



# Cordry-Sweetwater Conservancy District

8377 CORDRY DRIVE NINEVEH, IN 46164  
PHONE: 317-933-2893 FAX: 317-933-3628

## Board of Directors Meeting Agenda August 20<sup>th</sup>, 2024, 7:00 PM @ CSLOA Also available online live at [www.cscd-in.org](http://www.cscd-in.org)

1. Welcome & Pledge of Allegiance
2. Agenda Modifications
3. Approval of Minutes:
  - a. July 16<sup>th</sup> Special Session Minutes
  - b. July 16<sup>th</sup> Board Meeting Minutes
  - c. August 5<sup>th</sup> Special Session Minutes
4. Freeholder Concerns: (Please limit time to three minutes)
5. Staff Reports:
  - a. Director of Finance & Administration: Brittany Bay
    - i. Approval of Financial Reports
    - ii. Approval of Claims
  - b. Director of Operations & BCO: Nick Johann's Report
6. Commission/Committee Reports:
  - a. Building- Pat Sherman
    - i. Building Applications
    - ii. Dredging Requests
    - iii. Structure on Unbuildable lot
  - b. Ecology- Randy Brumfield
  - c. Roads -Mark Rasdall
  - d. Security -Jim Maulden
    - i. Approving CSLOA rep Carrie Vavul to the commission
  - e. Water- Aaron Parris
7. Old Business
  - a. Wake Study Approval
  - b. Boat Measuring Procedure
8. New Business
  - a. Cordry Spillway Bids
  - b. Complaint- Running a Business within the District
  - c. Election Issues
9. Board Member Concerns/Comments
10. Adjourn



# Cordry-Sweetwater Conservancy District

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## CSCD Special Session “Minutes” July 16<sup>th</sup>, 2024 – 6:00 PM

**Board Members Present:** Michael Leavitt, Aaron Parris, Ted Adolay, Pat Sherman, Mark Rasdall, Randy Brumfield & Jim Maulden

**Board Members Absent:**

**Staff Present:** Brittany Bay & Nick Johann

**Freeholders/Guests:** Estimated 15 & numerous online viewers

Mr. Leavitt called the meeting to order at 6:11pm.

The preliminary budget for 2025 was discussed.

There was discussion over dam funding.

There was discussion over water versus the general portion of salaries and expenses.

**MOTION: Mr. Rasdall moved to adjourn, seconded by Mr. Adolay, motion carried unanimously.**

The meeting adjourned at 6:53pm.

Respectfully submitted,

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Ted Adolay, Secretary

Date Submitted:

**Cordry-Sweetwater Conservancy District**  
**Board of Directors Meeting**  
July 16<sup>th</sup>, 2024

**“DRAFT MINUTES UNTIL APPROVED”**

1. **Board Members Present:** Randy Brumfield, Pat Sherman, Aaron Parris, Ted Adolay, Jim Maulden, Mark Rasdall, and Mike Leavitt
2. **Board Members Absent:** None
3. **Also, Present:**
  - a. **Staff:** Brittany Bay & Nick Johann
  - b. **CSCD Attorney:** Roger Young
  - c. Estimated 34 freeholders in attendance & numerous online viewers.
4. **Welcome:** Mr. Leavitt called the meeting to order at 7:05 PM
5. **Agenda Modifications:**
  - a. Mrs. Bay requested to add line items 4a. Approve Cordry Spillway Project, 4b. Consider Additional Appropriations Resolution & Establish Hearing Date, 4c. Establish Date for Hearing on Drawings, Specifications, & Cost Estimates, 4d. Authorize filing of Bond Application w/Indiana Bond Bank and 5. Dr. Sweeten’s Presentation.

**MOTION: Mr. Sherman motioned to approve the agenda modifications as requested, seconded by Mr. Rasdall. Motion passed unanimously.**

6. **Approval of Minutes:**

**MOTION: Mr. Brumfield motioned to approve June 18<sup>th</sup>, Board Minutes as submitted, seconded by Mr. Adolay. Motion passed unanimously.**

7. **Bond Issuance**

- a. Mr. Leavitt gave the floor to Brian Colton with Baker Tilly to discuss the Bond Issuance. Mr. Young noted Brian Colton’s presentation is extremely important, but he first wanted to give freeholders a picture of what the Conservancy is doing and put it into context. Mr. Young noted the District is anticipating the Cordry Spillway Project, and the cost is currently unknown because we have not received construction bids but they need to size the bond issuance large enough to take into account if bids come in higher than expected. Mr. Young noted that the working group, which included: Mr. Sherman, bond counsel, Baker Tilly, and himself, have recommended a bond ordinance authorizing bonds not to exceed \$3.2 million. Mr. Young noted that is the amount not to exceed not the issuance amount. Mr. Young noted he believed the Board wanted to start the project

in autumn, so the project will go out to bid in the next few weeks, and the bid opening is scheduled. Mr. Young noted that if this is fast tracked the soonest the District will have the cash is around September 11<sup>th</sup>. Mr. Young noted that Mr. Colton will give information on if the bonds are sold in that amount what that is going to do taxes, tax rate impact, and how long it will take to pay back. Mr. Young noted that there would be one special meeting, and that meeting is anticipated to occur on August 5<sup>th</sup>, and that is something the Board will be setting tonight. Mr. Young noted the official public comment will come for this at the August 5<sup>th</sup> meeting. Mr. Young noted that if the Board approves the bond issue there will be a notice of determination to issue bonds published, then there will be no further public hearings. Mr. Young noted one thing happening tonight is the project is being reintroduced, the Board will be approving the project, Mr. Young reiterated the Board will not be approving anything tonight just approving moving forward with the next step. Mr. Young noted that the Board will be asked to authorize publication if the notice of additional appropriation for the bond proceeds. Mr. Young noted that the bond proceeds are not in the 2024 budget and the district cannot spend money until it's been appropriated. Mr. Young noted that the additional appropriation hearing is going to appropriate bond proceeds to the project, so they can be spent on the project.

- b.** Brian Colton from Baker Tilly passed out an information packet to the Board and noted that what they are showing is the maximum parameters. Mr. Colton noted that when setting a bond resolution, you are setting the financial parameters, and you must set the max because you can always come down from that, but once you go through and approve it, if that number goes up, you have to start the process over again. Mr. Colton noted that they always build in contingencies in case bids come in higher than anticipated. Mr. Colton went over the first page of the packet which reviewed project cost and funding. Mr. Colton reviewed that the \$3.2 million amount included \$2.75 million for the project, a 10% contingency piece, and allowance for an issuance cost. Mr. Colton reviewed the second page of the packet given to the Board and noted that it showed an illustrative amortization for the debt payment, based on a 5% interest rate. Mr. Colton noted at 5% this would be about \$270,000 a year in debt service and that would go out until January of 2044, almost a 20-year bond issuance. Mr. Colton noted that the payments would be level and interest would be at a fixed rate so there would be no variable rate concerns. Mr. Colton noted that the last schedule showed the repayment source. Mr. Colton noted that this is a property tax bond issue, so it will be levied in freeholder property assessed valuation and that is about a 4 ½ cents tax rate and gave an example of a property valued at \$100,000 being a \$45 payment. Mr. Colton noted that this schedule also showed if you opted for collecting the payment via equal assessment instead of through property tax and that would be about \$168 per freehold per year. Mr. Colton noted that the pledge is property taxes but during the budget process the Board has the decision on an annual basis if they want to supplement that with other revenue sources and bring down the property tax amount. Mr. Colton went over a couple methods for the sale, one being local banks, and the other

being the Indiana Bond Bank. Mr. Colton noted that they have a community finance program and that is about a 4% rate and noted that is probably better than what they could get with a local bank, but they have some additional costs. Mr. Colton noted one thing they are asking the Board to approve tonight is to file an application with the bond bank. Mr. Colton noted that there is a deadline of July 24<sup>th</sup> for filing to get the money by early September. Mr. Colton noted that this application did not mean they would be going with the bond bank, but it would put them in a queue if that was what is decided. There was discussion over this bond being a 10-year call.

- c. Mr. Young noted that at the beginning of discussion with this project there were discussions about doing the bond issue for both Cordry and Sweetwater in one bond issue and issue two series of bonds, which would have saved on administrative costs. Mr. Young explained that would mean approving both series in once proceeding but only issuing series a right now for the Cordry project and not issuing series b until you were ready to go on the Sweetwater project, since they were already approved through the initial process. Mr. Young noted however, there is a threshold for governmental entities on the amount of money they are trying to raise and if they hit that amount then the district would be taking on a controlled project. Mr. Young noted that if this were considered a controlled project it would require petitions, remonstrance, and set the timeline back. Mr. Young noted that the working group felt it was important to the Board that this project starts right away, so the project can wrap up over the winter months and the road can open back up by spring. Mr. Rasdall noted that they do not know what Sweetwater is going to cost either. There was discussion that with the estimated costs for the Cordry project and the information Mr. Johann has received about Sweetwater it would put the project over the threshold and it would be considered a controlled project. Mr. Young noted that he wanted to explain this because there was talk of doing them both at once and this is why it is not recommended this way.

**MOTION: Mr. Sherman motioned to approve authorizing Baker Tilly to file an application with Indiana Bond Bank on behalf of Cordry Sweetwater, seconded by Mr. Rasdall. Motion passed unanimously.**

**MOTION: Mr. Sherman motioned to approve moving forward with the Cordry Spillway Project as recommended and designed by Christopher Burke Engineering, seconded by Mr. Parris. Motion passed unanimously.**

**MOTION: Mr. Sherman motioned to approve holding the public hearing of the Resolution to appropriate the bond proceeds to the project on August 5<sup>th</sup> at 6pm at the CSLOA, seconded by Mr. Brumfield. Motion passed unanimously.**

**MOTION: Mr. Sherman motioned to approve holding the public hearing on drawing specifications and cost estimates on August**

**5<sup>th</sup> at 6pm at the CSLOA, seconded by Mr. Rasdall. Motion passed unanimously.**

- d. Mr. Sherman thanked Brian from Baker Tilly, Lisa Lee, and Roger Young because this is a big deal, but they worked with the challenging timeframe and got everything done correctly.

## **8. Wake Study Approval**

- a. Mr. Brumfield noted that there had been questions about the proposed study, so he invited Dr. Sweeten and his team here to speak on behalf of the proposed study. Mr. Brumfield introduced Dr. Sweeten and gave him the floor.
  - i. Mr. Sweeten started by mentioning the budget attached to the proposal is for the entire study, not just this year. Mr. Sweeten introduced his colleague Herb Manifold who would be working with him on this study. Mr. Sweeten noted the study they are conducting would see if there is a difference between the size of waves produced from wake boats and ski boats, how long does it take for those waves to dissipate, and what effect do those waves have on the shoreline. Mr. Manifold noted to answer these questions the study will focus on a wave study design, they would place wave buoys, which have a sensor inside to measure the waves, in a couple of locations on the lake, they have read literature on this topic and this study is similar to the ones conducted in that literature. Mr. Manifold noted to do the shoreline assessment they would do lidar and photogrammetry of both lakes' entire boundaries twice once this fall and once in two years to compare the shoreline erosion. Mr. Manifold noted that lastly to look at individual boat waves they would test the boats using a cv wave sensor and pressure transducer that would give information on the wave heights, wave periods/peaks, wave direction, and wave energy/force. Mr. Manifold noted they would conduct a controlled experiment where there would be sites to do a test with 4 boats, 2 wake boats and 2 ski boats and they will do passes of the boats perpendicular to the sensors so the wave will come across and it will calculate to the millisecond wave speed, height, and how long it takes the wave to attenuate. Mr. Sweeten noted that they would like to leave the wave sensor out at a designated location as long as they can so they can get data on natural wave and boat energy to compare to the controlled experiment. Mr. Sweeten noted that for the controlled test the boats would be driven at 10 mph to get the biggest wave, and then at 30 mph for normal waves on a plane but these could be adjusted to what the board specifies, as long as it is consistent. Mr. Sweeten noted for the shoreline study that Mr. Manifold will use a survey grade gps and locate stakes at 20 feet apart from the shore and then 50 feet out to wherever the erosion may be. Mr. Sweeten noted that they may need some assistance from the Board on where their major concerns for erosion are, but they

will pick up some of that when they fly the drone around. Mr. Sweeten noted that this was a simple, straightforward experimental design for the study they feel comfortable with it, it's defensible, and will generate data. Mr. Sweeten opened comment to the Board for any questions.

- ii. Mr. Maulden asked about the costs associated with the different tasks. Mr. Sweeten noted that the budget that was included was from the original proposal that is not the one for the design page. Mr. Maulden noted that the boat weight was raised to 4,000 pounds so it may not just be wake boat versus a ski boat but a 4,000-pound boat versus a 3,000-pound boat; so, size could be a concern. Mr. Sweeten noted that the Board could choose which boats need addressed in the controlled test.
- iii. Mr. Parris asked if this controlled test would be conducted with freeholder boats and if so, are the boats being operated by the freeholders or by them. Mr. Manifold noted that it would be conducted with freeholder boats and the freeholder would be operating the boat, but they would be in the boats making sure that everything is consistent.
- iv. Mr. Rasdall noted that they would be taking the initial readings of the ski boat and the wake boat during the controlled test and then the buoy sensor would go out for a period of time. Mr. Rasdall asked how they would be able to know which boat generated the wave. Mr. Sweeten noted that it won't be able to tell that. Mr. Rasdall then noted on a Saturday when multiple boats are running by the sensor, all the sensor is going to tell is that there are waves that are at a certain height. Mr. Manifold noted that it has no way to tell what boat, it has no way to tell what is doing it, it will just pick up all the wave attributes. Mr. Sweeten noted the controlled experiment will show the wave information for the boats chosen.
- v. Mr. Sherman noted his initial question is if there is not a camera on the buoy how they will know which boats are creating which waves. Mr. Sweeten noted that they won't know when the sensor is out by itself, but what they're after here is the wave energy of all sources of the waves the district is dealing with on the shoreline. Mr. Sweeten noted that even if it were taking a picture of the boat, there would be so much unknown about the boat such as speed, mass inside the boat, and if it is going perpendicular to the sensor, it would be very far away from the experimental design and it would be difficult to draw conclusions from. Mr. Sherman noted that there is now a specific wake surfing course and asked would they be able to out the sensors somewhere on the course so they would know the dissipation of the waves of the wake boats by the time they hit the shore. Mr. Sweeten noted that in some of the other studies the data has helped to determine how big of an area a wake boat needs and how far from the shoreline it should be before the wave attenuated.
- vi. Mr. Rasdall noted that on a busy day there are multiple boats with waves going against each other or building on each other.

Mr. Rasdall asked how do you know which boat is causing them. Mr. Sweeten noted that they would capture that on the wave sensor, so on a busy day they would know that it was busy but there is no way to standardize that. Mr. Sweeten noted that it would be impossible to standardize that to be the parameters. Mr. Sweeten noted what they could do is understand the full wave energy that the shoreline is taking on. Mr. Sweeten noted that if a Saturday was heavier, they would see that on the data. Mr. Rasdall asked about reducing the weight of a boat from 4,000 to 3,200 if that would be a major impact on wave energy. Mr. Manifold noted that is something that they can do in the actual experimental design the Board can help select the boats they are most concerned with. Mr. Rasdall asked about the number of passengers because some boats hold 12 people. Mr. Rasdall noted that is a huge impact on a boat that has 3 people in it opposed to one that has 10 people in it.

- vii. Mr. Maulden asked what can actually be done with the data if you don't know what boat is making the waves other than realizing the lakes are busy on Saturdays. Mr. Sweeten noted that you will get an idea about the amount of wave energy that is relative to where there might be erosion problems. Mr. Sweeten noted that they won't know what the full wave effect is here, but they will know that from the controlled experiment.
- viii. Mr. Brumfield noted that they were going to do some testing on phosphorus and asked Mr. Sweeten to explain some of the effects of suspended phosphorus. Mr. Sweeten noted that phosphorus is a challenge for every lake, a tiny amount is chronic, he noted that one pound of phosphorus can grow 500 pounds of algae. Mr. Sweeten explained that is why being proactive with lakes is much easier to do than to try to restore them. Mr. Sweeten noted this is something that is normally flying under the radar, because people don't think about it until they see green water.

## **9. Freeholder Concerns:**

- a. Jennifer Roll (DF 52A) noted she had been a member of the lake community since 1977 and that over the last 10 years it seems to be a free for all of boats speeding into the idle zone. Mrs. Roll asked the Board to please do something about this. Mrs. Roll noted she knows that people are really frustrated that security is giving more tickets because for the last 10 years they have been able to do what they want. Mr. Maulden noted that they have talked about that at security, and this is one of the issues that boat patrol is looking for this year and they have given tickets for this, but they can't catch everyone.
- b. Alison Randolph noted she is the CSLOA President, and she wanted to publicly thank the Board, the freeholders, the sponsors, and everybody that came to the July 6<sup>th</sup> event at the beach. Mrs. Randolph noted that they have their meeting the 25<sup>th</sup> but wanted freeholders to know how supportive the Board, Nick, Brittany, Rebecca, Mike Leavitt and his team were, and to thank them. Mrs. Randolph mentioned Aaron with Sweetwater Realty and a lot of their other sponsors really helped them out. Mrs. Randolph noted she just wanted to thank everyone and mention that it was an amazing event. Mrs. Randolph noted that the CSLOA wanted to mark the date of July 5, 2025 for the event next year. Mrs. Randolph noted they had



quite a few volunteers and she wanted to thank them publicly as well. Mrs. Randolph concluded by thanking everyone especially the Fire Department.

- c. Carrie Vavul (OES 333) asked where they were with redrawing maps or doing a spreadsheet for the district areas and election guidelines. Mr. Maulden asked for this to be added to the agenda. Mrs. Bay noted the map and spreadsheet is completed and it has been sent to the Board. Mr. Leavitt noted to put this on the agenda for approval next month and then they could reach out to the county GIS person and have it added there. Mr. Young noted this may require court approval if any lots are shifting areas. Mr. Young noted that if adopting something that is going to change anything from the way its been done in the past in terms of voter eligibility or candidate eligibility it needs court approval. Mr. Young noted that it would require Board resolution and then he would have to petition the court to have the new map approved. Mr. Young noted he believed he could get a court order to approve this prior to publication of the election notice. Mr. Young requested Mrs. Bay send over the list and other documents so that he could prepare a resolution, and then the Board could adopt this on August 5<sup>th</sup>. Mr. Maulden noted that there were other election issues. Mr. Leavitt noted that could be added to next month's agenda.
- d. Marcia Harper noted that she did not have a question about the study until Dr. Sweeten discussed the days of general traffic, would the study show the distance of the buoys that we have at 50 feet are an appropriate distance or like at other lakes are 100 or 200 feet. Mr. Leavitt noted that in terms of the buoy you have reporting wave action it would tell you. Mr. Leavitt noted that it will tell how busy it is at 50 feet or if its more appropriate at 100 feet.

## 10. Management Reports:

### a. Director of Finance & Administrative:

- 1. Mrs. Bay summarized the fund report. The current balance is \$4,217,646.43.

**MOTION: Mr. Sherman motioned to approve the financial report subject to audit, seconded by Mr. Rasdall. Motion passed unanimously.**

- 2. Mrs. Bay summarized the appropriation report and monthly claims list. The monthly claims total is \$349,332.93. The unexpended remaining balance for 2024 is \$1,303,489.36 or 62.53%.

**MOTION: Mr. Rasdall motioned to approve the monthly claims subject to audit; seconded by Mr. Sherman. Motion passed unanimously.**

### b. Director of Operations

- 1. Mr. Johann summarized his report.

## 11. Commission Reports:

### a. Building:

- 1. Mr. Sherman reviewed the building applications.

**MOTION: Mr. Sherman motioned to approve building applications 24-052 and 24-053 for approval from the CSCD Board contingent upon lot owners obtaining all permits required**

by Brown County and meeting all conditions by the Building Commission, seconded by Mr. Parris. Motion passed unanimously.

2. Mr. Sherman reviewed the dredging requests.

**MOTION: Mr. Sherman motioned to approve dredging request D024-007, D024-008, and D024-009 for approval from the CSCD Board contingent upon lot owners meeting all conditions by the Building Commission, seconded by Mr. Rasdall. Motion passed unanimously.**

**b. Ecology:**

1. Mr. Brumfield summarized the ecology minutes.

- i. Mr. Brumfield discussed the issues with the pickleball/basketball court hours and suggested have set hours and signage for the pickleball/basketball court.

**MOTION: Mr. Rasdall motioned to approve Pickleball hours be on Monday/Wednesday/Friday/Saturday: 8am-12pm and Wednesday/Sunday: 6pm-9pm and basketball has priority during non-pickleball hours.**

**Discussion: There was discussion over other activities and the Board was in agreement there are no assigned hours for other activities; other activities are permissible as long as basketball players or pickle ball players are not already utilizing the facility.**

**Seconded by Mr. Maulden. Motion passed unanimously.**

- ii. Mr. Brumfield noted that with the help of Katie Starr the CSCD was approved for the America the Beautiful Grant.

**c. Roads:**

1. Mr. Rasdall summarized the roads minutes.

**d. Security:**

1. Mr. Maulden summarized the security minutes.

- i. Mr. Maulden discussed purchasing body cameras and cell phones for boat patrol to utilize.
- ii. Mr. Maulden discussed towing freeholders' watercraft. Mr. Young noted that when towing a freeholder boat, it would be a good idea if you're going to allow boat patrol to tow freeholders boats to have the boat owner sign a release prior to having them tow the boat. There was discussion on whether it would matter if the owner was not the one operating the boat. Mr. Young noted that

he believed if the owner authorizes the person to operate the boat that's authorizing the operation of the boat and doing those things that are necessary to operate, including getting it back to shore. Mr. Leavitt asked that Mr. Young prepare a release form.

- iii. Mr. Maulden noted security discussed changing the verbiage on the patrol boats from CSCD Lake Safety to CSCD Lake Patrol. There was discussion of not knowing when the change to lake safety occurred. The Board was in agreement that the boats have CSCD Lake Patrol on them.
- iv. Mr. Maulden noted at the meeting Cathie Brown asked if since she is Boat Patrol if she is on her dock and sees a violation can, she write them a ticket when she is off duty? Mr. Maulden noted that the security commission unanimously decided yes, she could write a ticket. Mr. Maulden noted that if a freeholder sends us a picture that verifies the time date and infraction, we can write a ticket. Mr. Maulden asked if the Board had a problem with this. Mr. Maulden noted that they're just trying to make the lakes safe and hoping that everybody is feeling safer this year.
  - i. Mr. Young noted that law enforcement is considered on duty 24/7, they may not be on shift, but they are on duty. Mr. Young noted he did not know the protocols for boat patrol, but they may want to consider writing into the boat patrol rules that boat patrol is considered to be on duty 24/7 and shift hours may be assigned from time to time but they're on duty. Mr. Young noted that meant they have the jurisdiction to give a citation any time they observe an infraction.
  - ii. Mr. Maulden asked if we are withing our rights, if a freeholder sends us a picture of an infraction to send that to boat patrol and have them give out a citation. Mr. Young noted that its going to be up to the discretion of the boat patrol person writing the ticket and if they have enough evidence.

**MOTION: Mr. Rasdall motioned to approve that lake patrols are on duty 24/7 even if they are not on shift and have the ability to issue a citation to someone who is breaking the rules, at their**

**discretion, seconded by Mr. Brumfield. Motion passed unanimously.**

- iii. Mr. Young noted that he is hearing that the lakes are getting busy, and you may have to ask someone to leave. Mr. Young asked if there is a resolution that gives someone the authority to act on behalf of the board to trespass people off the lake. Mr. Rasdall suggested putting this on the agenda for the August 5<sup>th</sup> meeting and Mr. Young could write a Resolution authorizing Nick, Brittany and each board member to be able to do this.

**e. Water:**

1. Mr. Parris summarized the water minutes.
  - i. Mr. Parris noted there was an issue with freeholder's water turn on.

**12. Old Business:**

**a. Public Hearing on Additional Appropriations**

1. The Public Hearing resumed at 9:10pm.
2. Mr. Sherman asked what the Board's thoughts are on how were going to pay for this. Mr. Sherman discussed the equal assessment as this is from the lakes. Mr. Sherman asked if since this is strictly a lakes issue should be put on the decals and spread over two years? Mr. Sherman noted that they could borrow from the rainy-day fund and pay it back, but the study is going to take more than one year. Mr. Sherman noted that as they move forward with budgets the Board needs to determine how money is going to be raised and who is going to be responsible in the district to pay that. Mr. Sherman noted the other issue is are we getting the information needed from the study and noted his concern is that if we can't determine which boats are making the waves on a regular basis he doesn't know what good that is going to do for them, unless there is some other benefit they can get from the study like make the District eligible for some grants. Mr. Leavitt noted the portion of the study regarding the shorelines and the phosphorus could potentially make the District eligible for Lake/River enhancement types of grants. There was discussion of the cost of the study for the first year.
3. Mr. Adolay noted that the survey that Mr. Parris conducted and what this gentleman is doing for \$61,000 is the same thing. Mr. Adolay noted that this is supposed to decide whether the wake boats cause a problem and he can't tell us if wake boats are causing the problem. Mr. Pariss noted that there a lot of parts of this study that are very from what he and Scott put together and their insights to be gleaned from this study. Mr. Parris noted that the challenge for him is the study of the waves during the day that compounds on itself, to solve that you would limit the number of boats on the lake during

the day, you can't do that. Mr. Rasdall noted it does not further define what boat did it. Mr. Parris noted this study in his opinion solves a handful of problems. Mr. Rasdall noted that they are not approving the study tonight just the money for it, in case they want to do portions of the study.

4. Mr. Leavitt closed the Public Hearing of Additional Appropriations at 9:26pm.

**MOTION: Mr. Rasdall motioned to approve Resolution 2024-11 Additional Appropriations, seconded by Mr. Brumfield. Roll Call:**

**Pat Sherman: Aye**  
**Mark Rasdall: Aye**  
**Jim Maulden: Aye**  
**Ted Adolay: Nay**  
**Randy Brumfield: Aye**  
**Aaron Parris: Nay**  
**Mike Leavitt: Aye**

**Motion passed 5-2.**

### **13. New Business:**

#### **a. Rules Discussion**

- i. Mr. Sherman noted that he had spoken with Marica Haper about the training for wake boats with boat patrol staff and one thing he wanted to ask the Board to approve is the ability for a training session to have wake boats on the lake utilizing full wake enhancements followed by boat patrol so they can physically see them being used and take pictures and make a movie or use those still pictures for training purposes. Mr. Sherman noted there were different wake enhancing devices and Mr. Parris volunteered his boat and they could look for other freeholders with different wake boats to volunteer for training purposes. Mr. Sherman noted that they could only utilize their wake enhancing devices during that training.
  - i. Mr. Maulden noted the only problem he had with this was the lake is already busy and now were going to have boat patrol following behind wake surfers seeing what kind of wave they are putting out. Mr. Maulden noted that the Board had already received a picture that said they were deploying wake-enhancing devices and Mr. Parris was adamant the boat had no wake enhancing devices on it. Mr. Parris noted that he was reasonably confident they were not being used and he later found the boat and became fully confident no wake enhancing devices being used because they had been removed/disabled from the boat. Mr.

Parris noted what Mr. Sherman was asking is for a way to educate on what it actually looks like when this rule is being broken as opposed to making the assumption based on the opinion of the individual who sent the email. Mr. Rasdall noted he believed to educate is an excellent idea. Mr. Parris noted this is why he is willing to participate to help educate boat patrol.

**MOTION: Mr. Sherman motioned to approve boat patrol training purposes only to allow volunteers with wake boats to utilize their wake enhancing equipment only during the training session and take photos/videos for this training. Motion seconded by Mr. Rasdall.**

**Discussion: Mr. Brumfield asked during this training have someone behind the boats wake surfing. There was a discussion about wake surfing. Mr. Maulden asked if they allow this and educate boat patrol can they prove someone is using it and give them a ticket from the picture. Mr. Rasdall noted if they see this and believe it being used then the resolution with the affidavit gave boat patrol permission to board the boat and see if their ballast tanks are full. Mr. Young noted that if someone says no to boarding their boat you cannot, however if they say no then you can take their lake privileges. There was discussion about live wells. Mr. Young noted that they can let you board their boat with permission to inspect, but if they say no they can be cited for refusing to allow inspection which carries the same as a failed inspection. There was discussion about disabling devices and what has to be done to disable them.**

**Motion passed unanimously.**

- ii. Mr. Sherman discussed Title 14 of the Indiana Code and noted he believed the Board needed to be very definitive with that because there is a lot in Title 14 that has nothing to do with the district lakes. Mr. Sherman noted that there is the issue of open containers, and the lakes are some people's back yards. Mr. Maulden noted he didn't believe open containers were in there. Mr. Brumfield noted that in Indiana you can have an open container, the driver just cannot be drunk. Mr. Sherman noted that needed to be verified because that talks about another article Indiana Codes that applies too. Mr. Maulden noted that the security commission looked at that when doing the boater safety test.
- iii. Mr. Sherman noted the other issue would be whether personal buoys have to be pulled in every night and if they could revisit that issue. Mr. Sherman noted that if it is a buoy that is lit and no more than 25 feet from the shoreline it could be left out. Mr.

Brumfield noted that these buoys get caught in props and cause damage to boats. Mr. Maulden noted that they already had Mrs. Bay send out alerts and letters on this topic. Mr. Maulden noted that if they are in use they could pull them up and tie them to their docks.

#### **14. Board Member Concerns:**

- a. Mr. Sherman appreciated everyone that was there.
- b. Mr. Rasdall noted he thinks this education thing is a big thing and thanked everyone for coming.
- c. Mr. Maulden noted he would like to go back to buoys are they changing the rules, because letters have already been sent out and what they are supposed to be doing. There was discussion and the Board was in agreement they are going to continue to follow the current rule.
- d. Mr. Adolay noted he thought they were discussing touchless boat covers that evening. Mr. Parris noted he didn't believe the representative showed up. Mr. Adolay noted he believed they were bad.
- e. Mr. Parris noted that one question Dr. Sweeten asked from his presentation of the study was what the major concern and he is believes his major concern is the dam and the buoys should be placed near the dams to measure erosion, the wake surfing course is there, and most lake activities go on there. Mr. Parris noted he wanted to give a shout out to the working group for all their efforts with the bond. Mr. Parris concluded by noting he would like to bring up the culture as far a community civility and mentioned that we have all heard about people yelling at boat patrol when breaking the rules and wanted to take a minute to appreciate the fine people like Brittany and Nick who are working at the conservancy and other valuable boat patrol assets. Mr. Parris noted that when they fall short in something they are doing in the office or out in the field they are human and we all mistakes and asked everyone to be gracious.
- f. Mr. Brumfield noted to add to what Mr. Parris mentioned at the end of the day we are all neighbors whether you agree with someone or no, you still have to be someone what civil. Mr. Brumfield noted that he appreciated everyone staying, the boat patrol, and the staff we have. Mr. Brumfield noted that he is aware we are going through a lot of transitions so bear with them, they're just trying to make it better.
- g. Mr. Leavitt thanked everyone for being there and being involved.

#### **15. Adjourn (10:03)**

**MOTION: Mr. Maulden moved to adjourn, seconded by Mr. Parris. Motion passed unanimously.**

Respectfully submitted,

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Ted Adolay, Board Secretary

Date Submitted:

**Cordry-Sweetwater Conservancy District**  
**Board of Directors Special Meeting**  
August 5<sup>th</sup>, 2024

**“DRAFT MINUTES UNTIL APPROVED”**

1. **Board Members Present:** Mike Leavitt, Aaron Parris, Ted Adolay, Pat Sherman (joined meeting at 6:45), Randy Brumfield, Jim Maulden, and Mark Rasdall
2. **Board Members Absent:** None
3. **Also, Present:**
  - a. **Staff:** Brittany Bay, Nick Johann, and Josh Bryant
  - b. 15 Freeholders in attendance and numerous online viewers
4. **Call to order at 6:03 PM**
5. **Adoption of Bond Resolution 2024-12:**
  - a. Mr. Young noted that a general overview of both the project and the proposed financing should be presented to the freeholders again.
    - i. Mr. Johann went over the Cordry Spillway Repair Project noting that this project would consist of replacing the concrete structure on the side of the dam and the downstream side as well. Mr. Johann noted this project could start as early as September 9<sup>th</sup> and dropping of the lake by no more than two feet. Mr. Johann noted that could change based on the contractors. Mr. Johann noted that the project completion timeline is for 6 months and that the road by the spillway would be closed for the duration of the project but, noted that freeholders would still have access to every address on the lake there would just not be access where they are working.
    - ii. Mr. Young noted that while this project is something the Board wants to do the District is being compelled by DNR to do this project due to the dam rating. There was discussion about the difficulty of securing insurance coverage because of the dam rating. Mr. Young went over the maximum parameters of the project with a not to exceed \$3.2 million; this would cover the estimate of the project costing \$2.75 million with a 10% contingency. Mr. Young noted this estimated project budget could not go over that amount and would hopefully be less. Mr. Young discussed funding and noted that it is being structured as a 20-year bond with a payback over 20 years. Mr. Young noted that if this is funded through equal assessment that would be about \$166 per freehold per year anticipating a 5% interest rate. Mr. Young then noted that the District has an application in with the Indiana Bond Bank and the Financial Advisors say it is favorable to get approved, if approved by the Bond Bank the interest rate will drop to 4%. Mr. Young then noted that if the project is funded solely through property taxes, then it would be about 4.5 cent per hundred increases on taxes. Mr. Young then noted that whether the bonds would be paid back through equal assessments, ad valorem property taxes or a combination of the two would be at the discretion of the Board, and a decision the Board will make in the coming weeks. Mr. Young noted that the bonds have a 10-year call period.



**iii. The Public Hearing of Adoption of Bond Resolution**

**a. Mr. Leavitt opened the floor to Public Comment:**

- i. Skip Ramsey (DF 49) noted that it was said this will be paid either by assessment of property taxes or by equal assessment and that freeholders have gone through this before and if a freeholder has a \$500,000 home, they are paying a lot more if it goes through property tax than if it goes by freehold. Mr. Ramsey noted he believed it's not right that freeholders who have houses have to pay for it.**
- ii. Tim Wozniak (J28) noted his question was about the engineering report and asked if DNR had to sign off on the repair plans. Mr. Leavitt answered yes DNR had to sign off on the project and that review time from the DNR is what delayed the project, and they had originally hoped to start around July 4<sup>th</sup>. Mr. Johann noted that DNR had had it for 6 months and then permitted it. Mr. Wozniak then asked if DNR approved the designs and if that is what contractors are bidding on. It was answered that it was.**
- iii. Cully Kinnick (CF 8b) asked about using the Rainy-Day Fund to offset some of the project cost. Mr. Leavitt noted that it could be used to offset the cost, but they would also have to look at paying back the Rainy-Day Fund. It was noted this fund does not have enough money to pay the entire project cost. Mr. Kinnick asked why the money would need to be paid back. Mr. Leavitt noted that the Rainy-Day Fund falls under the budget to lower your assessment, and if that money is pulled out then your assessment will increase.**
- iv. Sharon VanKooten (I65/G 50) expressed her concerns of seeing more tax defaults and delinquencies with adding this to the equal assessment as it is already scheduled to increase annually for 4 or 5 years on top of the post covid inflationary environment. Mrs. Vankooten asked the Board to take into consideration are they raising the equal assessment above the ability and willingness of freeholders to pay for the modest offshore homes or empty lots. There was discussion of a cumulative fund.**
- v. Mike Warner (G24) asked if the property tax was raising a lot more than \$166 a year because if you do 4.5 cents does it equal out the same as the \$166 a year. Mr. Leavitt responded that it's 4.5 cents per hundred of assessed value. Mr. Young noted that to see the impact on each individual freehold you would have to look at your tax bill and see what your assessed value is and compute how much that would be on your individual house or freehold; so, you would look at your assessed value and its 4.5 cents per hundred.**

- vi. Denise Caudill (I 15) noted that she did a quick calculation and on a \$400,000 home it would be about \$180. Mrs. Caudill noted that she is a member or former member of the recently suspended Financial Advisory Committee and she does not agree with this being the fixed rate. Mrs. Caudill noted that she believes value added tax naturally spreads it to people like herself and her waterfront property that is probably assessed a little higher than her neighbor across the street that is not taking advantage of the lake at all. Mrs. Caudill noted that she was part of the equal assessment calculation and served on the committee to keep it curtailed and keep track of what was going on, but she doesn't necessarily agree with it.
  - vii. At this time Mr. Young noted that while it is important for the Board to hear freeholder comment on ad valorem repayment versus equal assessment repayment, that is not what the Board is deciding tonight. Mr. Young noted that tonight the Board is approving the project, approving the bonds does not approve the way they will be repaid. Mr. Young noted the decision for repayment will be decided as the Board works through the budget and the budget hearing process will give freeholders the opportunity to voice their concerns and position on whether it should be repaid by equal assessment, ad valorem assessment, or a combination of the two.
  - viii. A freeholder asked if the ramps were being replaced and the Board answered yes both ramps will be replaced.
- b. Mr. Leavitt closed the Public Hearing at 6: 27pm.

**MOTION:** Mr. Parris motioned to adopt drawing specifications, cost estimates, and determination to sell the bonds, seconded by Mr. Adolay.

**Discussion:** Mr. Leavitt noted that opening is Wednesday morning. Mr. Leavitt noted there has not been much said about cost estimates and that is intentional to get the best bid from contractors.

**Motion passed unanimously. (6-0)**

**MOTION:** Mr. Rasdall motioned to approve Resolution 2024-13-Additional Appropriations, seconded by Mr. Brumfield. Motion passed unanimously. (6-0)

## **6. Resolution 2024-14: Appointing Agents pursuant to I.C.35-43-2-2,**

- a. Mr. Leavitt noted that previously there was a board motion regarding who had the authority to trespass individuals from CSCD property but that would not follow the law in terms of the prosecutor being able to prosecute someone if they trespassed CSCD property. Mr. Leavitt noted this Resolution establishes the correct legal process of who is legally authorized to have someone trespassed from CSCD property. Mr. Young noted that this Resolution gives 9 individuals that authority, all 7 Board Members, Brittany, and Nick. Mr. Young noted that the way the law is set up it will require someone with authority to tell a person to leave before they could be arrested for trespassing.

**MOTION: Mr. Brumfield motioned to approve Resolution 2024-14- Appointing Agents pursuant to I.C.35-43-2-2, seconded by Mr. Parris. Motion passed unanimously. (6-0)**

**7. Resolution 2024-15 Clarifying Boundaries of Areas within the CSCD from which Directors are Elected and Specifying the Freeholds Located within in each Electoral Area**

- a. Mr. Young noted this Resolution describes which freeholds are in which electoral areas. Mr. Young gave the history of in 1954 there were 3 electoral areas, and then in 1974 the Brown County Circuit Court increased that number to 7 electoral areas from 5. Mr. Young noted that the Resolution increasing the areas from 3 to 5 could not be found but he would assume there was one. Mr. Young noted that from 1974 to present time there were 7 directors and according to the Court's order the area boundaries were set forth on exhibit A to a District Resolution, which was a map. Mr. Young noted that during the 2024 election there was an issue with which electoral area a property was in, and the court clerk could not find the map attached to the Courts order. Mr. Young noted that the District Office had a map that everyone believed to be Exhibit A but there was no way to confirm that. It was noted this map just had lines drawn around the areas and it put some lots in two different areas which became an issue in the last election. Mr. Young noted at that time the Board tasked the office to identify freeholds in particular areas by lot number, street address, and parcel ID. Mr. Young noted that this was a big job for the office taking approximately 1900 freeholds and assigning each one to one of the 7 electoral areas and the Board should congratulate their staff for doing such a good job. Mr. Young noted that he prepared a resolution that says the freeholds listed on that file according to area are the freeholds within that electoral area. Mr. Young noted that if the Board adopts this resolution, he will file a request with the court with a copy of the resolution to get the court to issue an order clarifying the 1954 order establishing the District to show that the District is composed of 7 areas. Mr. Young noted that the office also prepared maps and those can give you a good idea of what area your lot is in, then you would not have to look through all seven lists you can go straight to the list you think your lot is in. Mr. Rasdall noted there were not new lines drawn, the lines were defined, and the cloudy lines disappeared, meaning if you were on the edge between two areas that is now defined.

**MOTION: Mr. Rasdall motioned to approve Resolution 2024-15 Clarifying Boundaries of Areas within the CSCD from which Directors are Elected and Specifying the Freeholds Located within in each Electoral Area, seconded by Mr. Maulden.**

**Discussion: Mr. Leavitt noted this was just a procedural step, and it clears up some other issues in our Circuit Court file that are a little cloudy.**

**Motion passed unanimously. (6-0)**

## **8. Wake Study Approval**

- a.** Mr. Brumfield went over the lake study, he noted that Dr. Sweeten came to the last meeting and answered questions, to help clarify things. Mr. Brumfield noted he wanted to put this study to rest and take a vote pass or fail.
  - i.** A freeholder in the audience noted he thought the wake study was to determine what boats were making the wakes and asked how the study was going to do that because at the last meeting it was said there won't be cameras on the actual buoys. Mr. Brumfield noted they do not have cameras on the actual buoys what they are going to do is similar to what Scott and the wake committee did and run different types of boats at different distances from the actual buoy and that would be a calculated definite with the wave energy, the height, the duration, and everything that buoy would get on that type of boat. There was discussion over cost.
  - ii.** A freeholder asked if wake boats never existed, would this study still happen. Mr. Brumfield noted that there is other stuff this study is going to determine. Mr. Brumfield noted that anybody who has been out on Sweetwater Lake during the weekend can agree we have a lot of waves, no matter where they come from wake boats, pontoons, whatever kind of boat it is, and a lot of rules have been changed. Mr. Brumfield noted that they are the Board of Director's, he is an arborist by trade, and he doesn't know this topic and explained that they are reaching out to somebody that knows that type of stuff and taking a path to get actual data to see what the Board needs to do because without the lakes we have nothing. Mr. Brumfield noted the lakes are worth protecting and there are things in the study like suspended phosphorus that would be tested and is stirred up by wave actions. Mr. Brumfield noted the study includes doing a lidar across the whole lake and seeing where the actual erosion is and comparing it over three years. Mr. Brumfield noted this could open the District up to grant money and discussed during 2008 when the flood. Mr. Leavitt discussed FEMA not giving any grant money because at that time there wasn't a survey or anything to quantify it.
  - iii.** Mrs. Maulden read a letter from a freeholder, Shawn Rexroth (OES 260) who was unable to be at the meeting. The letter stated that at the last meeting Mr. Parris said to put the wake boat sensors by the dam because that is the major concern, but he also said no damage is being done to the dam by the inspector. Mrs. Rexroth per her letter asked the Board to be cautious with this

advice because this is not the only issue that was pointed out with the wake committee survey on wake boats and how they are detrimental to the community. Mrs. Rexroth noted in her later the dam is the deepest part of the lake and will show less effect than other areas, less sediment uptake and less wave force. Mrs. Rexroth noted in the letter she believed the sensors needed to reflect other areas of the lake not just the deepest parts. Mr. Rexroth noted in her letter she did not believe the study will end the cries for more wake boats on the Districts small lakes.

- iv. Mr. Maulden noted at the last Board meeting Dr. Sweeten was present and he asked him about the cost and task not lining up and he has not received any updated information on that. Mr. Maulden noted there were things that he both liked and did not like about the study. Mr. Maulden noted that he had no idea of the cost for the task and how to strike it, so he does not know how he votes on this.
- v. Mr. Leavitt noted this document still did not represent the actual contract that the Board would be entering.
- vi. Mr. Rasdall noted he agreed with Mr. Maulden there are parts of this he likes and parts he does not like. Mr. Rasdall noted before the Board decides and enters a contract, they should have total clarity on what they are getting for each dollar spent.
- vii. A freeholder apologized and introduced himself as Mike Lawson. Mr. Lawson noted that the Board was talking about deleting items from the study that they don't like but he believes that doesn't make sense since if this is a scientific study, unless the Board is qualified to say what needs to be done. Mr. Lawson noted this would negate the entire study. Mr. Lawson noted that Dr. Sweeten was placing instruments in specific positions to take specific measurements. Mr. Lawson noted that if this is a scientific study and this guy is an expert he should be the one to design the experiment. Mr. Brumfield noted that tasks 1-6 were in correlation with questions the Board wanted answered from the doing this study. Mr. Brumfield read through the questions.
- viii. Mr. Rasdall asked if he was correct in thinking the shoreline study with lidar would qualify the District for FEMA assistance in the future, but the wave motion would not play into FEMA funds available. Mr. Brumfield noted that was not one of the questions that the Board decided to ask Dr. Sweeten. Mr. Parris noted he believed what Mr. Rasdall mentioned was accurate.
- ix. Mr. Sherman arrived and apologized for being late. Mr. Sherman noted that looking at questions 1-4 every one of those has to do with wake surfing. Mr. Sherman noted it was determined at the last meeting these do not have cameras on them and there is no way to determine if it is a wake boat that is surfing or if it is someone tubing. Mr. Sherman noted his issue with that. Mr. Sherman noted he understood the need for the study to help with grants but the initial premise for this study was to determine the difference between a wake board boat when somebody is surfing

and a ski boat pulling tubers. Mr. Sherman noted he did not know how they could afford to spend that kind of money when the first initial premise of the study was to determine if wake boats are a detriment to the lakes and the dissipation of wakes with the current wake course. Mr. Sherman noted that this was his issue; he did not think the study was going to answer that question. Mr. Brumfield noted that at the last meeting Dr. Sweeten answered this question and no they do not have cameras on them, but the study would entail running several boats at various sizes doing different activities certain meters from the buoy that is collecting data and that is the way they are going to identify this. Mr. Sherman noted that that data will be collected continuously and there is no way to know from that data whether the actual damage that is being considered is being done by wake boats; Mr. Sherman noted he believed this is a lot of money to spend when the initial premise is not being answered.

- x. Mr. Maulden noted that when the study first came out, he believed there would be cameras on the buoys and that they would know the strength of the wake and which boats were causing it. Mr. Maulden noted he believed it would be basically useless data because they still wouldn't know which boats are causing the large wakes, all it will tell them is that the lakes are busy 5 months out of the year on Saturday. Mr. Maulden noted that he would still like some of the tasks in the study done like the lidar, but the Board doesn't know what that would cost.

**MOTION: Mr. Sherman motioned to table the approval of the study until the next meeting and get more specific information that the Board will need, seconded by Mr. Adolay. Roll Call:**

**Pat Sherman: Aye**  
**Mark Rasdall: Aye**  
**Jim Maulden: Aye**  
**Ted Adolay: Aye**  
**Aaron Parris: Aye**  
**Randy Brumfield: Nay**  
**Michael Leavitt: Aye**

**Motion Passes 6-1.**

## **9. Board Member Concerns**

- a. Mr. Sherman mentioned that he had a conversation with Kevin, who was looking at policies and procedures for Marshalls and was wondering if the Board could have an executive session before the next Board Meeting, so that Kevin could discuss with the Board what he would propose. There was discussion. The Board decided to hold an Executive Session on August 20<sup>th</sup> prior to the Board meeting.

## **10. Adjourn (7:08 PM)**

**MOTION: Mr. Sherman moved to adjourn, seconded by Mr. Parris. Motion passed unanimously.**

Respectfully submitted,

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Ted Adolay, Board Secretary

Date Submitted:

**Cordry Sweetwater Conservancy**

**\*\*DRAFT\*\* Building Commission Minutes  
August 6, 2024**

The meeting was called to order at 6:00 p.m.

Present: Cully Kinnick, Pat Sherman (Board), Kathy Wood (CSLOA) and Nick Johann BCO.

Absent: Dennis Cameron

Guests: Ryan Cummings, Mike Fouch, and Jim Ray.

Acceptance of July minutes. Mr. Kinnick made a motion to accept the July 2<sup>nd</sup>, 2024, minutes. Mrs. Wood seconded. Motion passed.

Freeholder Comments: *A Freeholder discussed a sign at 8403 Centerlake advertising firewood for sale and how it may violate CSCD covenants or Brown County zoning. The commission discussed the topic and would like it brought to the CSCD Board.*

New Business: *Mr. Fouch asked if he would be able to install a storage shed on his Fox Ct. property. There was a discussion about storage facilities on undeveloped lots. Mr. Sherman will take this to the Board to be discussed.*

Dredging Applications:

D24-007, D24-008, D24-009

*Mr. Kinnick made a motion to recommend approval of dredging applications D24-007, D24-008, D24-009. Mrs. Woods seconded the motion. Motion passed.*

New Applications:

24-058 – WS 285 – Stamper – 6521 Loon Dr.

This project is to install a boat lift.

*Mr. Kinnick made a motion to approve application 24-058. Mrs. Wood seconded. The motion passed unanimously.*

24-059 – CE 44 – Young – 7478 Haw Dr.

This project is to replace the attached upper deck and stairs.

*Mrs. Woods made a motion to approve application 24-059. Mr. Kinnick seconded. The motion passed unanimously.*

24-060 – WS 303/304 –Knight – 6450 Loon Dr.

This project is to build a dock addition.

*Mrs. Woods made a motion to recommend approval of application 24-060. Mr. Kinnick seconded. The motion passed unanimously.*



24-061 – CD50-51 – McAllister – 7442 Honey Locust Dr.

This project is to build a 24' X 36' home addition.

*Mrs. Wood made a motion to approve application 24-061. Mr. Kinnick seconded. The motion passed unanimously.*

24-062 – AA 57 – Rogers – 7916 Nettle Dr.

This project is to build a new dock and boat shelter.

*Mr. Kinnick made a motion to approve application 24-062. Mrs. Wood seconded. The motion passed unanimously.*

24-063 – CD 15 – Goettman – 7636 Hornbeam Dr.

This project is to build a home addition.

*Mrs. Woods made a motion to approve application 24-063. Mr. Kinnick seconded. The motion passed unanimously.*

24-064 – Cummings – 8453 Centerlake Rd.

This project is to build a 128 SqFt dock.

*Mr. Kinnick made a motion to recommend approval of application 24-064 subject to the dock not exceeding 20' from the water line and review of the rules not stating "lake structures only on water designated lots." Mrs. Woods seconded. The motion passed unanimously.*

24-065 – WS 524-526 – Witter – 6243 Bunting Dr.

This project is to build a home addition.

*Mrs. Wood made a motion to approve application 24-065 pending a Brown County Permit. Mr. Kinnick seconded. The motion passed unanimously.*

**Variance Requests:** None

**Old Business:**

**Old Applications:**

23-016 - WS 523 - Kern - 6240 Cardinal Dr.

**Stop Work Orders:** None

**Complaints:** None

**Freeholder Comments:** None

**Building Commissioners Comments:**

As there was no other business before the Commission, Mrs. Woods motioned to adjourn, and Mr. Kinnick seconded. The meeting was adjourned at 7:45 p.m.

The next Building Commission meeting will be September 3<sup>rd</sup>, at 6:00 p.m. at the CSCD Office.

Respectfully Submitted,  
Nick Johann BCO

\*Note these minutes are not official until voted on at the September meeting.

DRAFT  
MINUTES  
ECOLOGY COMMISSION MONTHLY MEETING  
Cordry Sweetwater Conservancy District  
1 Aug, 2024

- A. The monthly meeting of the CSCD Ecology Commission was called to order by Randy Brumfield at 6:00 P.M., in the CSCD conference room.
- B. Members Present: Randy Brumfield, Shena Johnson, Brenda Maulden, Ty Cooper, Charlie Tinkle, Matt Murtha, and Jim Donnell (Recorder)
- C. Members Absent: None
- D. Others In Attendance: Nick Johann (CSCD Operations) + 4 Guests
- E. (6:05 P.M.) *Shena Johnson moved to approve the Minutes of the 11 July, 2024 meeting of the CSCD Ecology Commission; Brenda Maulden seconded. This motion was unanimously approved.*
- F. (6:05 P.M.) **FREEHOLDER CONCERNS:**
1. Jim Maulden inquired about **ADA (handicap) parking** locations at the beach and marina. After discussion, he agreed to bring this topic up at their next SECURITY Commission meeting.
  2. Charlie Tinkle raised the issue of **poor largemouth bass fishing in CSCD lakes**, and especially bad in Cordry Lake. He suggested a monthly bass-culling tournament for the Anglers Club, whereby the Club would take and remove as many small (12" and under) largemouth bass from our lakes as possible, to work to improve the quality (size) of remaining largemouth bass. He did acknowledge that panfish (e.g. bluegill, crappie, etc.) fishing is still good in both lakes. Nick Johann agreed to contact a DNR conservation officer to check on the legality of such a move.
- G. (6:30 P.M.) **OLD BUSINESS:**
1. **CSCD OPERATIONS REPORT:** Nick Johann provided updates on myriad projects of interest to ECOLOGY including:
    - a. Aquatic Control completed its second **aquatic weed survey** of the year to identify where American Pondweed is thriving in coves and swimming areas of our CSCD lakes. They will be applying weed control herbicides on Monday, 5 August, to eliminate pondweed in those areas deemed problematic to freeholders, boaters, and swimmers.
    - b. A freeholder had contacted Nick about a problematic leech infestation in their cove (between Alder & Aspen Drives). Brenda Maulden located, online, a very informative essay written by a biologist, that deals with this issue, and emailed it to the freeholder in question. It can be located at: <https://nhlakes.org/wp-content/uploads/4-Lake-Ecology-Native-Species-Leeches-NH-LAKES.pdf>. Perhaps the most important takeaway from this essay is "... *The easiest and safest way to reduce leech populations is to make sure you and your neighbors do not rake leaves, grass clippings, or other organic debris into the lake.*"
    - c. **Cordry Lake Spillway:** The long-awaited bidding process for this \$ 2.3 million (+/-) project has begun. Bids by contractors to perform this spillway rebuild project are due no later than 7 August. The Board will consider all bids and select one on 14 August, with work to begin (if all goes well) the second week of September. The project specs dictate that Cordry Lake, if lowered to perform this work, will not be dropped more than 2 feet from normal pool. Nick Johann will alert all freeholders of the potential impact on boating and driving (closed road over the dam) as this project progresses. The CSCD Board is exploring funding options. The goal is to have Cordry Lake Spillway rebuild work finished this fall/winter, after boating season, and if nature cooperates, the lake raised to normal pool height by spring.
    - d. **Status of ECOLOGY Commission Budget Proposals for FY 2025:** At the last Board meeting, all budget proposals from the various commissions were read for the first time. At this point, no cuts to those proposals have been suggested or made. Due to the proposed expansion of the CSCD "salt barn," it is probable that the recycle bins will have to be relocated
  2. (6:45 P.M.) **CSCD RULES REVIEW PROJECT** (Shena): The joint effort of the SECURITY Commission and ECOLOGY Commission to update and consolidate into one, online, easily accessible Rule Book, all the "rules" in effect in the CSCD continues. This month's task is to review all the CSCD Board MINUTES from the last 15 years to identify and pull out "rules decisions" made by the various CSCD Boards in meetings through the years for incorporation into the updated, new Rule Book. Each member present was given a paper copy of one year's Board MINUTES, with instructions to comb them for any/all rules decisions that need to be incorporated into the finished product. Results are due back to the CSCD office by our next monthly commission meeting.
  3. (6:50 P.M.) **POLLINATOR HABITAT UPDATE** (Brenda): The 3-acre pollinator site has been mowed and herbicide has been applied to eradicate all vegetative growth. A second application will be needed to completely kill all

**OVER >>>**

unwanted vegetation, after which the area should be ready for pollinator seeding, hopefully this fall/winter. The committee is looking into designating a parking area at the north end of the pollinator site. Brenda has begun to look into appropriate seeds to purchase based on the recommendations of Emily Jacob, a biologist with “Quails Forever & Pheasants Forever.” The committee continues to develop a comprehensive plan for the creation of this Pollinator Habitat resource.

4. ( 6:55 P. M. ) The special funding of the “**SHORELINE EROSION STUDY**,” proposed by Doctor Sweeten of Ecosystems Connections Institute, LLC in Denver, Indiana has been tentatively approved by the CSCD Board. Several specific details of the techniques used to collect this environmental study are being worked out before the contract is signed.

5. ( 7:00 P. M. ) **ANIMAL CONTROL MEASURES:** Shena reports that “Rusty” ( owner of Rusty’s Animal Control ( RAC ) has agreed to oversee the annual “Deer Reduction Hunt,” in CSCD again this fall/winter. The proposed dates for this archery-only reduction hunt are 1-17 November, 2024 and 4-12 January, 2025. A required archery hunter qualification date of 21 September ( 10:00 A.M. – 12:00 noon ) was also proposed. All dates were approved by the ECOLOGY Commission, pending the final approval by the CSCD Board. Planning for this hunt is underway.

6. ( 7:00 P. M. ) **SUMMARY OF BOAT STEWARD BOAT/TRAILER INSPECTION FINDINGS :** ( *Jim* ) Jim Donnells handed out a 1-page sheet that summarizes all the results of boat and trailer inspections conducted thus far in 2024 by the boat stewards, hired to help keep zebra mussels out of our lakes. He requested that commission members review the data presented and email him comments and observations gleaned from the data that will be useful to the Zebra Mussel Prevention Committee when they next meet to review the overall effectiveness of the ZM Prevention Program

H. ( 7:05 P. M. ) **NEW BUSINESS :**

1. **DREDGING APPLICATIONS:**

a. *Shena Johnson moved to APPROVE dredging application D24-10 submitted by Berris Properties / Kara Paris on lots WS 176 & 177 ( 7052 Eagle Dr. ), as submitted. Charlie Tinkle seconded. This motion was unanimously approved.*

b. *Shena Johnson moved to APPROVE dredging application D24-11 submitted by Lisa Michaelis on lot I 49 ( 8156 Bass Dr. ), as submitted. Charlie Tinkle seconded. This motion was unanimously approved.*

c. *Shena Johnson moved to APPROVE dredging application D24-12 submitted by Jeff Haynes on lot WS 531 ( 6233 Bobwhite Dr. ), as submitted. Charlie Tinkle seconded. This motion was unanimously approved.*

2. ( 7:10 P. M. ) **COMMISSION MEMBER CONCERNS:**

a. Brenda Maulden offered compliments to CSCD for the new signage located around the CSCD. Nick reported that the new signs are the work of **Jeff Dollens**, a CSCD employee.

b. Brenda Maulden also updated the commission on the recent approval by the Brown County Commissioners for Off Road Vehicles ( ORVs ) to be operated on county roads, including in CSCD. Stipulations for this ORV authorization can be found at the Brown County Government website.

I. **ADJOURNMENT:** Shena Johnson moved to adjourn the 1 August, meeting of the Ecology Commission. Matt Murtha seconded. The motion passed. The meeting was adjourned at 7:20 P.M.

Respectfully Submitted:

**JIM DONNELLS**  
Commission Recorder  
[opajimd@gmail.com](mailto:opajimd@gmail.com)



# Cordry-Sweetwater Conservancy District

8377 CORDRY DRIVE NINEVEH, IN 46164 PHONE:  
317-933-2893 FAX: 317-933-3628

**\*DRAFT\*** Roads Commission Meeting

August 1, 2024

Present: Nick Johann, Mark Rasdall (Board), Greg Harper, Larry Trueblood, and Eric Vonhoven (CSLOA)

Absent: Dave Jarrett, Larry Trueblood, and Eric Vonhoven (CSLOA)

Guests: Dan Norman.

**There were not enough commission members for a quorum.**

## 1) Freeholder Comments

- A. Dan Norman asked for a speed bump on Grey Wolf after it is paved.

## Director of Operations Report

- Mr. Johann gave an update on the 2024 paving. The contractor thought it would be after Labor Day when they can start.
- Mr. Johann recommended adding crack sealing to the 2026 budget.

## Commission Members Comments

None

**Cordry-Sweetwater Conservancy District**  
**Security Commission Meeting**  
August 13<sup>th</sup>, 2024  
**“DRAFT MINUTES”**

1. **Members Present:** Jim Maulden, Cathie Brown, Brian Clancy, Harry Sherman, Tom Quill, and Jo Ann Hamilton
2. **Members Absent:** Steve Burke
3. **Also, Present:**
  - a. **Staff:** Brittany Bay & Rusty Morrison
  - b. 7 freeholders in attendance (Brenda Maulden, Sharon Vankooten, Nancy Quill, Rob Seet, Jennifer Seet, Matt Petersen and Carrie Vavul)
4. **Welcome:** Mr. Clancy called the meeting to order at 6:06 PM.
5. **Agenda Modifications:**
  - a. Mr. Clancy noted he would like to add under new business Staff Report/Updates and to have the freeholders’ concerns in two parts, the first part being general freeholder concerns and the second part being freeholders appealing violations. Mr. Maulden noted he would like to add at the end of meeting discussions what stays on the agenda for next month.
6. **Approval of Minutes:**
  - a. There Commission reviewed the July Commission Meeting Minutes.

**MOTION: Mr. Quill motioned to approve the July 9<sup>th</sup>, 2024, Security Commission Minutes, as submitted, seconded by Mr. Maulden. Motion passed 5-0.**
7. **Freeholder Concerns:**
  - a. Sharon VanKooten (I65) noted she was interested in the ADA parking at the boat ramps, because she believes something needs to be done to accommodate people with mobility issues.
  - b. Jenifer & Rob Seet (WS 280) introduced themselves. Mrs. Seet noted they were the freeholders who had an incident at Sweetwater boat ramp with her husband’s father and they had posted about it on Facebook, and noted they attended the meeting tonight to support a handicap spot or at least a spot for people with mobility issues. Mr. Seet noted that over the weekend his brother drove their father, who has mobility issues, over to the ramp while trying to help him get to the dock another freeholder became sarcastic with them about where they parked. Mr. Seet noted that they would just really like to see some parking signage for people with challenges or disabilities or the elderly in a few spots. Mr. Seet noted that there did not need to be a bunch of money spent on these just reasonable accommodations and referenced the Americans with Disabilities Act. Mr. Maulden noted he spoke with Josh Bryant and he

looked into getting an estimate for putting something in at the marinas. There was some discussion about a ramp being added to the Sweetwater marina area. Mrs. Bay noted that if you made the marina area a loading/unloading zone it would take away some of the liability expenditures and risk. Mr. Maulden mentioned that was another idea they were looking into. Mr. Clancy thanked the Seets for coming and speaking about their incident and that the commission members would speak more about this topic when they get to new business.

## **8. Old Business:**

### **a. 2025 Budget**

1. Mr. Maulden noted the biggest pushback on the security budget that he was getting from the Board of Directors was purchasing a new rhib boat when they are anticipating the Cordry dam spillway project expenditure. There was a discussion on the Budget process. Mrs. Bay noted that before September 7<sup>th</sup> the maximum budget must be submitted to DLGF, the budget can decrease after this but not increase. Mrs. Bay noted that the Public Hearing on the 2025 budget would be at the September Board Meeting and then the Adoption of the 2025 budget would be at the October Board Meeting. There was discussion over a new engine for the Sweetwater rhib boat.
2. Mr. Sherman requested adding purchasing a new engine in the amount of \$12,000 for the Sweetwater rhib boat be added to the budget if they remove the \$50,000 rhib boat. There was discussion over the need for a new engine.

**MOTION: Mr. Sherman motioned to modify the 2025 security budget from \$149,050 to \$51,050 by striking the rhib boat and dock and adding a new engine for the Sweetwater rhib boat.**

3. Mr. Sherman asked about the lighted buoys and expressed he believed there was a need for more. Mr. Maulden noted he did not care for the lighted buoys and believed they were light pollution.

**Motion seconded by Mr. Maulden. Motion passed 6-0.**

4. Mr. Maulden mentioned that Mr. Sherman wanted to further discuss the lighted buoys in case the commission wanted to add more to the budget.
  - i. Mr. Sherman noted that from a safety standpoint he believed the lighted buoys are good for the lakes. Mr. Maulden noted that the state lakes do not have lighted buoys. There was discussion of the cost difference in lighted versus regular buoys. There was discussion on the lifetime of the buoys. Mrs. Bay noted there are currently no back up buoys. Mr. Morrison noted that from his

perspective he would like to see the lighted buoys on the points of the lakes. Mr. Clancy mentioned to Mr. Sherman if he wants to make a motion to increase the amount buoys, he could, but his concern is want versus need and with how much money is about to be spent on the dam this may be more of a want than a need. Mrs. Bay noted that in the 2025 budget there is enough funds to cover 4 lighted buoys and 25 regular buoys.

**MOTION: Mr. Sherman motioned budget for 10 lighted buoys and 15 regular buoys, seconded by Mrs. Brown.**

**Discussion: Mr. Clancy noted that we would be going from the currently budgeted 29 buoys to 25 buoys and the budget would increase by \$5,000. Mr. Quill noted that he likes the lighted ones too but it sounds like there is more of a need for quantity at this time. Mr. Maulden noted that it appeared we could be down buoys because lighted buoys are what has been being purchased and fewer of them are ordered because of cost. Mrs. Bay noted that one of the buoy reps has a special on the light toppers right now to test those out. The commission was in agreement to purchase and test out the light toppers.**

**Motion Rescinded: Mr. Sherman rescinds his motion.**

**b. Flock Cameras**

1. Mrs. Bay noted that there are two cameras that are undergoing maintenance. Mrs. Bay noted that this maintenance is included in the annual fee.
2. Mr. Clancy noted that all law enforcement now has access to the flock cameras.

**c. Body Cam Review for Beach Attendants and Boat Patrol**

1. Mrs. Bay noted that the body cameras were working out great for the beach staff. Mrs. Bay also noted that they are not working out so well for the boat patrol staff, Mrs. Bay mentioned that the boat patrol staff can only hear what is being said on the patrol boat; you cannot hear what is being said on the boat that has been stopped. Mrs. Bay gave a body camera to the commission to look at and test. Mr. Morrison went over the body camera in good detail and showed that it is very easy to utilize. Mrs. Brown and Mr. Morrison were both in agreement that this one is easy to use but is not good for the purpose they were purchased, which is to hear what is said on the other boat. Mr. Clancy noted that they are still in the return window, and this will be trial and error. Mr. Clancy noted we

cannot just accept this when it is not working and find something that will.

2. Mr. Clancy and Mr. Sherman both discussed the possibility of getting a step up from the one we purchased if that was possible.
3. Mr. Clancy asked about the recording procedure, and Mr. Morrison noted he did not record every encounter. Mr. Clancy noted that one of the things that sold this to the community was the transparency where if someone were to say boat patrol was rude, we would have the camera to possibly to disprove that and noted he believed every encounter should be recorded. Mr. Clancy noted that he believed the standard operating procedure for this should be recording of every encounter.
4. Mr. Morrison suggested reaching out to other agencies that use body cameras on the water and seeing what they use. Mr. Clancy noted the focus should be looking at what we spent on 3 and seeing if we can order a different one from the same company.
5. Mr. Clancy noted that Mrs. Bay and himself can look into other alternatives for homework.

**d. Buoy Numbers/Tape Review**

1. Mr. Clancy noted that he liked the fact that they cut the reflective tape before applying it to the buoys and he the numbers being on the side. Mr. Maulden noted that when the tape was cut in half it's the size of the original tape that comes on the buoys. Mr. Sherman noted they looked great. The commission was on board to continue with this project.
2. Mr. Quill requested that more numbers be ordered because there are two sets going on each buoy and they have not started on Cordry yet.

**e. UTV/ORV Review**

1. Mr. Maulden reviewed the new Brown County Ordinance that was passed. Mr. Maulden noted that he and his wife Brenda attended all four meetings held on this topic. Mr. Maulden noted that on July 17<sup>th</sup> Brown County was the 80<sup>th</sup> of 92 counties to approve this. Mr. Maulden noted that this does not include golf carts. Mr. Maulden noted the requirements to be eligible to drive ORV's. Mr. Maulden noted that Brenda had been monitoring the paper and has no seen any complaints in the opinion section or the Sheriffs log. There was discussion over the vin check for these vehicles being the same procedure as a vin check for watercraft.

**f. Temporary Speed Bumps at Grizzly**

1. Mr. Maulden noted that he has heard a lot of positive feedback on the speedbump. Mr. Maulden noted many people have been asking to have them installed. Maulden noted he spoke with



Mark Rasdall to see if they could get a quote on installing these permanently and then the commission could discuss installing them on the side drives.

2. Mr. Clancy asked how this would affect the plows. Mr. Maulden noted there are different types and there are ones that are more like a table. Mr. Maulden noted that he believed it would be something roads and security could work on together. Mr. Maulden noted that Nick Johann attends roads too and he asked Mark if this was something they could look at and then decide if this is something they should pursue. Mr. Quill noted that he believed pursuing this would depend on whether they will tear up the plows.
3. Mr. Maulden noted that everyone needs to share the roads, there are no sidewalks here and people should be able to exercise, walk, and ride their bikes.

**g. Stationary Cam at Beach**

1. Mrs. Bay noted that the installation of the stationary camera would be happening Thursday, and these ones do have sound.
2. There was discussion over vandalism at the beach.

**9. New Business:**

**a. ADA Parking at Beach and Boat Ramps**

1. Mr. Clancy asked Sharon Vankooten if she had anything to add to this topic since she had mentioned this topic interested her during freeholder concerns. Mrs. Vankooten noted that she had expressed all of her concerns at the beginning of the meeting during freeholder concerns. Mr. Maulden noted that he asked Mrs. Vankooten to attend the meetings because while she isn't an attorney she has experience in that area. Mrs. Vankooten noted she has a paralegal certificate, and volunteers at a Christian Legal Clinic but she cannot provide legal advice. Mr. Maulden noted that Mrs. Vankooten could tell the commission if she believed they should consult an attorney before they make a decision.
2. There was discussion about parking in the grassy area by the contractor's ramp.
3. Mr. Maulden noted that once you put an ADA sign out there is liability if the ramp, the parking lot or other things are not exactly right. Mr. Maulden noted they discussed this at ecology and that the district could make the sign say anything and gave the example of senior citizen parking.
4. There was a discussion over parking at the Sweetwater marina. Mr. Clancy requested that Mrs. Bay see how many parking spots would fit in the marina area.
5. There was discussion over the quote for the pavement that Josh Bryant provided to the commission. It was noted this was just a quote for the pavement only, this quote did not include railing or anything else. Mr. Quill noted that right now everything is

use at your own risk. There was more discussion on the liability to put up ADA signage. Mr. Clancy asked legally by law does the conservancy have to have handicap parking. It was noted that the conservancy is private, Mrs. Bay noted that once the conservancy puts ADA signage up it has to become completely compliant. Mr. Maulden noted that is also what Nick Johann had previously said that we didn't put the signs up because then we would have to be fully compliant and if someone were to complain about a crack in the sidewalk then it could be an issue. Mrs. Bay discussed calling these areas loading/unloading zones and putting up signage to that affect this would allow for people with mobility issues, senior citizens, or people with disabilities to have a closer area to park and board a watercraft.

**b. Smoking at the Beach Review**

1. Mr. Clancy noted that he had discussed the smoking on the beach issue with Amy Sherman-Williams, CSCD beach attendant. Mr. Clancy noted he believed an area we have as a family area where there are young kids should not allow smoking at all. Mr. Clancy mentioned the beach is open air but plenty of other places that have open air do not allow smoking and gave the example of baseball games.
2. Mr. Clancy noted he was prepared to make a motion to ban smoking but asked about vaping and for the commission to discuss. Mr. Morrison asked for clarification on if the beach was everything from the road to the water or if the parking was excluded in what is considered the beach. Mr. Maulden noted he believed the parking lot should be excluded from what is considered the beach. There was discussion on not allowing smoking on any CSCD property. Carrie Vavul asked about designated areas with the cigarette poles, Mrs. Vavul noted that she does not smoke but smoking is still a legal activity. Mrs. Brown asked about the consequences if someone was smoking on the beach and not in the designated areas. Mr. Maulden noted that the beach attendant would ask them to leave. Mr. Quill noted that the designated smoking areas would be in the parking lot, and the grassy area to the road and there would be butt cans put in that area. Mr. Clancy noted that the consequence should at first be an education of the new smoking rule, and then if it happens again and they have been told the attendant asks for their beach pass; Mr. Clancy noted this was an ask, tell, make policy. Mrs. Brown asked about vaping. Brenda Maulden noted that all smoking signs she has seen include vapes/e-cigarettes.

**MOTION: Mr. Sherman motioned to approve recommending to the Board to ban smoking/vaping at the**

**beach and shelter house area and to put up signage to this affect, seconded by Mrs. Brown.**

**Discussion: Mr. Clancy noted there should be some homework to see the costs of the cigarette butt cans.**

**Motion passed unanimously 6-0.**

**c. Boat Patrol Towing Release & Training**

1. The commission reviewed the towing form that the CSCD attorney prepared for boat patrol to have freeholders sign before towing their watercraft.
2. Mrs. Bay asked for clarification on the towing release form because boat patrol has asked why every passenger on the watercraft needed to sign the form. There was discussion on that verbiage being included and having all passengers sign because a passenger could fall out, or a rope could hit them, during towing, different liabilities.
3. Mr. Clancy asked about training for towing watercraft. Mr. Morrison went over the training procedure for towing another watercraft.

**d. CSCD Lake Security → Lake Patrol Sticker Change**

1. Mrs. Bay noted that the new patches saying CSCD Boat Patrol have been ordered.
2. Mr. Maulden asked if the boat patrol uniforms would also be changed to say boat patrol. Mrs. Bay noted the uniforms already have CSCD boat patrol on them. There was discussion over a badge on the boat patrol shirts, there was discussion of a badge Mr. Morrison designed with the Indiana State Seal. Mrs. Bay showed the commission the current style of shirt with a badge, the CSCD logo, and verbiage of boat patrol on them. Mr. Maulden noted the current shirts have boat patrol on them not lake safety which was the issue. Mr. Clancy noted that he believed the boat patrol staff could discuss if they wanted to change the logos on their shirts.

**e. Loose Dogs**

1. Mr. Clancy discussed the loose dog issue. Mrs. Bay noted that animal control had to be called a week ago for a report to be made because a staff member was bitten by a loose dog. Mr. Maulden noted there is not a leash law, people just have to have their dog under control. Mr. Maulden noted that this is a countywide issue. Mr. Maulden noted that there is one animal control officer within the county. Mr. Quill noted the animal control officer could cite the dog owner, and eventually they may have to go to court.

**f. Adding Buoy Northwest End of Sweetwater**

1. Mr. Maulden noted Nick Johann received a message from a freeholder on Grosbeak where a buoy sits behind a dock

requesting another buoy be added for safety reasons. There was discussion over adding one in front of the docks. Mr. Maulden suggested moving the buoy from in the cove out past the docks.

**g. CSCD Full Time Employee Lake Use**

1. Mr. Maulden noted that he had a full-time employee of the CSCD come to him and let him know he had been here several years and takes pride and ownership in his work here at the lakes and asked if there was any way that he could launch his boat on the lakes. Mr. Maulden noted that he and Brenda had been reviewing old minutes and back in 2011 this was a discussion topic that had a 3-2 vote with two Board members absent during the vote. Mr. Maulden noted that he had told the employee he could not make any promises, but he would bring this topic to security.

**MOTION: Mr. Maulden motioned to approve recommending that full-time employees that have been employed at the district for more than 1-year will be allowed to purchase 1 motorized boat decal or 2 nonmotorized boat decals, they must pass the zebra mussel test, the boat safety test, follow all CSCD rules, and the employee must be present when decaled watercraft is being operated on the lakes; their decals will be revoked for one violation on the lakes and decals will terminate if the employee is terminated.**

**Discussion: There was a discussion of lot numbers on employee watercraft and utilizing the CSCD Office lot number. Brenda Maulden noted that she knows the employees who work here, and they are dedicated, they answer phones after hours, they come in after hours, they take pride, and ownership and feel like this is their community too. Mr. Quill noted he believed this is a good idea and an incentive for employees. Mr. Clancy noted he believed it would be a good idea, and they would be following the rules; they would launch their boat, take it off overnight, they're not docking it at a friend's house. There was discussion over the type of motorized watercraft, Mr. Maulden noted they would get one decal whether it be pontoon, fishing, or speed. Mrs. Hamilton asked if the employees would have to take the zebra mussel test and follow the cleaning procedure since they are taking the boat in and out of the lakes. Mr. Maulden noted that the employees would have to follow the same rules as everybody else.**

**Motion seconded by Mr. Clancy.**

**Motion passed unanimously.**

## **10. Commission Member Concerns:**

1. Rusty Morrison asked about suction cup flag on the operator side acting as the spotter, and he believes that is an issue. Mr. Maulden noted that the operator should not be acting as the spotter. Rusty noted that it is unsafe for people to be pulled behind the boat entering the marina. There was a discussion. Mr. Clancy asked Mrs. Bay to send out alerts on this topic just reminding everyone they can not be behind the boat because it is a safety issue. Mr. Quill noted that this should be taken to the Board to make this an official rule that boats entering the marina should have no one towed behind them whether on tube or rope. Mr. Maulden requested this be added to the agenda.
2. Mr. Sherman noted he believed that the boat patrol with purchased or rented high quality cameras could take pictures and help with the erosion study instead paying \$61,000. Mr. Clancy noted that he did not know if that was a discussion for the security commission. Mr. Sherman noted he did not think it should cost \$61,000 to run a drone around the lakes. Mr. Maulden noted that the drone alone was not \$61,000. Mr. Quill noted there was a lot more to the first year of the study than just the drone, Mr. Quill noted there would be lidar and other things. Mr. Sherman asked what the Cordry Lake residents are doing with their boats during the dam repairs and if the district was going to do anything to help. Mr. Clancy noted he did not believe that was for the commission to worry about. Mr. Quill asked if Mr. Sherman believed it was the Conservancy's responsibility to store boats during the dam repair. Mr. Sherman noted that lately there has been a lot of discussion about community, and it would be nice to offer these residents a temporary place to park their boats during the repairs. Mr. Clancy noted that what could be done is offer a list of storage facilities where their boats could be stored during the repair because it is not the Conservancy's responsibility to store their boats. Brenda Maulden mentioned that the Conservancy would be liable for the boats if something happened to the boats, and they were stored on Conservancy property. Mr. Sherman discussed the possibility of a CSCD marshal and if the commission should consider budgeting for a vehicle of the position. There was discussion of the age of the vehicles. Mrs. Bay noted that the 3 oldest patrol vehicles were sold on govdeals and they still had the 2021 Dodge Ram and the 2019 Durango. Mr. Maulden noted that the Board is discussing marshals. Mr. Clancy noted that if there are vehicles not being utilized then they should be sold.
3. Mr. Maulden discussed personal buoys. Mr. Maulden noted that there was discussion at past meetings if freeholders brought to the commission an area where a CSCD buoy should go because of dangerous shallow areas, sea walls, etc. then the commission would review that area and decide if a buoy was warranted. Mr.

Maulden noted that there had been two requests, and he had gone out and checked by both sea walls and the water was over 48” deep. Mr. Quill noted that its 4-feet now it may go down another foot and at that depth he didn’t believe a buoy would be needed.

4. Mrs. Brown discussed watercraft in the no wake zone pulling tubes and having more than two people on either the tube or the rope. Mrs. Brown noted she believes this is a real issue and a ticketable offense and suggested an alert be made about this as well because a lot of freeholders think the rule does not apply if they are in the no wake zone.

**11. Adjourn (9:08 PM)**

**MOTION: Mr. Clancy moved to adjourn, seconded by Mrs. Brown. Motion passed unanimously.**

DATE	NAME	ADDRESS	LOT	BOAT	LOCATION	OFFICER	VIOLATION/EDUCATION	ACTION TAKEN
4/18/2024	WM & SANDRA COUBERTSON	7988 DUCK CT	WS 491	2017 CHAPARRAL	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT	VERBAL
4/18/2024	MARK/MELINDA OSOWICK/CHEW	6552 GROUNDHOG	SW 328	2023 HURRICANE	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT	VERBAL
4/18/2024	WILLIAM & MAUREEN OWEN	6388 BUFFALO	SW 479	2001 CROWNLINE	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT	VERBAL
4/18/2024	THOMAS & JANE SMITH	7954 DUCK CT	WS 493	BENNINGTON	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT	VERBAL
4/18/2024	ROGER & MARLENE & JEREMY CAUDILL	7631 CORDRY DR	0EC 48	2018 TRACKER	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT	VERBAL
5/9/2024	RACHEL KILBY & ALEXANDER BAKER	6402 BADGER	0ES 546	STRATOS	SW	BRENT	ONLY ONE DECAL ON BOAT PUT OTHER ON TRAILER- INSTRUCTED BOTH TO BE ON BOAT	VERBAL
5/10/2024	SCOTT ECKERLE	7273 LION	SW 134C	LOWE	SW	MATT	HIGH SPEED TRANSITION FROM FAAST ZONE INTO NO WAKE ZONE	VERBAL
5/19/2024	CHRIS & ALLISON LONG	7942 DUCK CT	WS 496	2022 BAYLINER	SW	BRENT	YELLOW STICKER 0A71 NO LOT NUMBER ON HULL	VERBAL
5/19/2024	RICHARD & KELLY FENNELLY	7965 DUCK CT	WS 512	2022 YACHT CLUB	SW	BRENT	WHITE STICKER 1573 NO LOT NUMBER ON HULL	VERBAL
5/20/2024	CHARLES & MICHELLE SAWYER	6862 GREY WOLF	SW 242	CARAVELLE	SW	FRITZ	KAYAK MIDDLE OF SW STICKER 264	VERBAL
5/20/2024	SHANNON CONNER/GREGORY	8057 ELM	CF 16A & 17 OE BY TRACKER MAF		CORDRY	MATT	2 PADDLEBOARDS NO LIFE JACKETS	VERBAL
5/24/2024	ALAN & KETHELENE YOUNG	7478 HAW	CE 44	CROWNLINE	CORDRY	MATT	DECAL 1538 OKAY BUT NO LOT NUMBERS	VERBAL
5/25/2024	JOEL & ELIZABETH COS	7416 JAY	WS 346	CHAPARRAL	SW	MATT	DECAL 0330 7 POB ONLY & PFD/EDUCATED TO ATTACH CORD CORD BETWEEN HULL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/25/2024	GARONTAKOS	7082 MUSKRAT	SW 120	BENNINGTON	SW	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/25/2024	WILLIAM & MARY MICHALAK	6334 GROUSE	WS 437	NITRO BY TRACKER	SW	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/25/2024	DONALD & JERI LINE	6561 CHIPMUNK	SW 399	BAYLINER	SW	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/25/2024	HANNEGAN LLC	7958 CORDRY	CE 56		CORDRY	TOM	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/25/2024	SANDRA BOGRASS & DAVID FINNEGAN	7443 HONEY LOCUST	CD 48 & 49	AXIS	CORDRY	TOM	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/26/2024	WILLIAM & KENDRA YORK	7278 HALIBUT	K 11	COBALT	CORDRY	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
5/26/2024	MARK & JESSICA HENSLEY	7174 FLOUNDER	J 35	BENNINGTON	CORDRY	GREG	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/12/2024	BRYAN & DANIELLE CROWE	6980 OPOSSUM	SW 93	FOUR WINNS	SW	RUSTY	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/17/2024	DANIEL BUCKLES	7630 INDIAN CHERRY	CC 11		CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/8/2024	MERRICK WATKINS	6170 GROSBEAK	WS 464		SW	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/8/2024	JOSEPH & LORIAN MEEK	6923 EAGLE	WS 245		SW	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/8/2024	BENJAMIN & LISA HALLEY	7464 GINKO	CE 70B	MOOMBA	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/9/2024	TIMOTHY & KELLY MASTERSON	6568 ROBIN	WS 33	TIGE	SW	GREG	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/14/2024	JEFFREY ROMICK	6390 BASS	OWC 20	KAYAK	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/14/2024	JOHN & DARLENE CORBETT	7070 DRUM	I 66	PONTOON	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/14/2024	SHANIE PENNINGTON	7511 HICKORY	CD86C	PADDLEBOARD	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/14/2024	JEFFREY & LISA JONES	6874 GRIZZLY	SW 299	YAMAHA	SW	RUSTY	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/16/2024	JULIE & DANIEL DELAY	7695 INDIAN CHERRY	CC 17 A	PADDLEBOARD	CORDRY	TOM	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/16/2024	TODD & LYNETTE HEISLER	7881 OAK	AA 40	SEA RAY	CORDRY	TOM	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/21/2024	BRENDA LOCKHART	7800 PAW PAW	AA 33	CANOE	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
6/29/2024	CHARLES & MICHELLE SAWYER	6862 GREY WOLF	SW 242	CARAVELLE	SW	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/3/2024	ROGER LAW	8041 BASS	I 33	PONTOON	CORDRY	GREG	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/4/2024	KATHY & GREGORY HAYS	7225 HALIBUT	K 6	MASTERCRAFT	CORDRY	BRENT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/5/2024	ROBERT AUSTGEN	7009 EAGLE	WS 256	MASTERCRAFT	SW	TOM	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/5/2024	TJ & STEPHANIE SMITHEY	7398 HACKBERRY	CD 35	PONTOON	CORDRY	CATHIE	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/5/2024	TODD DURHAM	6957 MUSKRAT	SW 102	MASTERCRAFT	SW	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL
7/12/2024	JOHN & ANDREW O'GARA	6505 LOON	WS 284	SUP	SW	MATT	EDUCATED TO ATTACH CORD CORD BETWEEN KILL SWITCH & SELF/IA KEEP THROWABLE SEAT CUSHION IMMEDIATELY AVAILABLE	VERBAL

TICKET ISSUED -> SECURITY COMMISSION DOWNGRADED TO WARNING @ 7/9 MEETING

7/20/2024	GROUP OF LADIES	MULTIPLE FLOATS	SW	MATT	VERBAL
7/20	MARK & PATRICIA HEDEGARD	DF 55	CORDRY	MATT	GROUP OF LADIES TIED TO A CSDO BUOY SWEETWATER WAKE AFTER THEY UNTIED ENCOURAGED TO STAY CLEAR OF FAST ZONE
7/21	JAMES & JENNIFER TALLER	WS 500	CORDRY	RUSTY	STOPPED THEM IN IDLE ZONE BEFORE TAKE OFF HAD 4 PPL 2 ON TUBE 2 HOLDING ROPE
7/26	LANDERS & DAHLBERG	K 53	CORDRY	BRENT	OPERATOR WAS AGGRAVATED AND SAID NO ONE HAS TOLD THEM THAT BEFORE
7/27	DALE & VICKI HITE	WS 322	CORDRY	BRENT	SLIGHT DELAY IN RAISING FLAG
7/27	GEOFFREY HOREN	WS 133	SW	MATT	GUEST ON PADDLEBOARD NO PFD INSTRUCTED TO RETURN TO DOCK AND RETRIEVE
7/27	PATRICK & JILL NOLAN	WS 226	SW	MATT	PADDLEBOARD NO PFD DIRECTED BACK TO DOCK SLOW TO RAISE FLAG WHEN DEPLOYING TUBE
7/27	NICHOLAS & EVA HAUBRY	WS 61	SW	MATT	NO LOT NUMBERS ON WATERCRAFT NO LOT NUMBERS ON WATERCRAFT
7/29	CRAIG JONES	CF 16	SW	MATT	INCONSISTENTLY SHOWING FLAG PREPARING TO SWAP TUBERS
8/2	STEPHEN & CHEREE	SW 159	SW	MATT	INCONSISTENTLY SHOWING FLAG WHEN PULLING IN TUBE AND RIDERS AT END OF TUBING AFTER TRANSITING FROM FAST TO NO WAKE ZONE
8/3	MARK & SUSAN BOHWERT	SW 503	SW	MATT	GROUP OF LADIES CLOSE TO DOCK INSUFFICIENT NUMBER OF LIFE JACKETS RETURNED HOME TO OBTAIN CORRECT AMOUNT
8/3	STEPHEN & TERRI	7471 HONEU LOCLUST CD 43	CORDRY	BRENT	INCONSISTENTLY DISPLAYED FLAG WHEN DEPLOYING TUBE AND RIDER
8/3	LEWIS MAJERER	8173 BASS	CORDRY	BRENT	TOWING SOMEONE IN KAYAK AT IDLE SPEED AFTER YELLOW LIGHT DIRECTED THEM TO PULL CRAFT IN ON SURFBOARD BEHIND BOAT MORE TOWLINE SLACK THAN WAKE SURFING - COVERED WAKE
8/9	ANTHONY WEIS	7163 OPOSSUM	SW	GREG	COURSE
8/9	DALE PFEIFER	8157 BASS	SW	MATT	NO LOT NUMBERS
8/9	JEFF & KRISTA AVAGIAN	7405 GRIZZLY	CORDRY	BRENT	SKI BOAT SWAPPING TUBE RIDER INCONSISTENTLY DISPLAYING FLAG
8/10	MARVIN & MARY BRAMES	6873 EAGLE	SW	MATT	SLIGHT DELAY IN RAISING FLAG
8/10	DENNIS & LESLIE LAUCK	8441 ORIOLE	SW	MATT	FAILURE TO TURN RIGHT AND ENTER TRAFFIC PATTERN BEFORE CROSSING THE LINE OF TRAFFIC
					SLOW ON RAISING FLAG NOT CONSISTENTLY DISPLAYING FLAG WHILE SWAPPING OUT TUBERS



DATE	NAME	ADDRESS	LOT	BOAT	LOCATION	OFFICER	VIOLATION
5/27/2024	SCOTT ECKLER	7273 LION	SW 124C	LOWE	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT
5/11/2024	CHRIS & AJUDA BUCAMAN	2996 LION	SW 164	MAJUBI	SW	RUSTY	NO FLAG WHILE WAKING UP
5/19/2024	TROY & CHERY RIVERA	6247 SWEETWATER	SW 523	BERISHIRE	SW	BRENT	DOING DONUTS
5/24/2024	DAVID CROSS	6546 BEAVER	OBES 524	FISHING BOAT	SW	BRENT	EXPIRED DECALS
5/24/2024	WILLIAM & MELISSA YORK	7174 FOUNDER	J 35	BENNINGTON	CORDDY	BRENT	3 ON A TUBE
5/24/2024	WILLIAM & MELISSA MILLON	7278 HALIBUT	K 11	COBALT	CORDDY	BRENT	CREATING WAKE DURING NO WAKE #B
5/25/2024	WILLIAM & TERRI BULLERDOCK	7417 HELLCOCK	CE 12	MOTORIZED	CORDDY	BRENT	NON MOTORIZED NO DECALS
5/25/2024	KIMBERLY HOFELUCH	7710 ELK	OBES 121	KAYAKS	SW	RUSTY	NO PFD ON WATERCRAFT 2 KAYAKS NO DECALS OUT IN MIDDLE NO LIFE JACKETS TOLD THEM TO RETURN TO DOCK GET LIFE JACKETS & WHITE FLASHLIGHT OR EQUIVALENT SINCE NO LIGHTS AFTER SUNSETING RED THROWABLE - ESCORTED BACK TO THEIR COVE NO PFD ON WATERCRAFT 3 ON A TUBE
5/26/2024	DAVID & LEIGH POWELL	6510 OSPREY	WS 141	PEDDLE BOAT	SW	MATT	DECAL 0988 DOCKED OVERTIGHT AND MULTIPLE DAYS ON SHORE LOT. NEITHER LOT # OR PFD ON WATERCRAFT PRESENT (FOLLOW UP FROM LAST WEEK)
5/26/2024	JARRET & HEATHER WANDREI	8000 CADALFA	G 21	REGAL	CORDDY	MATT	TOLD SW 369 NOT TO CREATE WAKE IN NO WAKE ZONE. HE WAS RECEPTIVE.
5/26/2024	MELISSA SHUPPERT	7658 HEATHER	CC 57		CORDDY	MATT	NOT DISPLAYING FLAG WHEN SOMEBODY WAS IN THE WATER WHEN TUBING
5/26/2024	MICHAEL & KIM RUSSELL	8143 BASS	I 23		CORDDY	MATT	FROM FAST LANE MAKING A WAKE
5/26/2024	CYNTHIA WRIGHT	6334 BEAVER	OBES 43	LUND	SW	BRENT	NOT USING FLAG WHILE SKIER IS IN WATER
5/26/2024	MICHAEL & ANDREA WEBSTER	6988 GOPHER DR	SW 369	MASTERCRAFT	SW	BRENT	2 PADDLEBOARDERS NO PFD AND ONE DID NOT HAVE LOT #S
5/12/2024	RICHARD & DENISE JACKSON	7388 JAY	WS 352-354	PONTOON	SW	RUSTY	NO PFD ON KAYAK
6/2/2024	LARRY & RITA JAMIESON	6599 GOPHER	SW 353	BAJA ISLANDER	SW	MATT	NO PFD ON WATERCRAFT
6/2/2024	SCOTT & CATHY NICKERSON	6292 HERON	WS 422	MOONBA	SW	RUSTY	NO PFD ON WATERCRAFT
6/7/2024	RYAN & HEATHER SINGLETON	6971 EAGLE	WS 249A	PADDLE BOARD	SW	GREG	NO PFD ON WATERCRAFT
6/7/2024	DWIGHT JARRETT	6342 BADGER	SW 509	KAYAK	SW	RUSTY	NO PFD ON WATERCRAFT
6/8/2024	BENJAMIN & LISA VALLEY	7464 GIMCO	CE 705	MOONBA	CORDDY	BRENT	NO PFD ON WATERCRAFT
6/9/2024	TIMOTHY & KELLY MASTERSON	6568 ROBIN CT	WS 33	TIGE	SW	GREG	NO PFD ON WATERCRAFT
6/14/2024	MANNING TRUST	8207 ALDER	G 65	KAYAKS	SW	BRENT	NO DECALS ON WATERCRAFT
6/14/2024	ADAM PEINE & SPENCER GROFF	7906 FOREST	CD 14	KAYAK	CORDDY	BRENT	NO PFD ON BOARD 2 PERSON KAYAK
6/14/2024	DAVID & SARA COBB	7385 HUMMINGBIRD	WS 373	REGAL	SW	RUSTY	GOING TO FAST DURING YELLOW LIGHT
6/14/2024	JOHN BOWEN	6480 OSPREY	WS 146	PONTOON	SW	RUSTY	GOING TO FAST DURING YELLOW LIGHT. ALSO GOING TO FAST WHILE ON POT LOT #S ON THEIR WATERCRAFT
6/14/2024	ROBERT JONES	6746 SUNSET	SW 41	KAYAK	SW	RUSTY	NO PFD ON WATERCRAFT
6/15/2024	DALE & ANITA SEARS	7638 HEATHER	CC 54	PONTOON	CORDDY	TOM	DOING DONUTS TWICE WHILE PULLING TUBERS
6/15/2024	STEVE HURLE	7632 HEATHER	CC 55	TEGAL	CORDDY	TOM	DOING DONUTS TWICE WHILE PULLING TUBERS
6/15/2024	GARY ECKSTEIN	6727 GREY WOLF	SW 218	COBALT	SW	GREG	ERRATIC DRIVING
6/16/2024	JOSE GRAY	7162 LION	SW 189	KAYAK	SW	RUSTY	NO PFD ON WATERCRAFT
6/16/2024	LAUREN & JACQUELINE MREY	7315 SALMON LAKE	E 3	KAYAKS	CORDDY	BRENT	NO PFD ON WATERCRAFT
6/16/2024	JOHN & ANGELA ADAMS	7254 HALIBUT	K 10	PONTOON	CORDDY	TOM	NO PFD ON WATERCRAFT
6/16/2024	JUSTIN & ALISHA PEKETE	8215 ALDER	G 84	PONTOON	CORDDY	TOM	EXPIRED DECALS
6/16/2024	CHERYL & JP RICH	7122 FOUNDER	J 28	PONTOON	CORDDY	TOM	EXPIRED DECALS
6/16/2024	MARVIN & MARY BRAMES	6873 EAGLE	WS 240	PONTOON	SW	RUSTY	EXPIRED DECALS
6/16/2024	BRYAN & MARIA BEDFORD	6377 BUFFALO	SW 474	CHAPARRAL	SW	BRENT	EXPIRED DECALS
6/16/2024	MEGAN & DREUX BRYNS	7029 HERON	WS 417	PONTOON	SW	BRENT	EXPIRED DECALS
6/16/2024	ROBERT AUSTGEN	7009 EAGLE	WS 256	PONTOON	SW	BRENT	EXPIRED DECALS
6/16/2024	ANTHONY DAILY	6534 OSPREY	WS 139	GLASTRON	SW	BRENT	EXPIRED DECALS
6/16/2024	JESSE CROSS	6793 EAGLE	WS 232	STARCRAFT	SW	GREG	EXPIRED DECALS
6/16/2024	CHRISTOPHER MOTT	7255 HAL-BERRY	CD 27	PONTOON	CORDDY	CARME	EXPIRED DECALS- REFUSING TO COMPLY
6/16/2024	BRETT MCGERMOTT	7255 HAL-BERRY	CD 27	PONTOON	CORDDY	RUSTY	EXPIRED DECALS
6/16/2024	ERNEST & SUZANNE HOBETS	7363 LION	WS 311	BAJIBOAT	SW	BRENT	EXPIRED DECALS
6/16/2024	TIMOTHY & KELLY MASTERSON	6598 ROBIN	WS 32	TIGE	SW	MATT	STANDING ON REAR PLATFORM WHILE TOWING TWO TUBES IN NO WAKE ZONE
6/17/2024	JENNIFER & DAVID HELD	6232 BOB WHITE	WS 535	MASTERCRAFT	SW	FRTZ	WAKE SURGING OUT OF ZONE & NO LOT NUMBERS
6/22/2024	KEVIN & MAUREN BARR	6524 GROUNDHOG	SW 336	SW SUPREME	CORDDY	FRTZ	EXPIRED DECALS
6/23/2024	ROBERT & RUTH MASSINGALE	6960 GOPHER	SW 372	KAYAK	SW	RUSTY	EXPIRED DECALS
6/23/2024	JENNIFER & LAUREN BRIDGEWATER	6714 FOX DRIVE	SW 379	REGAL	SW	BRENT	EXPIRED DECALS
6/23/2024	KEVIN & LAUREN BRIDGEWATER	6715 SALMON	K 73	BAJIBOAT	CORDDY	BRENT	CREATING WAKE IN NO WAKE ZONE
6/24/2024	VERN & MARY HAUZ	6517 ALDER	H 1	FOUR WINNS	CORDDY	CATHIE	3 ON A TUBE IN NO WAKE ZONE
6/28/2024	KENNETH & LUCINDA CARR	6402 BUFFALO	SW 482/483	STARCRAFT	SW	RUSTY	NO FLAG WISKER DOWN
6/29/2024	KATHERINE & JAMES MARTIN	7168 CEDAR	G 38	REGAL	CORDDY	BRENT	EXPIRED DECALS
6/29/2024	MIKE & ANNE FINNEGAN	7162 SUNSET	SW 125	CHAPARRAL	SW	RUSTY	EXPIRED DECALS
6/29/2024	JEFFREY & LISA JONES	6674 GRIZZLY CT	SW 289	YAMAHHA	SW	RUSTY	DOING DONUTS
6/29/2024	WENDY & LINDA THEODOR	7622 HARBOR	CE 66	CARANELLE	CORDDY	RUSTY	DOING DONUTS
6/29/2024	DEAN & SUZIE SHEPHERD	7456 HEATHER CT	CD 7	KAYAK	CORDDY	RUSTY	DOING DONUTS
6/29/2024	CHARLES SADLER JR	7185 GROUPEE	J 95	BENNINGTON	CORDDY	RUSTY	STANDING IN FRONT OF THE PONTOON
6/29/2024	TIM & ANGELA HUFFMAN	6475 CHIMPUNK	SW 407	JOHN BOAT	SW	BRENT	OUTSIDE OF THE GATE WHILE UNDERWAY
7/2/2024	TREVOR JOHNSON	7652 LION	OBES 11	PONTOON	SW	FRTZ	NON MOTO DECAL ON A 30 HP OUTBOARD
7/4/2024	ELBERT & MARY DAVIDSON	6427 BUFFALO	SW 457	RANGER	SW	RUSTY	3 ON TUBE NOT LOT #S
7/4/2024	MICHAEL & TERESA STEPHENS	7205 HALIBUT	K 27	KAYAK	CORDDY	BRENT	3 ON A TUBE
7/4/2024	JESSICA & MATT ALBROUGH	7314 GRIZZLY	SW 230	KAYAKS & PADDLEBOAT	SW	RUSTY	3029 DECALS ON KAYAK-EXPIRED
7/5/2024	JOHN & BETH PARRIS	7090 LION	SW 183	(STAND UP) PADDLEBOAT	CORDDY	MATT	NO PFD ON BOARD KAYAK OR PADDLEBOARD
7/5/2024	STEVEN & NANCY RANEY	7870 MAPLE	BB 3	PONTOON	CORDDY	BRENT	LONG DISTANCE RIDER
7/5/2024	BRENT ENDERLE	7514 HONEY LOCUST	CD 60	PADDLEBOAT	CORDDY	BRENT	NO SPOTTER PRESENT WHILE TUBING

DOWNGRADED TO WARNING

DATE	NAME	ADDRESS	LOT	BLDG	HAZ	LOCATION	OFFICER	VIOLATION
5/2/2024	SCOTT ECKLER	7273 LION	SW 134C	LOVE	SW	SW	BRENT	CREATING WAKE DURING YELLOW LIGHT 3 QUESTS TRAVELING LONG DISTANCE ON BUP NO LIFE JACKETS, NO LOT #S
7/5/2024	CHARLES & MICHELLE SAWYER	6862 GREY WOLF	SW 242	STAND UP PADDLEBOA	SW	SW	MATT	FLAG NOT DISPLAYED WHILE 2 PERSONS ON SINGLE TUBE WERE ROPED CLOSE TO BOATS PORT QUARTERBOAT & TUBE APPROX 50 FT FROM EACH OTHER. FLAG WAS NOT CLOSED APPROX 10 FT AWAY THE FLAG WAS FINALLY RAISED. NOTED BOAT WAS CLOSE TO BODY BUT IN FAST ZONE
7/5/2024	CHRIS S. AUDRA BUCKMAN	7095 LION	SW 164	4011BI	SW	SW	MATT	WAKEBOARDING IN OPPOSITE DIRECTION OF EXPIRED DECALS
7/6/2024	KETH CEREAR	6476 RAIEN	OWS 804	FOUR WANS	SW	SW	MATT	EXPIRED DECALS
7/6/2024	MICHAEL & ANGELA WALSH	8425 LION	WS 263	KAYAK	SW	SW	BRENT	EXPIRED DECALS
7/6	JACKIE & CYNTHIA BENNETT	7944 DUCK	WS 485	PONTOON	SW	SW	RUSTY	EXPIRED DECALS
7/6	JOSEPH INDIANO	6172 BOWWHITE	WS 542	PONTOON	SW	SW	BRENT	UNDERAGE DRIVE AT THE HELM
7/6	GERALD & CAREY BROSNER	7014 EAGLE	WS 161	PONTOON	SW	SW	RUSTY	EXPIRED DECALS
7/6	CHRISTOPHER & SUE LLEN MCF 6250	GROSBREAK	WS 458	KAYAKS	SW	SW	RUSTY	EXPIRED DECALS
7/11	TODD & PAULA GATES	7095 MCHINCRIBD	WS 171	GLASTRON	SW	SW	BRENT	FAILURE TO RAISE SIGNAL FLAG
7/12	JAMES & LA DONNA MOLDER	7868 NETTLE	AA 59	BAYLINER	CORDRY	CORDRY	BRENT	TOWING 2 SEPARATE TUBES, NO SPOTTER ON BOARD
7/12	JAMES ASHORE	WS 459	WS 459	PONTOON	SW	SW	RUSTY	PULLING 3 ON A TUBE
7/13	KEITH & JULIE GANTNER	8536 OWL	WS 373	YAMAHA	SW	SW	RUSTY	EXPIRED DECALS
7/13	BRIAN & REBECC MCCOY	6405 DUAL	WS 87	YAMAHA	SW	SW	RUSTY	BOAT WAS AWAY
7/15	TERRY & PATRICIA BALKO	7988 HACKBERRY	CE 48	PONTOON	CORDRY	CORDRY	FRITZ	3 ON A TUBE
7/16	STEVE & MARY MALONE	6386 BUFFALO	SW 481	PONTOON	SW	SW	BRENT	EXPIRED DECALS MORE THAN 2 YEARS OLD
7/18	JAMES SMITH TRUST	6272 GROSBREAK	WS 454	PADDLEBOAT	SW	SW	BRENT	BOAT FLOATING ON WATER NOT RAISED AT A DOCK
7/18	SHARON SIMPSON	6678 GROUNDHOG	SW 341	PADDLEBOAT	SW	SW	BRENT	DECALS NOT RAISED TIED OFF TO DOCK BUT FLOATING IN WATER
7/18	DAMIAN & DAVID MARLEN	6880 EAGLE	WS 199	ROW BOAT	SW	SW	BRENT	NO DECALS ON WATERCRAFT TIED OFF DOCK
7/18	MARY JO LOWE	6982 EAGLE	WS 196	NON MOTORIZED	SW	SW	BRENT	FLOATING IN WATER
7/18	ROBERT & PAULA ROSSMAN	6551 OWL	WS 103	KAYAKS	SW	SW	BRENT	EXPIRED DECALS TIED OFF BUT FLOATING IN WATER
7/19	SHARON SIMPSON	6678 GROUNDHOG	SW 341	PONTOON	SW	SW	BRENT	2 BLUE KAYAKS IN WATER TIED OFF NO DECALS/1 RED & 1 YELLOW KAYAK TIED OFF IN WATER EXPIRED DECALS
7/19	JEREMY & JAMIE ROSCOE	6586 GROUNDHOG	SW 332	KAYAK	SW	SW	BRENT	SEVERAL EXPIRED DECALS TIED OFF BUT FLOATING IN WATER
7/19	SUSAN BUTCHER	6513 CHIPMUNK	SW 403	KAYAK	SW	SW	BRENT	DECALS/1 RED & 1 YELLOW KAYAK TIED OFF IN WATER EXPIRED DECALS
7/19	JOSEPH & JANE GARDNER	6441 ROBIN	WS 28	SEA RAY	SW	SW	MATT	SEVERAL EXPIRED DECALS TIED OFF BUT FLOATING IN WATER
7/19	STEVEN YORK	6583 ROBIN	WS 59	BAYLINER	SW	SW	BRENT	2 BLUE KAYAKS IN WATER TIED OFF NO DECALS/1 RED & 1 YELLOW KAYAK TIED OFF IN WATER EXPIRED DECALS
7/20	MICHAEL & SUSAN NEED	6540 GREY WOLF	SW 240	PONTOON	SW	SW	BRENT	KAYAK NO DECALS (SAID THEY WERE GUESTS BB MAILED COPY)
7/20	JAMES & SUSAN DONNELLS	7092 FOUNDER	J 23	PONTOON	CORDRY	CORDRY	RUSTY	KAYAK WITHOUT DECALS
7/20	GARY & JOY ALBERS	7348 CORDRY	AA 19	PADDLEBOAT	CORDRY	CORDRY	RUSTY	KAYAK RAISED AT END OF TUBING RIDE NOR WAKE TUBE INTO BOAT TO SWAP OUT RIDE
7/20	WILLIAM OSWALT	7418 HEALOCK	CE 15	2 KAYAKS	CORDRY	CORDRY	RUSTY	WAKE AFTER YELLOW LIGHT
7/20	JAMES TANNER	7215 GROUPEE	J 52	MASTERCRAFT	CORDRY	CORDRY	RUSTY	STANDING ON BOW OF THE PONTOON BOAT WAKE UNDER WAKE TUBE TIED OFF EXPIRED DECALS
7/20	KYLE & MIRANDA ROBERTS	6386 OSPREY	OWS 659	TRACKER	CORDRY	CORDRY	RUSTY	2 KAYAKS NO PFDS OR LOT NUMBERS STANDING ON BOW OF THE PONTOON BOAT WAKE UNDER WAKE TUBE TIED OFF EXPIRED DECALS
7/21	7448 JAY LLC	7448 JAY DRIVE	WS 343	MASTERCRAFT	SW	SW	BRENT	NOT DISPLAYING FLAG WHILE TUBERS WERE IN WATER
7/21	MARTY BETH WIGERLE & HIGHA 7102	LION	SW 185	PONTOON	SW	SW	RUSTY	NOT DISPLAYING FLAG FOR LONG PERIOD OF TUBING
7/21	JOHN & TAMMIE STRIELEWIEB 0	BAUGER	CE3 334	TRACKER	SW	SW	RUSTY	INSTRUCTED BOATER ON PROPER COURSE & PROCEDURE
7/23	MARK & PATRICIA HEBCARD	7283 ELM CT	DF 58	REGAL	CORDRY	CORDRY	CATHIE	EXPIRED DECALS
7/23	JOHN EHRMANN	6333 JAY CIRCLE	WS 328	PONTOON	SW	SW	RUSTY	EXPIRED DECALS AS 723 SPOKE TO OWNER ON 7/23 NO LIGHTS ON BOAT, PULLING ROPE WITH 5 KIDS
7/27	MICHAEL & TEREESA STEPHENS	7205 HALIBUT	K 27	CHAPARRAL	CORDRY	CORDRY	BRENT	MINOR (12) OPERATING WATERCRAFT 3 ON A TUBE
7/27	BARBARA HABEL	6299 BLUEBIRD	WS 546	KAYAK	SW	SW	RUSTY	NO PFDS ON KAYAK
7/27	CORY DELP	6866 LEMUR	SW 193	PONTOON	SW	SW	RUSTY	NOT USING FLAG WHILE TUBER IS IN WATER NOT USING FLAG WHILE PERSON IS IN THE MIDDLE OF SWIFT ZONE
8/2	SUZANNE BUTCHER	6513 CHIPMUNK	SW 403	PADDLEBOARDS	SW	SW	MATT	NOT USING FLAG WHILE TUBER IS IN WATER NOT USING FLAG WHILE PERSON IS IN THE MIDDLE OF SWIFT ZONE
8/3	DANIEL & ELIZABETH WEEB	6469 DUAL	WS 90	CROWNLINE	SW	SW	RUSTY	WATER WHEN WAKEBOARDING
8/4	TODD & PAUL GATES	7095 MCHINCRIBD	WS 171	GLASTRON	SW	SW	MATT	NOT FOLLOWING COUNTER CLOCKWISE PROCEDURE
8/3	GES MANAGEMENT	7910 DUCK	WS 567	SPEED	SW	SW	MATT	FLAG NOT DISPLAYED AT END OF WAKEBOARDING RIDE
8/4	ANTHONY & SUSAN FERRAND	7796 PAV PAV	AA 25	KAYAK	CORDRY	CORDRY	BRENT	EXPIRED DECALS- GUEST OF LOT OWNERS SITTING ON BACK OF BOAT WHILE UNDERWAY
8/4	MICHAEL & SHANNON BAUN	6544 WABLER	WS 9	YAMAHA	SW	SW	RUSTY	PULLING SHIER FLAG NOT DISPLAYED WHEN CIRCLING WHILE TUBING LONGER THAN 15 SEC
8/4	DON & AMY LYON	7498 CORDRY	AA 82	MASTERCRAFT	CORDRY	CORDRY	CATHIE	NOT DISPLAYING FLAG FOR LONG PERIOD OF TUBE WHILE SHIER WAS DOWN
8/6	MIKE CUNNINGHAM & PATRICK 18344	GROUSE	WS 436	TANOE	SW	SW	FRITZ	TIRE WHILE SHIER WAS DOWN
8/6	ERNEST & SUSAN KOBETS	7383 PIMA	WS 311	BAYLINER	SW	SW	MATT	FLAG NOT DISPLAYED AT END OF INFLATABLE RIDE
8/6	ROBERT ELSNER	6422 COUGAR	WS 438	REGAL	SW	SW	RUSTY	NO SPOTTER WHILE TUBING
8/10	ERNEST & SUSAN KOBETS	7383 PIMA	WS 311	BAYLINER	SW	SW	RUSTY	NO PFDS ON WATERCRAFT
8/10	STEPHANIE LAMBERT	6997 CHIPMUNK	SW 395	KAYAK	SW	SW	RUSTY	NEVER DISPLAYED FLAG WHEN RIDER FELL OFF PASSENGER STOOD ON BACK OF BOAT
8/10	CORBETT FAY TRUST	6724 GOPIER	SW 377	SPEED	SW	SW	MATT	BOAT TOWING 3 PERSONS IN NO WAKE ZONE

MAILED TICKET

MAILED TICKET

MAILED TICKET

Cordry Sweetwater Conservancy District  
Water Commission Meeting Minutes  
August 8th, 2024  
CSCD Office

**\*\*\*These minutes are not official until approved by the Water Commission\*\*\***

**Present:** K. Brasseur, D. Caudill, A. Parris,

**Absent:** K. Short (CSLOA), T. Kuhn

**Guests:**

**Call to order:** K. Brasseur called the meeting to order at 5:20 p.m.

**Agenda Modifications:** None

**Freeholder Concerns:** None

**Minute Approval:** July 11<sup>th</sup> minutes approval, Motion by D. Caudill, seconded by A. Parris, Unanimous approved.

**Financials:** Year end review completed by Horizon. Nothing significance of note... thankful it is done. Water purchase amount has gone down as a percent to revenue. (good) Cash vs. accounts payable balance is good vs last year. We are now, after the price increase, operating in the black again.

**Water Operator Report:** Josh – Rule book updates in progress. Replaced 3 service lines this month w/ 6 more schedule for next week. Repaid 9 water leaks July. ~52% water loss.

**Old Business:**

- A. 7246 Cordry Dr. – water committee would recommend that we compensate freeholder for damages caused by water in the amount of \$10,000 for expenses incurred and crediting their water bill by approximately \$200 for water usage. Motion made by Aaron P. seconded by Denise C. Unanimous approval.

Which will presented to the CSCD board for approval.

**Long Term Projects:**

- A. Update Water Department Rules Book – water utility book from 2008. Committee members and CSCD staff to review see if changes are warranted. Josh is working on it will submit to committee for review.

**New Business:** None

**Water Commission Member Concern/Comments:** None

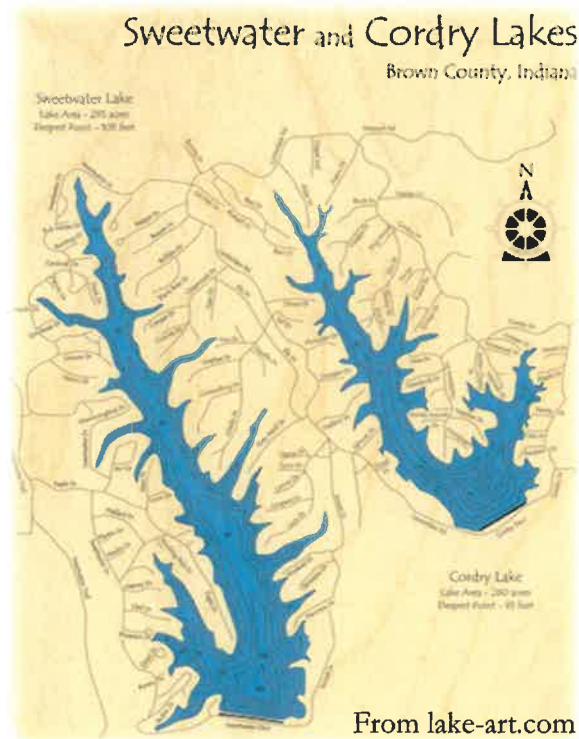
**Adjournment:** Motion to adjourn made by D. Caudill seconded by A. Parris at 5:40p.m. Motion passed unanimously.

**Next Meeting:** September, 12<sup>th</sup>, 2024, at 5:15 p.m. at the CSCD Office.

Respectfully submitted by: Aaron Parris



Lakeshore erosion in Sweetwater Lake and Cordry Lake, Brown County, Indiana:  
An assessment of the effects of boat wave action on shoreline stability



Prepared for

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## UNDERSTANDING THE ASSIGNMENT

Ecosystems Connections Institute was requested to provide a proposal to the Cordry-Sweetwater Conservancy District that would address concerns relative to the effects of boat wave action. Cordry Lake, 160-Acres, and Sweetwater Lake, 275-Acres, were created by earthen dams. Each lake is in the Norman Upland Physiographic region that is characterized by rugged topography and high relief just south of the southern extent of the Wisconsin Glacier. The lakes were built covering the underlying siltstone of Mississippian age and have a well-protected and forested watershed. The lakes are relatively deep with excellent water quality. Both lakes are privately owned with an estimated 1,700 lots across both lakes. Recreational use of the lakes is important to those in the community around the lakes and over the recent past concerns have been raised over the increase in motorized watercraft and the large waves from wake boats. The Cordry-Sweetwater Conservancy District asked ECI to prepare an adaptable study design to better understand the surface waves, wave energy dispersion, and wave attenuation from various boat types and the effect of wave action on the surrounding shorelines and docks. The goal of the study is to be an independent research initiative to produce targeted, unbiased data related to characterization of boat-generated waves and to document ecological effects associated with the boat waves.

The Cordry-Sweetwater Conservancy District Board provided ECI with the following study questions.

1. Is there erosion occurring on either lake?
  - a. What is the largest contributing factor to erosion?
  - b. Is there a particular sport or boat that contributes the most to erosion?
  - c. What actions should be taken to reduce erosion?
  - d. What could potentially happen if nothing is done?
2. What effect if any, does wake surfing pose to current dock structures, shorelines, and lake bottom?
3. With concern for both lakes in the district should wakesurf boats be allowed.
  - a. If yes, how far from shore should wake surfing activity be allowed?
4. Is there a difference between a wave from wake surfing and plowing vs tubing and ski activities?

\*Note: All testing should be done assuming that wake surfing is conducted under current regulations set forth by the district.



## TASK

Task 1. Complete a review of the scientific literature and “white papers” that have focused on the effect of boat waves, bank erosion on lakes, and can provide regulatory guidance.

Cost: \$6,500

Task 2. Create a general assessment of the entire shoreline of Cordry Lake and Sweetwater Lake using Matrice 350 RTK w/LiDAR and Photogrammetry to identify priority sites and to serve as a baseline dataset for future assessments. It is proposed to complete this survey twice over the study period of three years. Cost for each lake: \$9,500 (Total=\$19,000/flight)

Task 3. Use identified high priority sites (about 100-m in shore length/site) to complete:

- A. Detailed LiDAR survey and bathymetric map of the nearshore area.
- B. Install shoreline transects using a series of fence posts that will be placed perpendicular to the shoreline. The latitude and longitude position of each post will be determined and distances between each will be measured relative to the shoreline. This approach along with “item A” will allow quantification of the extent of bank erosion and/or accumulation of sediment. Measurements will be taken annually over a three-year period.
- C. Document damage to piers through use of the images from Task 2.
- D. Cost: for each lake: \$6,500/site/year (includes all data processing).

Task 4. Install a remote wave sensor unit that will measure wave height, wave period, wave direction, and wave period energy. Data from each sensor will be available on a live feed website created by and maintained by ECI. Cost per sensor: \$19,500/year

- A. Select a portion of shoreline in Sweetwater Lake approximately 300-feet long as the study site for the wave sensor experiment, detailed LiDAR survey, shoreline erosion monitoring, and to complete a bathymetric map perpendicular to the shoreline that will extend from the study site across the lake from the shoreline. An Acoustic Doppler Current Profiler (ADCP) will be used to make the bathymetric map transect.
- B. One Sea View SVS-603HR wave sensor will be held in place near shore (distance from shore to be determined). The sensor will record:
  - a. Wave height, Feet
  - b. Wave Period, Seconds
  - c. Wave Direction, Degrees
  - d. Wave Energy Period, meters/squared/second
- C. Two pipes will be driven into the lake substrate. One pipe will be secured at approximately 2-feet of water depth and one set at approximately 6-feet of water depth. Each post will have a Campbell Scientific pressure transducer securely attached. The pressure transducers will be programmed to measure water depth above the transducer once each 1.5-Seconds.



- D. Research suggests a wakesurf boat wave requires 500-feet to attenuate to the same wave size and energy from a ski boat wave. We propose track distances from the Wave Sensor to be 10-feet, 50-feet, 125-feet, 250-feet, 500-feet.
- E. Data from a vertical temperature and Dissolved Oxygen Profile will be collected before and at the conclusion of the experiments.
- F. Fence posts will be installed perpendicular to the shoreline beginning 2-feet from the edge of bank in the water followed by a post 10-feet and 20-feet. Survey grade GPS will be used to accurately document each post position.

Task 5. Write an understandable and pragmatic final technical report about the study findings along with recommendations. This task also includes annual progress reports, on-site meetings and/or computer meetings. Cost: \$9,500

Task 6. Submit quarterly reports to the Cordry-Sweetwater Conservancy District. Quarters will begin at the start of the study.



## BUDGET

Project Tasks	Year 1	Year 2	Year 3	3 Year Total
Task 1	\$6,500	-	-	\$6,500
Task 2	\$19,000 (\$9,500/ lake)	-	\$19,000 (\$9,500/ lake)	\$38,000
Task 3	\$6,500	\$6,500	\$6,500	\$19,500
Task 4	\$19,500	\$19,500	\$19,500	\$58,500
Task 5	-	-	\$9,500	\$9,500
Task 6	-	-	-	-
<b>Total</b>	<b>\$51,500</b>	<b>\$26,000</b>	<b>\$54,500</b>	<b>\$132,000</b>

## PAYMENT TERMS

Invoices will be created and sent once annually in the month of July for \$51,500 Year 1, \$26,000 Year 2, and \$54,500 Year 3.





PROPOSAL ACCEPTANCE

THIS PROPOSAL REFLECTS FEES FOR PROFESSIONAL SERVICE AND ACCEPTED BY THE DESIGNATED PROJECT LEAD AGENCY OR GROUP

Signature: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Respectfully submitted by



Jerry Sweeten and the ECI team of Herb Manifold, Kyle Boone, James Heimlich, and Melinda Sweeten (President)



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