

3rd Five-Year Review (FYR) Update



- 3rd FYR will present results from data collected through 2021
 - * Note: 2022 is still under review and not final
 - Review focuses on the status of:
 - Remnant Sites (Operable Unit 1)
 - Upper Hudson River Remedy (Operable Unit 2)
 - Lower River is not part of this review, but relevant information will be included
 - Progress since the last review – last review considered data through 2016

- Technical appendices to 3rd FYR include:
 - Evaluation of water column PCB concentration and load to Lower Hudson River
 - Evaluation of fish tissue PCB concentrations
 - Evaluation of sediment PCB concentrations
 - Evaluation of capped areas
 - Assessment of risk
 - Assessment of climate change
 - Others – total of ten appendices



Summary of Meetings Held for 3rd Five-Year Review



- Total of five FYR Team Meetings were held between December 2022 – March 2023 to solicit feedback from FYR Team members
 - Meeting #1 (12/14): Kickoff meeting to organize FYR Team members
 - Meeting #2 (1/18): Discussion of water column/cap data
 - Meeting #3 (2/1): Discussion of fish data
 - Meeting #4 (3/1): Discussion of sediment data
 - Meeting #5 (3/15): Wrap-up of FYR Team meetings
- Technical meetings held with Scenic Hudson and Riverkeeper in August and September 2023
 - Technical discussions with Scenic Hudson and Riverkeeper as follow-up to FYR Team meetings
 - Further discussion being planned
 - All data has been provided



- **Water Column**

- Changes in PCB concentrations through time and progress towards compliance with Record of Decision (ROD) criteria
- Factors impacting PCB concentrations/loads
- Evaluation of PCB load to Lower Hudson River

- **Sediment**

- Evaluation of spatial variation (differences across locations)
- Evaluation of temporal variation (changes over time) between 2016/2017 and 2021
- Review areas of interest

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- **Fish Data**

- Evaluation of fish tissue PCB concentrations by species over time
- Evaluation of fish tissue PCB concentrations over time (ROD criteria - Species-Weighted Average) and progress towards human health objectives, targets and goals
- Evaluation of progress towards ecological risk Remedial Action Objective (RAO) goals

- **Cap Data**

- Presentation of the findings of cap monitoring events performed in 2016 and 2018 (since the last FYR)
- Evaluation of integrity of the caps

3rd Five Year Review Next Steps



- EPA anticipates releasing the 3rd FYR report later in 2023
- Report is in internal review at EPA
- Interaction with NYSDEC anticipated
- Public comment period will follow release
- Outreach
- EPA will provide update on schedule as the review process advances

