

Memo

Ohio River Valley Water Sanitation Commission

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Since 1948
*Improving Water Quality in the
Ohio River for 70 Years*

DATE: September 13, 2018

TO: Technical Committee

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Bruce Whitteberry, Chairman, WUAC
Richard Harrison, Chief Engineer

SUBJECT: Announcement of 218th Technical Committee Meeting, October 2-3, 2018
Adventures on the Gorge, Lansing, WV

FROM: Jason Heath, P.E., BCEE

The 218th meeting of the ORSANCO Technical Committee will take place on October 2-3, 2018, at Adventures on the Gorge, Lansing, WV, beginning at 1:00 PM on Tuesday, October 2, and concluding by Noon on Wednesday, October 3. Lunch will be provided on both days. Please contact me or Tracey Edmonds if you have any questions or are in need of any travel assistance.

The Technical Committee meeting will be held in conjunction with the 222nd Commission meeting being held on Thursday, October 4, 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 217th Technical Committee Meeting

Minutes of the 217th Technical Committee meeting are attached. An action to approve the draft minutes will be sought.

Item 2: Chief Engineer's Report

Executive Director Richard Harrison will report on selected items.

Item 3: Bacteria Trends Assessment

A draft report on bacteria trends was presented at the previous Technical Committee meeting. The committee was asked to review the draft and provide comments by the end of July. Several comments were received and have been incorporated into the document. Staff will be asking that the committee to endorse the report for general distribution.

Item 4: Mercury Mass Balance Project

Staff will provide a status report on the mercury mass balance project. Martin Risch, USGS Emeritus, will provide results of the atmospheric deposition component of the project which has been completed.

Item 5: Results of a Federal Mercury Study of the Hannibal Pool

Kathleen Patnode with the U.S. Fish and Wildlife Service will present results of a project using the application of mercury stable isotope analysis for determining source attribution of mercury in the Ohio River. This is a Federal study of the Hannibal Pool and will address mercury from several sources including the Hanlin-Allied-Olin Superfund Site, the Axiall facility, the Mitchell power generating facility, regional atmospheric deposition, and runoff from other nonpoint sources.

Item 6: Biological Program Updates

Staff will provide final draft results of 2017 biological pool assessments after inclusion of macroinvertebrate results. These results will be used in the next Ohio River 305b assessment. Staff will also provide updates on the field effort for the National Rivers and Streams Assessment, as well as the status of 2018 Ohio River biological pool assessments and collection of fish tissue contaminants data.

Item 7: 2018 Summer Water Quality Conditions Report

Staff will provide an update of summer water quality conditions and activities.

Item 8: PFAS Study Proposal

Staff will present a proposal to conduct a survey of perfluorinated chemicals (PFCs) in the Ohio River. The primary objective of the study is to conduct synoptic sampling events at a number of ambient locations under high and low flow conditions. Results of the study may inform utilities and other interested parties of contemporary Ohio River water quality conditions relating to PFCs. The study will rely heavily on the USEPA (Cincinnati research lab) for analytical services.

Item 9: Source Water Protection Program Update

Jennifer Heymann, Source Water Protection Program Manager for American Water, will present on the source water monitoring program implemented at the Kanawha Valley Water Plant on the Elk River. Staff will also provide a status update on efforts to evaluate options for the next generation of the Organics Detection System (ODS) and a progress report on the Contaminant Source Inventory Pilot Project underway in the Cincinnati area.

Item 10: Member Updates on Interstate Water Quality Issues

TEC members are asked to report on water quality issues of importance to their organization. These reports are informational and this agenda item will be conducted as the first item on Wednesday morning.

Item 11: 2018 Review of Pollution Control Standards

A second public review of the Commission's proposed standards revision was completed on August 20, and a hearing in support of the review was held July 26. Staff will provide a summary of the public review and comments received.



**218th Technical Committee Meeting
Adventures on the Gorge
Lansing, WV
October 2-3, 2018
Beginning at 1:00 P.M. (Eastern)
Chairman Bruno Pigott, Presiding**

TECHNICAL COMMITTEE MEETING AGENDA

PLEDGE OF ALLEGIANCE

CHAIRMAN'S WELCOME

- Introduction of Guests
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ACTION ITEMS AND COMMITTEE REPORTS

1. Action on Minutes of 217th Technical Committee Meeting *
2. Chief Engineer's Report
3. Bacteria Trends Assessment – Endorsement of Final Draft *
4. Mercury Mass Balance Project
 - a. Approach to Estimating Atmospheric Deposition – Marty Risch, USGS Emeritus
5. Results of a Federal Mercury Study of the Hannibal Pool – Kathleen Patnode, USFWS
6. Biological Programs Update
 - a. 2017 Draft Final Pool Assessments Based on Final Macroinvertebrate Results
 - b. National Rivers and Streams Assessment Survey Progress Update
 - c. 2018 Pool Assessments & Collection of Fish Tissue Contaminants Samples
7. Summer Water Quality Conditions Report
8. PFAS Survey Proposal *
9. Source Water Protection Programs Update
 - a. WV American Kanawha Valley Plant Source Water Monitoring Program – Jennifer Heymann, West Virginia American Water
 - b. ODS Renovation Update
 - c. Contaminant Source Inventory Pilot Project Update

ADJOURN TUESDAY/RECONVENE WEDNESDAY

10. Member Updates on Interstate Water Quality Issues
 11. 2018 Review of Pollution Control Standards – Results of 2nd Public Review
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OTHER BUSINESS

- Comments by Guests
- Announcement of Upcoming Meetings
- Adjourn

* Indicates agenda attachment.