

USEPA/WDNR Lower Fox River PCB Project
Long Term Chemical Monitoring Schedule
September 2, 2022 DRAFT

This table identifies the USEPA/SDNR requirements regarding when monitoring functions are to be completed, e.g., caps, fish tissue, etc. If an Operable Unit is completed earlier or later than expected then the USEPA/WDNR will revise this monitoring schedule.							
Calendar Year	EPA 5 Year Report	OU1 Fish, and Water (Construction Completed 2009)	OU2 Fish, Water, and MNR Sediment (Construction Completed 2009)	OU3 Fish, Water, and Isolation-Layer (Construction Completed 2011)	OU4 Fish, Water, and Isolation-Layer (Construction Completed 2020)	OU5 Fish, Water, and MNR Sediment (Construction Completed Upstream 2020)	Calendar Year
2009	Yes						2009
2010		Fish Tissue-OU1-Year 0 Water-OU1-Year 0					2010
2012		Fish Tissue-OU1-Year 2 Water-OU1-Year 2	Fish Tissue-OU2-Year 0 Water-OU2-Year 0 MNR Sediment-OU2-Year 0	Fish Tissue-OU3-Year 0 Water-OU3-Year 0 Isolation-Layer-OU3-Year 0			2012
2014	Yes		Fish Tissue-OU2-Year 2 Water-OU2-Year 2 MNR Sediment-OU2-Year 2	Fish Tissue-OU3-Year 2 Water-OU3-Year 2 Isolation-Layer-OU3-Year 2			2014
2018		Fish Tissue-OU1-Year 8 Water-OU1-Year 8	Fish Tissue-OU2-Year 6 Water-OU2-Year 6 MNR Sediment-OU2-Year 6	Fish Tissue-OU3-Year 6 Water-OU3-Year 6 Isolation-Layer-OU3-Year 6			2018
2019	Yes						2019
2021					Fish Tissue-OU4-Year 0 Water-OU4-Year 0 Isolation-Layer-OU4-Year 0	Fish Tissue-OU5-Year 0 Water-OU5-Year 0 MNR Sediment-OU5-Year 0	2021
2022		Fish Tissue-OU1-Year 12 Water-OU1-Year 12	Fish Tissue-OU2-Year 10 Water-OU2-Year 10 MNR Sediment-OU2-Year 10	Fish Tissue-OU3-Year 10 Water-OU3-Year 10 Isolation Layer-OU3-Year 10 (Note 1)	Fish Tissue-OU4-Year 1 Water-OU4-Year 1 Isolation Layer-OU4-Year 1 (Note 2)	Fish Tissue-OU5-Year 1 Water-OU5-Year 1 MNR Sediment-OU5-Year 1 (Note 3)	2022
2024	Yes						2024
2027		Fish Tissue-OU1-Year 17 Water-OU1-Year 17	Fish Tissue-OU2-Year 15 Water-OU2-Year 15 MNR Sediment-OU2-Year 15	Fish Tissue-OU3-Year 15 Water-OU3-Year 15 Isolation Layer-OU3-Year 15 (Note 1)	Fish Tissue-OU4-Year 6 Water-OU4-Year 6 Isolation-Layer-OU4-Year 6	Fish Tissue-OU5-Year 6 Water-OU5-Year 6 MNR Sediment-OU5-Year 6	2027
2029	Yes						2029
2032		Fish Tissue-OU1-Year 22 Water-OU1-Year 22	Fish Tissue-OU2-Year 20 Water-OU2-Year 20 MNR Sediment-OU2-Year 20	Fish Tissue-OU3-Year 20 Water-OU3-Year 20 Isolation Layer-OU3-Year 20 (Note 1)	3Fish Tissue-OU4-Year 11 Water-OU4-Year 11 Isolation-Layer-OU4-Year 11	Fish Tissue-OU5-Year 11 Water-OU5-Year 11 MNR Sediment-OU5-Year 11	2032
2034	Yes						2034
2037		Fish Tissue-OU1-Year 27 Water-OU1-Year 27	Fish Tissue-OU2-Year 25 Water-OU2-Year 25 MNR Sediment-OU2-Year 25	Fish Tissue-OU3-Year 25 Water-OU3-Year 25 Isolation Layer-OU3-Year 25 (Note 1)	Fish Tissue-OU4-Year 16 Water-OU4-Year 16 Isolation-Layer-OU4-Year 16	Fish Tissue-OU5-Year 16 Water-OU5-Year 16 MNR Sediment-OU5-Year 16	2037
2039	Yes						2039
2042		Fish Tissue-OU1-Year 32 Water-OU1-Year 32	Fish Tissue-OU2-Year 30 Water-OU2-Year 30 MNR Sediment-OU2-Year 30	Fish Tissue-OU3-Year 30 Water-OU3-Year 30 Isolation Layer-OU3-Year 30 (Note 1)	Fish Tissue-OU4-Year 21 Water-OU4-Year 21 Isolation-Layer-OU4-Year 21	Fish Tissue-OU5-Year 21 Water-OU5-Year 21 MNR Sediment-OU5-Year 21	2042
2044	Yes						2044
2047		Repeat year 2042 monitoring for fish tissue, water, chemical isolation-layer, and monitored natural recovery sediment every five (5) years in perpetuity.					2047
2049	Yes						2049
Note 1: The RPs requested and the Agencies accepted that for OU3 and starting with monitoring year 2022, the LTMP "Isolation Layer" monitoring be discontinued. Note 2: The RPs requested and the Agencies accepted that for OU4 and only for monitoring year 2022, the LTMP "Isolation Layer" monitoring be canceled. Note 3: The RPs requested and the Agencies accepted that for OU5 and only for monitoring year 2022, the "MNR Sediment-OU5-Year 1" monitoring be canceled.							

USEPA/WDNR Lower Fox River PCB Project

Long Term Cap Monitoring Schedule

September 2, 2022 DRAFT

This table identifies the USEPA/SDNR requirements regarding when monitoring functions are to be completed, e.g., caps, fish tissue, etc.
If an Operable Unit is completed earlier or later than expected then the USEPA/WDNR will revise this monitoring schedule.
Note: Cap Monitoring in OU2 is not required.

Calendar Year	EPA 5 Year Report	OU1 Caps (Construction Completed 2009)	OU3 Caps (Construction Completed 2011)	OU4 Caps 2013 - 2014 (Construction Completed 2014)	OU4 Caps 2015 - 2017 (Construction Completed 2017)	OU4/OU5 Caps 2018 - 2020 (Construction Completed 2020)	Calendar Year
2009	Yes						2009
2010		Caps-OU1-Year 0 Note: Year zero for OU1 was the year after construction was completed.					2010
2011		Caps-OU1-Year 1 Note: Bathymetric Survey Triggered in 2011 by 5 year recurrence flow rate in 2010.	Caps-OU3-Year 0				2011
2012		Caps-OU1-Year 2 Note: Bathymetric Survey of cap waived for 2012 because of the 2011 Bathymetric Survey results for 5 year recurrence flow rate in 2010.					2012
2014	Yes		Caps-OU3-Year 3	Caps-OU4-Year 0 (2013-2014)			2014
2016				Caps-OU4-Year 2 (2013-2014)			2016
2017					Caps-OU4-Year 0 (2015-2017)		2017
2018		Caps-OU1-Year 8	Caps-OU3-Year 7	Caps-OU4-Year 4 (2013-2014)	Caps-OU4-Year 1 (2015-2017)		2018
2019	Yes						2019
2020						Caps-OU4/OU5-Year 0 (2018-2020)	2020
2022		Caps-OU1-Year 12	Caps-OU3-Year 11	Caps-OU4-Year 8 (2013-2014)	Caps-OU4-Year 5 (2015-2017)	Caps-OU4/OU5-Year 2 (2018-2020)	2022
2024	Yes						2024
2027		Caps-OU1-Year 17	Caps-OU3-Year 16	Caps-OU4-Year 13 (2013-2014)	Caps-OU4-Year 10 (2015-2017)	Caps-OU4/OU5-Year 7 (2018-2020)	2027
2029	Yes						2029
2032		Caps-OU1-Year 22	Caps-OU3-Year 21	Caps-OU4-Year 18 (2013-2014)	Caps-OU4-Year 15 (2015-2017)	Caps-OU4/OU5-Year 12 (2018-2020)	2032
2034	Yes						2034
2037		Caps-OU1-Year 27	Caps-OU3-Year 26	Caps-OU4-Year 23 (2013-2014)	Caps-OU4-Year 20 (2015-2017)	Caps-OU4/OU5-Year 17 (2018-2020)	2037
2039	Yes						2039
2042		Caps-OU1-Year 32	Caps-OU3-Year 31	Caps-OU4-Year 28 (2013-2014)	Caps-OU4-Year 25 (2015-2017)	Caps-OU4/OU5-Year 22 (2018-2020)	2042
2044	Yes						2044
2047		Repeat year 2042 monitoring for Caps every five (5) years in perpetuity.					2047
2049	Yes						2049