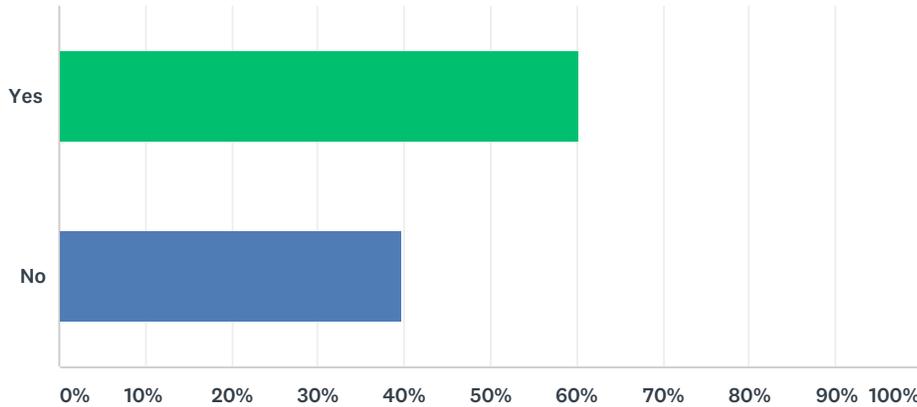


Q1 To the best of your knowledge, in the past few years have any members of your family, your guests, or neighbors developed itchy skin rashes (Swimmer's Itch) from contact with water in Torch Lake, Clam Lake, or Lake Bellaire?

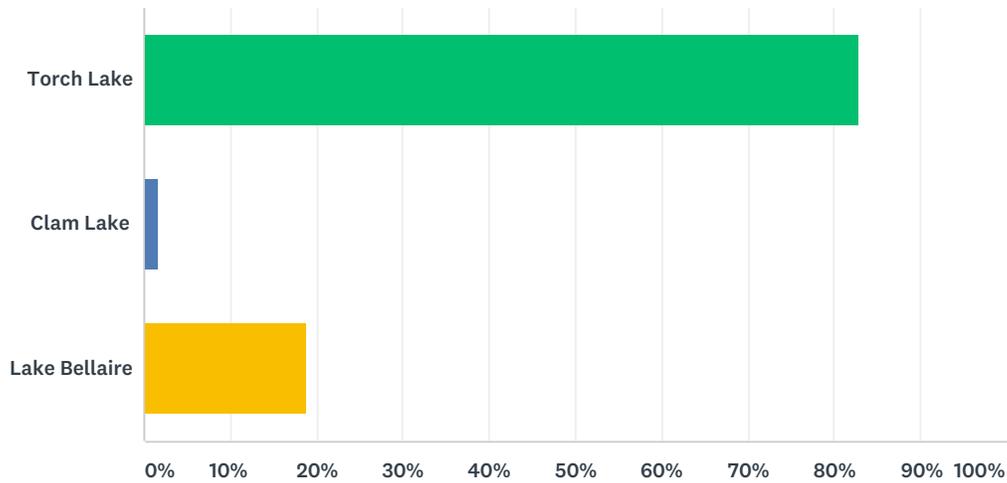
Answered: 201 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	60.20%	121
No	39.80%	80
TOTAL		201

Q2 If yes, in which lakes have you experienced swimmer's itch? – mark all that apply

Answered: 122 Skipped: 79

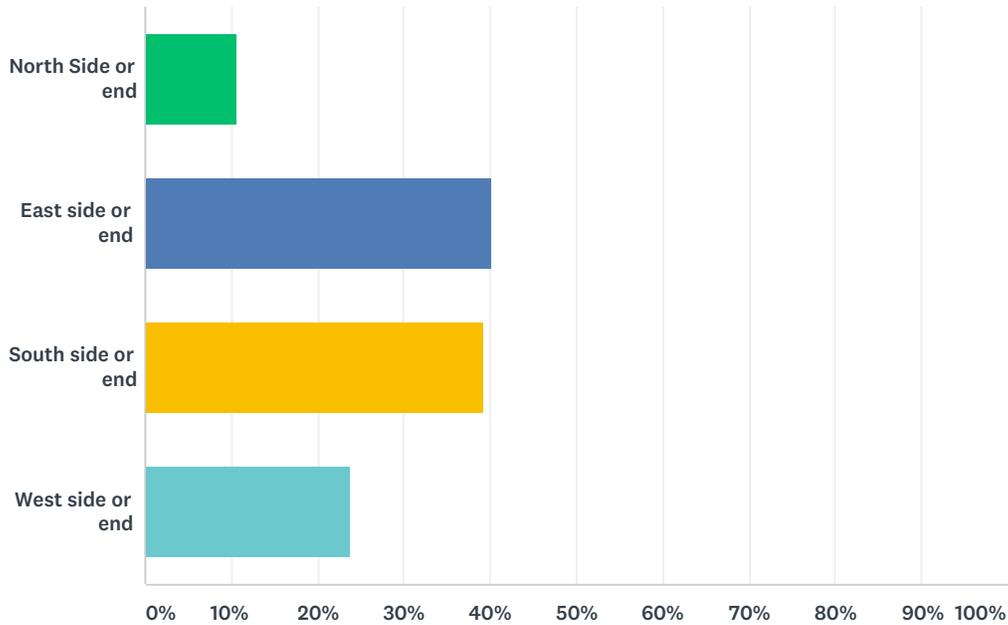


ANSWER CHOICES	RESPONSES
Torch Lake	82.79% 101
Clam Lake	1.64% 2
Lake Bellaire	18.85% 23
Total Respondents: 122	

#	OTHER (PLEASE SPECIFY)	DATE
1	5219 Shore Dr	1/28/2018 4:01 PM
2	Only on one occasion in Elk Lake	1/25/2018 12:03 PM
3	none	1/10/2018 11:06 AM
4	na	1/9/2018 7:15 PM
5	Thayer lake several years ago but did not swim past 2 years	1/9/2018 5:43 PM
6	NA	1/9/2018 5:38 PM

Q3 If yes, where on the lake? – mark all that apply

Answered: 122 Skipped: 79



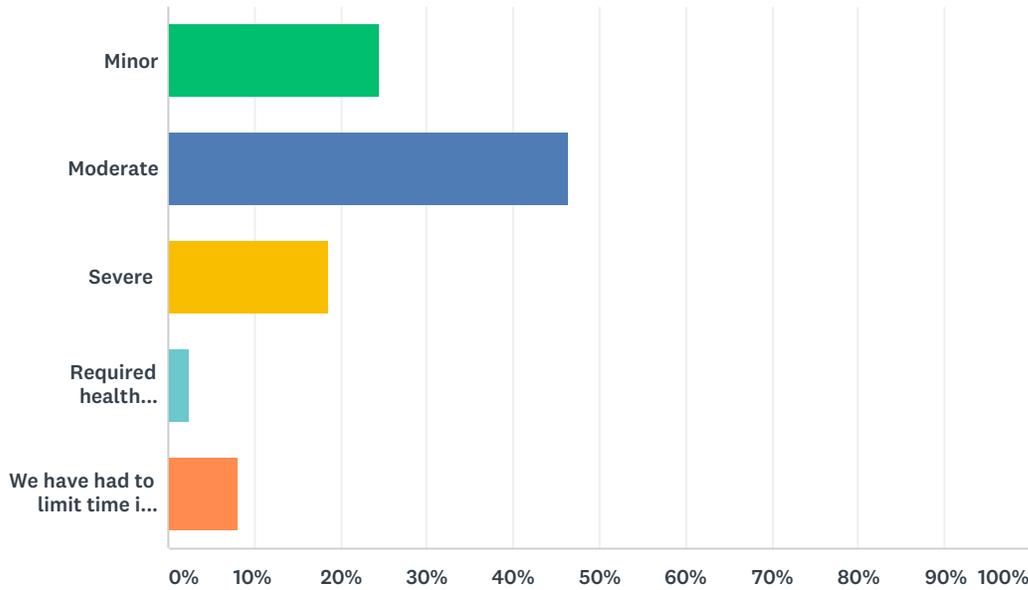
ANSWER CHOICES	RESPONSES
North Side or end	10.66% 13
East side or end	40.16% 49
South side or end	39.34% 48
West side or end	23.77% 29
Total Respondents: 122	

#	OTHER (PLEASE SPECIFY)	DATE
1	5219 Shore Dr	1/28/2018 4:01 PM
2	sand bar	1/25/2018 7:08 PM
3	Northwest edge	1/25/2018 6:02 PM
4	Along Crystal beach rd	1/25/2018 5:18 PM
5	Just north of Alden	1/25/2018 2:34 PM
6	Northwest end between Sonny's and M-88	1/25/2018 2:13 PM
7	Just north of the Dockside	1/17/2018 8:42 PM
8	on Fowler Lane	1/12/2018 4:05 PM
9	45th parallel	1/10/2018 8:31 PM
10	2975 NW TL drive	1/10/2018 8:26 PM
11	SW side as well as SE side	1/10/2018 12:49 PM
12	my wife and I, after wading in the water at the sand bar. August 2017	1/10/2018 7:52 AM
13	1 mile south of Eastport east side	1/10/2018 4:15 AM

14	near Alden	1/9/2018 9:19 PM
15	By the shore only	1/9/2018 8:21 PM
16	North arm - west side	1/9/2018 8:12 PM
17	na	1/9/2018 7:15 PM
18	Southwest side	1/9/2018 6:55 PM
19	Southwest arm of the lake	1/9/2018 5:38 PM
20	NA	1/9/2018 5:38 PM

Q4 If yes, how severe was the Swimmer's Itch?

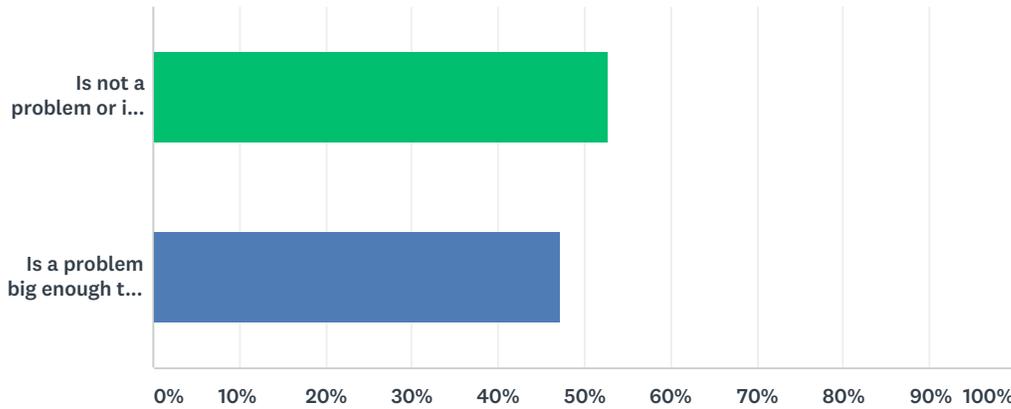
Answered: 123 Skipped: 78



ANSWER CHOICES	RESPONSES	
Minor	24.39%	30
Moderate	46.34%	57
Severe	18.70%	23
Required health professional treatment	2.44%	3
We have had to limit time in the water because of the problem	8.13%	10
TOTAL		123

Q5 We feel the Swimmer's Itch in our area:

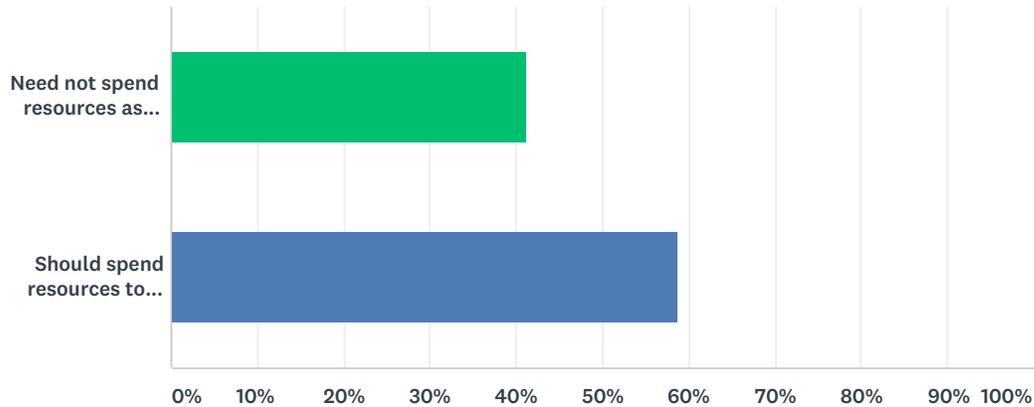
Answered: 201 Skipped: 0



ANSWER CHOICES	RESPONSES	
Is not a problem or is a very minor problem	52.74%	106
Is a problem big enough to warrant study and solution	47.26%	95
TOTAL		201

Q6 We feel the Three Lakes Association:

Answered: 201 Skipped: 0



ANSWER CHOICES	RESPONSES
Need not spend resources as Swimmer's Itch is not a problem here	41.29% 83
Should spend resources to study and remedy the Swimmer's Itch problem	58.71% 118
TOTAL	201

#	ADDITIONAL COMMENTS (PLEASE SPECIFY)	DATE
1	SI has occasionally occurred for over 50 years on Lake Bellaire but if people towel off upon leaving the water it hasn't been a problem. Not feeding ducks and swans has helped, as has staying out of shallow water.	2/1/2018 10:25 AM
2	Please concentrate on the brown algae problem.	1/29/2018 7:39 PM
3	Not sure you can "remedy". But you might give out education on how to reduce the effects and what to watch for.	1/28/2018 4:01 PM
4	We live on the west side of Torch Lake.	1/27/2018 3:36 PM
5	Swimmer's Itch has been an issue on the east side of Lake Bellaire my entire life. My grandparents were adamant about us towelng off or showering off when we got out of the water in the '60s and 70s. Several years ago my nephew had such a bad case that he almost went to the ER. Most of us have had mild cases of it. We have learned not to hang out by the shore and now have a ladder at the end of our dock to get in and out of the water. I haven't had it since childhood (I have always been one to follow the rules!). I am split as to whether or not TLA should spend money to study the issue. I guess I am curious as to whether some people are more susceptible to it than others. And I wonder if some seasons are worse than others and how to determine that. But I also know that it has "been around forever" on the east side of Lake Bellaire.	1/27/2018 3:10 PM
6	If you avoid prolonged wading near underwater obstacles, dock posts, rocks, etc. SI is generally not a problem for adults. Children in the shallows do suffer more from SI.	1/27/2018 2:25 PM
7	Our guests & family have had the itch on many occasions. My husband does not get it nor one our sons. Some have had to seek medical treatment in the past. My best solution is baby oil! Lather up with it before you go in the it pretty much keeps most of the itch away. I may get 1 or 2 spots.	1/27/2018 11:41 AM
8	Just one swimmer got swimmers itch although 5 swimmers were in the water with her and as often as she was. It happened about 3 years ago. We do notice a family of ducks that appear frequently along the shore.	1/25/2018 8:10 PM
9	Swimmer's itch affects whether or not people can spend enjoy the lake. A bad case of swimmer's itch can be terrible. It can result in people being afraid to spend time in the water.	1/25/2018 6:23 PM

10	We would be most appreciative to learn more about how to control, eliminate, and treat what is causing the bites. They literally keep much of our family out of the water all summer. And we are fearful to invite others into our water for fear they will be covered by the rashes and be miserable, and not return.	1/25/2018 6:02 PM
11	Thank you	1/25/2018 5:18 PM
12	Not sure how big of a problem it is, as we have not personally experienced it. Don't really know if resources should be spent or not. Would think it would be worth spending \$ if it is caused by pollution, which is certainly a problem.	1/25/2018 4:26 PM
13	At cost within reason.	1/25/2018 2:34 PM
14	We cannot wade in the water close to shore due to the possibility of re-contacting swimmer's itch...do not want to repeat the unpleasantness.	1/25/2018 2:13 PM
15	Years ago, we had some swimmer's itch, but not for a number of years.	1/25/2018 2:05 PM
16	Limited at this time to determining the extent of the problem in Bellaire, Torch and Clam Lakes.	1/25/2018 12:03 PM
17	We are on the north end of Torch that doesn't mean there is not a problem how bad is it?	1/25/2018 11:43 AM
18	This has not been a frequent nor reoccurring concern for our family. However, I think it warrants a modest amount of time and \$\$ by TLA to determine the severity of the issue and identify potential control solutions.	1/24/2018 8:00 AM
19	This was several years ago and haven't seen it in recent years. Would like more information on how pervasive it is before making a decision on working to remedy. Unfortunately, this question requires an answer in order to complete the survey.	1/17/2018 8:42 PM
20	We are 1 mile north of the bridge on the west side of the lake. Swimmer's itch has been a real problem for over 25 years. Each year every year. Shallow water use by children is the worst. We always towel off immediately and use our outdoor shower. The itch persists. Particularly bad for guests who are not aware of the problem.	1/16/2018 7:20 PM
21	The survey can help some, but to be sure I would run some tests to be sure. We don't want to miss something that could impact the awesome summer season.	1/15/2018 12:00 PM
22	even if TLA could spend some funds for a study would they have the funds and ability to correct the problem in Torch lake?	1/14/2018 3:48 PM
23	The problem has limited the time family, guests, and neighbors spend in the water. I don't know if anyone has required medical attention.	1/14/2018 10:40 AM
24	Several members of our family have had swimmers itch, including our young granddaughters. They are in the water a lot but use an ointment on their legs that minimizes the effects and the itching. My husband and I have never had it. We have a cottage on Lake Bellaire and have been playing in its waters for 34 years. It seems to us that swimmers itch has been a problem for about 10-12 years, and we wondered if the zebra mussels and the disappearance of the clams in the lake over that time are connected to the arrival of the swimmers itch. We also wonder about the effects of the Golden benthic algae that began appearing in Lake Bellaire over roughly that same 10-year period and if that creates the "itch".	1/13/2018 11:09 PM
25	It seems children are more at risk in shallow water. Even tho. We have not seen it in years, it is still worth it to try to find a good treatment for it.	1/13/2018 4:07 PM
26	Swimmer's Itch may be a problem for other areas of the lake(s), my anecdotal experience is purely just that, anecdotal.	1/13/2018 12:58 PM
27	I was shocked that my beautiful, clear Torch Lake gave me and several members of my family a miserable case of swimmer's itch. Please study this so we can take action.	1/13/2018 12:47 PM
28	It seems to only affect severely those of fair complexion. Others have been bitten but continued to go in the water.	1/12/2018 4:05 PM
29	I only experienced swimmers itch one time in 2016 a few days after July 4th at south end of Torch Lake. I swim much more often on east side, north of French Point and never had a problem	1/11/2018 5:11 PM
30	I now use a commercial product - swimmers itch guard- before going in the water. It probably contaminates the water as it rinses off but better than getting the itch and waiting weeks for it to go away.	1/11/2018 11:05 AM

31	This problem is persistent and severe at our location. Our family's vacations with us result in uncomfortable, disappointed grandchildren, et al, every summer! They are there to get into the water, and are seriously curtailed. We would be willing to donate to a study and remedy for this serious situation!	1/11/2018 9:51 AM
32	Used to have place on Glen Lake but bought on Torch in part due to severe swimmers itch on Glen. When we encountered it on Torch we were alarmed	1/10/2018 8:31 PM
33	We have family and friends that won't go in our beautiful water, and are very fearful of our grandchildren (a couple have gotten it, one severely on more than one occasion.) we have someone experience it nearly every year for 30 years. Thank you so much for this survey and interest!	1/10/2018 8:26 PM
34	Our family members, who all have grown up on Torch, have never gotten swimmers itch. Our guests do, however.	1/10/2018 4:15 PM
35	Items 5 and 6 are problematic, in that my understanding of SI (origins/potential spread/actual danger to lake and plant/animal life in lake) is limited. If SI is a problem only for humans, I'd rather money and effort were spent in educating property owners, renters, boaters, visitors about human behavior that negatively impacts the lake and the land around it.	1/10/2018 3:22 PM
36	We are a vacation rental company in the area and we always get renters telling us that someone in their party has gotten swimmers itch	1/10/2018 12:49 PM
37	The problem can become severe at any time because the parasite and its hosts are here. Even though my family and friends have not recently been afflicted, that could happen next year. This is an issue that we ought to be working on.	1/10/2018 11:21 AM
38	We have only lived on Torch Lake for 2 summers. We haven't experienced swimmers itch, but I have heard people talk about getting swimmers itch at the Sand Bar. If enough people say that it's a problem in the Lakes, I am in favor of spending resources to remedy the problem.	1/10/2018 9:50 AM
39	Timely information about the locations where the swimmer's itch parasite has and has not been detected in water from popular swimming areas would be a valuable TLA accomplishment.	1/10/2018 9:47 AM
40	Even though we (located on Torch 1/2 mile south of Clam River) haven't had the problem, it must be a problem to some on the lakes. So, I think the assoc. should investigate causes and possible solutions.	1/10/2018 9:38 AM
41	Over the counter anti-itch cream and sleep pills were used to relieve itching. Yucks, the kids were not sure they wanted to go swimming again! They were not swimming near the shoreline.	1/10/2018 9:01 AM
42	Towel off after swimming and it greatly reduces the problem. Maybe advertise this solution. Wading in shallow water is the worst place to be in the lake-where kids hang out.	1/10/2018 8:05 AM
43	Neighbor with nice sandy beach in cove feeds ducks. Lots of ducks and ducklings excrement and warm weather cause the itch. So solution is easy DO NOT FEED DUCKS . should make it illegal to feed ducks so my grandkids can play at our beach.	1/10/2018 4:15 AM
44	We like going to South end but because of the swimmers itch I get we avoid it ,, even to the east of the sand bar I still get it. I have seen some people with it and its bad .	1/9/2018 11:03 PM
45	I am more interested in your continuing study addressing the growing algae problem.	1/9/2018 10:27 PM
46	Have not experienced swimmers itch on Clam.	1/9/2018 9:59 PM
47	Susceptibility depends on the individual. 3 of my 4 grandchildren are not affected, the 4th develops a rash within hours.	1/9/2018 9:30 PM
48	We live in the middle of the East side of Torch, no Swimmer's itch near us. Friends with a home in Alden reported the incident above (each of the last four years)/	1/9/2018 9:19 PM
49	It does reduce our enjoyment on the lake.	1/9/2018 9:11 PM
50	My experience says it's not necessary. Hopefully that will be the consensus!	1/9/2018 9:10 PM
51	Just because we haven't experienced means we are lucky, not that it isn't a problem.	1/9/2018 8:46 PM
52	Spend dollars to come up with possible remedies, but let us know the options, and listen to our input as to whether we think 3Lakes should proceed.	1/9/2018 8:25 PM
53	It is what it is, don't try to change what's natural	1/9/2018 8:21 PM
54	Until such time it becomes more prevalent.	1/9/2018 8:12 PM

55	Swimmer's itch has been studied to death, with Hope College well known for its research. It is well known where swimmer's itch comes from. The simple remedy is to towel off immediately after getting out of the water. As well-intentioned as TLA is regarding swimmer's itch, I do not believe that TLA should spend time and money to further research a situation that has already been researched extensively and basic remedies are well-known.	1/9/2018 7:56 PM
56	The issue appears to be limited to the Sandbar and is severe when thousands are there...like 4th of July. This lake is 19 miles long. Do not spend precious member dollars looking any further at this. Deal with GBA!	1/9/2018 7:46 PM
57	It really interferes with the enjoyment of the water. We try to smother our bodies with swimmers itch guard and other products. But that doesn't always help. It is a big problem.	1/9/2018 7:40 PM
58	If it's a problem elsewhere, then yes, let's spend some money to remedy the situation. I'm not part of the NIMBY crowd (Not In My Backyard).	1/9/2018 7:34 PM
59	We've learned to stay out of shallow water when it's stirred up by South or east wind to prevent it. I'm concerned the fix might cause more issues than the problem itself	1/9/2018 7:18 PM
60	Sandbar	1/9/2018 7:13 PM
61	GBA seems like a bigger issue. Swimmers itch seems to be a sporadic late summer issue every couple of years.	1/9/2018 6:50 PM
62	With a shower right after swimming, and with proper lotion covering the skin before getting in the water, swimmer's itch can be controlled in our family	1/9/2018 6:30 PM
63	It has gotten worse each year! Thank you for this survey and hoping you study it.	1/9/2018 6:30 PM
64	Thank you for all you do!	1/9/2018 6:29 PM
65	But really depends on the results of the survey.	1/9/2018 6:24 PM
66	If there are resources, this is worth exploring, I think. While the problems experienced are not severe, they are an annoyance and knowing the scope of the problem would be helpful.	1/9/2018 6:21 PM
67	We have never found a good treatment and it can be a really bad problem!	1/9/2018 6:11 PM
68	Depends on results of survey	1/9/2018 6:03 PM
69	Fortunately we have not run into this. We are just north of Clam River on Torch Lake.	1/9/2018 5:56 PM
70	Thank you. It's a huge problem that did not exist 15 years ago. We cannot swim in prime swimming months.	1/9/2018 5:45 PM
71	Allow some duck hunting on these lakes	1/9/2018 5:43 PM
72	It's not a problem at our home, but we are aware of other areas where it's serious (southeast side on Torch). And it's gotten worse over the years	1/9/2018 5:39 PM
73	We have tried to mitigate it by putting on lots of sunscreen which helps, but doesn't prevent all of it.	1/9/2018 5:38 PM
74	No opinion but I can't submit survey without answering this question . Study is worthwhile if others are responding positively to being affected	1/9/2018 5:38 PM