



IRL COUNCIL STEM ADVISORY COMMITTEE

Minutes from the meeting of February 5, 2019

9:00 AM

Up the Creek Farms, 3950 Valkaria Road, Grant-Vakaria, FL

Attendance: Anne Birch, Leesa Souto, Sara Davis, Bob Day, Megan Stolen, Warren Falls (for Edie Widder), Chris Farrell, John Trefry (for Kevin Johnson), Leroy Creswell, Valerie Paul, Jessy Wayles (for Chad Truxall), Chris De Bodisco, Dave Cox, Chuck Jacoby, Patti Gorman, Rich Papero, Lisa Krinsky, George Jones.

Agenda Item 1. Call to Order and Pledge of Allegiance

Chuck Jacoby led the those present in the Pledge of Allegiance.

Agenda Item 2. Introductions and Updates

Members and those present introduced themselves.

Agenda Item 3. Agenda Revision

Staff Request to add Item 6e under New Business – Update on SR 528 Causeway study; and Item 9d under Director’s Report for update on Army Corps of Engineers public hearing on Lake Okeechobee regulation schedule.

Agenda Item 4. Minutes Approval

A MOTION WAS MADE BY BOB DAY, SECONDED BY DAVE COX, TO APPROVE THE MINUTES OF THE JULY 10, 2018 MEETING. MOTION CARRIED UNANIMOUSLY.

A MOTION WAS MADE BY BOB DAY, SECONDED BY DAVE OX, TO APPROVE THE MINUTES OF THE SEPTEMBER 11, 2018 MEETING. MOTION CARRIED UNANIMOUSLY.

Agenda Item 5: Old Business

- a. CCMP Revision Status and Review of Vital Sign Health Concern Levels (Duane De Freese)
Duane De Freese gave an update on the CCMP revision and it's current status awaiting certification by the US EPA. He reviewed several of the draft action plan rankings and led discussion of whether there was a need to elevate several of the action plans to a higher status. Discussion followed. Duane handed out the ranking results and requested that members consider which, if any, of the action plans should be recategorized. Staff will analyze all requested recategorizations with a view toward what the general consensus might be. If warranted, those action plans will be selected for recategorization. Kathy collected paperwork.

Agenda Item 6. New Business

- a. Chair/Co-chair election
Requested action: Election of Chair and Co-chair for Calendar Year 2019 meetings.
Bob Day nominated Chuck Jacoby to continue to serve as chair. There were no other nominations.
A MOTION WAS MADE BY BOB DAY, SECONDED BY LEROY CRESWELL, TO ELECT DR. CHUCK JACOBY TO ANOTHER TERM AS CHAIR OF THE STEM ADVISORY COMMITTEE. MOTION CARRIED UNANIMOUSLY.

Bob Day nominated Chad Truxall to continue to serve as Co-chair of the STEM. There were no other nominations.
A MOTION WAS MADE BY BOB DAY, SECONDED BY DAVE COX, TO ELECT CHAD TRUXALL TO ANOTHER TERM AS CO-CHAIR OF THE STEM ADVISORY COMMITTEE. MOTION CARRIED UNANIMOUSLY.
- b. Biosolids and Reclaimed Water Resolution
Requested Action: Review draft resolution and make recommendation to the IRL Council Board of Directors.
Duane De Freese reviewed the draft resolution and requested input from those present regarding its content. Discussion revolved around what alternatives exist for spreading of biosolids; costs for spreading vs. significantly higher costs for removal once biosolids enter water; discussion of particular clauses in resolution; what is not known about health risks and other factors in spreading biosolids; lack of good data on nutrients made available by spreading; feasibility of tying water quality to rates of application and locations of biosolids use.

Duane will incorporate specific recommendations into a revised draft that goes to IRL Council Board of Directors for their review.

c. RFP Status Update and Proposal Review

Requested Action: Staff seeking STEM members willing to volunteer service in proposal review and ranking.

Kathy Hill reviewed the status and current timeline for RFP delivery. She requested assistance from members in proposal review and ranking. No action was taken.

d. STEM Membership

Requested Action: Recommendation to IRL Council Board of Directors regarding STEM vacancies and replacements.

Duane De Freese reviewed staff's plan to fill vacancies and make replacements of no-active members. Input was requested to help refine the process. No other action was taken.

e. (Added) Update on SR 528 Causeway Study and draft resolution.

Requested Action: Recommendation to IRL Council Board of Directors on draft resolution to request that FDOT elevate the SR 520 and SR 528 Causeways as result of modeling efforts funded by Port and IRLNEP that show improved flushing benefits to Banana River. Duane De Freese reviewed the draft resolution and reasoning for it with those present and requested feedback and further input. Discussion revolved around FDOT's reticence, model outcomes and the potential ecological benefits of elevating the causeways near Port Canaveral and Banana River.

A MOTION WAS MADE BY BOB DAY, SECONDED BY PATTI GORMAN, TO ENDORSE THE RESOLUTION AND RECOMMEND THE IRL COUNCIL BOARD OF DIRECTORS ISSUE THE RESOLUTION. MOTION CARRIED UNANIMOUSLY.

Agenda Item 7. Presentation:

Harmful Algal Blooms – IRL Status and What We Know (Chuck Jacoby, SJRWMD)

Chuck Jacoby gave a presentation that reviewed the current state of knowledge of the HAB events from 2011. Discussion revolved around next steps, publishing findings, and continuation of the Algal Bloom Consortium. No action was taken.

Agenda Item 8. STEM Discussion – Topics, Panels, Speakers for future meetings

Chuck Jacoby requested discussion and suggestions for several science panels that could be held during subsequent meetings. Suggestions were:

- Human Health, interactions with HABs (Patti Gorman)

- Story of mercury contamination (Chuck Jacoby)
- What science can do to help inform management actions (Chris Farrell, Valerie Paul)
- Coastal Acidification (John Windsor, Leroy Creswell)
- Past grantees to present findings (Lisa Krinsky)
- HABs, other contaminants (Patti Gorman)
- PFOS and PFOA – Brevard County staff (Megan Stolen)
- Effects of mercury contamination (Megan Stolen)
- Algal Blooms and nutrient cycling (John Trefry)
- Muck Flux (Duane De Freese)

Agenda Item 9. IRLNEP Executive Director and Staff Reports

- a. IRL Council FY 2019-2020 Tentative Budget
- b. Vacant COO Position
- c. Legislative Update
- d. Lake Okeechobee regulation schedule (added)

Agenda Item 10. Final Comments (Committee, Public, Staff)

None.

Agenda Item 11. Adjourn

Meeting adjourned.