

To: Nate Celauro

From: John Mickelson

Date: August 8, 2019

Subj: Lakes Committee meeting of August 8, 2019.

Nate, as the chair of the Infrastructure committee, please accept the following minutes of the Lakes Committee meeting held August 8, 2019.

Minutes

Present: Chair John Mickelson, IGE Superintendent Mark Thieme, Zach's Lake representative Jerry Lowe, Bismark Lake representative Ryan Wiehrdt.

Absent: Director Gail Schwartz and the Empress Lake Representative which is still a vacant position.

- The committee reviewed the written guidelines of the Lakes Committee. Areas of jurisdiction were discussed and understood. There were no dissenting opinions regarding the duties assigned to the committee.
- The committee discussed the need for a representative from Empress Lake. An article will be placed in the next IGE Newsletter asking for a volunteer.
- The committee discussed the issue of Zoysia grass being planted around Zach's Lake in an attempt to control erosion. The Board had previously directed that Zoysia grass be planted around the lake and directed Superintendent Thieme to make it happen. After the project was approximately 2/3 completed, some lake residents objected to the planting. The committee discuss the situation and made the following observations and recommendations. **It should be noted this final consensus was unanimous.**
 - The Lake residents should have been notified in detail of the project prior to it taking place. Notification to the lake residents could have been via email or the newsletter. Notification should have probably gone to all IGE residents via email blast or the newsletter informing them of Board actions intended to improve the community.
 - The planting of Zoysia is not without risk. There is concern the two types of grasses being mixed will not work as planned and that it will be less visibly appealing than just one type of grass.
 - With funds already spent on the project, the committee recommends the project be continued as planned, but closely monitored to ensure the project achieves the intended results.
 - Lake residents should be informed that if the project does not produce the desired results, there are remedies. Nothing that was done cannot be undone, although there will be additional costs involved if alterations or removal is required. The

committee will continue to monitor the situation with on-going reviews of the project.

- The committee discussed the need for aeration in all lakes. The members were provided with a briefing on aeration by Superintendent Thieme. The committee reviewed the materials and is making the following recommendations.
 - All Lakes have aeration devices installed in them in sequence.
 - The process should be sequential, starting with Zach's Lake, then Empress, and lastly Bismark. This is based on many factors, including but not limited to, lake depth, lake bottoms, lake water quality, lake water flow through, (which lakes have better water movement through them), and costs.
 - The Board is being asked to fund the aeration project for Zach's lake. Zach's Lake will be monitored for approximately 6 to 8 months for aeration impact. All residents are to be notified of the project with specifics provided, including the placement of electrical power box, manifolds, and placement of the installed aerators.
 - After the Zach's Lake aeration project is completed, and then after approximately 6 months of evaluation, the lakes committee will revisit the issue for possible expansion to other lakes in the sequence previously outlined.
 - Superintendent Thieme will provide the Infrastructure Chair the written costs estimates for presentation to the Board and discussion of the recommendations. The presentation will include all costs estimates for Zach's Lake and Empress Lake to inform the Board of the extent of the funds that are being requested.

Jerry Lowe visited the Meditera community to observe their active aeration system. He found the compressor boxes along Costelano Drive in the community. He also observed entire yards where Zoysia grass was planted along side St. Augustine grass. He is encouraging all Lake's Committee members to go observe the grass and aeration in Meditera. His specific request was to listen to the compressors to experience the noise levels from the units.

Respectfully submitted on behalf of the Lakes Committee.

John Mickelson, Chair.