

Sample Collected By: Bill Artwich
Date Collected: 09/10/2015
Lake Name: Lac Vieux Desert
Lake Location: Gogebic County
Date Analyzed: 10/16/2015
eDNA Analysis By: Kronlein
Sample ID: H363

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Gene Targeted</u> | <u>Results</u> |
|---------------------------------------|---------------------|----------------------|----------------------------|
| <i>Cercopagis pengoi</i> | Fishhook Waterflea | COI and 28S rRNA | eDNA below detection limit |
| <i>Daphnia cristata</i> | Daphnia | nd2 | eDNA below detection limit |
| <i>Orconectes rusticus</i> | Rusty Crayfish | COI | eDNA below detection limit |
| <i>Petromyzon marinus</i> | Sea Lamprey | nd3 and COI | eDNA below detection limit |
| <i>Limnoperna fortunei</i> | Golden Mussel | COI | eDNA below detection limit |
| <i>Dreissena bugensis</i> | Quagga Mussel | COI | eDNA below detection limit |
| <i>Bythotrephes longimanus</i> | Spiny Waterflea | COI and 28S rRNA | eDNA below detection limit |
| <i>Hydrilla verticillata</i> | Hydrilla | matK | eDNA below detection limit |
| <i>Dreissena polymorpha</i> | Zebra Mussel | 18S rRNA and COI | eDNA below detection limit |
| <i>Channa argus</i> | Northern Snakehead | NADH | eDNA below detection limit |
| <i>Dikerogammarus villosus</i> | Killer Shrimp | COI | eDNA below detection limit |
| <i>Didymosphenia geminata</i> | Didymo or Rock Snot | 18S rRNA | eDNA below detection limit |
| <i>Cylindrospermopsis raciborskii</i> | Cylindro | rbcL | eDNA below detection limit |
| <i>Corbicula fluminea</i> | Asian Clam | COI | eDNA below detection limit |
| <i>Potamopyrgus antipodarum</i> | New Zealand Mudsail | cytb | eDNA below detection limit |
| <i>Neogobius melanostomus</i> | Round Goby | COI and cytb | eDNA below detection limit |
| <i>Procambarus clarkii</i> | Red Swamp Crayfish | int2 | eDNA below detection limit |
| <u>Positive Control</u> | | | |
| Zebra Mussel DNA Spiked in Reaction | | | eDNA detected |