

Lochaber Community Development Association

MEETING MINUTES

DATE: Tuesday January 8, 2019

TIME: 7:00pm

LOCATION: Lochaber Hall

Call to Order

- **Meeting to Discuss:** Monthly Meeting
- **Attendee Names:** Glen Terris, Joanne Campbell, Paul McClung, Carol Young, Dorothy Kern, Harriott MacMillan, Michelle Stewart, Carolyn MacDonald, Paul Fralick, and Barb Markovic,

New Business:

1. Boat Launch – discussion around access to the lake. This subject comes up from time to time and it was suggested that if there was interest in forming the RLC committee this could be considered for further discussion by the committee if the will was there.
2. Scott Beaver – President, St Mary's River Association – Education Campaign on the risks of the Proposed Gold Mine. Requesting to do a short presentation at an LCDA meeting. It was suggested that we have a representative from the Atlantic Gold project as well to get both perspectives on the issue.
3. Changing the date for the Annual General Meeting (AGM) – will do at AGM in May, 2019
4. Canada Summer Jobs Grant Application is due on January 25, 2019 - main change in this year's program is that all youth aged 15 to 30 can now apply for the jobs. LCDA's focus will be on a youth who can perform maintenance, cleaning, setting up/taking down for events, festivals and weddings as well as working the events.
5. StFX Service Learning Project on Lochaber Lake – Results received by email + 8 you tube videos and will be posted to the website with the minutes of the meeting.

Approval of Previous Minutes

Approved by: Glen Terris

Second by: Carol Young

Reports

Treasurer Report for December

Approved by: Paul McClung

Second by: Michelle Stewart

Committees

RLC – on hold

Other Business - Updates

- Eavestrough – will be looked at spring 2019
- Garbage Bin – completed by spring 2019
- Heat Coil cleaning /diving– spring 2019
- Accessibility Grant Application – Spring 2019 announcements

Adjournment

Meeting adjourned at 7:53pm.

Next meeting February 12, 2019

From: Sara Klapstein <sklapste@stfx.ca>

Date: January 2, 2019 at 3:23:36 PM AST

To: Robert McClung <paul.mcclung2@mail.com>, Sid Taylor <sid.w.tay@gmail.com>, Leslie Buckland-Nicks <l.bucklandnicks@gmail.com>, "terrisgv@gov.ns.ca" <terrisgv@gov.ns.ca>, "dave1595@seasidehighspeed.com" <dave1595@seasidehighspeed.com>

Cc: Megan Turner <mpturner@stfx.ca>

Subject: Re: Lochaber Lake - StFX Service Learning Project

Hello all!

I hope this email finds you warm and well in 2019! I wanted to thank you all on behalf of the ESCI 305 class for your time and knowledge in the fall. The students greatly enjoyed chatting with you.

The class created 8 videos that I've arranged in a semi-linear order in a playlist on youtube for your viewing pleasure! We hope you enjoy them. The playlist is open-access.

<https://www.youtube.com/playlist?list=PLh1pUr9CDLwYdSRaUCRGK3E6ulmgFaG3F>

Paul - if you could please share back with the LCDA that would be greatly appreciated. I have also attached the data the students collected. Stream flow was too low to measure in several of the tributaries.

Thank you!

Sara

Dr. Sara Klapstein
Assistant Professor
Department of Earth Sciences
PSC 2018

Sample Number	2012 LCDA Sample ID	2013 Sample ID	Sample ID	Name
1	5B	Site 1	1.1	Hall
1a			1.1L	Hall - Lake
2	33B	Site 2	LE IF Site 2	Lochaber East Inflc
			LE Site 2	Lochaber East
2.5	-	-	LE Site 2.5	Lochaber East
3	34B	Site 3	LE IF Site 3	Lochaber East Inflc
			LE Site 3	Lochaber East
4	-	-	4.1	New Site
4a			4.1L	New Site - Lake
5	3B	Site 5	5.1	North
5a			5.1L	North - Lake
6	15B	Site 6	15B	West 852
	15B		15B	West Eagle Road
8	30B	Site 8	30B	West 1384
	30B		30B	West 1384
10	-	-		West 1635
	-	-		West 1635

Description	X_UTM	Y_UTM	X_DD	Y_DD	pH
Tributary	577186	5034057	-62.01282	45.45577	7.07
Lake	577145	5034076	-62.01333	45.45595	7.32
Tributary	575369	5033282	-62.03617	45.39900	8.8
Lake	575394	5031431	-62.03670	45.43234	8.12
Lake	575438	5027708	-62.03614	45.39882	8.16
Tributary	576052	5029077	-62.02808	45.41108	7.55
Lake	575335	5029069	-62.03725	45.41108	6.9
Tributary	576965	5032782	-62.01584	45.44432	7.04
Lake	576812	5032785	-62.01779	45.44437	6.98
Tributary	577077	5034959	-62.01407	45.46390	7.34
Lake	577286	5034311	-62.01149	45.45805	7.07
Tributary	575695	5029613	-62.03256	45.41594	7.7
Lake	575686	5029411	-62.03271	45.41412	8.2
Lake	576093	5032032	-62.02710	45.43767	8.2
River	576093	5032032	-62.02710	45.43767	8.7
Lake	576769	5033085	-62.01830	45.44707	8.5
River	576769	5033085	-62.01830	45.44707	9.3

Conductivity (uS)	Temp (deg C)	Salinity (ppt)	TDS (ppm)	Total width (m)
31.2	10.5	0	22.1	3m
50	11.3	0	35	-
31	10.2	0	23.3	
59.5	10.8	0	41	
5.84	13.5	0	40.9	
46.1	11	0	31.6	
97.7	13.1	0	72.4	
33.7	10.6	0	23.8	8m
57.7	11.8	0	43.2	-
56.2	12.2	0	40.1	-
62.9	10.6	0	45.6	-
35	10.3			4.6
58	12.3			
61	12			
36	10.9			1.3
61	11.7			
61	10.9			0.98

*Only pertains to

Total cross sectional area (m2)	Average flow (m/s)	Discharge (m3/s)
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1.01	0.217811	0.21998911
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Too shallow	0.090992	Negligible
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0.098	0.15675	0.0153615
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*Only pertains to tributaries!	*Only pertains to trib	*Only pertains to tributaries!
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Phosphate (ppm)	Nitrate (ppm)	Sulfate (ppm)
0.07	0.48	6
0.01	0.04	5
0.03	0.12	5
0	0.06	5
0.02	0.01	6
0.06	0.05	6
0.03	0.05	13
0.22	0.04	7
0.09	0	5
0.05	0.05	10
0.04	0.02	6
0.01	0.04	8
0.01	0.03	9
0.04	0.02	5
0.02	0.02	6
0.03	0.06	6
0.14	0.05	6

Sample Number	X_UTM	Y_UTM	X_DD	Y_DD	
1a	1	577186	5034057	-62.01282	45.45577
		577145	5034076	-62.01333	45.45595
	2	575369	5033282	-62.03617	45.39900
	2.5	575438	5027708	-62.03614	45.39882
	3	576052	5029077	-62.02808	45.41108
4a	4	576965	5032782	-62.01584	45.44432
		576812	5032785	-62.01779	45.44437
	5	577077	5034959	-62.01407	45.46390
5a		577286	5034311	-62.01149	45.45805
	6	575695	5029613	-62.03256	45.41594
	7	575686	5029411	-62.03271	45.41412
	8	576093	5032032	-62.02710	45.43767
	10	576769	5033085	-62.01830	45.44707



