Memo

Ohio River Valley Water Sanitation Commission

SINCE 1948

Improving Water Quality in the Ohio River for over 60 Years 5735 Kellogg Avenue Cincinnati, Ohio 45230 Telephone: (513) 231-7719 Fax: (513) 231-7761

DATE: May 19, 2016

TO: Commissioners

FROM: Richard Harrison, Executive Director

SUBJECT: Transmittal of Resource Materials and Schedule for 215th Commission Meeting

and 211th Technical Committee Meeting

June 7-9, 2016

Enclosed for your information and preparation are the agendas, attachments and related resource documents for the upcoming 215th Commission Meeting, as well as the 211th Technical Committee (TEC) Meeting to be held in Pittsburgh, Pennsylvania. The meetings will be held at the Sheraton Pittsburgh Hotel at Station Square; the address is 300 W. Station Square Drive, Pittsburgh, PA 15219; the telephone number is 412-261-2000. Pittsburgh International Airport is approximately 17 miles from the hotel; however, depending on traffic it can take anywhere from 20-50 minutes. Transportation options from the airport to hotel:

- o Super Shuttle which is the airport shuttle service for a cost of \$24 one way or \$46 round trip (www.supershuttle.com or call 800-blue-van).
- o Basic taxi service costs approximately \$30-\$35 each way depending upon traffic from the airport.
- o Uber The property is very Uber friendly, very reliable and cost effective.

Parking is \$23.00 per day and \$25.00 with in-and-out access (if guests want to park and leave multiple times throughout the day). There is a full garage across the street as well as 3 parking lots right next to hotel, all with the same rates.

The Schedule of Events provides for the Technical Committee (TEC) to meet from 1 p.m. on Tuesday June 7, and concluding by 12:00 p.m. on Wednesday, June 8. Following a group lunch on Wednesday, Commissioners, Proxies and other attendees will meet in a Roundtable; later that afternoon, Commissioners and Proxies will meet in Executive Session. The 215th Commission meeting will be held on Thursday morning, June 9. Suggested attire is business-casual through Wednesday and business on Thursday.

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

Tuesday, June 7:

12:00 Noon: Lunch will be available for members of the Technical Committee,

Commissioners who have arrived and staff.

1:00 P.M.: Technical Committee Meeting – TEC's agenda includes discussions

concerning: draft 2016 305b report and future monitoring needs to update assessments for Dioxin, PCBs and bacteria, reports on ORSANCO studies, fish tissue contaminants update, revision of Ohio River HABs Response & Communications Plan, Source Water Protection Program update, reports from technical subcommittees and

work groups, and an update on US Coast Guard initiatives.

Wednesday, June 8:

8:30 A.M: Technical Committee Meeting continues

12:00 P.M.: Lunch for Commissioners, TEC, guests and staff

1:00 P.M. - 2:00 P.M.: Roundtable of Commissioners – Background material attached

2:15 P.M. – 5:00 P.M.: Executive Conference of Commissioners – The agenda for the Executive

Conference is enclosed for Commissioners and Proxies.

5:30 P.M.: Chairman's Reception

Thursday, June 9:

9:00 A.M.: 215th Commission Meeting — Background on some of the agenda items

follows:

Item 5 – The agenda and supporting materials for the Technical

Committee meeting are included separately in this mailing.

Item 6 – The Program and Finance Committee met at ORSANCO Headquarters on April 26. The Committee will recommend a program of Commission activities for fiscal year 2017 and the associated budget

together with state funding levels for fiscal year 2019.

Item 8 – The Nominating Committee will present its recommendations for Commission officers for fiscal year 2017 (July 1, 2016 - June 30

2017).

We look forward to seeing you next month.



215th Commission Meeting Sheraton Pittsburgh Hotel at Station Square Pittsburgh, Pennsylvania Thursday, June 9, 2016 9:00 A.M. (EST)

Chairman Douglas Conroe, Presiding

COMMISSION MEETING AGENDA

PLEDGE OF ALLEGIANCE AND QUORUM CALL

PUBLIC PARTICIPATION

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

COMMISSION ACTION ITEMS AND COMMITTEE REPORTS

- 1. Action on Minutes of February 11, 2016
- 2. Report of the Treasurer
- 3. Report of the Chairman
- 4. Report of the Executive Director
- 5. Report and Recommendations; June 7-8 Technical Committee Meeting Commissioner Wilson, Chairman
- 6. Report of the Program and Finance Committee Commissioner Lovan, Chairman
 - a. Adoption of Program and Budget for FY2017
 - b. Recommendations for States' Funding for FY2019
- 7. Report of the Research Committee Commissioner Frevert, Chairman
- 8. Report of the Nominating Committee; Proposed Slate of Officers for 2016-17 Commissioner Duritsa, Chairman
- 9. Report of the Ohio River Users Program Advisory Committee Commissioner Potesta, Chairman
- 10. Report of the Ad Hoc Committee on Mercury Studies Commissioner Kupke, Chairman
- 11. Report of the Water Users Advisory Committee Bruce Whitteberry, Chairman
- 12. Report of the Watershed Organizations Advisory Committee Judy Petersen, Chairman

OTHER BUSINESS

- Comments by Guests
- Upcoming Meetings

October 4-6, 2016
February 7-9, 2017
June 6-8, 2017
Owensboro, Kentucky
Covington, Kentucky
TBD

Adjourn

SCHEDULE OF EVENTS

215th Commission Meeting Sheraton Pittsburgh Hotel at Station Square Pittsburgh, Pennsylvania June 7-9, 2016

DATE/TIME	FUNCTION	LOCATION
<u>Tuesday, June 7, 2016:</u>		
12:00 P.M.	TEC Lunch	Brighton IV
1:00 P.M. – 5:00 P.M.	TEC Meeting	Brighton I-III
Wednesday, June 8, 2016:		
8:30 A.M.	TEC Meeting – Continued	Brighton I-III
12:00 P.M.	Lunch	Brighton IV
1:00 P.M. – 2:00 P.M.	Roundtable Issues Forum	Brighton I-III
2:15 P.M. – 5:00 P.M.	Executive Conference of Commissioners (Commissioners/Proxies only)	Brighton I-III
5:30 P.M.	Chairman's Reception (Cash Bar)	Fountainview Room
Thursday, June 9, 2016:		
9:00 A.M. – 11:00 A.M.	Commission Meeting	Brighton I-III

Meeting Date: June 9, 2010		ubject: Action on Commission Minutes of Februa	ary 11, 2016	Number: 1
Attachments: • February 11, 2 Minutes	2016	Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	Action Required Information Or	
Prepared by:	David Bailey	Presentation by: Secre	tary/Treasurer Stua	rt Bruny

KEY CONSIDERATIONS:

- The Commission met on February 11, 2016 in Covington, Kentucky.
- The minutes of the February 2016 Commission meeting were drafted by staff and reviewed by Commission Secretary/Treasurer Bruny.
- The draft minutes were subsequently made available for review on the Commissioners' web portal.

BUDGET/STAFF IMPLICATIONS:

None

RECOMMENDATION:

• The Secretary/Treasurer recommends adoption of the February 2016 Commission meeting minutes as presented because they reflect the proceedings of the meeting.

BACKGROUND/HISTORY:

None

OHIO RIVER VALLEY WATER SANITATION COMMISSION

MINUTES
214th Commission Meeting
Embassy Suites RiverCenter Covington, Kentucky Thursday, February 11, 2016

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achment I: Resolution 3-16 - Motion to amend the Bylaws to invite the participation of a new committee and to authorize the establishment of a new public information work group

OHIO RIVER VALLEY WATER SANITATION COMMISSION

MINUTES
214th Commission Meeting **Embassy Suites RiverCenter** Covington, Kentucky Thursday, February 11, 2016

Chairman Douglas Conroe, Presiding

 $\frac{\textbf{Call to Order}}{\textbf{Chairman Conroe called the } 214^{th} \ \ \textbf{meeting of the Ohio River Valley Water Sanitation}$ Commission to order at 9:00 A.M., Thursday, February 11, 2016.

Quorum Call

Commissioner Lovan certified that a quorum was present (see Roster of Attendance, page 11).

Comments by Guests

Judy Peterson, representing Kentucky Water Ways Alliance, commented on the petition for the formation of a Watershed Advisory Committee, presented to the Commission in June 2015. Ms. Peterson believes that the Committee, if approved, will create better understanding and discussion among all interested parties regarding water quality issues.

Action on Minutes

ACTION:

Motion by Commissioner Duritsa, second by Commissioner Elmaraghy and unanimously carried, that the minutes of the 213th meeting of the Commission, electronically distributed on January 21, 2016, be adopted as presented.

Report of the Treasurer

Commissioner Wilson, reporting on behalf of the Treasurer, noted that a Treasurer's Report as of December 31, 2015 was provided in the meeting folder.

The report indicates a balance of \$837,251 in accounts receivable due the Commission as of December 31, 2015. The balance represents \$467,300 due from Signatory States, \$343,092 from Federal sources, and \$26,859 due from other sources.

Additionally, the report indicates receipts of \$2,313,953 plus carryover of \$1,684,061 totaling \$3,998,014 through the end of December 2015. Of that amount \$1,393,190 was expended on programs, leaving resources of \$2,604,824 available for the continuation of ORSANCO's programs.

Commissioner Wilson also noted that \$456,224 of the receivable balance had been collected since December 31, 2015. In addition, the Commission has received an approved 106 award and US EPA Region 5 has made partial funds available. He concluded by reporting that the cash balance is approximately \$2.1 million, cash flow remains appropriate, and ORSANCO remains in a strong financial position.

ACTION: Motion by Commissioner Wilson, second by Commissioner Elmaraghy and unanimously carried, to receive the Treasurer's Report as presented.

Report of the Audit Committee

Commissioner Wilson, Committee Chairman, introduced Patrick Frambes from the audit firm Barnes Dennig to provide an overview of the June 30, 2015 audit findings. Mr. Frambes reported that ORSANCO's audit was an "unmodified" audit with no deficiencies or material weaknesses found in internal controls. He noted the excellent condition of the accounting records, resulting in no required adjustments, and the open cooperation of staff. Mr. Frambes also brought additional attention to the new audit requirement of reporting net pension liabilities on the statement of net position.

Commissioner Wilson continued by reporting that a 2015 Independent Auditors' Report was provided in the meeting packet.

The report indicates that Barnes Dennig, Certified Public Accountants, performed a general-purpose financial audit for fiscal year ending June 30, 2015.

In the auditor's opinion, the general-purpose financial statements present fairly, in all material respects, the financial position of ORSANCO as of June 30, 2015. There were no internal control related findings or issues. The audit report is an "unmodified" report.

Due to a new accounting standards change this year, which requires the recognition of the Commission's net pension liability, the Commission is presenting a deficit in its unrestricted net position. The Commission was advised of this change in February 2015.

This is the fifth audit performed by Barnes Dennig. Extending this audit engagement, under the oversight of a new Barnes Dennig audit director, will provide audit continuity through FY16. The Committee recommends retaining Barnes Dennig to perform the June 30, 2016 audit.

ACTION:

Motion by Commissioner Wilson, second by Commissioner Kupke and unanimously carried, to accept the Independent Auditor's Report and the Committee recommendation to retain Barnes Dennig to perform the June 30, 2016 financial audit.

Report of the Chairman

Chairman Conroe provided the following report to the Commission:

It's an honor to chair such a viable and dynamic Commission. The October Commission meeting seems like ages ago, yet it feels like it was just yesterday. The dynamism of Commission activity that has occurred since our last gathering has been so multi-faceted and fast-paced that it has been a real challenge to keep up with the calendar of events. My thank you goes out to staff and committee chairs that have been so diligent in their duties. It has been a privilege to sit in on the various teleconferences and meetings that have occurred. We will be hearing this morning from ten different committees on the progress of their work. Every Commissioner has been involved in one manner or another, and numerous Commissioners have had multiple involvements. Regular ongoing business has continued, and new thrusts are being explored. Even as diverse as we are, commonality of purpose and collaboration is producing a programmatic consensus of progress in addressing the many challenges that currently confront this Commission.

Our October session was noted for the Pollution Control Standards decisions that were made, and the harmful algal bloom challenges that were being faced. This February's series of meetings has found us reporting on the mid-year progress of our program plan implementations, developing the materials that will be necessary for formulating next year's program when the Program and Finance Committee convenes this coming spring, learning about mercury and microplastics challenges, and having the opportunity to quite possibly welcome a new stakeholder group to the table to round out our connectivity with the community at large.

I have had numerous conversations with our Executive Director since our last convening. Richard has performed an excellent job of keeping us Commissioners well-informed about business developments, and I thank him for his diligence. You can be assured that ORSANCO is being properly managed by Richard and the staff. February always gives us an opportunity to better interact with staff due to our location here close to headquarters. I hope that everyone has taken the opportunity to do such. It has been delightful for me to see a strong staff attendance and participation. I always encourage staff to attend Commissioner gatherings.

Initially, ORSANCO brought sewage treatment to the main stem; since then, we've been deeply involved in the developments of discharge standards and the science of the river. What we have learned has been phenomenal, and one can only imagine what we have left to learn. As one Commissioner remarked yesterday, we have gone from studying parts per million to parts per billion, and now we are starting to think about parts per trillion. The impact of that knowledge has yet to be felt, although I think that we recognize that the time is coming when we will have to work in the parts per trillion management arena. We need to start thinking about this, and we need to be ready. I submit that status quo of management simply is not going to be acceptable in the new age. Chatting with another Commissioner, the reality of the proliferance of lawsuits was frustratingly related. It's a new age. Tertiary treatment needs will be unavoidable. We've previously talked a bit about emerging contaminants. This session, we talked about microplastics. My recommendation is that we set aside time to find a way to follow-up upon these new challenges. Experience has taught us that it is better to lead than to react. Social politics are going to force the States to react. As a servant of the States, ORSANCO can lead the States to cost-effectively meet the challenges that we all know are coming.

Thinking of the challenges that might be faced today, I need to report that I have asked staff to take a hard look at our policies, procedures, and knowledge points with the thought of lessons that have been learned from the recent Flint, Michigan experience. Do we have the appropriate red flags in place for data analysis and the appropriate reporting protocols in place for when a red flag appears? Are there parameters that we can and should observe but are not currently observing? Our physical situation is different than Flint's, although there certainly might be some situations that would otherwise apply to us. I've asked staff to envision those situations and plan accordingly.

At the opening of this session, new faces at the table were recognized. Change is normal, and this course causes us to take time to acknowledge those who have served and are no longer present. With sadness, last month we experienced the passing of Pennsylvania Department of Environmental Protection ORSANCO Representative Andrew Zemba. His service to ORSANCO, the Commonwealth, and the environmental community has been significant. We extended our condolences to the family. Also last month, we received US EPA's Region 5 Director Susan Hedman's resignation as an ORSANCO Commissioner due to her leaving office with US EPA. We wished her well for her next sojourn and now invite Commissioner Elmaraghy to at this time offer our traditional resolution of appreciation to her.

Lastly this month, we have received the retirement resignation notice from long-term ORSANCO Commissioner Philip Morgan of Illinois, and I invite Commissioner Toby Frevert to offer a resolution of appreciation which we will personally transmit to Phil at a later date.

Recognition of Service

Commissioner Elmaraghy presented the following resolution:

RESOLUTION 1-16 RECOGNITION OF SERVICE SUSAN HEDMAN

WHEREAS, Susan Hedman has served as a Commissioner to the Ohio River Valley Water Sanitation Commission from 2014 to 2016, representing the United States Federal Government, and

WHEREAS, Ms. Hedman has provided faithful and diligent service to the Commission, and

WHEREAS, Ms. Hedman actively worked to help advance the Commission's goals, and

WHEREAS, Ms. Hedman has earned the esteem and friendship of her fellow Commissioners, and

WHEREAS, Ms. Hedman, as Region 5 Administrator for the Environmental Protection Agency, has devoted her efforts to protecting the Ohio River Basin environment,

Now therefore be it resolved, that the Commissioners of the Ohio River Valley Water Sanitation Commission express their heartfelt gratitude for Ms. Hedman's service, and wish her all the best in her future endeavors.

ACTION: Motion by Commissioner Elmaraghy, second by Commissioner Frevert and unanimously carried, to adopt Resolution 1-16 as presented.

Commissioner Frevert presented the following resolution:

RESOLUTION 2-16 RECOGNITION OF SERVICE PHILLIP C. MORGAN

WHEREAS, Phillip C. Morgan has served as a Commissioner to the Ohio River Valley Water Sanitation Commission from 1990 to 2016, representing the State of Illinois, and

WHEREAS, Mr. Morgan has provided faithful and diligent service to the Commission serving on numerous Committees, serving as chair of several committees including long term service as Pension Committee Chairman, and

WHEREAS, Mr. Morgan served as Chairman of the Commission in 1998-99, and

WHEREAS, Mr. Morgan has earned the esteem and friendship of his fellow Commissioners, and

WHEREAS, Mr. Morgan has served the citizens of Danville, Illinois, as Director of the Danville Sanitary District,

Now therefore be it resolved, that the Commissioners of the Ohio River Valley Water Sanitation Commission express their heartfelt gratitude for Mr. Morgan's long term service, and wish him all the best in his future endeavors

ACTION: Motion by Commissioner Frevert, second by Commissioner Kupke and unanimously carried, to adopt Resolution 2-16 as presented.

Report of the Executive Director

Executive Director Richard Harrison began by reporting that ORSANCO was recently invited to apply for a West Virginia 604-B grant to study contaminants in fish from the Kanawha and Monongahela Rivers in West Virginia. ORSANCO welcomes these types of opportunities from the states as part of ongoing funding initiatives.

Mr. Harrison then commented on the recent communication to Commissioners outlining the positive outcomes of an amendment to the ODS STAG grant. He noted the diligent staff teamwork involved in initiating this grant amendment. Remaining grant funds are able to support three years of equipment maintenance agreements which will have some positive impact on the budget.

Mr. Harrison then reported on cold weather monitoring activities. He noted that appropriate monitoring safety protocols have been developed and that cold weather suits have been purchased for staff. As an added safety precaution during cold weather, a third person has been added to the monitoring crew.

Mr. Harrison then directed attention to the Commissioner Resource Guide, which was made available to all Commissioners. This guide was originally developed for new Commissioner orientation but may also serve as a valuable resource for all Commissioners. This information is also available on the Commissioners' web portal and the paper copy will not be updated. He also noted the good work of staff to develop this guide. Mr. Harrison also noted that copies of the 2015 Version of the Pollution Control Standards were available.

Lastly, Mr. Harrison commented on the excellent ORSANCO staff and that everyone pitches in to support all program activities when needed.

Report of the Pension Committee

Commissioner Harrison reported that the Actuarial Report, compiled by Buck Consultants, indicated that the Pension Plan had assets with a market value of \$3,610,810 and a funded ratio of 74.3% as of July 1, 2015. This reflects a 4.8% funded ratio decrease over the previous year, primarily due to the required implementation of a new mortality table.

Fund assets are currently invested through PNC Institutional Investments, with a 50% stock and 50% bond allocation. The Pension Committee recommends continuing with this investment strategy.

The Committee will continue monitoring and reviewing the Plan. It appears to be prudent to consider the Pension Plan in the context of the overall financial health of ORSANCO over the next 2-3 years. The Committee will continue to monitor the unfunded liability trends very closely.

The Pension Committee will be preparing a request to the Program & Finance Committee regarding the recommended pension contribution, based upon a review of available funds and a review of the actuarial report, for the FY17 budget.

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ACTION:

Motion by Commissioner Harrison, second by Commissioner Lovan and carried, unanimously, to accept the report and recommendations of the Pension Committee.

Report of the Research Committee

Commissioner Frevert reported that the Committee met in January by conference call to discuss the Committee's status and recent inactivity. The primary discussion involved the Committee's by-laws and purpose of the Committee. A general consensus of Committee members is that this Committee may very well be redundant to the activities of other committees. Most identified research needs are already being vetted or accomplished through other committees. The Committee will continue considering its future and purpose for continued existence. He asked Commissioners to provide any input on this matter prior to the June Commission meeting. The Committee will provide a recommendation regarding the Committee's future at the June meeting.

Report of the Technical Committee

Commissioner Wilson, Committee Chairman, reported that The Technical Committee met on February 9-10. Seven states, three federal agencies, and four advisory committees were represented. The Committee covered 20 agenda items and heard from four outside speakers. A summary of outcomes follows:

Report of the Biological Subcommittee

The Biological Subcommittee recommended that three pools be assessed in 2016. This represents one less pool assessment than has been done historically, and that remaining resources be utilized to conduct special studies as the budget may allow, such as evaluating the effects of hydrilla, collecting water/sediment chemistry data at biological sites, revisits of sites to evaluate seasonality, targeted biological sampling, etc.

HABs/Nutrients

A draft HAB Response and Communications Plan will be revised and considered for approval by the Technical Committee at the June meeting. There were recommendations to consider sunlight and alkalinity in evaluating causes of the 2015 HAB event. In addition, staff has been in communication with US EPA Office of Research and Development regarding a collaborative effort in assessing the HAB data. Chris Imperitelli, with US EPA Office of Research and Development, reported to the Technical Committee on the agency's HAB research priorities.

Mercury

The Committee received a report of the Ad Hoc Mercury Committee. Staff updated the committee on the tributary and mainstem mercury surveys currently underway. Then Martin Risch provided an overview of his work on mercury in Indiana watersheds. Finally, Rob Reash, Chair of the Power Industry Advisory Committee, provided an overview of a project underway to investigate the bioavailability of mercury in the Ohio River and wastewater discharges.

Source Water Protection Programs

Staff provided an update on the status of the ODS renovation and reported on spills affecting the Ohio River and regional source water protection collaborations.

Report of NPDES Subcommittee

Paul Novak provided a report of the NPDES Subcommittee. Some of the important issues discussed during their recent call involved implementation of ORSANCO's new mixing zone regulation as well as tracking the status of Ohio River mixing zones. There was a recommendation that the subcommittee should begin addressing the issue of storm water permitting.

Prioritization of Standards Issues

Staff presented results of a prioritization exercise completed by TEC and the Commission regarding needed work for the 2018 standards revision. There were recommendations to remove the item listed to investigate shale gas discharges, to include cyanotoxins with nutrients criteria, and to combine aquatic life and human health considerations for chloride criteria.

2016 Ohio River 305(b) Assessment

Staff presented recommended 305b assessments for the Ohio River for 2016. The assessment results that were approved by TEC were almost identical to the previous 2014 assessment as follows:

- The entire Ohio River is fully supporting for aquatic life and public water supply.
- The entire Ohio River is impaired for fish consumption based on PCBs and dioxin.
- Approximately 2/3 of the Ohio River is impaired for the recreational use based on bacteria.

A draft report will be prepared based on these results for the June Committee meeting. The Committee also recommended developing work plans and budgets to update monitoring data for PCBs, dioxin, and bacteria.

Microplastics

The Committee received two excellent presentations on microplastics from Austin Baldwin, with the USGS, and Tim Hoellein, with Loyola University.

Commissioner Wilson thanked all of the outside speakers for their excellent presentations.

Program Recommendations

The Technical Committee developed a set of program recommendations for FY17 that will be reported to the Program and Finance Committee.

ACTION: Motion by Commissioner Wilson, second by Martha Clark Mettler and carried, unanimously, to accept the report of the Technical Committee.

Report of the Program & Finance Committee

Commissioner Lovan, Committee Chairman, reported that the Committee met on Tuesday, February 9th to discuss a number of topics in preparation for its April meeting.

The Committee discussed the current financial challenges of member states and possible implications. Staff provided a brief overview of FY16 financial status and discussed some projections for FY17.

The Committee discussed the positive outcomes of the ODS STAG grant amendment, which through the utilization of additional in-kind services, will cover the cost of equipment maintenance agreements for three years and should increase projected carryover funds into FY17.

The Committee reviewed the current restricted reserve funds policy and will consider amending at the April meeting. The Committee also discussed the pension plan's status and will work with the Program & Finance Committee regarding a proposed FY17 contribution.

The Committee discussed proposed content for the April meeting, including five-year budget forecasting and program plan prioritization. The Committee will continue working with staff to develop a program plan and budget for Commission consideration in June.

Report of the Ad Hoc Committee on Mercury Studies

Commissioner Kupke reported that the Ad Hoc Committee has continued to systematically and thoughtfully move toward a recommendation to the Commission on the scope and extent of additional mercury evaluations that would be beneficial for ORSANCO to undertake.

During this week's meetings, specifically during the Technical Committee meeting, the Committee reviewed the strong diversity and capabilities of the group. The Committee was pleased to have a mercury paper presentation from Martin Risch, who has also recently joined the Committee. Mr. Risch is a research hydrologist from the USGS and is a highly published national expert on mercury in water environments. Commissioner Kupke also mentioned the excellent staff assistance for this undertaking.

Since its last meeting, the Committee held conference calls on November 4th and January 11th. Pursuant to the action items of those calls, the Committee has narrowed its focus and is concentrating on a recommendation of a mass balance approach within the watershed. This is intended to better define the magnitude of mercury entering the watershed and the broad quantity of its various sources.

It is currently the Committee's intention to provide the Commission with a recommendation at the June 2016 Commission meeting on what ORSANCO should do beyond its current activities to seek a better understanding of the complex mercury issues in the Ohio River.

Report of the Ad Hoc Committee to Discuss Formation of a Watershed Organizations Advisory Committee

Chairman Conroe reported that a petition requesting the formation of a Watershed Organizations Advisory Committee was received in June 2015. Subsequently, Commissioner Conroe reported at the October 2015 Commission meeting that much activity and discussion took place during the summer months considering this request.

A draft resolution was then developed as an outcome of those activities. The Committee has further refined the resolution for bylaws revisions with legal counsel review. A motion for action on the proposed bylaws revisions (**Attachment I**) was then prepared for Commission consideration.

ACTION:

Motion by Commissioner Wilson, second by Commissioner Elmaraghy and carried, unanimously, to adopt a resolution to amend the bylaws to create a Watershed Organizations Advisory Committee, to invite the participation of petitioners thereon, and to authorize the Executive Director to establish a Public Information Work Group.

Report of the Public Interest Advisory Committee

Betsy Mallison, Committee Chairman, reported that the Committee met on February 9, 2016 in Cincinnati. The Committee discussed its mission and the proposed formation of a Watershed Organizations Advisory Committee. The proposed workgroup of state public information officers was also discussed in the context of its working relationship with PIACO.

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The Committee also discussed ORSANCO's communications initiatives, including the phased in web redesign project. It was noted that the River Facts/Conditions section of the public website is the most visited page. Staff provided an update on social media activities, congressional outreach strategies, and the work of the communications consultant.

The Committee recommended that the communications staff implement a scrolling banner on the website, as well as the addition of an interactive river map. They also recommended retaining the Facebook page and instituting a photo contest. Ohio River Sweep poster contest outreach strategies were also recommended. The Committee brainstormed ideas to reach out to congressional and state legislators and encouraged staff to continue work on core messages and talking points.

The Committee praised staff work on the creation of the public information officers' relationship and HAB issue messaging.

Report of the Water Users Advisory Committee

Bruce Whitteberry, Committee Chairman, reported that the Committee met on January 27-28. Bromide continues to be an issue of concern to drinking water utilities in relation to disinfection byproducts. The Committee received a presentation from US EPA staff summarizing recently published work regarding increased bladder risk from brominated disinfection byproducts. The report concluded that relatively small increases, particularly in brominated THMs, can lead to increased risk of bladder cancer. The utilities will continue to monitor bromide and collect data in an effort to better understand the levels in the Ohio River.

Ohio EPA staff provided an overview presentation centered on HABs. Much discussion took place regarding analytical methods, occurrence, and methods of detection. A summary of the draft Ohio EPA Harmful Algal Bloom (HAB) Rules was provided. The Committee members also shared their respective experiences on the HAB event. All utilities on the River were able to effectively treat for the toxins. Some utilities were prepared to, but not required to, utilize backup sources. Utilities effectively communicated with one another during this event and relied on ORSANCO's communications and sampling resources for needed data. Not a single utility detected toxins in finished water.

Finally, the Committee received staff presentations on the Pollution Control Standards, spills model, and a status update on the Organics Detection System (ODS) upgrades.

Recognition of Service

The following ORSANCO staff members were recognized for service milestones:

Sam Dinkins20 yearsTracey Edmonds20 yearsEben Hobbins15 yearsMelissa Mann10 yearsTravis Luncan10 years

Comments by Guests

Judy Peterson, representing Kentucky Waterways Alliance, thanked the Commissioners for taking action to approve the formation of the Watershed Organizations Advisory Committee. Ms. Peterson informed the Commission that the new Committee held its first meeting on February 10th and that she will serve as interim Committee chairperson.

Ms. Peterson concluded by stating that the Committee looks forward to working with the Commission and hopefully will lead to better understanding and respect.

Upcoming Meetings

Chairman Conroe noted the following schedule for upcoming Commission meetings:

• June 7-9, 2016 Pittsburgh, Pennsylvania

• October 2016 TBD

Adjournment

ACTION: Motion by Commissioner Frevert, second by Commissioner Duritsa and carried unanimously, to adjourn the 214th meeting of the Commission at 10:15 A.M.

Prepared by:

David Bailey
Director of Administration

David Bailey

Approved by:

Atuat 3 Bury

Date: February 24, 2016

Stuart Bruny
Secretary/Treasurer

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ROSTER OF ATTENDANCE

214th Commission Meeting February 11, 2016

Commissioners

Illinois Toby Frevert

Indiana Martha Clark Mettler (PROXY for Commissioner Carol Comer)

John Kupke

Joseph Harrison, Jr.

Kentucky Ron Lovan

Peter Goodmann (PROXY for Lt. Governor Hampton)

New York Douglas Conroe

Mike Wilson

Ohio Craig Butler

John Hoopingarner

Pennsylvania Charles Duritsa

Kelly Heffner (PROXY for Secretary John Quigley)

Virginia Melanie Davenport (PROXY for David Paylor)

Lou Wallace

West Virginia David Flannery

Ron Potesta

Federal George Elmaraghy

Legal Counsel Ross Wales

Executive Director Richard Harrison

<u>Guests</u> Betsy Mallison – PIACO; Bruce Whitteberry – WUAC; Erich Emery – USACE;

Tiffani Kavalec – OEPA; Rich Cogen – Ohio River Foundation; Judy Peterson – PIACO; Debora Roth – OEPA; Joby Jackson – OEPA; Joe Laplevic – First Energy; Erin Baird – Indiana Wildlife federation; Jennifer Mihills – National Wildlife Federation; Jess Dexter – ELPC; Madeline Fleisher – ELPC; Angie Rosser – West Virginia Rivers Coalition; Albert Ettinger – Illinois Chapter Sierra Club; Rob Walters – Three Rivers Waterkeeper; Rabon Blakeman – Ohio Valley Environmental Coalition; Heather Mayfield – FORE; Patrick Frambes –

Barnes Dennig

Staff David Bailey, Jason Heath, Sam Dinkins, Jerry Schulte, Jeff Thomas, Joe

Gilligan, Lisa Cochran, Rob Tewes, Ryan Argo, Melissa Mann, Eben Hobbins,

Tracey Edmonds, Travis Luncan

RESOLUTION 3-16

MOTION TO AMEND THE BYLAWS TO INVITE THE PARTICIPATION OF A NEW COMMITTEE AND TO AUTHORIZE THE ESTABLISHMENT OF A NEW PUBLIC INFORMATION WORK GROUP

WHEREAS, The Commission has received a petition from fifteen watershed-oriented citizenbased stakeholder groups seeking a Commission "invitation to form a new advisory committee to represent the interests of the many nonprofit organizations (and their members) in the Ohio River Basin;" and

WHEREAS, the petition has been reviewed with ORSANCO's Public Interest Advisory Committee (PIACO), the Commission's Executive Committee and the Commission itself along with a special Ad Hoc Committee that was established to further consider the matter; and

WHEREAS, the Article XII.C.2 of the Commission's Bylaws provides for the establishment of advisory Industry Action Committees upon the Commission's invitation; and

WHEREAS, specific consideration has been given regarding creation of the requested committee and how it might interface with the Commission and PIACO, including specifically how it will not be duplicative of PIACO's membership and role, said consideration resulting in a determination that it will not be a duplication of input or role and that it will provide a mechanism for an emerging stakeholder group to provide input to the Commission; and

WHEREAS, minor proposed changes to the Bylaws have been considered and have been deemed to be appropriate in order to improve upon advisory committees' roles and relationship to the Commission; and

WHEREAS, spill incidents and the recent Harmful Algal Bloom conditions on the Ohio River have amplified the need for a multi-state coordinated public information program, and the resultant collaboration of involved public information agencies has proven to be beneficial to the public's welfare;

IT IS THEREFORE HEREBY MOVED THAT THE COMMISSION BYLAWS BE AMENDED AS FOLLOWS:

- That Article XII.A.9 be replaced in its entirety to read:
 - 9. <u>Technical Committee</u>. The Technical Committee (TEC) shall serve as the technical arm of the Commission and shall study, discuss and evaluate technical questions of concern or interest to the Commission. It shall be composed of a chairman, who is a Commissioner and who is appointed by the Chairman of the Commission, together with one member from each of the signatory states as designated by the Commissioners of each state; preferably, this person should be an employee of the technical staff serving the state's water pollution control agency and may or may not be a Commissioner or a proxy of a Commissioner.

The Technical Committee shall also include a member designated by the United States Commissioners to represent federal interests. To provide special scientific or technical input to the committee, up to three additional members, none of whom need be Commissioners or proxies, may be appointed by the Commission Chairman. The Chief Engineer of the Commission shall be, ex officio, a member of the Technical Committee and the Chairperson of the Public Information Advisory Committee, Chemical Industry Advisory Committee, Power Industry Advisory Committee, Publicly Owned Treatment Works Committee, Watershed Organizations Advisory Committee, and the Water Users Advisory Committee shall be, ex officio, a-non-voting members of the Technical Committee. The Chairman or an appropriately designated member of any technical subcommittee, any special work group or any advisory committee, formed from time to time pursuant to the provisions of these Bylaws, may be invited by the Chairman of the Technical Committee to attend any meeting at which it is anticipated that matters of particular interest to them may be discussed. Members of the Technical Committee and its subcommittees or work groups may be reimbursed for their expenses incurred in attending meetings authorized by the Technical Committee and approved by the Commission.

- That Article XII.C.2. be replaced in its entirety to read:
 - 2. Special Interests Stakeholder Advisory Industry Action Committees. Special interests stakeholder advisory industry action committees formed at the invitation and approval of the Commission to provide industrial participation by special interest stakeholders representing industry sectors and environmental organizations in the Commission program of regional pollution control. Such committees shall invite a representative of the Commission to attend their meetings and provide advice to the Commission in the public interest. The Commission shall not assume any expense for meeting attendance of special interests stakeholder advisory industry action committee members.
- That Article XII.C.3. be replaced in its entirety to read:
 - 3. Public Interest Information Advisory Committee. A Public Interest 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 Chairman annually shall appoint the members of this committee, including when possible a member from each signatory state and at least three (3) at large members. These members, who shall serve on a voluntary basis and shall be reimbursed by the Commission for their expenses in attending meetings of their committee as budgeted by the Commission, ander, upon invitation of the Chairman, meetings of the Commission ander the Technical Committee.

AND FURTHER IT IS MOVED THAT:

The petitioners are hereby invited to formally form a Watershed Organizations Advisory Committee, within the parameters of Bylaws Article XII.C.2., as herein amended, in advisory service to the Commission and its Technical Committee. The Watershed Organizations Advisory Committee shall be principally comprised of representatives of citizen-based environmentally-focused nonprofit water-related entities that exist within the Ohio River Basin and its signatory states. The Commission will consider the committee to be an environmentally-oriented stakeholder advocacy group that will provide a focused citizen's conservation and wildlife perspective to Commission deliberations and technical program formulation in furtherance of appropriate Ohio River management.

AND LASTLY IT IS MOVED THAT:

The Executive Director is hereby authorized to establish a Public Information Work Group that shall be comprised of public information personnel from the signatory ORSANCO-affiliated states agencies, USEPA Region 5 and other public information-related professionals as the Executive Director from time to time might deem to be appropriate. Members of the Work Group shall serve on a voluntary basis and shall work directly with and under the coordination of the Commission's Public Information Staff and shall regularly report on its activities to the Public Information Advisory Committee. The Work Group shall strive to facilitate a coordinated press and web-based release of ORSANCO-involved incident public information releases amongst the member states and USEPA in addition to advising the Public Information Staff on public information concerns of the signatory states and USEPA.

Meeting Date: June 9, 2016	Subject: Report of the Treasurer	Number:
Attachments: • Treasurer's Report as of March 31, 2016	Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☒ N/A	Action Required: ☐ Information Only
Prepared by: Joe Gillig	an Presentation by : Secre	tary/Treasurer Stuart Bruny

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 March 31, 2016 indicates that the Commission has accounts receivable totaling \$615,669 at the end of March 2016.
- The receipts of \$2,857,245 plus the carryover of \$1,684,061 totals \$4,541,306 through the end of March 2016. Of that amount, \$2,382,415 was expended on programs, leaving resources of \$2,158,891 available for the continuation of ORSANCO's programs.
- The reorganization (amendment) of the ODS Renovation program included the purchase of approximately \$300,000 in maintenance agreements that were not included in the ORSANCO Fiscal Year 2016 Budget. This expenditure produced the variance from budget in the contractual services line item of the budget. Additional revenue will offset the expenditure.

BUDGET/STAFF IMPLICATIONS:

The reorganization of the ODS Renovation program will increase both revenues and expenditures
from the previously approved ORSANCO FY16 budget. This reorganization reduces the
Commission's commitment of member state funding to support the program, which is anticipated
to result in an increase in carryover to FY17.

RECOMMENDATION:

Information Only

- 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 April 21, 2015 to review staff's recommend budget for FY 16.
- The Commission's adopted the Program & Finance Committee's recommendation to approve the FY 16 budget at its June 18, 2015 Commission Meeting.
- Staff prepares budget status reports for Commission receipt for the period ending at the close of the quarter that immediately precedes each Commission Meeting.

M emo

Ohio River Valley Water Sanitation Commission

5735 Kellogg Avenue

Cincinnati, Ohio 45230 Telephone: (513) 231-7719

Fax: (513) 231-7761

SINCE 1948
Improving Water Quality in the
Ohio River for over 60 Years

Agenda Item 2 215th Commission Meeting June 9, 2016

DATE: May 19, 2016

TO: Commissioners

FROM: Stuart Bruny

SUBJECT: Treasurer's Report as of March 31, 2016

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 \$615,669 at the end of March 2016. The balance in accounts receivable is detailed as follows:

Signatory States	\$68,400 <u>35,500</u>	Illinois West Virginia
	\$103,900	
Federal Sources	\$316,285 <u>170,108</u>	106 Grant ODS Upgrade (Stag)
	\$486,393	
Other Sources	\$25,275 101	Ohio River Sweep Foundation for Ohio River Education
	\$25,376	

The receipts of \$2,857,245 plus the carryover of \$1,684,061 equals \$4,541,306 through the end of March 2016. Of that amount, \$2,382,415 was expended on programs, leaving resources of \$2,158,891 available for the continuation of ORSANCO's programs.

The Ohio River Valley Water Sanitation Commission Treasurer's Report

Through March 31, 2016

RESOURCES	Carryover @ 7-1-15	Earned Income	Total	FY16 Budget	% Budget	Resources @ 3-31-16
Carryover July 1, 2015						
Restricted Operating Reserve Funds	\$992,000		\$992,000	\$992,000		\$992,000
Restricted Program Funds	\$183,007		\$183,007	\$157,135		\$256,328
State Funds Held for Program Support	\$509,054		\$509,054	\$256,000		\$910,563
States US EPA		\$1,390,400	\$1,390,400	\$1,390,400		
106 Grant Federal FY 15		\$407,862	\$407,862			
106 Grant Federal FY 16		\$632,390	\$632,390	\$1,538,545		
Other Federal Orant Programs						
Other Federal Grant Programs ODS Renovation - STAG Non-Federal Projects		\$214,955	\$214,955	\$30,661		
EPRI Pilot Trading		\$0	\$0	\$27,179		
Ohio River Sweep		\$51,881	\$51,881	\$104,546		
Other Non-Federal Projects		\$142,128	\$142,128	\$224,000		
Other Income		\$17,629	\$17,629	\$1,000		
Total Resources	\$1,684,061	\$2,857,245	\$4,541,306	\$4,721,466	96.2%	\$2,158,891
EXPENDITURES						
Personnel Expenses			\$1,242,642	\$1,920,846	64.7%	
Travel			\$1,242,042 \$182,642	\$309,156	59.1%	
Supplies			\$178,106	\$249,356	71.4%	
Telephone			\$13,571	\$17,150	79.1%	
Equipment			\$26,292	\$37,720	69.7%	
Office & Utilities			\$65,666	\$76,782	85.5%	
Equipment Repairs & Maintenance			\$44,571	\$70,769	63.0%	
Contractual Services			\$482,927	\$329,050	146.8%	
Printing & Reproduction			\$2,729	\$6,300	43.3%	
Lab Fees & Deliveries			\$143,269	\$421,159	34.0%	
Total Expenses			\$2,382,415	\$3,438,288	69.3%	
RESOURCES AVAILABLE			\$2,158,891			

OHIO RIVER VALLEY WATER SANITATION COMMISSION COMBINED STATEMENT OF REVENUES AND EXPENSES AND AVAILABLE RESOURCES - ALL FUNDS Through March 31, 2016

RESOURCES	ORSANCO GENERAL ACCOUNT	Internal WPC	106 WPC	EPRI Ohio River Trading	ODS Upgrade STAG	Pathogen Assessment	Stream Gauge Transfer	River Users
Carryover on July 1, 2015	\$0.00	\$0.00	\$0.00	\$312	\$24,826	\$26,660	\$47,438	\$83,771
INCOME	\$ 3.33	V 0.00	V 0.00	V	V = 1,0=0	4_0,000	V,	V
State Funding	\$1,390,400							
PA DEP	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Other Program Funding		\$15,882		\$0			\$130,724	\$0
U.S. EPA			\$1,040,252	\$0	\$214,955			
Transfer of River Users Funds to Programs								\$0
Transfer of State Funds to Programs	(\$1,069,237)	\$676,374	\$164,131	\$0	\$196,185	\$0		\$4,778
Transfer of Other Funds to Programs	` ' '	·						
Miscellaneous								
Interest								
Fines and Settlements								
Total Resources	\$321,163	\$692,256	\$1,204,383	\$312	\$435,966	\$26,660	\$178,162	\$88,549
					•			
ACCOUNTS RECEIVABLE								
USEPA			\$316,285	\$0	\$170,108			
Signatory States	\$103,900				·			
Other Program Funding				\$0			\$0	
TOTAL RESOURCES LESS A/R	\$217,263	\$692,256	\$888,098	\$312	\$265,858	\$26,660	\$178,162	\$88,549
					·		·	
EXPENDITURES								
Payroll	\$337,761	\$212,042	\$324,635	\$0	\$26,838	\$666	\$0	\$1,664
Employee Benefits	\$3,181	\$113,109	\$173,322	\$0	\$14,329	\$355	\$0	\$889
Staff Travel	\$13,952	\$17,085	\$57,249	\$0	\$293	\$0	\$0	\$0
Commission Travel	\$69,946	\$0	\$1,549	\$0	\$0	\$0	\$0	\$0
Advisory Committee Travel	\$12,994	\$112	\$748	\$0	\$0	\$0	\$0	\$0
Associations & Memberships	\$15,036	\$58	\$25	\$0	\$0	\$0	\$0	\$0
Supplies	\$47,729	\$15,867	\$29,336	\$0	\$38,007	\$0	\$0	\$0
Telephone	\$9,289	\$2,995	\$1,288	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$26,292	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Lease	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rent	\$48,213	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utilities	\$17,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Facility Maintenance	\$22,168	\$3,820	\$3,252	\$0	\$0	\$0	\$0	\$0
Equipment Maintenance	\$14,955	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Vehicle, Building, Equipment Insurance	\$14,661	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Shipping & Delivery	\$125	\$2,125	\$15,777	\$0	\$0	\$0	\$0	\$0
Reproduction	\$351	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Printing	\$2,378	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$26,950	\$5,808	\$47,849	\$0	\$325,617	\$0	\$30,665	\$0
Lab Analysis	\$0	\$9,442	\$115,317	\$0	\$0	\$0	\$0	\$0
Legal & Accounting Fees	\$45,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Educational	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DIRECT EXPENSES	\$702,441	\$408,756	\$770,346	\$0	\$405,083	\$1,021	\$30,665	\$2,553
INDIRECT EXPENSE ALLOCATION	(\$781,040)	\$283,501	\$434,037	\$0	\$30,883	\$890	\$0	\$2,225
TOTAL DIRECT & INDIRECT EXPENSES	(\$78,599)	\$692,256	\$1,204,383	\$0	\$435,966	\$1,911	\$30,665	\$4,778
Balance before Transfers & Adjustments	\$399,762	\$0	\$0	\$312	\$0	\$24,749	\$147,497	\$83,771
Resources Available to Complete Contract								
Interfund Transfer	(\$399,762)							
BALANCE - Resources - Expenses	\$0	\$0	\$0	\$312	\$0	\$24,749	\$147,497	\$83,771

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OHIO RIVER VALLEY WATER SANITATION COMMISSION COMBINED STATEMENT OF REVENUES AND EXPENSES AND AVAILABLE RESOURCES - ALL FUNDS Through March 31, 2016

	Life Below		Foundation	Water	Total	Reserve	Funds	
	The	Sweep	for Ohio	Resources	Restrcted	Unrestricted	Restricted	Total
RESOURCES	Waterline		River Education	Initiative	Program Funds	Funds	Escrow	Activities
Carryover on July 1, 2015	\$0	\$0	\$0	\$0	\$183,007	\$509,054	\$992,000	\$1,684,061
INCOME					•		·	
State Funding					\$1,390,400			\$1,390,400
PA DEP					\$0			\$0
Other Program Funding	\$11,050	\$51,881	\$354	\$0	\$209,891	\$0		\$209,891
U.S. EPA					\$1,255,207			\$1,255,207
Transfer of River Users Funds to Programs					\$0			\$0
Transfer of State Funds to Programs	\$18,225	\$0	\$0	\$9,544	\$0			\$0
Transfer of Other Funds to Programs	\$0				\$0			\$0
Miscellaneous					\$0	\$0		\$0
Interest					\$0	\$1,747		\$1,747
Fines and Settlements	\$0				\$0	\$0		\$0
Total Resources	\$29,275	\$51,881	\$354	\$9,544	\$3,038,505	\$510,801	\$992,000	\$4,541,306
ACCOUNTS RECEIVABLE								
USEPA					\$486,393			\$486,393
Signatory States					\$103,900			\$103,900
Other Program Funding		\$25,275	\$101		\$25,376			\$25,376
TOTAL RESOURCES LESS A/R	\$29,275	\$26,606	\$253	\$9,544	\$2,422,836	\$510,801	\$992,000	\$3,925,637
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EXPENDITURES								
Payroll	\$6,167	\$12,632	\$0	\$3,270	\$925,674	\$0		\$925,674
Employee Benefits	\$3,292	\$6,744	\$0	\$1,746	\$316,968	\$0		\$316,968
Staff Travel	\$7,381	\$1,177	\$0	\$157	\$97,293	\$0		\$97,293
Commission Travel	\$0	\$0	\$0	\$0	\$71,495	\$0		\$71,495
Advisory Committee Travel	\$0	\$0	\$0	\$0	\$13,854	\$0		\$13,854
Associations & Memberships	\$0	\$0	\$0	\$0	\$15,119	\$0		\$15,119
Supplies	\$664	\$13,957	\$16	\$0	\$145,575	\$0		\$145,575
Telephone	\$0	\$0	\$0	\$0	\$13,571	\$0		\$13,571
Equipment	\$0	\$0	\$0	\$0	\$26,292	\$0		\$26,292
Equipment Lease	\$0	\$0	\$0	\$0	\$0	\$0		\$0
Rent	\$0	\$0	\$0	\$0	\$48,213	\$0		\$48,213
Utilities	\$0	\$0	\$0	\$0	\$17,453	\$0		\$17,453
Facility Maintenance	\$376	\$0	\$0	\$0	\$29,616	\$0		\$29,616
Equipment Maintenance	\$0	\$0	\$0	\$0	\$14,955	\$0		\$14,955
Vehicle, Building, Equipment Insurance	\$2,751	\$0	\$0	\$0	\$17,412	\$0		\$17,412
Shipping & Delivery	\$0	\$483	\$0	\$0	\$18,510	\$0		\$18,510
Reproduction	\$0	\$0	\$0	\$0	\$351	\$0		\$351
Printing	\$0	\$0	\$0	\$0	\$2,378	\$0		\$2,378
Contractual Services	\$400	\$0	\$339	\$0	\$437,627	\$0		\$437,627
Lab Analysis	\$0	\$0	\$0	\$0	\$124,759	\$0		\$124,759
Legal & Accounting Fees	\$0	\$0	\$0	\$0	\$45,300	\$0		\$45,300
Educational	\$0	\$0	\$0	\$0	\$0	\$0		\$0
TOTAL DIRECT EXPENSES	\$21,030	\$34,992	\$354	\$5,172	\$2,382,415	\$0	\$0	\$2,382,415
INDIRECT EXPENSE ALLOCATION	\$8,245	\$16,888	\$0	\$4,372	(\$0)	\$0	40	(\$0)
TOTAL DIRECT & INDIRECT EXPENSES	\$29,275	\$51,881	\$354	\$9,544	\$2,382,415	\$0	\$0	\$2,382,415
Balance before Transfers & Adjustments	\$0	\$0	(\$0)	(\$0)		\$510,801	\$992,000	\$2,158,891
Resources Available to Complete Contract	40	Ψυ	(40)	(40)	Ψ000,000	Ψο 10,001	₩00Z,000	Ψ <u>=</u> , 100,001
Interfund Transfer	\$0				(\$399,762)	\$399,762		\$0
BALANCE - Resources - Expenses	\$0	\$0	(\$0)	(\$0)		\$910,563	\$992,000	\$2,158,891
PUFULOF - Headrings - Fyheliges	40		(২০) Page 4	(40)	ψ 2 00,020	ψο 10,000	ψσσ2,000	Ψ£, 100,03 l

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Meeting Date: June 9, 20		ubject: Report of the C	hairman		Number: 3
Attachments: • None		Committee Type: ☐ Standing ☐ Advisory ☐ Ad-H	oc 🛛 N/A	Action Required Information Or	
Prepared by:	Richard Harri	ison Presentation by	: Chair	man Doug Conroe	

KEY CONSIDERATIONS:

• The Chairman will provide a report on ORSANCO activities since the February 11, 2016 ORSANCO Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

None

RECOMMENDATION:

Information Only

- The Chairman 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 Chairman of the Commission.
- The Chairman serves as the Chairman of the Executive Committee and may participate in the deliberations of any committee created by the Commission.
- The Chairman's term of office is July 1 through June 30.

Meeting Date: June 9, 20		Subject:	Report of the Executiv	ve Direct	or	Number: 4
Attachments: • None		Committee Standing	Type: ☐ Advisory ☐ Ad-Hoc	⊠ N/A	Action Required Information Or	
Prepared by:	Richard Har	rison	Presentation by:	Execu	itive Director Richard	d Harrison

KEY CONSIDERATIONS:

• The Executive Director will provide a report on ORSANCO activities since the February 11, 2016 ORSANCO Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

None

RECOMMENDATION:

Information Only

- 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 Chairman or the Executive Committee.

Meeting Date: June 9, 2016	Subject: Report and Recommendations; June 7- Committee Meeting	8 Technical	Number: 5		
Attachments:	Committee Type:	Action Required	:		
TEC June 7-8 Meeting Transmittal Memo	Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	☐ Information Or	nly Motion		
TEC June 7-8 Meeting Agenda					
Prepared by: Jason Heath Presentation by: Committee Chairman Mike Wilson					

KEY CONSIDERATIONS:

- The Commission Technical Committee (TEC) will conduct its 211th meeting on June 7-8, 2016 prior to the June 9, 2016 Commission meeting in Pittsburgh, PA.
- The meeting agenda includes discussions concerning: draft 2016 305b report, future monitoring needs to update assessments for Dioxin, PCBs and bacteria, special biological studies in lieu of 4th pool survey, fish tissue contaminants update, presentation by Duke Energy on their Markland hydropower study, revision of Ohio River HABs Response & Communications Plan, Source Water Protection Program update, report from the Ad Hoc Committee on Mercury Studies, and a report from US Fish and Wildlife Service on a federal study of mercury in the Hannibal Pool.
- Any Committee meeting recommendations developed during the June 7-8, 2016 TEC meeting that need Commission Action will be presented by the Committee Chairman through his Report to the Commission at its Thursday, June 9, 2016 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 June 7-8, 2016 Committee meeting that need to approved by the Commission will be presented at the Thursday, June 9, 2016 Commission Meeting.

- 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 Chairman, who is a Commissioner appointed by the Commission Chairman 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 Chairman.
- The Chief Engineer of the Commission, 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, and TMDL Coordinators Workgroup.

Memo

Ohio River Valley Water Sanitation Commission

5735 Kellogg Avenue Cincinnati, Ohio 45230 Phone: (513) 231-7719 Fax: (513) 231-7761 www.orsanco.org

Since 1948

Improving Water Quality in the Ohio River for over 60 Years

DATE: May 19, 2016

TO: Technical Committee

Michael Wilson, Chairman LT Commander Chris Williammee, USCG

Bob Mosher, IL Tim Henry, USEPA Eileen Hack, IN Scott Morlock, USGS

Randy Payne, KY <u>Ex Officio</u>

Jeff Konsella, NY David Altman, CIAC

Erin Sherer, OH
Rob Reash, Chairman, PIAC
Ronald Schwartz, PA
Betsy Mallison, Chairman, PIACO
Melanie Davenport, VA
Alex Novak, Chairman, POTW

Scott Mandirola, WV Judy Petersen, WOAC

Erich Emery, USACE Bruce Whitteberry, Chairman, WUAC

Richard Harrison, Chief Engineer

SUBJECT: Announcement of 211th Technical Committee Meeting, June 7-8, 2016, Sheraton Pittsburgh

Hotel at Station Square, Pittsburgh, PA

FROM: Jason Heath, P.E., BCEE

The 211th meeting of the ORSANCO Technical Committee will take place on June 7-8, 2016, at the Sheraton Pittsburgh Hotel at Station Square, Pittsburgh, PA, beginning at 1:00 PM on Tuesday, June 7, and concluding by Noon on Wednesday, June 8. Lunch will be provided on both days. Please contact me or Tracey Edmonds if you have any questions or are in need of assistance.

The Technical Committee meeting will be held in conjunction with the 215th Commission meeting being held on Thursday, June 9, at the same location. Additional logistics for both meetings can be found with the agenda package for the Commission meeting.

Notes on agenda items are as follows:

Item 1: Minutes of the 210th Technical Committee Meeting

Minutes of the 210th Technical Committee meeting are attached. An action to approve the draft minutes will be sought.

Item 2: Chief Engineer's Report

Director and Chief Engineer Richard Harrison will report on selected items.

Item 3: 2016 Ohio River Biennial Assessment

Attached is a draft report, 2016 Assessment of Ohio River Water Quality Conditions (305b). Individual use assessments as presented in the draft report were approved by TEC at the February meeting. TEC will be asked to consider an action recommending that the Commission approve the report. The report has been reviewed by the 305b work group, and their comments have been incorporated. In addition, TEC directed staff to develop a work plan and budget to update the monitoring data for dioxin, PCBs, and bacteria, for use in future 305b assessments. The assessments currently used for these parameters are approaching ten years old and may need to be updated using new water quality data.

Item 4: Report of the Biological Water Quality Subcommittee

Staff member Jeff Thomas will provide an update of the 2015 biological pool assessments with final results for Montgomery, Racine, and J.T. Myers after incorporating recently received macroinvertebrate data. An overview will also be given regarding the proposed biological pool studies that will be considered annually by the Biological Water Quality Subcommittee to potentially replace a 4th pool survey. A prioritized ranking of the studies will be presented as will a brief description of the top-ranking study (effects of *Hydrilla* on biotic index scores).

Item 5: Fish Tissue Contaminants

Staff member Jeff Thomas will give a brief overview of the recent annual conference call of the Ad-Hoc Fish Consumption Advisory Workgroup. The overview will include updates on proposed changes to advisories for 2016 and status of adoption of the Ohio River Fish Consumption Advisory Protocol by the states. Mr. Thomas will also discuss plans to conduct a fish tissue contaminants study this year on the Kanawha and Monongahela rivers of West Virginia on behalf of the state agency and supported by 604(b) funds.

Item 6: Markland Hydropower Dissolved Oxygen Study

Keith Finley with Duke Energy will present results of a multi-year dissolved oxygen study at its Markland Dam hydropower facility. Duke Energy recently completed a five-year water quality monitoring effort at the Markland Hydroelectric Project as part of its FERC license reissuance. Mr. Finley will outline a proposed compliance plan and schedule for future water quality monitoring at the project.

Item 7: Harmful Algal Blooms

Staff will present an Ohio River HABs Response and Communications plan as well as a proposal for monitoring the Ohio River this summer for HABs surveillance.

Item 8: Source Water Protection Programs Update

Staff member Jerry Schulte will provide an update on the ODS and ORSANCO's source water protection programs.

Item 9: Mercury Studies

A report of the Ad Hoc Committee on Mercury Studies will be provided. Following that report, Kathy Patnode with the US Fish and Wildlife Service will give an overview of a federal mercury study of the Ohio River Hannibal Pool.

Item 10: Member Updates and Interstate Water Quality Issues

TEC members will provide reports on issues within their agencies/committees.



211th Technical Committee Meeting Sheraton Pittsburgh Hotel at Station Square Pittsburgh, Pennsylvania June 7-8, 2016 1:00 P.M. (EST)

Chairman Michael Wilson, Presiding

TECHNICAL COMMITTEE MEETING AGENDA

PLEDGE OF ALLEGIANCE

CHAIRMAN'S WELCOME

Introduction of Guests

ACTION ITEMS AND COMMITTEE REPORTS

- 1. Action on Minutes of February 9-10, 2016*
- 2. Chief Engineer's Report
- 3. 2016 Ohio River Biennial Assessment (305b Report)
 - a. Consideration of Draft 2016 305b Report*
 - b. Future Monitoring Needs to Update Assessments for Dioxin, PCBs, and Bacteria*
- 4. Proposed 2016 Biological Monitoring and Prioritized Special Studies
 - a. 2015 Biological Pool Assessment Reports
 - b. Set of Prioritized Studies in lieu of 4th Pool Assessment*
 - c. Proposed Study for 2016
- 5. Fish Tissue Contaminants
 - a. Report of the Fish Consumption Advisory Work Group
 - b. West Virginia 604b3 Project
- 6. Markland Hydropower Dissolved Oxygen Study
 - a. ORSANCO's Policy on Hydroelectric Power Generating Facilities
 - b. Proposed Plan for the Markland Facility
- 7. Harmful Algal Blooms
 - a. Revision of Ohio River HABs Response and Communications Plan
 - b. Proposal for Summer 2016 HABs Surveillance
- 8. Source Water Protection Programs Update
- 9. Mercury Studies
 - a. Federal study of the Hannibal Pool/Hanlin-Allied-Olin Superfund Site
 - b. Report of the Ad Hoc Committee on Mercury Studies
- 10. Member Updates on Interstate Water Quality Issues

OTHER BUSINESS

- Comments by Guests
- Upcoming Meetings

October 4-6, 2016
February 7-9, 2017
Owensboro, Kentucky
Covington, Kentucky

- June 6-8, 2017 TBD

• Adjourn

^{*} Indicates TEC meeting agenda attachment

Meeting Date: June 9, 2016	Subject: Report of the Program and Finance C	Number: 6	
Attachments:	Committee Type:	Action Required	:
Committee Report	Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	☐ Information Or	nly 🔀 Motion
Budget Resolution 4-16	6		
State Funding Level Resolution 5-16			
Prepared by: David Bai	ley Presentation by : Comn	nittee Chairman Ron	Lovan

KEY CONSIDERATIONS:

- The Program & Finance Committee met on April 26, 2016 to review the FY 2017 proposed programs and budget for ORSANCO.
- The FY 2017 Budget Message, that is included in the attached Program & Finance Committee Report, focuses on the proposed FY17 balanced budget, five-year revenue and expenditure forecast, carryover resources, and present and future funding initiatives.
- The carryover resources into FY17 are estimated to be \$2,052,398, which includes unencumbered resources of \$976,627, restricted reserves of \$992,000, and encumbered resources of \$83,771.
- The proposed FY17 budget includes the allocation of \$171,077 of unencumbered funds within the carryover resources to support the total proposed program budget of \$3,557,778.
- The Five Year Revenue and Expenditure Forecast was developed to help project financial trends for planning purposes and showed a significant gap between revenues and expenditures.
- Staff developed the Potential Future Programs list to help identify future funding opportunities that staff will pursue to help provide supplemental program funding to ORSANCO.
- The Committee prepared a list of five recommendations for consideration by the Commission:
 - 1. Adopt of the FY 17 program plan and balanced budget as presented.
 - 2. Allocate \$100,000 in the FY 17 budget for work on mercury and that a work plan and budget will be provided to the Commission for approval for spending beyond reasonable travel and labor costs not to exceed \$20,000 to support the Ad Hoc Committee on Mercury Studies activities.
 - 3. Adopt a 1.5% state funding increase for fiscal year 2019 to help address significant future funding shortfalls.
 - 4. Direct staff to develop scenarios to balance the potential gap between revenues and expenses for FY 18 through FY21 outlined in the Five Year Revenue and Expenditure Forecast.
 - 5. Update the Strategic Plan to address future program and funding needs.

BUDGET/STAFF IMPLICATIONS:

- Approval of the proposed FY17 Program Plan and Budget Resolution will result in budget expenditures of \$3,557,778.
- A full time equivalent staffing level of 19 employees is included in the proposed FY17 budget.

RECOMMENDATION:

- The Program and Finance Committee recommends that the Commission consider three separate motions.
 - 1) Adopt Resolution 4-16 to approve the Program Plan And Budget for Fiscal Year 2017 (Committee Recommendation 1);
 - 2) Adopt Resolution 5-16 to establish FY19 State Funding levels (Committee Recommendation 3);
 - 3) Accept the Program and Finance Committee April 26, 2016 Report Recommendations 2, 4 and 5 as presented.

Because these actions are necessary to provide the financial and operating authority to establish the FY17 program budget and FY19 State funding levels for ORSANCO.

Meeting Date:	Subject:	Number:
June 9, 2016	Report of the Program and Finance Committee	6

- The Program and Finance Committee reviews the Commission's programs and makes recommendations with respect to the annual operating budget of the Commission.
- The Committee prepares for Commission ratification and submission to the Governors of the signatory states for approval, the amount of appropriations to be made by the states.
- The Committee is composed of at least three Commissioners, or their duly appointed proxies, the Chairman of the Technical Committee, the Executive Director and the Treasure as ex officio non-voting members.
- By policy, state funding levels are established two years in advance to facilitate legislative/fiscal processes of the individual states.
- The State funding levels for FY17 and FY18 were set at 1% at the June 12, 2014 and June 18, 2015 Commission meetings respectively.
- The Program & Finance Committee met on February 9, 2016 to provide preliminary feedback to staff in preparation for the upcoming April 26, 2016 meeting.

OHIO RIVER VALLEY WATER SANITATION COMMISSION

Report of the April 26, 2016 Program and Finance Committee Meeting

Committee Chairman, Commissioner Lovan Presiding

The Program and Finance Committee met at Commission Headquarters on April 26, 2016. Seven member states including Kentucky, Ohio, Indiana, Illinois, West Virginia, Pennsylvania and New York, as well as the federal government were represented.

FY17 Budget Message (Attachment 1)

Executive Director Richard Harrison provided a budget message overview focusing on the proposed FY17 balanced budget, five-year revenue and expenditure forecasts, carryover resources, and present as well as future funding initiatives. Mr. Harrison also noted the possible need for a Strategic Plan update.

Status of April 2015 Program & Finance Committee Recommendations

The Committee received a presentation reviewing the status of previous recommendations that had been made by the Committee and follow-ups that had occurred. These recommendations included the development of short and long term Organics Detection System (ODS) funding strategies; development of five-year budget forecasts; and the Pension Committee's continued comprehensive Plan review. The Committee received presentations providing detailed information on these follow-up activities throughout the meeting.

Fiscal Year 2017 Programs

The Committee received detailed presentations from the managerial staff describing proposed program activities, focusing on program changes and the budget impacts of such changes.

Estimated Carryover Resources into FY17

Staff provided an overview of the estimated carryover resources of \$2,052,398, which includes unencumbered resources of \$976,627, restricted reserves of \$992,000, and encumbered resources of \$83,771.

Proposed FY17 Budget (Attachment 2)

The Committee received a detailed budget presentation by staff covering resources and expenditures broken down by program area. The proposed FY17 budget includes the allocation of \$171,077 of unencumbered funds to support the total proposed program budget of \$3,557,778.

Five-Year Forecast (Attachment 3)

Executive Director Harrison presented detailed forecasts of projected revenues and expenditures through FY21. The forecasts show a trend of relatively flat funding with projected increases in expenses, heightening attention to the need to continue identifying additional funding sources. Mr. Harrison presented a number of potential future programs which could serve as the foundation for additional funding.

Potential Future Programs (Attachment 4)

Staff presented a list of potential future programs. These programs, prioritized based upon anticipated funding opportunities, were identified to help identify possible sources of future funding.

Recommended Levels of State Funding for Fiscal Year 2019 (Attachment 5)

The Committee gave serious consideration to ORSANCO's future funding needs as well as the economic climate within the states. The Committee concluded that a 1.5% increase in state funding for FY19 should be considered for adoption by the Commission.

Strategic Planning

The Committee discussed the possible need to update ORSANCO's Strategic Plan to better identify future program needs and resources to address the concerns identified in the five-year forecasts. Executive Director Harrison will further vet this possible initiative with Commissioners to develop an action plan.

Committee Recommendations

- 1. Adopt the FY 17 program plan and balanced budget as presented.
- 2. Allocate \$100,000 in the FY 17 budget for work on mercury and that a work plan and budget will be provided to the Commission for approval for spending beyond reasonable travel and labor costs not to exceed \$20,000 to support the Ad Hoc Committee on Mercury Studies activities.
- 3. Adopt a 1.5% state funding increase for fiscal year 2019 to help address significant future funding shortfalls.
- 4. Direct staff to develop scenarios to balance the potential gap between revenues and expenses for FY 18 through FY21 outlined in the Five Year Revenue and Expenditure Forecast.
- 5. Update the Strategic Plan to address future program and funding needs.

ORSANCO 2017 Budget Message

The proposed FY 17 (7/1/2016 - 6/30/2017) budget being presented reflects the effort of the Commission staff to develop an efficient and cost effective financial plan against a backdrop of sustainable funding challenges and increasing operational and pension costs. Staff prepared a Five Year Revenue and Expenditure Forecast to help project financial trends for planning purposes. Additionally, staff developed a list of Funding Priorities to identify possible programs that could be supported with additional funding outside five year projections. The budget and five year forecast were developed with the Commission's 2008 Strategic Plan in mind as we strive to meet the Ohio River Valley Water Sanitation Compact goals through coordination with our State and Federal Partners and other key stakeholders. As this budget was developed, staff was mindful to operate the Commission in a cost effective manner and to meet the objectives established through the Compact. The following is a brief summary of the FY 17 budget developed to meet goals of the Commission.

FY 17 Revenues are budgeted at \$3,386,702, an increase of \$70,321, or 2.1% more than the \$3,316,331 budgeted for FY 16. The projection took into account increases due to the incorporation of federal 604(b) set aside funds from West Virginia DEP to conduct fish tissue sampling and analysis and additional State funding for FY 17 set by Commission Action of June 17, 2015. These increases were offset by projected revenue decreases in special projects for FY 17 as compared to FY 16.

FY 17 Expenditures are budgeted at \$3,557,778, an increase of \$120,232, or 3.83% more than 2016's budget of \$3,437,546. FY 17 expenditure increases include; resources needed to complete the West Virginia DEP 604(b) project; proposed support to develop a scope for a proposed Mercury Study; increased pension expense; the purchase of a replacement truck and other administrative expenses. These were partially offset by staff's continued efforts to control costs by carefully reviewing expenditures and striving to implement organizational efficiencies.

The Five Year Revenue and Expenditure Forecast was completed as part of the FY 17 budget process to help identify future funding and expenditure needs. Several key funding and expenditure assumptions were utilized for the preparation of the Five Year Revenue and Expenditure Trend Forecast. On the funding side, level EPA 106 Grant funding in the amount of \$1,379,000 was utilized throughout the FY 17 – FY 21, five-year period. Annual River Sweep funding received from FORE was included for approximately \$110,000. Annual Life Below the Waterline program sponsor funding for \$20,000 was included. State funding was projected at a 1% increase for FY 17 and FY 18 and no increase for FY 19 – FY 21, resulting in State projected funding of \$1,404,400 in FY 17 and \$1,418,400 in FY 18 through FY 21. Additional funding sources include projected National Rivers and Streams Assessment funding of \$180,000 in FY 19 and \$90,000 in FY 20. EPRI funding totaling \$5,000 was included for FY 17 through FY 19. These assumptions generated a projected annual funding decrease of approximately 1.7% from \$3,386,702 in FY 17 to \$3,112,400 in FY 21.

Key five year expenditure assumptions that were utilized to prepare the forecast include maintaining FY 17 program levels throughout the five year period. A reduction of one full time manager to reduce our full time staffing level to 18 employees was included in the forecast. Funding the pension at \$338,570 was included in each year of the forecast to meet current actuarial funding projections. Appropriate inflation factors were applied to each FY 17 expense category. Anticipated equipment needs were projected. These assumptions generated a projected annual expenditure increase of approximately 1.3% from \$3,557,778 in FY 17 to \$3,770,920 in FY 21. The five year forecast projects that \$2,003,599 in Carryover Resources will be needed to meet expenditure requirements taking into account projected revenue reductions. This would require the utilization of all unencumbered resources and would reduce the restricted reserve balance to \$48,799 at the close of FY 21.

ORSANCO 2017 Budget Message

Carryover Resources into FY 17 are projected to be \$2,052,398, an increase of \$768,480, or 59.85% more that 2016's projection of \$1,283,918. This amount includes; \$976,627 in unencumbered resources; \$992,000 in restricted reserve resources; and \$83,771 in encumbered project resources. This budgeted increase in Carryover Resources is due to additional unencumbered resources received from the US EPA from remaining ODS Renovation Grant funds and the release of FY 13, 106 Grant funds that were not expended in FY 13 by ORSANCO. \$171,076 of the Carryover Resources are needed to balance the proposed FY 2017 budget due to projected expenditures exceeding projected revenues. The remaining unencumbered resources totaling \$805,551 as well as \$943,201 of the \$992,000 restricted reserve funds are projected to be utilized by the end of FY 21 based upon the Five Year Revenue and Expenditure Forecast. This would bring the Carryover Resources balance to \$132,570 leaving \$48,799 in restricted reserves and \$83,771 in encumbered reserve resources at the end of the five year period.

The Potential Future Programs list is prepared as part of the FY 17 budget process to help identify future funding opportunities that staff will pursue to help provide supplemental program funding to ORSANCO. With core funding from EPA and States projected to be nearly level over the next five years, reductions in the projected one time funding sources and a projected increase in expenditures, staff is proposing to advance a prioritized list of potential future programs to try to secure additional funding to address the projected funding challenge facing ORSANCO. Although staff has conducted the initial prioritization based primarily on funding opportunities, additional prioritization is anticipated to be completed by the Commission through an update of the ORSANCO Strategic Plan last updated in 2008.

In Summary the proposed FY 17 budget is planned to meet our one year program needs in a cost effective and efficient manner. FY 17 revenues are projected to increase by 2.1%, or \$70,321 in comparison to the FY 16 budget to reflect anticipated conditions in FY 17. Expenditures are projected to increase by 3.83% in FY 17, or \$120,232 as compared to FY 16. The Five Year Revenue and Expenditure Forecast demonstrates a clear need for ORSANCO to generate additional funding to offset a combination of projected five year funding decreases as well as increasing annual expenditures. Carryover Reserve resources going into FY 17 are projected to total \$2,052,398. The strategic allocation of these resources will help provide the time needed for ORSANCO to implement a sustainable funding plan to offset projected revenue shortfall. It is recommended that ORSANCO undertake an update of its 2008 Strategic Plan to help facilitate this process.

Program and Budget Detail

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THE OHIO RIVER VALLEY WATER SANITATION COMMISSION PROPOSED 2017 BUDGET

JULY 01, 2016 - JUNE 30, 2017

FUNDING SOURCES

Carryover from Previous Fiscal Year	\$2,052,398
FY 2017 State Funding	\$1,404,400
USEPA Funding	\$1,525,976
Other Program Funding	\$445,241
Fines & Settlements	\$0
Interest Income	\$1,000
Misc Income	\$0
In-Kind Service	\$10,085

TOTAL FUNDING \$5,439,099

EXPENDITURES

Federal Clean Water Act Supported Program (106)	\$1,948,909
State Funded Water Pollution Control Program	\$853,960
Special Projects	\$650,604
Unallocated Fund Activities	\$104,305
Restricted Reserve Accounts	\$0

TOTAL EXPENDITURES \$3,557,778

CARRYOVER INTO NEXT FISCAL YEAR \$1,881,322

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Comparison of Adopted 2016 and Proposed 2017 Budget

	Adopted 2016	Prop 20	osed 17	
FUNDING SOURCES				
Carryover from Previous Fiscal Year	\$1,405,135	\$2,052,398		
State Funding USEPA Funding Other Program Funding Fines & Settlements Interest Income Misc Income In-Kind Service	\$1,390,400 \$1,569,206 \$355,725 \$0 \$1,000 \$0	\$1,404,400 \$1,525,976 \$445,241 \$0 \$1,000 \$0 \$10,085		\$14,000 (\$43,230) \$89,516 \$0 \$0 \$10,085
TOTAL FUNDING	\$4,721,46	6	\$5,439,099	\$717,633
EXPENDITURES				
Federal Clean Water Act Supported Program (106 Grant) State Funded Water Pollution Control Program Special Projects Unallocated Fund Activities Restricted Use Accounts	\$1,940,570 \$1,013,527 \$483,449 \$0 \$0	\$1,948,909 \$853,960 \$650,604 \$104,305 \$0		\$8,339 (\$159,567) \$167,155 \$104,305 \$0
TOTAL EXPENDITURES	\$3,437,54	6	\$3,557,778	\$120,232
FUNDING LESS EXPENDITURES	\$1,283,92	0	\$1,881,322	
RESOURCES CARRIED INTO NEXT FISCAL YEAR	\$1,283,92	0	\$1,881,322	

Total Proposed FY 2017 Budget

	Total 106 Grant	Total ORSANCO WPCP	Total Special Projects	Unallocated Fund Activities			Total Budget	Indirect Expense Allocation	
EXPENDITURES						_			
Payroll Employee Benefits	\$504,821 \$308,250	\$237,247 \$144,866	\$57,039 \$34,829	\$15,000 \$5,000			\$814,106 \$492,944	\$397,667 \$242,821	\$1,211,773 \$735,765
Staff Travel	\$80,249	\$43,807	\$22,222	\$3,000 \$0			\$146,278	\$26,397	\$172,675
Commission Travel	\$0 \$0	\$0	\$0	\$0			\$0	\$128,143	\$128,143
Adv. Comm. Travel	\$7,225	\$0	\$0	\$0			\$7,225	\$20,189	\$27,414
Supplies	\$38,985	\$40,405	\$82,200	\$0			\$161,590	\$94,598	\$256,188
Telephone	\$780	\$780	\$0	\$0			\$1,560	\$16,268	\$17,828
Equipment Purchases	\$0	\$11,691	\$0	\$35,000			\$46,691	\$0	\$46,691
Mort., Utilities, & Maintenance	\$0	\$0	\$0	\$49,305			\$49,305	\$69,497	\$118,802
Equipment Repairs and Maintenance	\$10,000	\$0	\$0	\$0			\$10,000	\$55,514	\$65,514
Printing and Reproduction	\$0	\$1,500	\$1,750	\$0			\$3,250	\$3,300	\$6,550
Lab Fees and Delivery	\$202,970	\$26,002	\$76,750	\$0			\$305,722	\$0	\$305,722
Contractual Services	\$61,728	\$2,756	\$292,893	\$0			\$357,377	\$107,337	\$464,713
SUB-TOTAL - DIRECT EXPENSES	\$1,215,008	\$509,053	\$567,682	\$104,305		_	\$2,396,048	\$1,161,730	\$3,557,779
Indirect Expenses Allocation	\$733,901	\$344,906	\$82,922	\$0			\$1,161,729		
Total program Cost	\$1,948,909	\$853,960	\$650,604	\$104,305		_	\$3,557,778		
FUNDING SOURCES									
					Restricted Reserve	Unencumbered Resources			
Carryover from Previous Fiscal Yr.	\$0	\$0	\$83,771	\$0	\$992,000	\$976,627	\$2,052,398	38%	
Other Program Funding	\$0	\$0	\$445,241	\$0	\$0	\$0	\$445,241	8%	
Misc Income	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Interest Income	\$0	\$0	\$0	\$1,000	\$0	\$0	\$1,000	0%	
Fines & Settlements	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
USEPA	\$1,493,000	\$0	\$32,976	\$0	\$0	\$0	\$1,525,976	28%	
State Funding Transfer	\$455,909	\$853,960	\$62,303	\$32,228	\$0	\$0	\$1,404,400	26%	
River Users Funding Transfers	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Unencumbered Resources Transfer	\$0	\$0	\$100,000	\$71,077	\$0	(\$171,077)	\$0		
In-Kind Services Transfers	\$0	\$0	\$10,085	\$0	\$0	\$0	\$10,085		
Total Funding	\$1,948,909	\$853,960	\$734,375	\$104,305	\$992,000	\$805,550	\$5,439,099		
Expected Carryover into FY 2018	\$0	\$0	\$83,771	\$0	\$992,000	\$805,550	\$1,881,321		

Proposed Administative Programs

	Facilities (009)	Program Development (010)	Support Activities (011)	Community Relations (012)	Committee Activities (013)	Total Administrative Programs
EXPENDITURES						
Payroll	\$15,546	\$97,292	\$243,220	\$17,333	\$24,276	\$397,667
Employee Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Staff Travel		\$5,979	\$500	\$19,918		\$26,397
Commission Travel		\$128,143				\$128,143
Adv. Comm. Travel					\$20,189	\$20,189
Supplies	\$7,200		\$76,645	\$10,753		\$94,598
Telephone		\$608	\$15,660			\$16,268
Equipment Purchases						\$0
Mort., Utilities, & Maintenance	\$118,802					\$118,802
Equipment Repairs and Maintenance	\$36,310					\$36,310
5.4			•	^		\$0
Printing and Reproduction			\$0	\$2,500		\$2,500
Lab Fees and Delivery	# 40.000	40	# 000 100			\$0
Contractual Services	\$10,000	\$0	\$360,162			\$370,162
SUB-TOTAL - DIRECT EXPENSES	\$187,857	\$232,022	\$696,187	\$50,504	\$44,465	\$1,211,035
Indirect Expenses Allocation	(\$138,552)	(\$232,022)	(\$696,187)	(\$50,504)	(\$44,465)	(\$1,161,730)
Total program Cost	\$49,305	\$0	\$0	\$0	\$0	\$49,305
FUNDING SOURCES						
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0	0	\$0
Other Program Funding						
Misc Income						
Interest Income						
Fines & Settlements						
USEPA	•					
State Funding Transfer	\$49,305					\$49,305
River Users Funding Transfers Unencumbered Resources Transfer						¢ο
Other Funding Transfers						\$0
Other Fullding Transfers						
Total Funding	\$49,305	\$0	\$0	\$0	\$0	\$49,305
Expected Carryover	\$0	\$0	\$0	\$0	\$0	\$0
				Ψ0	Ψ0	Ψ0

OHIO RIVER VALLEY WATER SANITATION COMMISSION DETAILS OF INDIRECT RATE CALCULATION FOR FY17

Indirect Cost Pool Total Direct Payroll	<u>\$1,161,730</u> \$799,107	=	Indirect Cost Rate	145.38%
•	Details Of	Indirect	: Cost Pool	
Temporary Help				\$0
Payroll				\$397,667
Employee Benefits				\$242,821
Staff Travel				\$26,397
Commission Travel				\$128,143
Adv. Comm. Travel				\$20,189
Supplies				\$94,598
Telephone				\$16,268
Equipment Purchases				\$0
Mort., Utilities, & Mainten	ance			\$69,497
Equipment Repairs and I	Maintenance			\$55,514
Printing and Reproductio	n			\$3,300
Contractual Services				\$107,337
TOTAL INDIRECT COS	STS			\$1,161,730

NOTES TO INDIRECT COST POOL ENTRIES

Payroll includes the salries of personnel that cannot be reasonably allocated to a single operating program.

<u>Indirect Salaries</u>		Work Yrs.		<u>Payroll</u>	
Total Indirect Payroll	 =	5.7			\$397,667
Employee Benefits					
Total Payroll Less Indirect Payroll Direct Payroll				\$1,196,774 \$397,667 \$799,107	
Indirect employee benefits a by the total payroll and multi	• • • • • • • • • • • • • • • • • • •	•			
Total Benefit Total Payroll		\$730,765 \$1,196,774	=	61.06%	
Indirect Employee Benefits	61.06%	\$397,667	=		\$242,821
Benefits Detail Health Insuratife Insurance Disability Insuration Accident Insuration Social Securical Se	ce urance urance ity ment ent Savings	gement Fees		\$261,971 \$4,339 \$7,543 \$564 \$91,553 \$338,570 \$15,177 \$5,791 \$5,258	

Travel, Staff includes expenses for support personnel to travel to functions related to their responsibilities, the cost of the leased vehicles used for all activities and the cost of operating and maintaining the leased vehicles.

Travel - Program Development	\$5,979
Travel - Administration	\$500
Travel Community Relations	\$19,918

Total Travel - Staff \$26,397

Travel - Commission includes travel, per diem and meeting expenses for Commissioner's activities.

Commission & Special Committee Meetings \$128,143

\$128,143

Travel, Committee includes travel, per diem and meeting expenses for Committees and follows:

PIACO	\$4,856
Water Users	\$7,640
POTW	\$7,412
River Users	\$281

River Users \$281 \$20,189

Supplies includes office supplies, postage, general insurances, reference materials, association dues and other miscellaneous items.

General Office Supplies	\$58,250	
Data Processing Strategy	\$25,595	
Association & Memberships	\$10,753	\$94,598

Telephone includes the cost of charges for voice and data communications for office operations.

Cincinnati Bell Data/Voice	\$9,600
Cincinnati Bell Any Distance	\$2,468
Verizon Wireless	\$4,200

\$16,268

Rent and Utilities includes the allowable costs associated with the purchase of an office building in accordence with Section C of Circular A-87. The Commission's office and monitoring headquarters is located at 5735 Kellogg Avenue. in Cincinnati, Ohio.

Purchase cost of building	\$1,108,863		
IRS regulations - Years to Depr.	31.5		
Allowable Annual Cost		\$35,202	
Interest paid to an external party for funds used for '	Buildings		
acquired or completed on or after October 1, 1980".		\$5,305	
Gas, Electric & Water		\$26,100	
Lower level building construction	\$91,037		
Annual Allowable Cost		\$2,890	
			\$69,497
Repairs & Maintenance includes the cost of service	contracts and or repairs for office		
machines and the cost of maintaining the office facil	ity.		
Internet Access 12 mo @ \$867/mo.		\$9,204	
HVAC Maintenance Agreement, 12 mo @ \$500/mo		\$6,114	
Elevator Maintenance Agreement, 12 mo @ \$335/m	0	\$5,580	
Telephone Maintenance Agreement, 12 mo @ \$270	/mo.	\$2,076	
Security System Rental & Maintenance, 12mo @ \$5	9/mo	\$940	
Waste Services, 12mo @ \$110/mo		\$3,600	
Equipment, Vehicle & Building Maintenance		\$28,000	
			\$55,514
Printing and Reproduction includes the monthly cha	rges for the office copy machine and the		
cost of printing the Commission's general publication	- · · · · · · · · · · · · · · · · · · ·		
			\$3,300
Contractual Services includes a monthly retainer for	Legal Counsel, fees for a		
year-end CPA audit and Data Processing Support.	•		
, , , , , , , , , , , , , , , , , , , ,	Legal	\$36,000	
	Audit	. ,	
	Legal Review of Policies & Procedures		
	Data Processing		
	9	. ,	

\$107,337

Proposed Interstate Water Pollution Control Plan (106 Grant)

Total Proposed Interstate Water Pollution Control Plan (106 Grant)

	Total 106 Grant
EXPENDITURES	
Payroll	\$504,821
Employee Benefits	\$308,250
Staff Travel	\$80,249
Commission Travel	\$0
Adv. Comm. Travel	\$7,225
Supplies	\$38,985
Telephone	\$780
Equipment Purchases	\$0
Mort., Utilities, & Maintenance	\$0
Equipment Repairs and Maintenance	\$10,000
Printing and Reproduction	\$0
Lab Fees and Delivery	\$202,970
Contractual Services	\$61,728
SUB-TOTAL - DIRECT EXPENSES	\$1,215,008
Indirect Expenses Allocation	\$733,901
Total program Cost	\$1,948,909
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements	
USEPA	\$1,493,000
State Funding Transfer	\$455,909
River Users Funding Transfers	
Unencumbered Resources Transfer Other Funding Transfers	
Total Funding	\$1,948,909
Expected Carryover into Next Fiscal Year	\$0_

Proposed Interstate Water Pollution Control Plan (106 Grant)

Water Quality Monitoring Programs

	QA / QC (120)	Clean Metals (122)	Bimonthly Sampling (123)	Bacteria Monitoring (129)	Supplemental Monitoring (132)	Total Monitoring
EXPENDITURES	,					
Payroll	\$22,500	\$19,356	\$22,041	\$25,506	\$25,776	\$115,178
Employee Benefits	\$13,739	\$11,819	\$13,458	\$15,574	\$15,739	\$70,329
Staff Travel	\$1,083	\$6,300	\$2,031	\$5,712	\$10,484	\$25,610
Commission Travel						\$0
Adv. Comm. Travel						\$0
Supplies	\$0	\$3,745	\$1,200	\$10,850	\$3,515	\$19,310
Telephone						\$0
Equipment Purchases						\$0
Mort., Utilities, & Maintenance						\$0
Equipment Repairs and Maintenance						\$0
Printing and Reproduction		004055	000 = 10	0 44 5 00	A.	\$0
Lab Fees and Delivery Contractual Services		\$84,957	\$28,548	\$41,538	\$5,778	\$160,820
SUB-TOTAL - DIRECT EXPENSES	#07.000	£400.477	COT 070	COO 470	P04 000	\$0
	\$37,322 \$32,740	\$126,177	\$67,278	\$99,179	\$61,292 \$37,472	\$391,248 \$467,444
Indirect Expenses Allocation Total program Cost	\$32,710 \$70,032	\$28,139 \$154,316	\$32,043 \$99,321	\$37,080 \$136,259	\$37,472 \$98,764	\$167,444 \$558,692
Total program cost	\$10,032	Ψ104,510	ψ99,321	ψ130,239	ψ90,704	ψ550,092
FUNDING SOURCES						
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0	\$0	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements						
USEPA	\$53,650	\$118,217	\$76,087	\$104,384	\$75,660	\$427,997
State Funding Transfer	\$16,383	\$36,099	\$23,234	\$31,875	\$23,104	\$130,695
River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers						
Total Funding	\$70,032	\$154,316	\$99,321	\$136,259	\$98,764	\$558,692
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0	\$0	\$0	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Biological Studies

	Macro Studies (124)	Fish Tissue (127)	Fish Population (128)	Biological Studies
EXPENDITURES	()	()	(120)	
Payroll	\$14,170	\$8,485	\$50,773	\$73,428
Employee Benefits	\$8,652	\$5,181	\$31,003	\$44,836
Staff Travel	\$12,180	\$2,240	\$26,040	\$40,460
Commission Travel				\$0
Adv. Comm. Travel				\$0
Supplies	\$18,750	\$625	\$0	\$19,375
Telephone				\$0
Equipment Purchases				\$0
Mort., Utilities, & Maintenance				\$0
Equipment Repairs and Maintenance			\$10,000	\$10,000
Printing and Reproduction				\$0
Lab Fees and Delivery	\$17,000	\$25,150	\$0	\$42,150
Contractual Services	\$10,440		\$50,688	\$61,128
SUB-TOTAL - DIRECT EXPENSES	\$81,192	\$41,682	\$168,504	\$291,378
Indirect Expenses Allocation	\$20,600	\$12,336	\$73,814	\$106,749
Total program Cost	\$101,791	\$54,018	\$242,318	\$398,127
FUNDING SOURCES				
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0
Other Program Funding Misc Income Interest Income				
Fines & Settlements	A	0.11.001	* 40= 000	
USEPA	\$77,979	\$41,381	\$185,633	\$304,993
State Funding Transfer River Users Funding Transfers	\$23,812	\$12,636	\$56,686	\$93,134
Unencumbered Resources Transfer Other Funding Transfers				
Total Funding	\$101,791	\$54,018	\$242,318	\$398,127
Expected Carryover into Next Fiscal Year	<u>\$0</u>	<u>\$0</u>	\$0	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Public Information

	Public Information (114)
EXPENDITURES	
Payroll Employee Benefits Staff Travel	\$36,411 \$22,233 \$1,810
Commission Travel Adv. Comm. Travel Supplies Telephone	\$300
Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction Lab Fees and Delivery	
Contractual Services SUB-TOTAL - DIRECT EXPENSES Indirect Expenses Allocation Total program Cost	\$60,755 \$52,934 \$113,689
FUNDING SOURCES	
Carryover from Previous Fiscal Year	0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA	\$87,094
State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers	\$26,595
Total Funding	\$113,689
Expected Carryover into Next Fiscal Year	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Work Groups

	Work Groups (119)
EXPENDITURES	
Payroll	\$37,560
Employee Benefits Staff Travel	\$22,935
Staff Travel Commission Travel	
Adv. Comm. Travel	\$7,225
Supplies	
Telephone Equipment Purchases	\$240
Mort., Utilities, & Maintenance	
Equipment Repairs and Maintenance	
Printing and Reproduction	
Lab Fees and Delivery Contractual Services	
SUB-TOTAL - DIRECT EXPENSES	\$67,960
Indirect Expenses Allocation	\$54,605
Total program Cost	<u>\$122,564</u>
FUNDING SOURCES	
Carryover from Previous Fiscal Year	0
Other Program Funding	
Misc Income	
Interest Income Fines & Settlements	
USEPA	\$93,893
State Funding Transfer	\$28,672
River Users Funding Transfers Unencumbered Resources Transfer	
Other Funding Transfers	
Total Funding	\$122,564
Expected Carryover into Next Fiscal Year	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Pollution Control Standards

	PCS Development (155)	PCS Administration (156)	Total Pollution Control Standards
EXPENDITURES		(/	
Payroll	\$34,251	\$25,504	\$59,755
Employee Benefits	\$20,914	\$15,573	\$36,487
Staff Travel	\$2,150	\$1,042	\$3,192
Commission Travel			
Adv. Comm. Travel			
Supplies		\$0	\$0
Telephone			
Equipment Purchases			
Mort., Utilities, & Maintenance			
Equipment Repairs and Maintenance			
Printing and Reproduction			\$0
Lab Fees and Delivery Contractual Services	#000		0000
	\$600	0.40.440	\$600
SUB-TOTAL - DIRECT EXPENSES	\$57,915 \$40,704	\$42,119	\$100,034
Indirect Expenses Allocation	\$49,794	\$37,078	\$86,871
Total program Cost	\$107,709	\$79,197	\$186,906
FUNDING SOURCES			
Carryover from Previous Fiscal Year	0	\$0	\$0
Other Program Funding Misc Income Interest Income			
Fines & Settlements			
USEPA	\$82,512	\$60,670	\$143,183
State Funding Transfer	\$25,196	\$18,527	\$43,723
River Users Funding Transfers			
Unencumbered Resources Transfer Other Funding Transfers			
Total Funding	\$107,709	\$79,197	\$186,906
E (1.10	**	**	**
Expected Carryover into Next Fiscal Year	<u>\$0</u>	\$0	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Water Quality Assessment

	Water Qual. Assesmt. (130)	Development Mon Strategy (131)	Source H2O Assessment (140)	Watershed Protection (157)	Total Water Quality Assessment
EXPENDITURES	(100)	(101)	(1.10)	(101)	7.00000
Payroll	\$70,958	\$21,157	\$29,817	\$39,895	\$161,827
Employee Benefits	\$43,328	\$12,919	\$18,206	\$24,361	\$98,814
Staff Travel	\$0	\$0	\$1,000	\$3,865	\$4,865
Commission Travel					\$0
Adv. Comm. Travel					\$0
Supplies	\$0	\$0	\$0	\$0	\$0
Telephone	\$540				\$540
Equipment Purchases					\$0
Mort., Utilities, & Maintenance					\$0
Equipment Repairs and Maintenance					\$0
Printing and Reproduction		\$0			\$0
Lab Fees and Delivery			\$0		\$0
Contractual Services					\$0
SUB-TOTAL - DIRECT EXPENSES	\$114,826	\$34,075	\$49,023	\$68,121	\$266,046
Indirect Expenses Allocation	\$103,158	\$30,757	\$43,347	\$57,999	\$235,262
Total program Cost	\$217,984	\$64,833	\$92,370	\$126,120	\$501,307
FUNDING SOURCES					
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0	\$0
Other Program Funding Misc Income Interest Income					
Fines & Settlements					
USEPA	\$166,991	\$49,666	\$70,762	\$96,617	\$384,036
State Funding Transfer	\$50,993	\$15,166	\$21,608	\$29,503	\$117,271
River Users Funding Transfers Unencumbered Resources Transfer					
Other Funding Transfers					
Total Funding	\$217,984	\$64,833	\$92,370	\$126,120	\$501,307
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0	\$0	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Development of Total Maximum Daily Loads

	TMDL (145)
EXPENDITURES	
Payroll	\$15,825
Employee Benefits	\$9,663
Staff Travel	\$4,312
Commission Travel	
Adv. Comm. Travel	
Supplies	\$0
Telephone	
Equipment Purchases	
Mort., Utilities, & Maintenance	
Equipment Repairs and Maintenance	
Printing and Reproduction	\$0
Lab Fees and Delivery	,
Contractual Services	
SUB-TOTAL - DIRECT EXPENSES	\$29,800
Indirect Expenses Allocation	\$23,006
Total program Cost	\$52,806
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$0
Other Program Funding	
Misc Income	
Interest Income	
Fines & Settlements	
USEPA	\$40,453
State Funding Transfer	\$12,353
River Users Funding Transfers	
Unencumbered Resources Transfer	
Other Funding Transfers	
Total Funding	\$52,806
Expected Carryover into Next Fiscal Year	\$0

Proposed Interstate Water Pollution Control Plan (106 Grant)

Urban Wet Weather Water Quality

	Urban Wet Weathe Water Quality (158)
EXPENDITURES	
Payroll Employee Benefits Staff Travel Commission Travel Adv. Comm. Travel Supplies Telephone Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction Lab Fees and Delivery	\$4,835 \$2,953
Contractual Services SUB-TOTAL - DIRECT EXPENSES Indirect Expenses Allocation Total program Cost	\$7,788 \$7,030 \$14,818
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers	\$11,352 \$3,466
Total Funding	\$14,818
Expected Carryover into Next Fiscal Year	\$0

Total State Funded Water Pollution Control Program

	Total ORSANCO WPCP
EXPENDITURES	
Payroll	\$237,247
Employee Benefits	\$144,866
Staff Travel	\$43,807
Commission Travel	\$0
Adv. Comm. Travel	\$0
Supplies	\$40,405
Telephone	\$780
Equipment Purchases	\$11,691
Mort., Utilities, & Maintenance	\$0
Equipment Repairs and Maintenance	\$0
Printing and Reproduction	\$1,500
Lab Fees and Delivery	\$26,002
Contractual Services	\$2,756
SUB-TOTAL - DIRECT EXPENSES	\$509,053
Indirect Expenses Allocation	\$344,906
Total program Cost	\$853,960
FUNDING SOURCES Carryover from Previous Fiscal Year	\$0
Carryover Ironi Frevious Fiscar Tear	\$0
Other Program Funding	\$0
Misc Income	\$0
Interest Income	\$0
Fines & Settlements	\$0
USEPA	\$0
State Funding Transfer	\$853,960
River Users Funding Transfers	\$0
Unencumbered Resources Transfer	\$0
Other Funding Transfers	\$0
Total Funding	\$853,960
Expected Carryover into Next Fiscal Year	\$0

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Proposed State Funded Water Pollution Control Program Special Studies of Emerging Water Quality Issues

	Special Studies (159)	Algae Nutrients (126)	Biological Assessment (134)	Total Special Studies
EXPENDITURES	(155)	(1-1)	(12.1)	
Payroll	\$2,709	\$20,957	\$65,995	\$89,661
Employee Benefits	\$1,654	\$12,797	\$40,297	\$54,748
Staff Travel	\$0	\$9,106	\$6,590	\$15,696
Commission Travel				\$0
Adv. Comm. Travel				\$0
Supplies		\$3,150	\$3,100	\$6,250
Telephone				\$0
Equipment Purchases		\$11,691		\$11,691
Mort., Utilities, & Maintenance				\$0
Equipment Repairs and Maintenance				\$0
Printing and Reproduction			\$1,500	\$1,500
Lab Fees and Delivery	\$0	\$4,897		\$4,897
Contractual Services			\$456	\$456
SUB-TOTAL - DIRECT EXPENSES	\$4,364	\$62,597	\$117,938	\$184,899
Indirect Expenses Allocation	\$3,939	\$30,467	\$95,942	\$130,348
Total program Cost	\$8,302	\$93,064	\$213,881	\$315,247
FUNDING SOURCES				
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0
Other Program Funding				\$0
Misc Income				\$0
Interest Income				\$0
Fines & Settlements				\$0
USEPA	\$0	\$0	\$0	\$0
State Funding Transfer	\$8,302	\$93,064	\$213,881	\$315,247
River Users Funding Transfers Unencumbered Resources Transfer				\$0 \$0
Other Funding Transfers				\$0 \$0
Total Funding	\$8,302	\$93,064	\$213,881	\$315,247
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0	\$0_

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Proposed State Funded Water Pollution Control Program

Water Quality Problem Follow Up

	WQ Problem Follow-up (135)
EXPENDITURES	
Payroll Employee Benefits Staff Travel Commission Travel Adv. Comm. Travel Supplies Telephone Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction Lab Fees and Delivery	\$4,749 \$2,900
Contractual Services SUB-TOTAL - DIRECT EXPENSES Indirect Expenses Allocation Total program Cost	\$7,649 \$6,904 \$14,553
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA	
State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers	\$14,553
Total Funding	\$14,553
Expected Carryover into Next Fiscal Year	\$0

Proposed State Funded Water Pollution Control Program

Spill Detection And Notification

	ODS (125)	Spills (150)	Emergency Response (152)	TOTAL SPILLS
EXPENDITURES				
Payroll	\$80,293	\$25,808	\$17,771	\$123,872
Employee Benefits	\$49,028	\$15,759	\$10,851	\$75,638
Staff Travel	\$14,320	\$4,368	\$8,237	\$26,925
Commission Travel				\$0
Adv. Comm. Travel				\$0
Supplies	\$25,100	\$6,655	\$0	\$31,755
Telephone		\$780		\$780
Equipment Purchases				\$0
Mort., Utilities, & Maintenance				\$0
Equipment Repairs and Maintenance				\$0
Printing and Reproduction				\$0
Lab Fees and Delivery	\$21,105			\$21,105
Contractual Services			\$0	\$0
SUB-TOTAL - DIRECT EXPENSES	\$189,846	\$53,370	\$36,859	\$280,074
Indirect Expenses Allocation	\$116,729	\$37,519	\$25,835	\$180,083
Total program Cost	\$306,575	\$90,889	\$62,693	\$460,157
FUNDING SOURCES				
Carryover from Previous Fiscal Year	\$0	\$0	0	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA				\$0 \$0 \$0 \$0
State Funding Transfer River Users Funding Transfers	\$306,575	\$90,889	\$62,693	\$460,157 \$0
Unencumbered Resources Transfer Other Funding Transfers	\$0			\$0 \$0 \$0
Total Funding	\$306,575	\$90,889	\$62,693	\$460,157
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0	\$0

Proposed State Funded Water Pollution Control Program

Public Awareness

Fublic Aware	11622		
	Volunteer Monitoring (117)	Public Awareness (118)	Total Public Awareness
EXPENDITURES			
Payroll	\$5,760	\$13,205	\$18,965
Employee Benefits	\$3,517	\$8,063	\$11,580
Staff Travel	\$306	\$880	\$1,186
Commission Travel	φοσο	φοσσ	\$0
Adv. Comm. Travel			\$0
Supplies	\$2,400	\$0	\$2,400
Telephone	ΨΞ,	Ψ.	\$0
Equipment Purchases			\$0
Mort., Utilities, & Maintenance			\$0
Equipment Repairs and Maintenance			\$0
Printing and Reproduction			\$0
Lab Fees and Delivery			\$0
Contractual Services		\$2,300	\$2,300
SUB-TOTAL - DIRECT EXPENSES	\$11,984	\$24,447	\$36,431
Indirect Expenses Allocation	\$8,374	\$19,197	\$27,571
Total program Cost	\$20,358	\$43,644	\$64,002
FUNDING SOURCES			
Carryover from Previous Fiscal Year	0	0	\$0
Other Program Funding			\$0
Misc Income			\$0
Interest Income			\$0
Fines & Settlements			\$0
USEPA	\$0	\$0	\$0
State Funding Transfer	\$20,358	\$43,644	\$64,002
River Users Funding Transfers			\$0
Unencumbered Resources Transfer Other Funding Transfers			\$0 \$0
Total Funding	\$20,358	\$43,644	\$64,002
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0
-			

Total Proposed Special Projects

	Total Projects Special
EXPENDITURES	
Payroll	\$57,039
Employee Benefits	\$34,829
Staff Travel	\$22,222
Commission Travel	\$0
Adv. Comm. Travel	\$0
Supplies	\$82,200
Telephone	\$0
Equipment Purchases	\$0
Mort., Utilities, & Maintenance	\$0
Equipment Repairs and Maintenance	\$0
Printing and Reproduction	\$1,750
Lab Fees and Delivery Contractual Services	\$76,750
	\$292,893
SUB-TOTAL - DIRECT EXPENSES	\$567,682
Indirect Expenses Allocation	\$82,922
Total program Cost	\$650,604
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$83,771
Other Program Funding	\$445,241
Misc Income	\$0
Interest Income	\$0
Fines & Settlements	\$0
USEPA	\$32,976
State Funding Transfer	\$62,303
River Users Funding Transfers	. \$0
Unencumbered Resources Transfer	\$100,000
Other Funding Transfers	\$0
In-Kind Services	\$10,085
Total Funding	\$734,375
Expected Carryover into Next Fiscal Year	\$83,771

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Proposed Special Projects

	EPRI / ORB Trading Development	ORSANCO USGS Gaging Stations	WV 604(b) Contaminants	ODS Renovation Stag	River Users
EXPENDITURES					
Payroll Employee Benefits Staff Travel Commission Travel	\$1,659 \$1,013 \$0		\$10,122 \$6,181 \$11,972	\$7,480 \$4,567 \$0	\$7,082 \$4,324
Adv. Comm. Travel Supplies			\$1,000	\$30,000	
Telephone Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction				\$0	
Lab Fees and Delivery			\$76,750		
Contractual Services		\$175,000	\$10,138	\$7,035	
SUB-TOTAL - DIRECT EXPENSES	\$2,673	\$175,000	\$116,163	\$49,082	\$11,406
Indirect Expenses Allocation	\$2,412		\$14,716	\$10,874	\$10,295
Total program Cost	\$5,085	\$175,000	\$130,879	\$59,956	\$21,702
FUNDING SOURCES					
Carryover from Previous Fiscal Year	\$0	\$0	\$0	\$0	\$83,771
Other Program Funding Misc Income Interest Income	\$5,000	\$178,500	\$130,879	\$0	\$0
Fines & Settlements USEPA				\$32,976	
State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer	\$85	(\$3,500)		\$16,896	\$21,702
Other Funding Transfers In-Kind Services				\$10,085	
Total Funding	\$5,085	\$175,000	\$130,879	\$59,956	\$105,473
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0	\$0	\$83,771

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Proposed Special Projects

	Ohio River Sweep	Life Below the Waterline	Mercury Project
EXPENDITURES			
Payroll Employee Benefits Staff Travel	\$19,486 \$11,898 \$900	\$11,210 \$6,845 \$9,350	\$0 \$0
Commission Travel Adv. Comm. Travel Supplies Telephone	\$48,500	\$2,700	
Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance			
Printing and Reproduction Lab Fees and Delivery Contractual Services	\$1,750	\$720	\$100,000
SUB-TOTAL - DIRECT EXPENSES Indirect Expenses Allocation	\$82,534 \$28,328	\$30,824 \$16,296	\$100,000 \$100,000 \$0
Total program Cost	\$110,862	\$47,121	\$100,000
FUNDING SOURCES			
Carryover from Previous Fiscal Year	\$0	\$0	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA	\$110,862	\$20,000	\$0
State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers In-Kind Services		\$27,121	\$100,000
Total Funding	\$110,862	\$47,121	\$100,000
Expected Carryover into Next Fiscal Year	\$0	\$0	\$0

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Unallocated Fund Activities

	Totals Equipment & Unallocated Admin Costs
EXPENDITURES	
Payroll	\$15,000
Employee Benefits	\$5,000
Staff Travel	\$0
Commission Travel	\$0
Adv. Comm. Travel	\$0
Supplies	\$0
Telephone	\$0
Equipment Purchases	\$35,000
Mort., Utilities, & Maintenance	\$49,305
Equipment Repairs and Maintenance	\$0
Printing and Reproduction	\$0
Lab Fees and Delivery	\$0
Contractual Services	\$0
SUB-TOTAL - DIRECT EXPENSES	\$104,305
Indirect Expenses Allocation	\$0
Total program Cost	\$104,305
, , , , , , , , , , , , , , , , , , ,	
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$0
Other Program Funding	\$0
Misc Income	\$0
Interest Income	\$1,000
Fines & Settlements	\$0
USEPA	\$0
State Funding Transfer	\$32,228
River Users Funding Transfers	\$0
Unencumbered Resources Transfer	\$71,077
Other Funding Transfers	\$0
Transfer from Indirect Cost Rate	\$0
Total Funding	\$104,305
Expected Carryover into Next Fiscal Year	<u>\$0</u>

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Unallocated Fund Activities

	Unallocated Administrative Costs	Capital Equipment
EXPENDITURES		
Payroll Employee Benefits Staff Travel Commission Travel Adv. Comm. Travel Supplies	\$15,000 \$5,000	
Telephone Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction Lab Fees and Delivery Contractual Services	\$49,305	\$35,000
SUB-TOTAL - DIRECT EXPENSES	\$69,305	\$35,000
Indirect Expenses Allocation Total program Cost	\$0 \$69,305	\$0 \$35,000
FUNDING SOURCES		
Carryover from Previous Fiscal Year	\$0	\$0
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA	\$0 \$1,000	
State Funding Transfer River Users Funding Transfers		\$32,228
Unencumbered Resources Transfer Other Funding Transfers Transfer from Indirect Cost Rate	\$68,305	\$2,772
Total Funding	\$69,305	\$35,000
Expected Carryover into Next Fiscal Year	\$0	\$0

THE OHIO RIVER VALLEY WATER SANITATION COMMISSION Restricted Reserve Accounts

	Totals Reserve Accounts
EXPENDITURES	
Payroll	\$0
Employee Benefits	\$0
Staff Travel	\$0
Commission Travel	\$0
Adv. Comm. Travel	\$0
Supplies	\$0
Telephone	\$0
Equipment Purchases	\$0
Mort., Utilities, & Maintenance	\$0
Equipment Repairs and Maintenance	\$0
Printing and Reproduction	\$0
Lab Fees and Delivery	\$0
Contractual Services	\$0
SUB-TOTAL - DIRECT EXPENSES	\$0
Indirect Expenses Allocation	\$0
Total program Cost	\$0
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$992,000
Other Program Funding	\$0
Misc Income	\$0
Interest Income	\$0
Fines & Settlements	\$0
USEPA	\$0
State Funding Transfer	\$0
River Users Funding Transfers	\$0 \$0
Unencumbered Resources Transfer	\$0 \$0
Other Funding Transfers Transfer from Indirect Cost Rate	\$0 \$0
Transfer from muliect Cost Rate	φυ
Total Funding	\$992,000
Expected Carryover into Next Fiscal Year	\$992,000

Restricted Reserve Accounts

Restricted Use Reserve

	Building Equipment	Equipment	ODS Equipment	Operating Reserve
EXPENDITURES				
Payroll Employee Benefits Staff Travel Commission Travel Adv. Comm. Travel Supplies Telephone Equipment Purchases Mort., Utilities, & Maintenance Equipment Repairs and Maintenance Printing and Reproduction Lab Fees and Delivery Contractual Services				
SUB-TOTAL - DIRECT EXPENSES	\$0	\$0	\$0	\$0
Indirect Expenses Allocation	\$0	\$0	\$0	\$0
Total program Cost	\$0	\$0	\$0	\$0
FUNDING SOURCES				
Carryover from Previous Fiscal Year	\$200,000	\$87,000	\$250,000	\$455,000
Other Program Funding Misc Income Interest Income Fines & Settlements USEPA State Funding Transfer River Users Funding Transfers Unencumbered Resources Transfer Other Funding Transfers Transfer from Indirect Cost Rate				
Total Funding	\$200,000	\$87,000	\$250,000	\$455,000
Expected Carryover into Next Fiscal Year	\$200,000	\$87,000	\$250,000	\$455,000

Unencumbered Funds

	Totals Unencumbered Funds
EXPENDITURES	
Payroll	\$0
Employee Benefits	\$0
Staff Travel	\$0
Commission Travel	\$0
Adv. Comm. Travel	\$0
Supplies	\$0
Telephone	\$0
Equipment Purchases	\$0
Mort., Utilities, & Maintenance	\$0
Equipment Repairs and Maintenance	\$0
Printing and Reproduction	\$0
Lab Fees and Delivery	\$0
Contractual Services	\$0
SUB-TOTAL - DIRECT EXPENSES	\$0
Indirect Expenses Allocation	\$0
Total program Cost	\$0
FUNDING SOURCES	
Carryover from Previous Fiscal Year	\$976,627
Other Program Funding	\$0
Misc Income	\$0
Interest Income	\$0
Fines & Settlements	\$0
USEPA	\$0
State Funding Transfer	\$0
River Users Funding Transfers	\$0
Unencumbered Resources Transfer	(\$171,077)
Other Funding Transfers	\$0
Transfer from Indirect Cost Rate	\$0
Total Funding	\$805,550
Expected Carryover into Next Fiscal Year	\$805,550

	FY16	FY17	FY18	FY19	FY20	FY21
Payroll	1,219,953	1,211,773	1,214,441	1,238,729	1,263,504	1,288,774
Benefits	700,153	735,764	743,443	768,350	795,587	825,124
Travel	309,156	328,232	314,397	343,685	350,558	357,569
Supplies/Utilities/Mgt.	420,357	464,883	456,137	453,215	465,259	474,565
Equipment	37,720	46,691	52,000	24,000	52,000	15,000
Analytical lab Services	280,159	305,722	235,841	242,916	250,204	257,710
Contractual Services	470,050	464,713	361,667	523,900	543,900	552,178
Total Expenditures	3,437,548	3,557,778	3,377,925	3,594,796	3,721,012	3,770,920
State Funding	1,390,400	1,404,400	1,418,400	1,418,400	1,418,400	1,418,400
Federal 106 Funding	1,379,000	1,379,000	1,379,000	1,379,000	1,379,000	1,379,000
Additional 106 Funding Increases	159,545	114,000		180,000	90,000	
Other Federal Funding	30,661	32,976	-	-	-	-
Other & Special Project Funding	356,725	456,326	313,200	315,400	312,700	315,000
Total Revenues	3,316,331	3,386,702	3,110,600	3,292,800	3,200,100	3,112,400
Net Income (Loss)	(121,217)	(171,076)	(267,325)	(301,996)	(520,912)	(658,520)
Carryover into Fiscal Year =	1,405,135	2,052,398	1,881,322	1,613,997	1,312,002	791,090
Need for Carryover to Support Program	121,217	171,076	267,325	301,996	520,912	658,520
Carryover Into Next Fiscal Year	1,283,918	1,881,322	1,613,997	1,312,002	791,090	132,570
Unencumbered Resources	\$157,000	\$805,551	\$538,226	\$236,231	\$0	\$0
Restricted Reserves	\$992,000	\$992,000	\$992,000	\$992,000	\$707,319	\$48,799
Encumbered Project Resources	\$134,918	\$83,771	\$83,771	\$83,771	\$83,771	\$83,771
, · · · · · · · · <u>-</u>	\$1,283,918	\$1,881,322	\$1,613,997	\$1,312,002	\$791,090	\$132,570
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Potential Future Programs

- 1) Goal is to help identify possible funding opportunities
- 2) Staff identified high priority unfunded programs
- 3) Staff prioritized list based upon anticipated funding opportunities
- 4) Past Committee input also considered

Program/Activity	Estimated Capital Cost	Estimated Annual O&M
Spill Monitoring, Detection & Response (ODS)		\$1.0M - \$1.5M
HAB Monitoring & Response	\$2.75M - \$3M	\$600K - \$900K
Mercury Study	Unknown	Unknown
Special State Grant Supported Studies (NRSA, other)		\$250K - \$1.0M
Update Dioxin & PCBs Monitoring Data		\$75K (1 study)
Update Bacteria Monitoring Data	\$160K*	\$90K (1 study)
Enhance Biological Pool Surveys		\$250K
Conduct Emerging Contaminants Baseline Study		\$300K (1 study)
Add DRP & Alkalinity to Bimonthly & Nutrients Monitoring		\$14,400/yr
Expand Bimonthly/Clean Metals Monitoring	\$100K	\$350K
Pollutant Data Management & Impact Modeling System	\$300K - \$500K	\$50K
Continuation of Water Resources Initiative		\$90K
Review Fish Consumption Rate Assumptions		\$200K (1 study)
Conduct Mussel Surveys & Develop Multi-metric Index	\$25K	\$75 - \$100K
Upgrade Mobile Lab & Additional Capabilities (upgraded analytical equipment needs and costs not identified)	\$160K	
Public Outreach	\$100K	\$200K

STATE FUNDING DISTRIBUTION INFORMATION

	COMBINED	ACTUAL	ADOPTED	ADOPTED	Proposed Increa	ase Impact
	SHARE (1)	FY2016	FY2017	FY2018		FY2019
					1.5% Increase	
% INCREASE		1%	1%	1%	By State	1.5%
STATE						
ILLINOIS	4.92%	\$68,400	\$69,100	\$69,800	\$1,000	\$70,800
INDIANA	19.63%	\$272,900	\$275,700	\$278,400	\$4,200	\$282,600
KENTUCKY	22.28%	\$309,800	\$312,900	\$316,000	\$4,800	\$320,800
NEW YORK	0.98%	\$13,600	\$13,800	\$13,900	\$200	\$14,100
ОНЮ	26.00%	\$361,500	\$365,100	\$368,800	\$5,500	\$374,300
PENNSYLVANIA	12.44%	\$173,000	\$174,700	\$176,500	\$2,600	\$179,100
VIRGINIA	3.54%	\$49,200	\$49,700	\$50,200	\$800	\$51,000
WEST VIRGINIA	10.21%	\$142,000	\$143,400	\$144,800	\$2,200	\$147,000
TOTAL	100.00%	\$1,390,400	\$1,404,400	\$1,418,400		\$1,439,700
		\$13,800	\$13,900	\$14,000		\$21,300

(1) THE COMBINED SHARE IS BASED ON ARTICLE X OF THE OHIO RIVER VALLEY WATER SANITATION COMPACT WHICH PROVIDES THAT THE ANNUAL BUDGET BE APPORTIONED TO THE MEMBER STATES ONE HALF IN PROPORTION TO THEIR RESPECTIVE POPULATION AND ONE-HALF IN PROPORTION TO THEIR RESPECTIVE LAND AREA WITHIN THE COMPACT DISTRICT. THE 2010 CENSUS DATA WAS USED FOR DETERMINING THE POPULATION RATIOS.

¢4 404 400	¢4 440 400	¢4 420 700
\$1,404,400	\$1,418,400	\$1,439,700

RESOLUTION 4-16

PROGRAM PLAN AND BUDGET FOR FISCAL YEAR 2017

WHEREAS: The Commission has established the sum of \$1,404,400 as the amount of appropriations to be requested from the signatory states for fiscal year 2017; and

WHEREAS: Funds from the United States Government for approximately \$1,525,976 may be

allocated to the Commission for fiscal year 2017; and

WHEREAS: Funds amounting to \$445,241 may be available from a variety of sources to

support the Ohio River Sweep, ORSANCO/USGS Gaging Stations, WV 604(b) Contaminants, Life Below the Waterline, EPRI ORB Trading Development; and

WHEREAS: The Commission is anticipated to carry over obligated resources of \$1,052,778

into the 2017 fiscal year.

NOW, THEREFORE, BE IT RESOLVED THAT: The 2017 Fiscal Year Program Plan for all activities and the budget contained therein and in support thereof be approved as presented.

- **BE IT FURTHER RESOLVED THAT:** Due to 5 Year (FY 17 FY 21) projections showing projected revenues falling short of projected expenditures, the Executive Director is tasked with developing 5 Year balanced budget scenarios to offset this funding challenge.
- **BE IT FURTHER RESOLVED THAT:** The Executive Director is hereby authorized to make application for funding as may be available from US EPA, for other Federal funding and funding from other sources as may become available.
- **BE IT FURTHER RESOLVED THAT:** The expenditures in fiscal year 2017 be substantially within the framework of the following guidelines, which are made a part of this Resolution.

2017 FISCAL YEAR BUDGET

Payroll	\$1,211,773
Employee Benefits	735,765
Staff Travel	172,675
Commission Travel	128,143
Advisory Committees	27,414
Supplies	256,188
Telephone	17,828
Equipment Purchases	46,691
Mortgage, Utilities	118,802
Repairs & Maintenance	65,514
Contractual Services	464,713
Printing & Reproduction	6,550
Lab Fees & Delivery	305,722
Total Expenditure Budget	\$3,557,778

STATE FUNDING LEVEL FOR FY2019

BACKGROUND

The Commission has the responsibility of setting levels of state funding to support its programs. By policy, such state funding is to be established two years in advance to facilitate legislative/fiscal processes of the individual states. In developing its recommendations, the Program and Finance Committee relied, in part, on current and future budget information, the current rate of inflation and the current level of funds in the escrow account. The Program and Finance Committee was presented with alternative increases in the states' 2019 funding and agreed to recommend a 1.5 percent increase in state funding for the 2019 fiscal year. The attached listing displays each state's proportional share of the Commission's budget for 2019, as increased by the 1.5 percent, in comparison with their most recent funding levels.

ACTION REQUESTED OF THE COMMISSION

Authorize a level of state funding for FY2019 by means of the following Resolution "State Funding Level for 2019."

RESOLUTION 5-16

STATE FUNDING LEVEL FOR 2019

WHEREAS: Article V of the Compact provides that the Commission shall submit to the Governor of each state, at such time as he may request, a budget of its estimated expenditures for such period as may be required by the laws of such state for presentation to the legislature thereof;

NOW, THEREFORE, BE IT RESOLVED THAT: The sum of \$1,439,700 be budgeted for operating expenses of the Commission in the Fiscal Year July 1, 2018 to June 30, 2019. Such sum to be prorated among the signatory states in accordance with the provisions of Article X of the Compact.

STATE FUNDING DISTRIBUTION INFORMATION

	COMBINED	ACTUAL	ADOPTED	ADOPTED	Proposed Increa	se Impact
	SHARE (1)	FY2016	FY2017	FY2018		FY2019
					1.5% Increase	
% INCREASE		1%	1%	1%	By State	1.5%
STATE						
ILLINOIS	4.92%	\$68,400	\$69,100	\$69,800	\$1,000	\$70,800
INDIANA	19.63%	\$272,900	\$275,700	\$278,400	\$4,200	\$282,600
KENTUCKY	22.28%	\$309,800	\$312,900	\$316,000	\$4,800	\$320,800
NEW YORK	0.98%	\$13,600	\$13,800	\$13,900	\$200	\$14,100
ОНЮ	26.00%	\$361,500	\$365,100	\$368,800	\$5,500	\$374,300
PENNSYLVANIA	12.44%	\$173,000	\$174,700	\$176,500	\$2,600	\$179,100
VIRGINIA	3.54%	\$49,200	\$49,700	\$50,200	\$800	\$51,000
WEST VIRGINIA	10.21%	\$142,000	\$143,400	\$144,800	\$2,200	\$147,000
TOTAL	100.00%	\$1,390,400	\$1,404,400	\$1,418,400		\$1,439,700
		\$13,800	\$13,900	\$14,000		\$21,300

⁽¹⁾ THE COMBINED SHARE IS BASED ON ARTICLE X OF THE OHIO RIVER VALLEY WATER SANITATION COMPACT WHICH PROVIDES THAT THE ANNUAL BUDGET BE APPORTIONED TO THE MEMBER STATES ONE HALF IN PROPORTION TO THEIR RESPECTIVE POPULATION AND ONE-HALF IN PROPORTION TO THEIR RESPECTIVE LAND AREA WITHIN THE COMPACT DISTRICT. THE 2010 CENSUS DATA WAS USED FOR DETERMINING THE POPULATION RATIOS.

\$1,404,400	\$1,418,400	\$1,439,700
φ1,404,400	φ1,410,400	\$1,433,100

Meeting Date: June 9, 2016	Su	ubject: Report of the Research Commit	Number: 7	
Attachments: • None		Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	Action Required Information Or	
Prepared by: Jef	f Thomas	Presentation by: Committe	e Chairman Toby Fro	evert

KEY CONSIDERATIONS:

- The Research Committee is working to review the Committee's by-laws and purpose.
- During January's call, Committee members discussed whether the Committee is redundant to the
 activities of other committees. Most identified research needs are already being vetted or
 accomplished through other committees.
- The Committee is working to consider its future and purpose for continued existence.
- To facilitate this review, Committee Chairman Toby Frevert requested input from Commissioners on this matter at the February 11, 2016 Commission meeting and staff liaison Jeff Thomas has reached out to the Committee's scientific members for feedback.
- An update on this review will be provided by Chairman Frevert at the June 9, 2016 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

The Commission has staff time to support Research Committee liaison work.

RECOMMENDATION:

• The Committee Recommendation will be presented at the Commission Meeting.

- The Research Committee works to assess and articulate current and future needs for research, the results of which will advance scientific understanding of the Ohio River, and its tributaries.
- The Committee is comprised of no more than nine members, including at least two Commissioners.
- The Committee conducted a committee call on January 15, 2016.

Meeting Date: June 9, 20		Subject: Number: Report of the Nominating Committee 8		
Attachments: • None		Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	Action Required Information Or	
Prepared by:	Richard Har	rison Presentation by : Committee	e Chairman Chuck D)uritsa

KEY CONSIDERATIONS:

- The Nominating Committee conducted a conference call on May 10, 2016 to determine a proposed slate of ORSANCO candidates for the offices of Chair, Vice Chair and Secretary/Treasurer for Fiscal Year 2017.
- The recommended slate of candidates will be presented at the June 9, 2016 Commission Meeting.

BUDGET/STAFF IMPLICATIONS:

None

RECOMMENDATION:

• The Nominating Committee recommends that the Commission accept the slate of officers for Fiscal Year 2017 recommended by the Nominating Committee because Commission approval is required to establish the Commission leadership.

- The Nominating Committee prepares and presents to the Commission at the meeting held immediately prior to July 1 of each year a slate of candidates for Chair, Vice Chair and Secretary/Treasurer.
- The Nominating Committee consists of three Commissioners; at least one of whom shall be a past-Chairman of the Commission.

Meeting Date: June 9, 20		ubject: Report of the Ohio River Users Prograi Committee	Number: 9	
Attachments:		Committee Type:	Action Required	
None		Standing Advisory Ad-Hoc N/A	Information of	nly 🛚 Motion
Prepared by:	Sam Dinkins	Presentation by: Committee	e Chairman Ron Pot	esta

KEY CONSIDERATIONS:

- Greg Wilkins served as Marathon Petroleum Company's representative to the Ohio River Users Program Advisory Committee.
- Mr. Wilkins recently retired and Marathon Petroleum Company has requested that David Jones replace Mr. Wilkins on the Ohio River Users Program Advisory Committee.
- Marathon Petroleum Company has supported the Ohio River Users Program through advisory committee participation and program contributions for many years.

BUDGET/STAFF IMPLICATIONS:

- Ohio River Users contribute funds to ORSANCO to be utilized for specific program studies.
- The Commission has some staff time to serve as liaison to the Committee and to support Ohio River Users Program Advisory Committee activities.

RECOMMENDATION:

The Ohio River Users Program Advisory Committee recommends that the Commission appoint
David Jones with Marathon Petroleum Company as a Ohio River Users Program
Advisory Committee member because members to the Committee representing river interests
are appointed by the Commission per the Commission's Bylaws.

- The Ohio River Users Advisory Committee provides advice and guidance to the Commission on the operation and administration of the Ohio River Users Program. The Committee reviews and makes recommendations regarding the scientific merit and relevance of proposed studies.
- The Committee is comprised of representatives of industries, utilities and other river interests, and of Commissioners.
- The Committee is comprised of no more than twelve members, including two Commissioners, seven from river interests, and a representative from the Water Users Advisory Committee, the Publically Owned Treatment Works (POTW) Advisory Committee and the Power Industry Advisory Committee as appointed by the respective Committee Chairman.
- Members to the Committee who are Commissioners and those representing river interests are appointed by the Commission.

Meeting Date: June 9, 20		ubject: Report of the Ad Hoc Committee on Mer	Number: 10	
Attachments: • None		Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	Action Required Information Or	
Prepared by:	Jason Heath	Presentation by: Committe	e Chairman John Ku	pke

KEY CONSIDERATIONS:

- The Ad Hoc Committee on Mercury Studies conducted its most recent conference call on May 16, 2016
- The Committee has continued to systematically and thoughtfully move toward a recommendation to the Commission on the scope and extent of additional mercury studies and evaluations that would be beneficial for ORSANCO to undertake.
- The Committee has narrowed its focus and is concentrating on a potential recommendation of a mass balance approach within the watershed.
- A broad overview of recent Committee activities will be presented to the Commission by the Committee Chairman through his report to the Commission on June 9, 2016.

BUDGET/STAFF IMPLICATIONS:

- The Ad Hoc Committee on Mercury Studies requires staff time to perform Committee liaison work and to facilitate the meetings and work of the Committee.
- The Committee may also require associated travel and other costs to support the work of the Committee.

RECOMMENDATION:

Information only

- Ad Hoc committees with duties and functions assigned to them as created may be appointed by the Chairman as deemed necessary or as the Commission may, from time to time, direct.
- The appointment shall include the task to be performed and the time frame for its completion.
- Membership of ad hoc committees may be Commissioners, their proxies or others, when appropriate.
- On June 30, 2015, the Ad Hoc Committee on Mercury Studies was appointed by then Commission Chairman Tom Easterly.
- The charge of this Committee is to evaluate what is known about the sources of mercury that impact fish in the Ohio River and to make recommendations to the Commission on the need for any additional information and the proposed methods for obtaining such information.
- The Committee has held several conference calls since its formation in 2015.

Meeting Date: June 9, 20		ubject: Report of the Water Users Advisory C	Number: 11	
Attachments: • None		Committee Type: ☐ Standing ☐ Advisory ☐ Ad-Hoc ☐ N/A	Action Required Information Or	
Prepared by:	Jerry Schulte	e Presentation by : Committe	e Chairman Bruce W	/hitteberry

KEY CONSIDERATIONS:

- The Water Users Advisory Committee met on May 16 17, 2016.
- The Report of the Committee shall be provided at the June 9, 2016 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

- 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 Chairman of the Commission from companies or agencies which operate water treatment plants.
- The Chairman of this Committee serves as a representative to ORSANCO's Technical Committee and the Ohio River Users Program Advisory Committee.

Meeting Date: June 9, 20	Subject: Report of the	Subject: Report of the Watershed Organizations Advisory Committee		
Attachments: • None	Committee ⊠ Standing	Type: Advisory Ad-Hoc N/A	Action Required Information Or	
Prepared by:	Richard Harrison	Presentation by: Committe	e Chairman Judy Pe	tersen

KEY CONSIDERATIONS:

- The Watershed Organizations Advisory Committee has a Committee Call scheduled for May 23, 2016
- The Report of the Committee shall be provided at the June 9, 2016 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

- 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.