

From: Steve Braddish <stevebraddish@gmail.com>  
Sent: Friday, February 22, 2013 5:34 PM  
To: Filbert, Jennifer M - DNR  
Cc: Larsen, Kris H - DNR  
Subject: Re: Spider Lake Water Sampling Sites

The Clear Lake yellow dot is also in the correct location Thanks.

On Fri, Feb 22, 2013 at 3:05 PM, Filbert, Jennifer M - DNR <Jennifer.Filbert@wisconsin.gov> wrote:

Sorry for the duplicate emails. Here is where the Clear lake yellow dot fell.

From: Filbert, Jennifer M - DNR  
Sent: Friday, February 22, 2013 3:05 PM  
To: Larsen, Kris H - DNR; 'Steve Braddish'  
Subject: RE: Spider Lake Water Sampling Sites

From: Filbert, Jennifer M - DNR  
Sent: Friday, February 22, 2013 3:04 PM  
To: Larsen, Kris H - DNR; Steve Braddish  
Subject: RE: Spider Lake Water Sampling Sites

I looked at the Little Spider Basin & Clear Lake locations. I just want to make sure the yellow dots are where you intend. Let me know if they should be adjusted (a little west, etc.).

The others you mentioned below seem more straightforward. I'll look at those next.

Also, with Spider Lake- Clear Lake is there any reason to call it that? Should we rename it to just Clear Lake (Spider Lake Chain) or something like that?

From: Larsen, Kris H - DNR  
Sent: Friday, February 22, 2013 10:21 AM  
To: Steve Braddish  
Cc: Filbert, Jennifer M - DNR  
Subject: RE: Spider Lake Water Sampling Sites

Hi Steve –

I have talked to Jennifer Filbert about Spider Lake. She believes the data can be re-identified with the correct sampling site, as soon as the correct locations are determined. I will let her know what you have found. She may have more questions. Thanks.

-- Kris

From: Steve Braddish [mailto:stevebraddish@gmail.com]  
Sent: Thursday, February 21, 2013 3:57 PM  
To: Dave Blumer  
Cc: Larsen, Kris H - DNR; kuntz@usfamily.net

Subject: Re: Spider Lake Water Sampling Sites

I have gone out to SWIMS to see if there is any way for me to update the GPS locations for the various sampling sites but have not been able to find anyway I can do this. I have not heard from Kris regarding whether he can update these either as a response to the previous emails. I have taken a GPS reading at the two missing sites that I am including below. This should provide all the needed information to update SWIMS but, again, going to have to wait for a response from Kris to determine how this information can be updated.

\* Clear Lake coordinates - 46 degrees 05.880 N, 091 degrees, 13.827 W

\* Little Spider Basin - 46 degrees 04.912 N, 091 degrees, 14.012 W

On Fri, Feb 15, 2013 at 1:16 PM, Dave Blumer <dblumer@sehinc.com> wrote:

It might be a good idea to go out on the ice with a GPS and take points where you have been collecting the data. At least that way there is an on the ground record of the sampling locations that can be compared to what is in the data.

Kris will have the final say though.

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From: Steve Braddish <stevebraddish@gmail.com>  
To: Dave Blumer <dblumer@sehinc.com>,  
Cc: spbrad@centurylink.net, kuntz@usfamily.net, Kris.Larsen@wisconsin.gov  
Date: 02/14/2013 05:33 PM  
Subject: Re: Spider Lake Water Sampling Sites

Thanks Dave for your email and finding this discrepancy. I went out to the SWIMS database and clicked on the map link next to each of the sampling sites and can clearly see the same problem you highlighted. It appears that somewhere back in time apparently the GPS coordinates for each of these sites got loaded incorrectly. Several of them appear to be the correct coordinates

but got loaded against the wrong store ID. On one, it does not even appear to be the correct lake as I cannot recognize the shoreline as the Spider Lake chain. Kris, by copy, would be interested in whether you can correct the two items that are correct coordinates but need to point to the correct store site (see below). For the others that are incorrect, what do we need to do? Do I need to take a GPS and go find the correct coordinates for these sampling sites? Here are the specifics that I have found:

\* 583048 - Little Spider Basin- DNR map shows a site in Brewer Bay vs the correct site which is outside the bay and down toward the south end of Little Spider. Kris, do I need to take a GPS reading here?

\* 583171 - Little Spider Basin Big Bay - I do not even recognize the DNR map location that comes up when you click on the map link next to this site. It does not appear to be the correct Spider Lake as I do not even recognize the shoreline shown here. Kris, the correct DNR map coordinates for this site are the ones that show for 583064. Are you able to make this change?

\* 583064 - Big Spider Basin - As stated above, the DNR map coordinates for this site need to be assigned to 583171. The correct DNR map coordinates for this site are the ones assigned to site 583113. Kris, can you make this change?

\* 583113 - Clear Lake - As stated above, the DNR map coordinates for this site should be assigned to site 583064. For the correct coordinates for this site, the same question is do I need to take a GPS reading here?

\* 583101 - Fawn Lake - everything looks correct to me.

\* 583102 - North Lake - everything looks correct to me.

Again, I believe the problem here is incorrect GPS coordinates for the various store sites. I do not believe there is an issue with the data consistency over the years for each of the sampling sites as I am sampling at the same locations marked on the map that Dr Mike gave to me and trained me on several years ago so I am confident we are sampling at the same sites going back at least about 10 years.

Kris, please let me know what assistance you can provide to update this information and let me know if new GPS reading will be required for the sites we do not have coordinates for. I would be glad to go back out after and reverify the corrections in the database. Others, if you still see some errors in my analysis please let me know. Again, Dave, thanks for finding this problem.

On Thu, Feb 14, 2013 at 8:53 AM, Dave Blumer  
<dblumer@sehinc.com> wrote:  
Hi Steve,

With the final plant survey reports coming in, I am finally updating/revising the APM Plan with your comments and corrections. There is a problem though that will need to be addressed by the Lake Association and the WDNR regarding the Citizen Lake Monitoring Network Sites you are collecting data from. When taking a closer look at the sites

you mention in your first email and the actual data that is in the WDNR SWIMS database, they don't match.

As an example, the site you say is the site in Clear Lake (583113) has coordinates that actually put it in the south bay of Big Spider Lake. The site you say is in the south bay of Big Spider (583064) has coordinates that actually put it in the north end of Little Spider.

The site that you say is in the north end of Little Spider (583171) actually has coordinates that put it in the southern most bay of Little Spider.

I am sure the data that is being collected is from where you say it is, just at some point, the site numbers, names, and locations will need to be reconciled with the WDNR. Plus we want to make sure the review of survey water quality data that is included in the APM plan is really from where we think it is.

The sampling information in the APM Plan (including Figure 2) is based off the data directly from SWIMS and the CLMN program. This is apparently not a true representation of the data you have been and are collecting. The sampling results are correct, we just need to get the right data with the right sites. That task is more a Lake Association/WDNR project, not one for SEH.

I did mention these issues to Kris Larsen at the WDNR in Spooner. He would be the contact to start making changers if necessary. He is also copied in this email.

kris.larsen@wisconsin.gov 715-635-4072

Thanks

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