

SUMMARY OF PROPOSED RMP S&T MONITORING 2014-2023

Program	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Comments
Water											
Cu, CN, Se, Ancillary, MeHg		X		X		X		X		X	22 sites
PCB, PAHs, Pesticides, Toxicity								?		?	Every 8 or 10 years; last conducted in 2013 (2011 for toxicity)
CTR (VOCs, SVOCs, etc)		?									Every 10 years last conducted in 2002. 3 sites.
CECs		?		?		?		?			Frequency after 2014 TBD depending on research priorities
PBDEs											Drop
Sediment											
Anicillary, PAHs, PCBs, Hg, MeHg, Toxicity	X- Dry (no toxicity)				X-Wet				X- Dry		Decrease from 47 to 27 sites
PBDEs	X- Dry				X-Wet						Decrease from 47 to 27 sites. Drop after 2018.
Metals (including Se), pesticides	X- Dry								X- Dry		Decrease from 47 to 27 sites
Benthos									X- Dry		Coupled with chemistry in dry years for SQO. No samples in 2014.
Pyrethroids											Drop for bay; monitor in margins
CECs - NP, PFOS, etc.	X		?		?		?		?		2014 sampling will complement study of PFCs in effluent in 2014. Additional sampling TBD.
Bivalves											
PAHs, PBDEs	X		X		X		X		X		Reduce from 11 to 6 sites. Consider dropping PBDEs when declines are firmly established.
PCBs	X								X		
Se	X		X		X		X		X		To support Se TMDL
CECs	X		?		?		?		?		Frequency after 2014 TBD depending on research priorities
Sport Fish											
Suite of Analytes ¹	X					X					Every 5 yr
Pesticides											Drop
Bird Eggs											
Suite of Analytes ²		X			X			X			Every 3 yr
Pesticides											Drop
USGS Cruises											
	X	X	X	X	X	X	X	X	X	X	Cloern/ Schoelhammer

¹ Sportfish will be analyzed for the following in 2014: PCBs, PBDEs, Hg, Se, dioxins, and PFCs² Cormorant eggs are analyzed for the following: PCBs, PBDEs, Hg, PFCs, and Se. Tern eggs are analyzed for Hg, PBDEs, and Se.

"X" = Planned sampling event. "?" = Potential sampling event.