

****ABSTRACT NOT FOR CITATION WITHOUT AUTHOR PERMISSION.** The title, authors, and abstract for this completion report are provided below. For a copy of the full completion report, please contact the author via e-mail at aaron_jubar@fws.gov. Questions? Contact the GLFC via email at research@glfc.org or via telephone at 734-662-3209 ext. 118.

Stream selection for lampricide treatments: effectively communicating the process internally and among partners

Project ID – 2022_JUB_770230

Aaron Jubar¹, Shawn Nowicki², Becca Philipps², Jill Wingfield³, Christina Contreras Stone³, Ryan Booth⁴, Fraser Neave⁴

¹ USFWS, Ludington Biological Station, 5050 Commerce Dr., Ludington, MI 49431

² USFWS, Marquette Biological Station, 1095 Cornerstone Drive, Marquette, MI 49855

³ Great Lakes Fishery Commission, 2200 Commonwealth Blvd, Suite #100, Ann Arbor, MI 48105

⁴ Fisheries and Oceans Canada, Sea Lamprey Control Center, 1219 Queen Street East, Sault Ste. Marie ON P6A 2E5

September 2025

PLAIN LANGUAGE SUMMARY:

“Why is that stream being treated with lampricide this year?”

It's a common question fielded by Sea Lamprey Control Program (Program) agents and partners. The answer, however, is often complicated and requires context and extensive background knowledge to adequately respond. A proper explanation involves digging into the Program's annual stream treatment ranking process, which is complicated and overseen by only a handful of Program experts. To aid Program staff and external fishery managers in answering stream treatment selection questions, we sought to develop a fact sheet that explains the process in plain language writing and is consumable by a wide audience by using basic biological terms. We spent multiple seasons summarizing the stream selection process and distilling it down into a shareable outreach resource. The project team sought input from dozens of fisheries biologists, including internal Program professionals who possess considerable expertise in stream treatment selection. Experts in communications and outreach coalesced the information and materials into the final product. The end result is a sleek, concise and visually appealing fact sheet that will be shared with all Program stations, internal partners, and external partners

including Tribes, First Nations, NGO's, and state, provincial and federal fisheries managers from the Great Lakes region.

Download the fact sheet at <https://www.glf.org/pubs/factsheets/Stream-Selection-factsheet.pdf>.