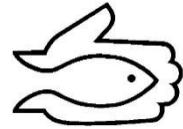


Date: October 18th, 2017

To: Laureen Janusz & Ian Kitch  
Sustainable Development – Fisheries Branch



# Summary of Activities

From: Holly Urban, Brock Koutecky, Megan Paterson - Swan Valley Sport Fishing Technical Staff  
Contact: [swanvalleysportfish@gmail.com](mailto:swanvalleysportfish@gmail.com)

cc. Lloyd Rowe, Jonathon Stephens

Subject: 2017 Zebra Mussel Early Detection Program

SVSFE Zebra Mussel Early Detection Program 2017						
Lake	Sampler Location (UTM)	Date Installed	Date Removed	Depth (m)	Secchi (m)	Comments
Beautiful Lake	14U 361406 5713741	5/17/2017	9/13/2017	1m	>1m	No mussels observed
Bell Lake	14U 348061 5823467	7/6/2017	8/30/2017	1.2m	>1.2m	No mussels observed
Beaver Lake	14U 373600 5740420	5/18/2017		1m	>1m	<u>Sampler not present</u>
Child's Lake	14U 353397 5716162	5/17/2017	9/12/2017	1.6	>1.6m	No mussels observed
East Blue Lake	14U 367518 5718895	5/17/2017		1.25m	>1.25m	<u>Sampler not present</u>
Gull Lake	14U 357334 5714006	5/17/2017	9/22/2017	1.4m	>1.4m	No mussels observed
Glad Lake	14U 369140 5739604	5/17/2017	9/29/2017	0.8m	>0.8m	No mussels observed
Laurie Lake	14U 356343 5714327	5/17/2017	9/22/2017	1.4m	>1.4m	No mussels observed
Perch Lake	14U 368537 5723830	5/17/2017	10/16/2017	1.0m	>1.0m	No mussels observed
Singush Lake (Public)	14U 375269 5718591	5/17/2017		1.0m	>1.0m	<u>Sampler not present</u>
Singush Lake (Sawchuks)	14U 374616 5718433	5/17/2017	10/5/2017	1.3m	>1.3m	No mussels observed
North Steeprock Lake	14U 339670 5832061	7/6/2017	8/30/2017	2.4m	>2.4m	No mussels observed
Two Mile Lake	14U 368325 5737864	5/18/2017	9/14/2017	1.1m	>1.1m	No mussels observed
Wellman Lake	14U 369277 5741899	5/18/2017	10/10/2017	2.4m	>2.4m	No mussels observed
West Blue Lake	14U 366519 5720431	5/17/2017	10/16/2017	1.3m	>1.3m	No mussels observed
Whitefish Lake	14U 323815 5801671	5/16/2017	10/12/2017	0.7m	>0.7m	No mussels observed

**Summary:** In 2017, three waterbodies were added to the program including Perch Lake, Beaver Lake, and West Blue Lake; all of which are located within the Duck Mountain Provincial Park. Also, an additional sampler was deployed in Singush Lake (Sawchuck Location). Following retrieval, we observed each sampler both visually and through touch prior to bagging and tagging the samples. In this process no suspect adult zebra mussels were noted. Multiple samplers were missing including, Beaver Lake, Singush Lake, and East Blue Lake. Also, multiple samplers were retrieved from the lake bottom including Child's Lake, Laurie Lake, and Beautiful Lake. It appears that the experiment of using chain as opposed to sideline did not work as expected. In some locations, the actual sampler had failed, where in others the chain/chain links had failed. In 2018, samplers will be deployed in new locations which will be protected from both the elements and human disturbance. All samplers were sent to Winnipeg on October 17<sup>th</sup>, 2017