2021 Lampricide Application Schedule (10/21/21) FINAL

| Treatment Window | Station(s) | Tributary | County | State/Province | Lake | Larvae Targeted | |
|--------------------------------|--------------|--|--------------------------------|----------------|----------|-----------------|---|
| oril 12-21 | SLCC | Sterling Creek | | NY | Ontario | 39,828 | Deferred-Intl travel not permitted due to pandemic |
| oril 12-21 | SLCC | Ninemile Creek | | NY | Ontario | 56,167 | Deferred-Intl travel not permitted due to pandemic |
| oril 26-30 | SLCC | Snake Creek | | NY | Ontario | 7,766 | Deferred-Intl travel not permitted due to pandemic |
| pril 26-30 | SLCC | Catfish Creek | | NY | Ontario | 534 | Deferred-Intl travel not permitted due to pandemic |
| pril 26-30 | SLCC | Lindsey Creek | | NY | Ontario | 4,328 | Deferred-Intl travel not permitted due to pandemic |
| pril 27 - May 6 | MBS | McKay Creek | Mackinac | MI | Huron | 7,296 | |
| pril 27 - May 6 | MBS | Munuscong River (Taylor Creek) | Chippewa | MI | Huron | 23,240 | |
| pril 27 - May 6 | MBS | Albany Creek | Mackinac | MI | Huron | 223 | |
| pril 27 - May 6 | MBS | Whitefish River (Haymeadow Creek) | Delta | MI | Michigan | 2,624 | |
| pril 27 - May 6 | MBS | Sugar Creek | Menominee | MI | Michigan | 641 | |
| pril 27 - May 6 | MBS | Three Mile Creek | Kewaunee | WI | Michigan | 748 | |
| pril 27 - May 6 | LBS | Grand River | Lake and Ashtabula | OH | Erie | 8,895 | Deferred-High Covid numbers |
| pril 27 - May 6 | LBS | Conneaut Creek | Crawford, Erie and Ashtabula | OH/PA | Erie | 11,803 | Deferred-High Covid numbers |
| pril 27 - May 6 | LBS | Racoon Creek | Erie | PA | Erie | 1,177 | Deferred-High Covid numbers |
| pril 27 - May 6 | LBS | St. Joseph River (Pipestone Creek) | Berrien | MI | Michigan | 12,527 | |
| pril 27 - May 6 | LBS | St. Joseph River (Farmer's Creek) | Berrien | MI | Michigan | 1,360 | |
| oril 27 - May 6 | LBS | St. Joseph River (Hickory Creek) | Berrien | MI | Michigan | 2,368 | |
| ay 10 - May 30 | SLCC | South Sandy Creek | Somen | NY | Ontario | 237,438 | Deferred-Intl travel not permitted due to pandemic |
| ay 11- May 20 | MBS | Cedar River | Menominee | MI | Michigan | 139,165 | parameter and the param |
| ay 11- May 20 ay 11- May 20 | MBS | Valentine Creek | Delta | MI | Michigan | 6,191 | |
| | MBS | Arthur Bay Creek | Menominee | MI | _ | 1,280 | |
| ay 11- May 20 | | | | | Michigan | | |
| ay 11- May 20 | LBS | Hog Island Creek | Mackinac | MI | Michigan | 4,652 | |
| ay 11- May 20 | LBS | Black River | Mackinac | MI | Michigan | 1,121 | |
| ay 17-May 21 | SLCC | Root River (Crystal Creek only) | | Ont | Huron | - | |
| ay 25- May 28 | SLCC | Watsons Creek | | Ont | Huron | 333 | |
| ay 25 - June 3 | MBS | Traverse River | Keweenaw | MI | Superior | 131,506 | |
| ay 25 - June 3 | MBS | Ravine River (Fossom Creek) | Baraga | MI | Superior | 19,357 | Mainstream scheduled during 9/26-10/6 |
| ay 25 - June 3 | MBS | Hungarian Creek (lentic) | Houghton | MI | Superior | 1,068 | |
| ay 25 - June 3 | MBS | Trap Rock River (lentic) | Houghton | MI | Superior | 373 | |
| ay 25 - June 3 | MBS | Brevort River and lentic | Mackinac | MI | Michigan | 2,853 | |
| ay 25 - June 3 | MBS | Munuscong River (Taylor Creek)-upper section | Chippewa | MI | Huron | - | |
| ay 25 - June 3 | LBS | Saginaw River (Shiawassee River) | Shiawassee and Saginaw | MI | Huron | 59,361 | |
| ay 25 - June 3 | LBS | East AuGres River | Iosco and Arenac | MI | Huron | 8,795 | |
| ine 3 - June 9 | SLCC | Whitefish Channel (in St. Marys) | | Ont | Huron | 280 | |
| ne 3 - June 9 | SLCC | Little Salmon River | | NY | Ontario | 399,181 | Deferred-Intl travel not permitted due to pandemic |
| ne 8-June 17 | LBS | Saginaw River (Chippewa and Pine rivers) including lotic plots | Isabella, Midland, and Gratiot | MI | Huron | 260,260 | Pine River deferred due to insufficient discharge & low DO levels |
| ne 8-June 17 | MBS | Pine River | Chippewa and Mackinac | MI | Huron | 244,312 | |
| ine 11-June 23 | DFO | Serpent River | ** | Ont | Huron | 7,595 | |
| ne 11-June 23 | DFO | Sand Creek | | Ont | Huron | 2,686 | |
| ne 21- July 30 | MBS/LBS/SLCC | St. Marys River | Chippewa | MI | Huron | 807,286 | |
| ne 22-June 30 | MBS | Brule River | Douglas | WI | Superior | 66,918 | |
| ne 22-June 30 | MBS | Amnicon River | Douglas | WI | Superior | 42,966 | Amnicon estuary scheduled during Sept. 28-Oct. 6 |
| ine 22-June 30 | MBS | Potato River | Ontonagon | MI | Superior | 43,532 | , |
| ine 22-June 30 | LBS | Kalamazoo River (Swan Creek) | Allegan | MI | Michigan | 12,009 | |
| me 22-June 30 | LBS | Little Manistee River | Manistee | MI | Michigan | 8,734 | |
| ly 6-July15 | MBS | Carp River | Mackinac and Chippewa | MI | Huron | 245,353 | |
| ly 6-July15 | MBS | Pine River tributaries | Mackinac and Chippewa | MI | Huron | 243,333 | Rescheduled October 12-21 due to low water |
| • • | | | ** | | | | resenedured October 12-21 due to low water |
| ly 6-July15 | LBS | Waiska River (West Branch) | Chippewa | MI | Superior | 39,128 | |
| ly 6-July15 | LBS | Black River (Middle Branch) | Allegan and Van Buren | MI | Michigan | 3,796 | |
| ly 6 - July 23 | SLCC | Chippewa River (lentic) | | Ont | Superior | 1,681 | ni i an n ni minini |
| ly 6 - July 23 | SLCC | Nottawasaga River | | Ont | Huron | 53,532 | Rained out: Bear, Boyne, Pine and Main to 24x completed |
| ıly 6 - July 23 | SLCC | Big Creek | | Ont | Erie | 25,430 | Big Creek main treated, Venison Cr. scheduled Sept. 7-24 |
| ıly 6 - July 23 | SLCC | Salmon River (Trout Brook) | | NY | Ontario | - | Treated by USFWS Vermont/NYSDEC |
| ly 6 - July 23 | SLCC | Little Sandy Creek | | NY | Ontario | 12,523 | Treated by USFWS Vermont/NYSDEC |
| ıly 20-July 29 | MBS | Millecoquins River (sans Furlong Cr.) | Mackinac | MI | Michigan | 31,151 | |
| ıly 20-July 29 | MBS | Little Two Hearted River | Luce | MI | Superior | 38,474 | |
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|--------------------------|------------|---|-----------------------------|----------------|----------|-----------------|--|
| July 20-July 29 | LBS | Rifle River (West Branch & Tribs) | Ogemaw and Arenac | MI | Huron | 609,568 | |
| August 3-August 12 | LBS/MBS | Rifle River (Upper complex & mainstream) | Ogemaw and Arenac | MI | Huron | - | Lower river scheduled during October 12-21 |
| August 3 - August 23 | SLCC | Salem Creek | | Ont | Ontario | 122 | |
| ugust 3 - August 23 | SLCC | Proctor Creek | | Ont | Ontario | 4,603 | |
| ugust 3 - August 23 | SLCC | Wilmot Creek | | Ont | Ontario | 28,605 | |
| ugust 3 - August 23 | SLCC | Bowmanville Creek | | Ont | Ontario | 38,111 | |
| ugust 3 - August 23 | SLCC | Duffins Creek | | Ont | Ontario | 124,059 | Tributaries scheduled during Sept. 7-24 |
| ugust 3 - August 23 | SLCC | Oshawa Creek | | Ont | Ontario | 6,966 | |
| ugust 3 - August 20 | SLCC | Graham Creek | | Ont | Ontario | - | Added due to residuals |
| ugust 3 - August 23 | SLCC | Black River +lentic | | Ont | Ontario | 152,427 | Deferred-Intl travel not permitted due to pandemic |
| ugust 17-August 26 | MBS | Sturgeon River | Baraga | MI | Superior | 20,233 | |
| ugust 17-August 26 | MBS | Silver River | Baraga | MI | Superior | 7,083 | |
| agust 17-August 26 | MBS | Pilgrim River | Houghton | MI | Superior | 2,909 | Geographic efficiency |
| ugust 17-August 26 | MBS | Slate River | Baraga | MI | Superior | 533 | |
| ugust 17-August 26 | MBS | Falls River | Baraga | MI | Superior | 100,585 | |
| igust 17-August 26 | LBS | Boyne River | Charlevoix | MI | Michigan | 45,536 | |
| ugust 17-August 26 | LBS | Long Lake Outlet | Alpena | MI | Huron | 4,823 | |
| igust 17-August 26 | LBS | Galien River | Berrien MI and LaPorte IN | MI and IN | Michigan | 5,745 | The state of the s |
| igust 28 - August 31 | SLCC | Grindstone Creek | | NY | Ontario | 101,118 | Treated by USFWS Vermont/NYSDEC |
| igust 28 - August 31 | SLCC | Salmon River | | NY | Ontario | 18,411 | Treated by USFWS Vermont/NYSDEC |
| igust 31-September 9 | MBS | Oconto River | Oconto | WI | Michigan | 43,318 | |
| igust 31-September 9 | MBS | Days River | Delta | MI | Michigan | 93,646 | |
| agust 31-September 9 | MBS | Little Garlic River | Marquette | MI | Superior | 54,655 | |
| agust 31-September 9 | LBS | St. Joseph River (Paw Paw River) | Van Buren and Berrien | MI | Michigan | 21,769 | |
| ptember 7 - September 24 | SLCC | Big Otter Creek | | Ont | Erie | 22,876 | |
| ptember 7 - September 24 | SLCC | Big Creek (Venison Creek) | | Ont | Erie | - | |
| ptember 14-September 23 | MBS | Bad River | Iron, Bayfield, and Ashland | WI | Superior | 1,269,163 | |
| ptember 14-September 23 | MBS | Black River | Gogebic | MI | Superior | 80,177 | |
| ptember 14-September 23 | LBS | Milakokia River | Schoolcraft | MI | Michigan | 20,452 | |
| ptember 14-September 23 | LBS | Swan Creek | Mackinac | MI | Michigan | 1,492 | |
| ptember 14-September 23 | LBS | Hessel Creek | Mackinac | MI | Huron | 3,483 | |
| eptember 14-September 23 | LBS | Steeles Creek | Mackinac | MI | Huron | 388 | |
| eptember 28-October 6 | MBS | Bad River | Iron, Bayfield, and Ashland | WI | Superior | - | Treatment start scheduled in earlier time block |
| eptember 28-October 6 | MBS | Amnicon River (estuary) | Douglas | WI | Superior | - | |
| eptember 28-October 6 | MBS | Schlotz Creek | Houghton | MI | Superior | 3,080 | Geographic efficiency |
| ptember 28-October 6 | MBS | Ravine River | Baraga | MI | Superior | - | Mainstream deferred (low water) - Fossom Creek treated earlier |
| ptember 28-October 6 | LBS | Trout River | Presque Isle | MI | Huron | 4,695 | |
| ptember 28-October 6 | LBS | Ocqueoc River | Presque Isle | MI | Huron | 26,267 | Deferred-salmon staging below barrier |
| ptember 28-October 6 | LBS | Elliot Creek | Cheboygan | MI | Huron | 2,429 | |
| eptember 28-October 6 | LBS | Little Black Creek | Cheboygan | MI | Huron | 244 | Treated-Geographic efficiency |
| ptember 28-October 6 | LBS | Schmitt Creek | Cheboygan | MI | Huron | 6,072 | Treated-Geographic efficiency |
| ctober 4 - October 8 | SLCC | Root River | | Ont | Huron | 123,714 | |
| ctober 12-October 21 | MBS | Little Munuscong River | Chippewa | MI | Huron | 2,791 | |
| ctober 12-October 21 | MBS | Pine River tributaries (Little Bear & Sweiger creeks) | Chippewa/Mackinac | MI | Huron | - | |
| ctober 12-October 21 | MBS | Carp River (Ozark Creek & South Branch Carp R.) | Chippewa/Mackinac | MI | Huron | - | South Branch deferred - insufficient discharge |
| ctober 12-October 21 | LBS | Cheboygan River (Pigeon River) | Otsego and Cheboygan | MI | Huron | 47,655 | Deferred-stream restoration project (sedimentation) |
| ctober 12-October 21 | LBS | Rifle River (Lower river) | Ogemaw and Arenac | MI | Huron | - | |
| ctober 12-October 22 | SLCC | Shelter Valley Creek | | Ont | Ontario | 35,544 | |
| ctober 12-October 22 | SLCC | Duffins Creek tributaries | | Ont | Ontario | - | |
| ctober 12-October 29 | SLCC | Bighead River | | Ont | Huron | 110,213 | Deferred-High Covid numbers |
| tober 12-October 29 | SLCC | Michipicoten River | | Ont | Superior | 4,390 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Credit River | | Ont | Ontario | 73,053 | Deferred-Intl travel not permitted due to pandemic |
| ctober 12-October 29 | SLCC | Neebing River | | Ont | Superior | 747,207 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Cloud River | | Ont | Superior | 55,184 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Jarvis River | | Ont | Superior | 47,019 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Pays Platt River | | Ont | Superior | 85,402 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Little Pays Platt | | Ont | Superior | 8,849 | Deferred-insufficient discharge; shortened season due to pandemic |
| ctober 12-October 29 | SLCC | Jackfish River | | Ont | Superior | 59,704 | Deferred-insufficient discharge; shortened season due to pandemic |
| CIOUCI 12-OCIOUCI 27 | SECC | Jackhon Kivel | | Om | Superior | 37,704 | de to pandeme |

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| October 12-October 29 | SLCC | Naiscoot River | | Ont | Huron | 1,605 | Deferred-insufficient discharge; shortened season due to pandemic |
| October 12-October 29 | SLCC | Livingstone Creek | | Ont | Huron | 359 | Deferred-insufficient discharge |
| October 12-October 29 | SLCC | Spanish River (Beaudin Creek) | | Ont | Huron | 1,218 | Deferred |
| October 12-October 29 | DFO | Mississagi River Lentic only | | Ont | Huron | - | Unknown at this time |
| October 12-October 29 | DFO | Mississagi River main | | Ont | Huron | 100,234 | Deferred-lack of concurrence |
| October 12-October 29 | DFO | Lynde Creek | | Ont | Ontario | 6,541 | Not ranked or treated in 2021 |

CONTACTS

| Station | Name | Phone number | Email |
|------------------------------------|----------------|--------------|------------------------------|
| Marquette Biological Station (MBS) | Shawn Nowicki | 906-869-1216 | shawn_nowicki@fws.gov |
| Ludington Biological Station (LBS) | Jenna Tews | 231-690-3305 | Jenna_Tews@fws.gov |
| Sea Lamprey Control Centre (SLCC) | Bruce Morrison | 705-941-3022 | Bruce.Morrison@dfo-mpo.gc.ca |