

Agenda Board Meeting

November 18, 2022 9-11am

Opening

- **Welcome and introductions** – Michael Keys (10 minutes)
- **Agenda review and approval** – Michael Keys (5 minutes) BL HK

Approval of Minutes – Tom Taylor (5 minutes) change adjourn BL HK

Approval of Financial Report – Jim Davis (5 minutes) HK BD

Appoint Mike Keys interim chair – Kessler (5 minutes) HK TT

Wakulla County comp plan amendment update: CPM22-01 – Deyle (10-15 minutes)

- Comp plan amendment for 88 units at 2 units/acre with standard septic tanks.
- WSA sent an email endorsing Chad Hansen's comments calling for denial of the permit due to the nutrient load increases. WSA also sent letters to the WMD, DEP and others recommending denial or requirement of performance-based septic tanks.
- DEP wrote a letter saying that if approved they would require actions to offset the increase. They recommended connecting to nearby sewer or use high performance tanks.
- They are now proposing a new comp plan amendment to R3 with 176 units rather than 88 with sewer at less than 1 unit/acre.
- 1100 KG loading for fertilizer. They claim a lower nitrogen impacts. They base it on agriculture/livestock but the site is wooded. The nutrient loading is based on sewer. The level of information is lacking.
- It goes to the Commission on Tuesday night.
- Do we have leverage in the BMAP that addresses density or increased development?
- WSA can commend them for switching to sewer and raise concerns about the proposal related to yard fertilizer, road runoff, etc. We could request compliance with best landscaping practices.
- NSIL focuses on fertilizer not road runoff.
- HK motion to send a letter to DEP and thank them and request additional information on what we can do in the future. BD seconded. Information is needed on the nitrogen loading and whether this includes nitrogen from fertilizer and other sources. Letter to be approved by the executive committee.
- Chad will share the the documents with Bob Deyle and the executive committee.

Lake Munson Drawdown - ??? (15 minutes)

- Anna sent an email to Bob Deyle announcing the drawdown slowly with monitoring of downstream impacts.
- The drawdown is part of a plan approved by the commission.
- Anna said that this is additional water quality monitoring in the lake and slough in 4 locations plus more downstream 50m from dam, one ½ way down and another near 8 mile pond before Ames sink. We are doing arial surveys.
- We have a plant management plan that will allow more spraying that will help.
- A drawdown kills hydrilla and dries the sediments. It is good for habitat and plant management. It will help native vegetation as the lake refills. Hydrilla will not be removed.
- How long will this take? A – In 2010 and there is still a consolated cap so it should be in effect in another 10-12 years.

- Q – Why was there a hydrilla outbreak? This is true throughout FL. This happened in the past. The apple snails eat the hydrilla allowing algae to take over, there was native vegetation and then hydrilla took over again. The apple snails have not
- Q – Was there a dieoff of apple snails? A – Yes, we are not sure of why. The alligators, limpkin and other birds played a role.
- Q – What about hydrogen Peroxide for hydrilla? A – I am not sure.
- Q – Were sediments removed? A – There were sediments removed in 2000 but not 2010.
- Q – Will you monitor loads into Ames Sink? A – We will monitor last at 8 mile pond just before Ames Sink.
- There is no flow into Ames Sink from Lake Munson for several months. The only flow now is from the drawdown. Just because water flows from the lake it does not always get to Ames Sink. It sinks in and goes into 8 mile pond.
- The drawdown started on Nov. 1. The lake is down 5 feet. It will stay down 3-5 months to be determined by FWC.

Nominating Committee Update - Lupiani (10 minutes)

- Lindsey and Bob is staying on the board. Chad Hansen would like to join. Anthony is willing to serve as treasurer but not be chair. Anthony will continue facilitating.
- Others are encouraged to volunteer for the board, president or secretary.
- The maximum # is 15. Nominations need to be sent 14 days before the January meeting.
- Brian will send out the current status.

Dues Renewal – Deyle (5 minutes)

- Everyone is encouraged to pay memberships 2 weeks before the annual meeting (January 13) so we can calculate a quorum to select board and approve the financial report.
- Anyone paying after June are consider members for 2023.
- We have 55 members and last year it was 46.
- We need to send reminder and individual emails to individuals or everyone.

Springshed and river update – (Cal Jamison 5-10 minutes)

- Spring creek in reversal
- Did submerged aquatic vegetation survey. The report is good. Grasses are coming back.
- 55.6 feet is as clear as it has been for a while. It has been more than 40 for a few weeks.
- You said flow nearly stopped during Ian. Did that happen with Nicole? A – The high flow at WS now is from the spring Creek reversal. If more is going out Spring Creek during the hurricane it won't come out Wakulla Springs.
- Q - Is there a flow calculation or is it just an interpretation of water level? A – It may be a flow meter at the bridge. Chris reported USGS uses an algorithm bases on the gage height. We did replace the flow meter but there are some issues calibrating the meter and there is no data at this time.

Cave exploration updates – Chris Werner and Andreas Hagberg (5 minutes)

- Andreas has allowed getting into Bird Sink near Lloyd because of the drought. Added 640 feet. Followed the tunnel north to Paddy Creek. It connects to Wakulla Springs as confirmed by dye testing.
- Chris reported diving has been good. Some streams are flowing a little. Going into Emerald Sink. It has been spectacular. Progress going to Chip Sink.
- More are coming this weekend. We are exploring other areas. It has been the best conditions in year.

Announcements (5-10 minutes)

- Rob Gelhardt shared photos from the gator cam showing the birds, boat and a manatee.
- Rob has a QR code that can be put in emails that will take folks to the membership page.

- Rob did a brochure for Friends of Wakulla Springs that can be used for WSA.
- Rob can help with networking with politicians and business owners as members and supporters. They can contribute money and provide support. Let's
- The cam is not the true color of the water, which is more green and the chlorfil levels are higher.
- Municipalities are invited to participate in training on water loss.
- We may need a membership committee involving Rob. WSA can do a better job at outreach.
- Rob needs help writing text for a brochure that pulls at the heart strings of businesses and politicians.
- The WSA website has our vision and mission and there is a google doc with the strategic plan.
- We can't count on some of our local officials. We need to build community support and citizen action. This can include writing letters to the editor. People voted for parties rather than issues.

Upcoming meetings and events

- We may meet on Dec 16 if there is need to address key issues.
- We may need to address comprehensive plan amendment with DEP.
- January 27 will be the annual meeting
- Would people be interested in meeting at Wakulla Springs for a social gathering.
- Nominations will be dealt with by email.
- Water observation team meets at 9:00 on Thursdays. Let Cal know to confirm day. We could add a river tour.
- Dues and nominations are due January 13

Nominating Committee – Board Members and Officers for October meeting

Next Meeting

Adjourn BL HK

Appendix A
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Adjourn

Join Zoom Meeting

<https://fsu.zoom.us/j/97207430086>

Meeting ID: 972 0743 0086

One tap mobile

+16465588656,,97207430086# US (New York)

+13017158592,,97207430086# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

Appendix B
11-18-22 WAKULLA SPRINGS Board Meeting Participants

* Indicates those present

Officers

Howard Kessler, Chair
Robert E. Deyle, Vice-Chair *
Tom Taylor, Secretary *
Jim Davis, Treasurer

Directors

Gail Fishman *
Rob Gelhardt *
Albert Gregory
Andreas Hagberg *
Cal Jamison *
Robert Williams
Mike Keys *
Debbie Lightsey
Brian Luipani *
Lindsay Stevens *

Members and Guests

Sue Damon *
Marcy Frick
Anthony Gaudio
Chad Hanson *
Mark Heidecker *
Chuck Hess *
Anna Padilla *
Johnny Richards *
Paul Thurman *
Sophie Wacongne-Spear *
Edgar Wade
Chris WernerSusan Poplin

WAKULLA SPRINGS ALLIANCE
FINANCIAL REPORT
FOR THE 10 MONTHS ENDED OCTOBER 31, 2022

INCOME

Donations	\$	
Memberships		4,855.00
		<hr/> 4,855.00

EXPENSES

Awards	118.20
Florida Corporate Annual Report	61.25
Big Bend Environmental Forum	100.00
PayPal Fees	195.70
Earl Bacon Agency - Insurance	1,097.00
	<hr/> 1,572.15

SURPLUS/(DEFICIT)	3,282.85
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BANK BALANCE - 12/31/2021	5,412.79
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PAYPAL BALANCE - 12/31/2021	454.17
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TOTAL - 12/31/2021	<hr/> 5,866.96
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BANK BALANCE - 10/31/2022	9,149.81
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PAYPAL BALANCE-10/31/2022	
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TOTAL 10/31/2022	<hr/> <hr/> \$ 9,149.81
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