's Source Water Protection and Emergency Response programs. This included an update on an active period for the Organics Detection System Program which included securing a grant to purchase a new GC/MS for the Parkersburg station, efforts to relocate the Maysville site to the Thomas More University Field Station, and receiving a used GC/MS from the Pittsburgh Water & Sewer Authority to upgrade the station at West View Water Authority near Pittsburgh. The Committee was also briefed on a multi-agency effort to improve spill response preparedness for a 317-mile stretch of the Ohio River from the Markland Locks & Dam to the Wabash River confluence at the Indiana-Illinois state border.

Report of the Water Users Advisory Committee (WUAC)

Committee Chair Bobay, Louisville Water, reported they held a meeting on September 19-20 at Northern Kentucky Water District in Erlanger, Kentucky.

River Update

I'm happy to report it has been a quiet summer growing season for most of the river. Aside from a short filamentous diatom bloom, resulting in a large pH spike and challenging filter operations, there have been no significant widespread water quality issues reported on the river main stem, despite low flow conditions since mid-May. Some river systems in the middle river report ongoing taste and odor issues, requiring treatment, likely related to sediment bacteria and a lack of any significant bed scour in the past four months. So, member utilities anxiously await a good flush and reset, which may not come for another month or so.

ODS Update

I'm also happy to report that the Organics Detection System is expanding. We've been down two sites at Parkersburg and Maysville. ORSANCO staff have worked diligently to resource new GC installations at the Chemours Facility and at the Thomas More Field Station. Staff also worked to replace an aging GC at Portsmouth. Two other existing ODS stations have or will be donating used GCMS instruments to be repurposed by ORSANCO staff in 2024.

At the request of the Commission, we are working to stand up another round of the NextGen ODS work group to take a fresh look at existing network assets and explore options for enhancing basin coverage and broadening analytical capabilities. We last convened this work group in 2018. That work involved broad stakeholder input, comprehensive assessment of monitoring gaps and opportunities, and a breakdown of the costs/benefits of various options. Ultimately, we brought a series of recommendations to the Commission for consideration. I envision a similar approach this time around. And I hope to share more about this effort in future meetings.

Emergency Preparedness Training

Finally, I want to underscore the importance of ongoing training for spill response and emergency preparedness. The Committee is grateful for the Commission's work, during and since the East Palestine incident, to get ORSANCO technical staff a seat at the table on Ohio River spill response and a larger voice among the state and federal emergency management community. The Committee encourages the Commission to continue working across state agencies and EPA regions to ensure ORSANCO staff are plugged in and not on the outside looking in. The Committee was glad to hear that ORSANCO staff recently participated in an EPA spill response and ICS training exercise. Our committee Vice-Chair, Erika Pauken, with West Virginia American Water, is planning a similar tabletop training in Huntington next month. These trainings are important. They not only serve the participants, but they also serve to inform and equip the larger basin network, including water users.

Report of the Public Information Advisory Committee

Committee Chair, Betsy Mallison Bialosky, reported the following virtually:

PIACO met virtually on September 21. We received updates from the staff on FORE programs. Richard provided an update on the ORBA Summit and the Ohio River Basin Restoration Plan.

Our group discussed the River Sweep activities. ORSANCO received \$101,000 in funding support with another \$42,000 pending. New sponsors include Shell Polymers and Milacron/MilaComm. Some 4,000 volunteers participated in 95 cleanup events this year, picking up 80 tons of trash with 205 miles of the river basin covered.

There will be an end of the season event on Oct. 31 at Schmidt Fields boat ramp in Cincinnati. Plans are being made for a multi-state kickoff event in the spring and a potential event with Rotary clubs in early summer.

Annette continues to co-chair the Ohio River Way Coalition Clean Ohio River committee which is focused on the success of River Sweep programs and educational activities. Through September, the ORSANCO staff has done 50 educational events and reached 12,731 people.

ORSANCO received a \$25,000 grant from the Ohio EPA OEFF program to offer free educational programs to lower income schools and replace deteriorating program supplies. EQT provided \$5,000 to add additional free programs to students in the Pennsylvania/Ohio and West Virginia regions.

Staff continues to finalize the draft five-year strategic plan which was presented to the Commission during a roundtable event during the February meeting. The communication planning will begin in the fall and ORSANCO will be reaching out to PIACO, state public information officers and numerous other partners for input. PIACO plans to meet again in November to help with the plan.

Report of the Watershed Organizations Advisory Committee (WOAC)

Chris Tavenor, Committee Chair, presented the following report:

1. **Quarterly meeting.** The committee met on October 3 and prioritized discussing the following topics, as well as other items:
 - Discussions regarding ORSANCO's Environmental Justice committee
 - PFAS and Alert Systems
 - Ohio River Basin Restoration Plan
2. **ORSANCO Environmental Justice committee.** While WOAC recognizes the staff of ORSANCO have a lot on their plate and need to prioritize their work, we recommend that the EJ committee agrees to meet at a regular cadence and establish a scope of work for ORSANCO when it comes to EJ work. We recognize the current transition period of the chair, and understand the effort will need to wait until the transition is complete. Integrating principles of environmental justice into an organization's work takes time and effort, but it can be immensely rewarding to both an organization and the communities it serves if pursued in a thoughtful and deliberate manner.
3. **PFAS and Alert Systems.** Our committee appreciates all the studies and data collection ORSANCO has conducted over the past few years pertaining to PFAS and its impact on the Ohio River. In our committee meeting last week, we discussed a few recommendations for future PFAS work. Specifically, we think it is essential to figure out how to trace PFAS discharge back to original sources where possible, in order to systematically identify the places where pollution can be reduced or eliminated moving forward. NPDES permit requirements may be one way to achieve this goal.

We also discussed the importance of pollution alert systems, which is a specialty of ORSANCO. However, we recommend identifying additional ways to integrate nonprofits into those alert systems, not just government organizations. Many NGOs are trusted in communities where, for one reason or another, government institutions may not be as trusted. When it comes to combating misinformation about pollution, nonprofits can play a pivotal role in validating information to communities and potentially helping bridge trust gaps that may exist with governmental entities. We're reflecting on this opportunity in the context of recent crises like East Palestine.

4. **Ohio River Basin Restoration Plan.** Our organizations are excited to see a draft of the Ohio River Basin Restoration Plan come to fruition by the end of the year, setting the stage for advocacy at the federal level in 2024.

Report of the Publicly Owned Wastewater Treatment Works Advisory Committee (POTW)

Reese Johnson, Committee Chair, presented the following report virtually:

Reese introduced himself. He is the Superintendent of Compliance Services for the Metropolitan Sewer District and reports to the Director on all issues relating to our Safety, Environment, Industrial Waste, and Consent Decree Reporting compliance, and oversees all of our sampling and analysis activities conducted by our NELAC certified laboratory. In that role, he ensures MSD is safe NOW, compliant today, and ready for the future! He is honored to be the new Chair of the Publicly Owned Treatment Works Advisory Committee to the Commission.

He is excited to report that the POTW Advisory Committee has reconvened after a period of inactivity. We held a hybrid meeting on Thursday, September 28 at ORSANCO headquarters with representatives of several POTWs on the Ohio, Director Harrison, and several ORSANCO staff, including our new staff liaison Stacey Cochran.

Our first order of business is to reinvigorate the engagement of POTWs, starting with the 6 largest CSO communities on the Ohio (as you know: Pittsburgh, Wheeling, Huntington, Cincinnati, Louisville, and Evansville). We discussed current and future issues of interest to POTWs and received a great presentation by Jason and Stacey on ORSANCO's current initiatives relating to bacteria and contact recreation. One example of the synergy this committee can leverage is ORSANCO's and MSD of Cincinnati's shared interest in real-time COD/BOD monitoring equipment, and we plan on sharing lessons learned from testing the Proteus sensor suite.

We established a future cadence to reconvene through 2024. He looks forward to working with POTW Committee members and ORSANCO staff to advise the Commission in the coming years.

Comments by Guests

No comments presented.

Upcoming Meetings

Chair Frevert noted the following schedule for upcoming Commission meetings:

- February 6-8, 2024 – Covington, Kentucky
- June 11-13, 2024 – Louisville, Kentucky
- October 8-10, 2024 – Charleston, West Virginia

Adjournment

The 237th meeting of the Commission was adjourned at 9:44 A.M.

Minutes approved by:

Insert Signature Once Approved at Commission Meeting

Joseph Harrison, Jr., Secretary/Treasurer

Prepared by Tracey Edmonds

DRAFT

ROSTER OF ATTENDANCE
237th Commission Meeting
October 12, 2023

Commissioners

Illinois	Scott Twait (PROXY for Director John Kim) Toby Frevert
Indiana	John Kupke (virtual) Joseph Harrison, Jr.
Kentucky	Spencer Bruce John Lyons (PROXY for Lt. Governor Jacqueline Coleman) Carey Johnson (PROXY for Secretary Rebecca Goodman)
New York	Mike Wilson Douglas Conroe Damianos Skaros (PROXY for Basil Seggos – virtual)
Ohio	Anne Vogel John Hoopingarner Holly Christmann
Pennsylvania	Sue Weaver/Bevin Buchheister (PROXY for Secretary Richard Negrin – virtual) Bruce Herschlag (virtual)
West Virginia	Scott Mandirola (PROXY for Secretary Harold Ward) Ronald Potesta David Flannery
Virginia	Jeffrey Hurst (PROXY for Director Michael Rolband)
Federal	David Miracle George Elmaraghy Tom FitzGerald (virtual)
Legal Counsel	Aaron Herzig

Executive Director

Richard Harrison

Staff

David Bailey (virtual), Sam Dinkins, Tracey Edmonds (virtual), Joe Gilligan, Nick Guthier, Jason Heath, Adam Scott, Annette Shumard

Guests

Kathy Beckett – Chemical Industry Advisory Committee
Betsy Mallison Bialosky – Public Information Advisory Committee (virtual)
Chris Bobay – Water Users Advisory Committee
Reese Johnson – Publicly Owned Wastewater Treatment Works Advisory Committee (virtual)
Aaron Smith – Ohio EPA
Chris Tavenor – Watershed Organizations Advisory Committee
Matt Thompson – ICL Industrial Products
Nicole Tremblay – Louisville Water Company (virtual)

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Treasurer	Number: 5
Attachments: <ul style="list-style-type: none">Treasurer's Report as of September 30, 2023	Committee Type: <input type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input checked="" type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Joe Gilligan Presentation by: Commission Secretary/Treasurer Joseph Harrison, Jr.		

KEY CONSIDERATIONS:

- ORSANCO's Comptroller compiles Fiscal Year to Date ORSANCO financial data in both short form and in detailed spreadsheet format to be presented to the Commission.
- The Treasurer's Report as of September 30, 2023 indicates that the Commission has accounts receivable totaling \$2,562,292 at the end of September 2023.
- The receipts of \$2,563,691 plus the carryover of \$3,896,767 totals \$6,460,458 through the end of September 2023. Of that amount, \$1,137,781 was expended on programs, leaving resources of \$5,322,677 for the continuation of ORSANCO's programs.

BUDGET/STAFF IMPLICATIONS:

- The Treasurer's Report provides a financial snapshot for the period covered in the report.

RECOMMENDATION:

- Information Only

BACKGROUND/HISTORY:

- The Treasurer has custody of all funds of the Commission and makes reports to Program & Finance and to the Commission.
- The Program & Finance Committee met on May 11, 2023 to review staff's recommend budget for fiscal year 2024.
- The Commission adopted the Program & Finance Committee's recommendation to approve the fiscal year 2024 budget at its June 29, 2023 Commission Meeting.

Memo

Ohio River Valley Water Sanitation Commission

SINCE 1948

*Improving Water Quality in the
Ohio River for 75 Years*

5735 Kellogg Avenue

Cincinnati, Ohio 45230

Telephone: (513) 231-7719

Fax: (513) 231-7761

**Agenda Item 5
238th Commission Meeting
February 8, 2024**

DATE: January 18, 2024
TO: Commissioners
FROM: Joseph Harrison, Jr.
SUBJECT: Treasurer's Report as of September 30, 2023

The Treasurer's Report is presented in both the short form and the detailed spreadsheet format.

The report indicates that the Commission has accounts receivable totaling \$2,562,292 at the end of September 2023. The balance in accounts receivable is detailed as follows:

Federal Sources	\$1,475,450	106 WPC Grant
	375,675	Monitoring Initiative & NRSA
	22,500	OH EPA 604(b) WQ Monitoring
	25,947	WV WQMP Bacteria Trends
	8,876	IDEM Fish Tissue Collection
	<u>116,337</u>	IDEM 604(b) Continuous Monitoring
	\$2,024,785	
Signatory States	\$327,200	Kentucky
	300	New York
	<u>112,425</u>	West Virginia
	\$439,925	
Other Sources	\$45,262	Ohio River Sweep
	<u>52,319</u>	Foundation for Ohio River Education
	\$97,581	

The receipts of \$2,563,691 plus the carryover of \$3,896,767 equals \$6,460,458 through the end of September 2023. Of that amount, \$1,137,781 was expended on programs, leaving resources of \$5,322,677 available for the continuation of ORSANCO's programs.

The Ohio River Valley Water Sanitation Commission

Treasurer's Report

Through September 30, 2023

<u>RESOURCES</u>	Carryover @ 7-1-23	Earned Income	Total	FY24 Budget	% Budget	Resources @ 9/30/23
Carryover July 1, 2023						
Restricted Operating Reserve Funds	\$600,000		\$600,000	\$600,000		\$600,000
Building & Equipment Capital Account	\$228,324	\$0	\$228,324	\$223,184		\$228,324
ODS Equipment Capital Account	\$226,944	\$0	\$226,944	\$180,563		\$371,653
Restricted Program Funds	\$225,059	\$0	\$225,059	\$278,527		\$449,659
Unrestricted Funds	\$2,616,440	\$0	\$2,616,440	\$2,454,553		\$3,673,041
Prepaid Expense	<u>\$0</u>		\$0			
States		\$1,468,600	\$1,468,600	\$1,439,700		
US EPA						
106 Grant Federal FY 23		\$0	\$0			
106 Grant Federal FY 24		\$335,153	\$335,153	\$1,545,400		
Other Federal Grant Programs						
Monitoring Initiative & NRSA		\$178,321	\$178,321	\$0		
IDEM 604(b) Continuous Monitoring		\$57,821	\$57,821	\$150,000		
IDEM Fish Tissue Collection		\$7,761	\$7,761	\$16,766		
OEPA 604(b) ODS Data		\$22,500	\$22,500	\$51,650		
WV604(b) WQMP Bacteria Trends		\$17,711	\$17,711	\$31,155		
Multipurpose Grant Program		\$0	\$0	\$33,039		
Non-Federal Projects						
Ohio River Sweep (FORE)		\$9,562	\$9,562	\$66,861		
Foundation for Ohio River Education		\$15,710	\$15,710	\$61,626		
Ohio River Basin Alliance		\$0	\$0	\$0		
Ohio River Sourcewater Protection		\$20,000	\$20,000	\$180,000		
EPRI WQ Trading Landowner Funding		\$0	\$0	\$0		
Other Non-Federal Projects		\$65,943	\$65,943	\$144,449		
Other Income		\$364,609	\$364,609	\$4,217		
Total Resources	<u>\$3,896,767</u>	<u>\$2,563,691</u>	<u>\$6,460,458</u>	<u>\$7,461,690</u>	86.6%	<u>\$5,322,677</u>
<u>EXPENDITURES</u>						
Personnel Expenses			\$585,763	\$2,123,715	27.6%	
Travel			\$61,937	\$276,048	22.4%	
Supplies			\$60,247	\$234,480	25.7%	
Telephone			\$2,649	\$10,464	25.3%	
Equipment			\$0	\$172,000	0.0%	
Office & Utilities			\$5,471	\$21,480	25.5%	
Equipment Repairs & Maintenance			\$44,383	\$85,930	51.7%	
Contractual Services			\$331,228	\$640,471	51.7%	
Printing & Reproduction			\$1,230	\$9,400	13.1%	
Lab Fees & Deliveries			\$44,873	\$367,236	12.2%	
Total Expenses			<u>\$1,137,781</u>	<u>\$3,941,224</u>	<u>28.9%</u>	
<u>RESOURCES AVAILABLE</u>			<u>\$5,322,677</u>			

OHIO RIVER VALLEY WATER SANITATION COMMISSION
COMBINED STATEMENT OF REVENUES AND EXPENSES
AND AVAILABLE RESOURCES - ALL FUNDS
THROUGH SEPTEMBER 30, 2023

RESOURCES	ORSANCO GENERAL ACCOUNT	Internal WPC	106 WPC	EMAP Training	Monitoring Initiative & NRSA	Stream Gauge Transfer	River Users	EPRI WQ Trading Landowner Funding
Carryover on July 1, 2023	\$0.00	\$0	\$0.00	\$0.00	\$0.00	\$943	\$83,771	\$49,934
Prepaid Maintenance		\$0						
INCOME								
State Funding	\$1,468,600							
PA DEP								
Other Program Funding	\$0.00	\$0				\$65,943	\$0	\$0
U.S. EPA		\$0	\$335,153		\$178,321			
In-Kind Services								
Transfer of River Users Funds to Programs							\$0	
Transfer of State Funds to Programs	(\$419,336.82)	\$321,994	\$99,419	\$0	\$0	\$0	\$0	\$0
Transfer of Other Funds to Programs		\$0						
Transfer of Funds Encumbered for PP Maintenance								
Miscellaneous	\$0							
Interest								
Fines and Settlements	\$217,420	\$0						
Total Resources	\$1,049,263	\$321,994	\$434,572	\$0	\$178,321	\$66,886	\$83,771	\$49,934
ACCOUNTS RECEIVABLE								
USEPA		\$0	\$1,475,450	\$0	\$375,675			
Signatory States	\$439,925							
Other Program Funding		\$0		\$0		\$0		\$0
TOTAL RESOURCES LESS A/R	\$609,338	\$321,994	(\$1,040,878)	\$0	(\$197,354)	\$66,886	\$83,771	\$49,934
EXPENDITURES								
Payroll	\$102,528.17	\$84,821	\$142,224	\$0	\$45,411	\$0	\$0	\$0
Employee Benefits	\$36,952	\$41,573	\$69,710	\$0	\$22,258	\$0	\$0	\$0
Staff Travel	\$4,512	\$5,907	\$18,174	\$0	\$28,530	\$0	\$0	\$0
Commission Travel	(\$2,068)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Advisory Committee Travel	\$297	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Associations & Memberships	\$12,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supplies	\$5,754	\$13,516	\$2,917	\$0	\$3,852	\$0	\$0	\$0
Telephone	\$2,493	\$156	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Lease	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rent	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utilities	\$5,471	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Maintenance	\$978	\$0	\$173	\$0	\$0	\$0	\$0	\$0
Facility Maintenance	\$42,879	\$0	\$0	\$0	\$354	\$0	\$0	\$0
Vehicle, Building, Equipment Insurance	\$19,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Shipping & Delivery	\$42	\$249	\$5,894	\$0	\$1,254	\$0	\$0	\$0
Reproduction	\$1,230	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Printing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$40,210	\$93,335	\$36,399	\$0	\$27,255	\$59,956	\$0	\$0
Lab Analysis	\$0	\$125	\$21,065	\$0	\$5,340	\$0	\$0	\$0
Legal & Accounting Fees	\$10,326	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Educational	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DIRECT EXPENSES	\$283,290	\$239,683	\$296,556	\$0	\$134,254	\$59,956	\$0	\$0
IN-KIND SERVICE								
INDIRECT EXPENSE ALLOCATION	(\$290,628)	\$82,311	\$138,015	\$0	\$44,067	\$0	\$0	\$0
TOTAL DIRECT & INDIRECT EXPENSES	(\$7,337)	\$321,994	\$434,572	\$0	\$178,321	\$59,956	\$0	\$0
Balance before Transfers & Adjustments	\$1,056,601	\$0	\$0	\$0	\$0	\$6,930	\$83,771	\$49,934
Prepaid Maintenance	\$0							
Interfund Transfer	(\$1,056,601)	\$0		\$0				
BALANCE - Resources - Expenses	\$0	\$0	\$0	\$0	\$0	\$6,930	\$83,771	\$49,934

**OHIO RIVER VALLEY WATER SANITATION COMMISSION
COMBINED STATEMENT OF REVENUES AND EXPENSES
AND AVAILABLE RESOURCES - ALL FUNDS
THROUGH SEPTEMBER 30, 2023**

RESOURCES	WV WQMP Bacteria Trends	OH EPA WQ Monitoring ODS	IDEM Fish Tissue Collection	IDEM 604(b) Continuous Monitoring	Ohio River Source Water Protection	Sweep	Foundation for Ohio River Education	Ohio River Basin Alliance
Carryover on July 1, 2022	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$10,411
Prepaid Maintenance								
INCOME								
State Funding								
PA DEP								
Other Program Funding	\$0				\$20,000	\$9,562	\$15,710	\$0
U.S. EPA	\$17,711	\$22,500	\$7,761	\$57,821				
In-Kind Services								
Transfer of River Users Funds to Programs								
Transfer of State Funds to Programs		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer of Other Funds to Programs					\$0			
Funds Encumbered for Prepaid Maintenance								
Miscellaneous								
Interest								
Fines and Settlements					\$0			
Total Resources	\$17,711	\$22,500	\$7,761	\$57,821	\$100,000	\$9,562	\$15,710	\$10,411
ACCOUNTS RECEIVABLE								
USEPA	\$25,947	\$22,500	\$8,876	\$116,337				
Signatory States								
Other Program Funding		\$0	\$0		\$0	\$45,262	\$52,319	\$0
TOTAL RESOURCES LESS A/R	(\$8,236)	\$0	(\$1,115)	(\$58,516)	\$100,000	(\$35,700)	(\$36,609)	\$10,411
EXPENDITURES								
Payroll	\$5,747	\$0	\$2,326	\$9,775	\$0	\$2,644	\$6,379	\$0
Employee Benefits	\$2,817	\$0	\$1,140	\$4,791	\$0	\$1,296	\$3,126	\$0
Staff Travel	\$348	\$0	\$2,038	\$939	\$0	\$19	\$15	\$3,227
Commission Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Advisory Committee Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Associations & Memberships	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supplies	\$131	\$0	\$0	\$2,392	\$0	\$0	\$0	\$0
Telephone	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Lease	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rent	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Facility Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Vehicle, Building, Equipment Insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Shipping & Delivery	\$0	\$0	\$0	\$250	\$0	\$3,036	\$0	\$0
Reproduction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Printing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$22,500	\$0	\$25,665	\$0	\$0	\$0	\$0
Lab Analysis	\$3,093	\$0	\$0	\$4,524	\$0	\$0	\$0	\$0
Legal & Accounting Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Educational	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DIRECT EXPENSES	\$12,135	\$22,500	\$5,504	\$48,336	\$0	\$6,996	\$9,520	\$3,227
IN-KIND SERVICE								
INDIRECT EXPENSE ALLOCATION	\$5,576	\$0	\$2,257	\$9,485	\$0	\$2,566	\$6,190	\$0
TOTAL DIRECT & INDIRECT EXPENSES	\$17,711	\$22,500	\$7,761	\$57,821	\$0	\$9,562	\$15,710	\$3,227
Balance before Transfers & Adjustments	(\$0)	\$0	(\$0)	(\$0)	\$100,000	(\$0)	\$0	\$7,184
Prepaid Maintenance								
Interfund Transfer					\$0			
BALANCE - Resources - Expenses	(\$0)	\$0	(\$0)	(\$0)	\$100,000	(\$0)	\$0	\$7,184

**OHIO RIVER VALLEY WATER SANITATION COMMISSION
COMBINED STATEMENT OF REVENUES AND EXPENSES
AND AVAILABLE RESOURCES - ALL FUNDS
THROUGH SEPTEMBER 30, 2023**

RESOURCES	Life Below The Waterline	Total Restrcted Program Funds	Unrestricted Funds	Restricted Operating	Reserve Funds Building & Equipment	ODS Equipment Replacement	Total Activities
Carryover on July 1, 2022	\$0	\$225,059	\$2,616,440	\$600,000	\$228,324	\$226,944	\$3,896,767
Prepaid Maintenance		\$0					\$0
INCOME							
State Funding		\$1,468,600					\$1,468,600
PA DEP		\$0					\$0
Other Program Funding	\$0	\$111,215			\$0	\$0	\$111,215
U.S. EPA		\$619,267					\$619,267
In-Kind Services		\$0					\$0
Transfer of River Users Funds to Programs		\$0					\$0
Transfer of State Funds to Programs	\$404	\$2,480			(\$2,480)		\$0
Transfer of Other Funds to Programs	\$0	\$0					\$0
Funds Encumbered for Prepaid Maintenance		\$0					\$0
Miscellaneous		\$0			\$0		\$0
Interest		\$0			\$2,480		\$2,480
Fines and Settlements	\$0	\$217,420			\$0	\$144,709	\$362,129
Total Resources	\$404	\$2,644,041	\$2,616,440	\$600,000	\$228,324	\$371,653	\$6,460,458
ACCOUNTS RECEIVABLE							
USEPA		\$2,024,785					\$2,024,785
Signatory States		\$439,925					\$439,925
Other Program Funding	\$0	\$97,582					\$97,582
TOTAL RESOURCES LESS A/R	\$404	\$81,749	\$2,616,440	\$600,000	\$228,324	\$371,653	\$3,898,165
EXPENDITURES							
Payroll	\$164	\$402,019	\$0	\$0	\$0	\$0	\$402,019
Employee Benefits	\$80	\$183,744	\$0	\$0	\$0	\$0	\$183,744
Staff Travel	\$0	\$63,707	\$0	\$0	\$0	\$0	\$63,707
Commission Travel	\$0	(\$2,068)	\$0	\$0	\$0	\$0	(\$2,068)
Advisory Committee Travel	\$0	\$297	\$0	\$0	\$0	\$0	\$297
Associations & Memberships	\$0	\$12,597	\$0	\$0	\$0	\$0	\$12,597
Supplies	\$0	\$28,562	\$0	\$0	\$0	\$0	\$28,562
Telephone	\$0	\$2,649	\$0	\$0	\$0	\$0	\$2,649
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Lease	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rent	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utilities	\$0	\$5,471	\$0	\$0	\$0	\$0	\$5,471
Equipment Maintenance	\$0	\$1,504	\$0	\$0	\$0	\$0	\$1,504
Facility Maintenance	\$0	\$42,879	\$0	\$0	\$0	\$0	\$42,879
Vehicle, Building, Equipment Insurance	\$0	\$19,088	\$0	\$0	\$0	\$0	\$19,088
Shipping & Delivery	\$0	\$10,726	\$0	\$0	\$0	\$0	\$10,726
Reproduction	\$0	\$1,230	\$0	\$0	\$0	\$0	\$1,230
Printing	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$320,902	\$0	\$0	\$0	\$0	\$320,902
Lab Analysis	\$0	\$34,147	\$0	\$0	\$0	\$0	\$34,147
Legal & Accounting Fees	\$0	\$10,326	\$0	\$0	\$0	\$0	\$10,326
Educational	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DIRECT EXPENSES	\$245	\$1,137,781	\$0	\$0	\$0	\$0	\$1,137,781
IN-KIND SERVICE		\$0	\$0				
INDIRECT EXPENSE ALLOCATION	\$159	(\$0)	\$0	\$0	\$0	\$0	(\$0)
TOTAL DIRECT & INDIRECT EXPENSES	\$404	\$1,137,781	\$0	\$0	\$0	\$0	\$1,137,781
Balance before Transfers & Adjustments	\$0	\$1,506,260	\$2,616,440	\$600,000	\$228,324	\$371,653	\$5,322,677
Prepaid Maintenance		\$0	\$0				
Interfund Transfer	\$0	(\$1,056,601)	\$1,056,601		\$0	\$0	\$0
BALANCE - Resources - Expenses	\$0	\$449,659	\$3,673,041	\$600,000	\$228,324	\$371,653	\$5,322,677

Ohio River Valley Water Sanitation Commission

COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report and Recommendations; February 6-7, 2024 Technical Committee Meeting	Number: 6
Attachments: • TEC Agenda	Committee Type: <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input type="checkbox"/> Information Only <input checked="" type="checkbox"/> Motion
Prepared by: Jason Heath Presentation by: Committee Chair Scott Mandirola		

KEY CONSIDERATIONS:

- The Commission Technical Committee (TEC) will conduct its 234th meeting in-person at the Embassy Suites RiverCenter, Covington, KY, and virtually, on February 6-7, 2024, prior to the February 8, 2024 Commission meeting.
- The meeting agenda includes: A presentation by Dr. Alejandra Botero-Acosta and Maxwell Burnette on the National Great Rivers Research and Education Center on tracking nutrient loading trends, a presentation by Dr. Patrick Ray on the influence of reservoirs on Ohio River low flows, and a presentation by Brian Storz on Kentucky's river basin coordinators and projects. TEC will be asked to endorse the draft 2024 305b assessments. Additional staff presentations include PCBs trends in fish tissue, interim results of ORSANCO's broad scan survey, preliminary results of bacteria trends analyses and real-time monitoring for bacteria, ORSANCO program updates, and a summary of ORSANCO's response to the E. Palestine spill, and the role of ORSANCO's spill model in estimating plume travel times. Staff will be presenting a basin-wide compilation of impaired waterbodies and will be asking the states to verify that the information is correct.
- Committee Chair Mandirola will provide a report of the TEC meeting at the February 8, 2024 Commission meeting.

BUDGET/STAFF IMPLICATIONS:

- The Technical Committee reviews technical programs and makes recommendations to the Commission to be considered during the Program and Finance Committee's Program and Budget development process.
- The Commission has staff time to perform Committee liaison work and to facilitate the meetings, and work of the Committee's Workgroups and Subcommittees.

RECOMMENDATION:

- Any TEC recommendations from the February 6-7, 2024 TEC meeting that need to be approved by the Commission will be presented at the February 8, 2024 Commission Meeting.

BACKGROUND/HISTORY:

- The Technical Committee (TEC) serves as the technical arm of the Commission and studies, discusses and evaluates technical questions of concern or interest to the Commission.
- It is composed of a Chair, who is a Commissioner appointed by the Commission Chair with one member from each of the signatory states as designated by the Commissioners of each state. TEC includes a member designated by the United States Commissioners to represent federal interests. Up to three additional members may be appointed by the Commission Chair.
- The Chief Engineer of the Commission is an ex officio voting member of TEC and the Chair of the Public Information Advisory Committee, Chemical Industry Advisory Committee, Power Industry Advisory Committee, Publicly Owned Wastewater Treatment Works Advisory Committee, Watershed Organizations Advisory Committee and Water Users Advisory Committee are ex officio, non-voting members of TEC.
- TEC has established workgroups and subcommittees to assist with Committee activities including: 305b Coordinators Workgroup, Biological Subcommittee, Emergency Response Coordinators Workgroup, Fish Consumption Advisory Workgroup, HABs Workgroup, Monitoring Strategy Subcommittee, NPDES Subcommittee, ODS Operators Workgroup, Source Water Assessment Workgroup; Stream Criteria Subcommittee, TMDL Coordinators Workgroup, PFAS Workgroup, and Bimonthly/Clean Metals Programs Review Workgroup.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Water Users Advisory Committee	Number: 7
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input checked="" type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Sam Dinkins Presentation by: Committee Chair Chris Bobay		

KEY CONSIDERATIONS:

- The Water Users Advisory Committee met on January 23, 2024.
- The Report of the Committee shall be provided at the February 8, 2024 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- Travel related expenses to support committee meetings are covered by the Commission.
- The Commission has staff time to support Water Users Advisory Committee liaison work.

RECOMMENDATION:

- Information Only

BACKGROUND/HISTORY:

- The Water Users Advisory Committee provides input to the Commission on matters related to water treatment.
- Appointed representatives to the Committee are designated by the Chair of the Commission from companies or agencies which operate water treatment plants.
- The Chair of this Committee serves as a representative to ORSANCO's Technical Committee and the Ohio River Users Program Advisory Committee.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Public Information Advisory Committee	Number: 8
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input checked="" type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: David Bailey Presentation by: Committee Chair Betsy Mallison Bialosky		

KEY CONSIDERATIONS:

- The Public Information Advisory Committee met February 7, 2024.
- The Report of the Committee shall be provided at the February 8, 2024 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- The Commission covers travel, lodging, and meeting expenses incurred for Advisory Committee Members.
- The Commission has staff time to serve as liaison to the Committee and to help provide support to the Committee as needed.

RECOMMENDATION:

- For Information Only

BACKGROUND/HISTORY:

- A Public Information Advisory Committee, composed of citizens residing in the Compact states, shall advise the Commission on Commission programs, outreach, procedures and communication methods. The Commission Chair annually shall appoint members of this committee, including when possible a member from each signatory state and at least three (3) at large members. These members, shall serve on a voluntary basis and be reimbursed by the Commission, for their expenses in attending meeting of their committee as budgeted by the Commission, and upon invitation of the Commission Chair, meetings of the Commission and the Technical Committee.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Watershed Organizations Advisory Committee	Number: 9
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Richard Harrison Presentation by: Committee Chair Heather Hulton VanTassel		

KEY CONSIDERATIONS:

- The Watershed Organizations Advisory Committee met on January 24, 2024.
- The Report of the Committee shall be provided at the February 8, 2024 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- The Commission does not assume any meeting expenses incurred for Special Interests Stakeholder Advisory Committee Members.
- The Commission has staff time to serve as liaison to the Committee and to help provide support to the Committee as needed.

RECOMMENDATION:

- Information Only

BACKGROUND/HISTORY:

- The Watershed Organizations Advisory Committee is a Special Interests Stakeholder Advisory Committee to the Commission formed to provide advice to the Commission for its program of regional pollution control.
- The Committee was established through Commission action at its February 11, 2016 Commission Meeting.
- The Committee is responsible for appointment of their membership and organization.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Publicly Owned Wastewater Treatment Works Advisory Committee	Number: 10
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input checked="" type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Richard Harrison Presentation by: Committee Chair Reese Johnson		

KEY CONSIDERATIONS:

- The Publicly Owned Wastewater Treatment Works Advisory Committee met on January 25, 2024.
- The Report of the Committee shall be provided at the February 8, 2024 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- Travel related expenses to support committee meetings are covered by the Commission.
- The Commission has staff time to support Publicly Owned Wastewater Treatment Works Advisory Committee liaison work.

RECOMMENDATION:

- Information Only

BACKGROUND/HISTORY:

- The Publicly Owned Wastewater Treatment Works Advisory Committee provides input to the Commission on matters related to wastewater treatment.
- The committee is comprised of representatives of wastewater treatment departments or districts or other public agencies.
- These agencies also work to supply the Commission with data as a part of a basin wide water quality monitoring system.
- Appointed representatives to the Committee are designated by the Chair of the Commission from companies or agencies which operate water treatment plants.
- The Chair of this Committee serves as a representative to ORSANCO's Technical Committee and the Ohio River Users Program Advisory Committee.

Ohio River Valley Water Sanitation Commission
COMMISSION MEETING COMMUNICATION

Meeting Date: February 8, 2024	Subject: Report of the Chemical Industry Advisory Committee	Number: 11
Attachments: <ul style="list-style-type: none">• None	Committee Type: <input type="checkbox"/> Standing <input checked="" type="checkbox"/> Advisory <input type="checkbox"/> Ad-Hoc <input type="checkbox"/> N/A	Action Required: <input checked="" type="checkbox"/> Information Only <input type="checkbox"/> Motion
Prepared by: Richard Harrison Presentation by: Committee Chair Kathy Beckett		

KEY CONSIDERATIONS:

- The Chemical Industry Advisory Committee met on January 25, 2024.
- The Report of the Committee shall be provided at the February 8, 2024 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

- The Commission does not assume any meeting expenses incurred for Special Interests Stakeholder Advisory Committee Members.
- The Commission has staff time to serve as liaison to the Committee and to help provide support to the Committee as needed.

RECOMMENDATION:

- Information Only

BACKGROUND/HISTORY:

- The Chemical Industry Advisory Committee is a Special Interests Stakeholder Advisory Committee to the Commission formed to provide advice to the Commission for its program of regional pollution control.
- The Committee was re-established through Commission action at its October 9, 2014 Commission Meeting.
- The Committee is responsible for appointment of their membership and organization.