

**Lake Champlain Basin Program
Technical Advisory Committee meeting
Wednesday, March 7, 2018, 9:30 AM – 3:00 PM**

Approved TAC meeting summary

Attendance:

Mike Winslow, Martin Mimeault, Fred Dunlap, Jamie Shanley, Ed Snizek, Angela Shambaugh, Neil Kamman, Kris Stepenuck (proxy for Breck Bowden), Mark Malchoff, Laura DiPietro, Bernie Pientka, Kevin Behm, William Ardren, James Jutras, Jennifer Callahan (phone), Dennis DeWeese (phone), Eric Perkins (phone)

Guests: Mark Swinton, Tom Berry, Kari Dolan

LCBP Staff: Matthew Vaughan, Meg Modley, Ellen Kujawa, Eric Howe

The TAC was asked to send Matt updates in advance of the meeting. No updates were received.

9:30 AM Human and ecosystem health risks of mercury and cyanotoxins in Lake Champlain - final report presentation, *Mark Swinton, RPI*

Mark presented the draft final report for the project. Assessing long-term mercury trends in fish shows a significant decrease in lake trout, walleye and yellow perch from their initial mercury surveys (1987-1990). Smallmouth bass and white perch did not show a significant decrease from their initial surveys in the mid-1990s. An unexpected finding was that mercury concentrations have increased in smallmouth bass and yellow perch over the last five years.

The TAC discussed possibly reasons for increased mercury concentrations. These possibilities include the wetland flooding and transport of stored mercury, hypoxia/anoxia, increased water temperature leading to greater bioavailability, and/or change in foodweb dynamics linked to 2003 invasion of the alewife.

No cyanotoxins (microcystin or anatoxin) were detected in fish tissue for any species tested.

The TAC decided to delay action on the final report until the April meeting when a revised report could be considered. All comments and suggested edits should be submitted to Matt by March 23, and a revised final report will be circulated the week of March 26.

10:10 AM Approve February meeting summary

Angela: motion to approve summary as written. Bill seconded. All in favor.

10:15 AM Executive session Review FY18 technical task proposals

Mark moves to enter executive session. Martin seconds. All in favor.

3:00 PM Adjourn

Note: The second day of the meeting on Thursday, March 8 was canceled because TAC completed its business by the end of the day Wednesday.