



Cordry-Sweetwater Conservancy District

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

Board of Directors Meeting Agenda June 18th, 2024, 7:00 PM @ CSLOA Also available online live at www.cscd-in.org

1. Welcome & Pledge of Allegiance
2. Agenda Modifications
3. Approval of Minutes:
 - a. May 21st Board Meeting Minutes
4. Scott Peterson
5. Freeholder Concerns: (Please limit time to three minutes)
6. 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
7. Commission/Committee Reports:
 - a. Building- Pat Sherman
 - i. Building Applications
 - ii. Dredging Requests
 - iii. Variance Request
 - b. Ecology- Randy Brumfield
 - c. Roads -Mark Rasdall
 - d. Security -Jim Maulden
 - e. Water- Aaron Parris
8. Old Business
 - a. **Cordry Wake Surfing Course Map**
9. New Business
 - a. Public Hearing on Additional Appropriations (Resolution 2024-11)
10. Board Member Concerns/Comments
11. Adjourn

Cordry-Sweetwater Conservancy District
Board of Directors Meeting
May 21st, 2024

“DRAFT MINUTES UNTIL APPROVED”

1. **Board Members Present:** Aaron Parris, Randy Brumfield, Pat Sherman, 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 13 freeholders in attendance & numerous online viewers.
4. **Welcome:** Mr. Leavitt called the meeting to order at 7:03 PM
5. **Agenda Modifications:**
 - a. Mrs. Bay requested to add line items 5. b. i Vehicle Bids, 5. b. ii Christopher Burke Amendment, and 7.b Wake Boats.

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 April 16th, Board Minutes as submitted, seconded by Mr. Rasdall. Motion passed unanimously.

MOTION: Mr. Parris motioned to approve April 23rd Special Session Board Minutes as submitted, seconded by Mr. Sherman. Motion passed unanimously.

7. **Freeholder Concerns:**

- a. Carrie Vavul (OES 333) thanked everyone who helped with the Nineveh Road Clean up; thanked Allison Randolph for spearheading this. Mrs. Vavul noted that it went past the Dollar General.
- b. Marcia Harper noted that as many already know her and Greg have discussed at security meetings for many years the danger of boaters coming in hot past the no wake area. Mrs. Harper noted as far back as 2020 she began bringing video of every kind of boat coming in hot to the cove far past the no wake area. Mrs. Harper noted to her knowledge not one boater

has been given a ticket for disregarding the no wake area. Mrs. Harper noted that many people have personal buoys up to protect their family and property from boaters who ignore the no wake area. Mrs. Harper noted that she felt boat patrol was still not dealing with the issue that caused many people to put personal buoys out in the first place, and now the people who have these buoys out are being threatened with a ticket for not pulling them in at night. Mrs. Harper discussed an orange buoy that was previously there when they purchased the property. Mrs. Harper noted that she would like to formally request for a CSCD buoy to be put in place of her personal buoys which would alert freeholders of the shallow area. Mrs. Harper noted that this served as notice to the Board of this hazard and their request that the Board start taking responsibility for this hazard as well as others on the lake being marked and made known to other freeholders. Mrs. Harper noted that she sent pictures to the Board of what could be the solution with her type of buoy and having it marked shallow; and gave the website information. Mrs. Harper noted that they kept their personal buoys in place last year after a Board member told her to disregard the letter, they received about pulling their buoys in. Mrs. Harper noted that they have received conflicting information on this topic, and now there is the threat of a ticket. Mrs. Harper noted that they will remove their buoys by May 22nd, and she will be giving the Board a copy of her statement to include in the minutes. Mrs. Harper noted there were other freeholders with the same issue.

8. Management Reports:

a. Director of Finance & Administrative:

1. Mrs. Bay summarized the fund report. The current balance is \$3,126,737.72.

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

2. Mrs. Bay summarized the appropriation report and monthly claims list. The monthly claims total is \$322,711.77. The unexpended remaining balance for 2024 is \$1,607,880.93 or 77.13%.

MOTION: Mr. Parris motioned to approve the monthly claims subject to audit; seconded by Mr. Brumfield. Motion passed unanimously.

b. Director of Operations

1. Mrs. Bay summarized Mr. Johann's report.

- i. Vehicle Bid

- i. Mrs. Bay noted the 2017 Durango was relisted on gov deals and the bid came in higher than the reserve at \$7,600. There was discussion on this being more than the previous bid.

MOTION: Mr. Rasdall motioned to approve and accept the vehicle bid for \$7,600, seconded by Mr. Parris. Motion passed unanimously.

ii. Christopher Burke Cordry Lake Spillway
Reconstruction Amendment for Scope of Work

Discussion: There was discussion of costs, and the services Christopher Burke would be providing. There was discussion over the rates being in line with what most firms charge.

MOTION: Mr. Sherman motioned to approve the Christopher Burke Amendment seconded by Mr. Brumfield. Motion passed unanimously.

9. Commission Reports:

a. **Building:**

1. Mr. Sherman reviewed the Variance request for Sternberg at 8019 Duck.

Discussion: Mr. Johann noted there was a remonstrator, Annette Dinneen, who lives next door. Mrs. Dinneen noted that this structure would block her views. Mrs. Dinneen noted she took some pictures and was more than happy to email them to the Board. Mr. Young wanted it noted that the petitioner failed to appear. Mr. Sherman noted that since the petitioner is not present and that we have a neighbor here indicating that she believes her view to the lake would be infringed upon, they should deny the request.

MOTION: Mr. Sherman motioned to deny the variance request for Sternberg (8019 Duck), seconded by Mr. Rasdall. Motion passed unanimously.

2. Mr. Sherman reviewed the building applications.

MOTION: Mr. Sherman motioned to approve building applications 24-026, 24-028, and 24-037 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.

MOTION: Mr. Sherman motioned to approve building applications 24-038, and 24-039 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. Rasdall. Motion passed unanimously.

3. Mr. Young reviewed the easement for the Byam property. Young noted that the District sold property to the Byam's to enlarge and improve their septic system and noted that this occurred because it was a benefit to the District as it would get rid of a potentially failing system. Mr. Young noted that to get this septic installed they would have to cross Cougar Drive, which would require an easement by the Board. Mr. Young noted that Nick has inspected the site, and the sewer line is where it should be, and the water utility people found it acceptable. Mr. Young noted the number of protections written into the easement; and that there have been a few of these types of easements done in the past to improve a septic system. There was discussion of method of excavation to get across the road. It was noted the freeholder is responsible for Mr. Young's fees to write the easement.

MOTION: Mr. Rasdall motioned to approve the Byam Easement (6500 Cougar), seconded by Mr. Sherman. Motion passed unanimously.

b. Ecology:

1. Mr. Brumfield summarized the ecology minutes.
 - i. Mr. Brumfield discussed the proposal from Dr. Sweeten to study shoreline erosion and noted the ecology commission unanimously approved to recommend this study to the Board. Mr. Brumfield noted this was a 3-year study but Dr. Sweeten could give some data back after this year. Mr. Brumfield went over the study and what it included such as wave sensors that measure wave height, direction, etc. and would be available on a live feed. Mr. Brumfield noted the total cost was \$132,000, which is an average of \$44,000; but the first year the start up year would be \$61,000. Mr. Brumfield noted this study would not just be about the impacts of the wake boats on the lake it would also give the District a baseline of what shape the lakes are in.
 - ii. Mr. Leavitt noted there has been a lot of discussion over specific activities, but his concern is what if there is a problem with the lakes that has not even been identified. Mr. Leavitt noted that this study could give a path forward to prevent the lakes from dying.
 - iii. There was discussion over a past flood and not getting FEMA assistance because there was no data.
 - iv. There was discussion over studying bank erosion and accumulation of sediment with this study.

- v. Mr. Brumfield noted he asked Dr. Sweeten if the Board could get some data back by December to help make rules/resolutions, if necessary, before the next year of boating begins, and Dr. Sweeten let Mr. Brumfield know he would do his best.
- vi. Mr. Sherman noted that to the extent that this moves forward it would be good to have some of this information as next year's budget is being put together. Mr. Sherman noted that if there was any indication of what is going on that would help to determine how this will be paid for.
- vii. Mr. Rasdall went over the live feed that would be available for all freeholders to view.
- viii. There was discussion about the LiDAR Drone scan of the shorelines of both lakes.
- ix. There was discussion about if more bids were needed because of the cost of this study. Mr. Young noted that the law does not require bidding for a professional service.

MOTION: Mr. Brumfield motioned to approve the full 3-year study with Dr. Sweeten to not exceed \$132,000, over a 3-year period seconded by Mr. Rasdall.

Discussion: Mr. Maulden asked if there would be more discussion on how this would be paid for. Mr. Young noted that the motion may have to be contingent, if there is not money budgeted somewhere to spend on this; then you would have to request additional appropriations. Mr. Young noted that if the Board doesn't have adequate funds available the motion should be modified to include contingent upon approval of additional appropriations. Mr. Young went over the process of requesting additional appropriations.

MOTION: Mr. Brumfield motioned to approve the full 3-year study with Dr. Sweeten to not exceed \$132,000, over a 3-year period contingent upon approval for additional appropriations, seconded by Mr. Rasdall.

Discussion: Mr. Parris asked if the first amount of the \$61,000 that the Board is contingently approving of, is only for the first year spent. Mr. Young responded yes; all the Board will need to do is additionally appropriate what will be needed for this account. Mr. Parris asked if there were any items that could be cut. Mr. Brumfield went over the questions that the Board wanted answered from Dr. Sweeten and team, and noted this was prepared as Dr. Sweeten's recommendations to answer those questions. Mr. Adolay noted that before you do the study and spend the money they need to decide if they're going to ban wake

surfing, because then the study wouldn't be needed. Mr. Brumfield noted that what if wake surfing wasn't a problem, and there are so many factors out on the water. Mr. Brumfield noted that Dr. Sweeten can give the Board a preliminary determination this year if possible. Mr. Rasdall noted that this study goes beyond just wake surfing with the ecology of the lakes, algae blooms, and other things, so that the lakes don't die. Mr. Leavitt noted if you look at the impact on the lake, there is focus on wake surfing, but that's a small percentage of boats on the lakes, and we could be missing the bigger issue. Mr. Brumfield noted this is a comprehensive scientific review of what were doing and its impact on the ecology of the lake. Mr. Sherman asked Mr. Brumfield to let Dr. Sweeten know that we can only encumber 1 year at a time; and even though this is a 3-year contract he must understand it's really only a 1-year contract. Mr. Young noted that ordinarily he would look at the contract and there is usually a termination clause that the owner can terminate at their convenience. Mr. Young asked Mrs. Bay to prepare for the additional appropriations and then asked the Board did they want to fund this all out of the rainy-day fund or were there some budgeted funds they want to use to cover this, because Mrs. Bay will need to know what amount to advertise. Mr. Sherman noted at this point in time they should take it out of the rainy-day fund and then the Board can determine how they want to reimburse the rainy day fund.

Roll Call:

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

Motion passed 5-2.

c. Roads:

1. Mr. Rasdall summarized the roads minutes.

d. Security:

1. Mr. Maulden summarized the security minutes.
 - i. Mr. Maulden discussed personal buoys and requested Mrs. Bay send a message reminding freeholders to pull them in at night. Mr. Maulden noted that the security commission wanted to ask the Board that if there is a legitimate reason like the water is very shallow and someone can

damage their boat then those people can come to the security commission meeting and the security commission can investigate it and then make a recommendation to the Board to put a CSCD buoy in those areas, if warranted. There was discussion over potential hazards being out in the water that they may not know about. There was discussion about the district's responsibility. Mr. Sherman noted that this could be a great expense for the district because where do we stop. Mr. Young noted that the decision to place a buoy is going to be determined by funds available and based upon the Boards determination of where they're mostly needed under those circumstances. Mr. Young noted that the Indiana Torque Claims Act is says a governmental entity is not liable for loss if it occurs based upon the government's performance of discretionary function; a discretionary function is something you can do but not something you have to do. Mr. Young noted there is not a law stating you shall put a buoy here, and he believes the placement of buoys is a discretionary function. Mr. Brumfield noted he knows pretty much every part of these lakes and there are maybe 4 places he could think of shallow enough to need a buoy. Mr. Brumfield noted that the shallow areas could be 3 feet or less, Mr. Brumfield doesn't believe that there are any boats that are going deeper than 3 feet. There was discussion as to whether this needed a motion or could be done operationally.

- ii. Mr. Rasdall asked if the District could move the buoys that are out 50 feet in the lake. Mr. Young noted that if they are illegal under your rules then yes, the District should remove them, they should make an effort to return them to the owner, if you can identify the owner. Mr. Young noted that they can certainly be moved if they're not allowed under the District's rules and they are a navigation hazard. Mr. Maulden asked if we have the right to ticket people for not moving them. Mr. Young noted that removal would be more effective if the idea is to get them out of there. Mr. Young noted that he would write a letter to the freeholder first and notify them they have a buoy that is illegally placed, cite the rules give them a time frame to remove the buoy, and note if it is not removed within that timeframe the District will remove the buoy and make every effort to return it to you and place it on your property.

- iii. Mr. Maulden discussed a launch site location on Sweetwater for non-motorized watercraft.

MOTION: Mr. Rasdall motioned to approve the CSCD park on Nuthatch, where there are parking spaces, as nonmotorized watercraft launch site, seconded by Mr. Maulden.

Roll Call:

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

Motion passed 6-1.

- iv. There was discussion over sign removal.

e. Water:

1. Mr. Parris summarized the water minutes.

10. Old Business:

a. None

11. New Business:

- a. Patrick Sherman- Policies & Procedures for Office of District Marshall
 - i. Mr. Sherman noted at the last meeting he asked permission to talk to Tim, who was the executive director of ILEA, the Indiana Law Enforcement Academy, and that Tim directed Mr. Sherman to Kevin Jowitt. Sherman summarized Kevin's resume. Mr. Sherman asked the Board for permission to start discussions with Kevin on his availability for help with establishing the policies and procedure for the Marshall Office and what a professional services contract would look like with him. Mr. Sherman noted then he would bring that back to the Board. Mr. Sherman noted this process to put everything in place is quite extensive. Mr. Leavitt noted that Mr. Sherman wanted to have discussions on what our path forward is. Mr. Rasdall noted that Mr. Sherman wasn't spending money right now he was just having conversations. Mr. Leavitt noted that they needed to figure out what they are doing in the long term. There was discussion that if Brown County were to change their policy or Brad wasn't there anymore and it was a new Sheriff, and he said no this isn't happening anymore, then there needs to be alternatives. Mr. Leavitt noted that he believes it's fine to continue having discussions and heading down that path. There was discussion

over the part time deputies. Mr. Leavitt noted that working parallel tracks is good.

12. Board Member Concerns:

- a. Mr. Rasdall thanked everyone.
- b. Mr. Maulden thanked everyone.
- c. Mr. Brumfield discussed an electric vehicle survey. There was discussion and it was agreed to post it via survey monkey.

13. Adjourn (9:39)

MOTION: Mr. Brumfield moved to adjourn, seconded by Mr. Rasdall. Motion passed unanimously.

Respectfully submitted,

Ted Adolay, Board Secretary

Date Submitted:

Cordry Sweetwater Conservancy

****DRAFT** Building Commission Minutes June 4, 2024**

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

Present: Dennis Cameron, Cully Kinnick, Pat Sherman (Board), and Nick Johann BCO.

Absent: Kathy Wood (CSLOA)

Guests: Sunny Leerkamp, Heidi Heldt, Tom Heldt, Sam Burjon, and Eric Gambill

Acceptance of May minutes. Mr. Kinnick made a motion to accept the May 8th, 2024, minutes. Mr. Cameron seconded. Motion passed.

Freeholder Comments:

Sunny Leerkamp of 6447 Cougar Dr. discussed an issue she had after dredging was completed in front of her dock. The boat lift installer is unable to place the boat lift due to the topography of the lake bed after the dredging was done. Ms. Leerkamp asked if she could install a temporary walkway to the lift until the dredging issue is resolved. The project will become application 24-050.

Mr. Kinnick made a motion to recommend approval of application 24-050 as a 6-month temporary walkway. Mr. Cameron seconded the motion. The motion passed unanimously.

New Business:

Sam Burjon – Touchless Boat Covers

- Sam made a presentation of a boat cover product. The commission discussed the cover and asked questions. The Commission wanted to discuss the product further.

Dredging Applications – Nugent – 7430 Hemlock

New Applications:

24-038 – AA6 – Appel – 7210 Cordry Dr

This project is to build a new dock, boat shelter, and covered seating area.

Mr. Kinnick made a motion to require a survey for application 24-038. Mr. Cameron seconded. The application will be up for review at the July meeting. The motion passed unanimously.

24-039 – SW 393 – May – 6623 Chipmunk Ct.

This project is to build an upper level on the existing garage.

Mr. Cameron made a motion to approve application 24-039. Mr. Kinnick seconded. The motion passed unanimously.

24-040 – CE 22 –Nugent – 7430 Hemlock Dr.

This project is to build a new dock, boat shelter, dock storage, retaining wall, stairs, and patio.

Mr. Kinnick made a motion to recommend approval of application 24-040 pending the verification of dock square footage not to exceed 1,200. Mr. Cameron seconded. The motion passed unanimously.

24-041 – SW228 – Heldt – 6716 Grey Wolf Dr.

This project is to build a hammock frame and install the hammock over water.

Mr. Kinnick pointed out that the farther the property line extends into the lake, the farther the structure is from the neighboring property. Mr. Cameron made a motion to recommend approval of application 24-041. Mr. Cameron seconded. The motion passed unanimously.

24-042 – OES 17 – 7428 Lion Dr.

This project is to remove the existing fence and install a new one in the back yard.

Mr. Kinnick made a motion to approve application 24-042. Mr. Cameron seconded. The motion passed unanimously.

24-043 – CB 45A Pierse – 7769 Ironwood Dr.

This project is to build a roof over the existing attached deck.

Mr. Kinnick made a motion to approve application 24-043. Mr. Cameron seconded. The motion passed unanimously.

24-044 – SW 115A – Brasseur – 7040 Muskrat Dr.

This project is to build a dock addition.

Mr. Cameron made a motion to recommend approval of application 24-044. Mr. Kinnick seconded. The motion passed unanimously.

24-045 – DF59 60 – Todd – 7284 Elm Ct.

This project is to add a second-story home addition.

Mr. Kinnick made a motion to approve application 24-045. Mr. Cameron seconded. The motion passed unanimously.

24-046 – SW 241 – Callahan – 6850 Sweetwater Dr.

This project is to build retaining walls, patios, and a firepit.

Mr. Cameron made a motion to approve application 24-046 with the condition that the improvement location is the responsibility of the homeowner. Mr. Kinnick seconded. The motion passed unanimously.

24-047 – Gawaluck - 6701 Eagle Dr.

This project is to install a walkway from the house to the party deck.

Mr. Kinnick made a motion to approve application 24-047 with the condition that the septic and property corners are located. Mr. Cameron seconded. The motion passed unanimously.

24-048 – J12 & J12A – Elliot – 7077 Drum Dr

This project is to install a retaining wall for a parking area and stairs to the house.

Mr. Kinnick made a motion to approve application 24-048. Mr. Cameron seconded. The motion passed unanimously.

24-049 – WS18 & WS 19 - Johann – 6373 Sweetwater Dr.

This project is to build a 120 SqFt dock, deck, and stairs.

Mr. Cameron made a motion to recommend approval of application 24-049. Mr. Kinnick seconded. The motion passed unanimously.

Variance Requests

Heldt – 6716 Grey Wolf Dr.

Old Business:

None

Old Applications:

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

Stop Work Orders: None

Complaints: None

Freeholder Comments: None

Building Commissioners Comments:

The Commission made the statement that the CSCD is not responsible for how a homeowner represents the property lines or corners.

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

The next Building Commission meeting will be July 2nd, 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 July meeting.

DRAFT
MINUTES
ECOLOGY COMMISSION MONTHLY MEETING
Cordry Sweetwater Conservancy District
6 June, 2024

- A. The monthly meeting of the CSCD Ecology Commission was called to order by Shena Johnson at 6:00 P.M., in the CSCD conference room.
- B. Members Present: Shena Johnson, Brenda Maulden, Charlie Tinkle, Matt Murtha, and Jim Donnells (Recorder).
- C. Members Absent: Randy Brumfield & Ty Cooper
- D. Others In Attendance: Nick Johann (CSCD Operations) + 2 Guests
- E. (6:05 P.M.) ***Brenda Maulden moved to approve the Minutes of the 2 May, 2024 meeting of the CSCD Ecology Commission; Charlie Hinkle seconded. This motion was unanimously approved.***
- F. (6:05 P. M.) **FREEHOLDER CONCERNS:** Beth & Josh Wolf, freeholders residing on Aspen Drive, appeared on behalf of all freeholders in the Aspen/Alder cove on the north end of Cordry Lake, to express concern over the **very early and very dense** weed growth in that cove this spring. They acknowledged that the weed treatment performed in May by Aquatic Control has largely mitigated the problem, but they were concerned that the treatment came too late this year as that cove was nearly unusable by boat traffic until the die off. They asked that we consider weed control treatments earlier in the year next year. Nick Johann agreed to discuss this concern with Aquatic Control to determine the best course of action.
- G. (6:20 P. M.) **OLD BUSINESS:**

1. **CSCD OPERATIONS REPORT:** Nick Johann provided updates on myriad projects of interest to ECOLOGY including:

a. **Cordry Lake Spillway:** We have received the long-awaited permit for rebuild of the Cordry Dam spillway from DNR. It is now up to the CSCD Board to decide when to put this \$ 2.3 million (+/-) project out to bid. ECOLOGY is anxious to get this project underway and is hopeful that the work can be started and finished this fall, after boating season.

b. **Coffer Dam Plans:** The next nominee for the installation of erosion-control coffer dams is the gully just south of Nuthatch Drive on CSCD property. ECOLOGY agrees with this recommendation and work should begin this fall.

c. **Dam Abutments:** A plan to remove overgrowth (trees, shrubs, weeds, etc.) from the dam abutments on both lakes has been developed. Nick hopes to have work begin this summer as the hired contractor frees time from other jobs.

d. **Zebra Mussel Prevention Program:** Despite the loss of our hired Boat Steward, Nick reports that replacements have been hired and zebra mussel prevention efforts are in place once again at our boat ramps. Unfortunately, no volunteers have stepped forward to fill gaps in coverage.

2. **DREDGING APPLICATIONS:** ***Charlie Tinkle moved to APPROVE the dredging application submitted by Edward Nugent on lot CE 20-22 (7430 Hemlock Drive), as submitted. Brenda Maulden seconded. This motion was unanimously approved.***

3. (6:30 P. M.) **CSCD "RULES" REVIEW :** The third session of the joint Security Commission/Ecology Commission "Rules Re-write Workshop," commenced. Tonight's session was abbreviated as no Security Commission representatives were present. The committee "recorder," Shena Johnson, reported that she has retyped all the current rules (found on the CSCD website as a PDF document) into an editable Word document for use by the joint re-write committee to make proposed changes more easily presented.

A discussion followed to address the many decisions that have been made by the CSCD Board in monthly meetings (as reflected in Minutes of those meetings), that are not established as "Resolutions." A search of those Minutes will be made to find any of those hidden decisions that should be included in a revised Rule Book.

OVER >>>

4. (6:40 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 unwanted vegetation, after which the area should be ready for pollinator seeding, hopefully this fall/winter. Brenda briefed the commission on the proposal to create a “Memorial Garden,” within the Pollinator Habitat. The committee continues to develop a comprehensive plan for the creation of this Pollinator Habitat resource for CSCD.

5. (6:50 P. M.) A public hearing for additional appropriations has been scheduled by the CSCD Board on 18 June to decide on the special funding of the **“SHORELINE EROSION STUDY,”** proposed by Doctor Sweeten of Ecosystems Connections Institute, LLC in Denver, Indiana. Although an expensive proposition, their proposed study of our lakes would provide all the scientific data needed to defend a decision, one way or the other, over the use of big wake boats on our small lakes.

6. (6:55 P. M.) **ANIMAL CONTROL MEASURES:** It was reported that there has been no Canada goose roundup this year and there is uncertainty as to whether there have been any meaningful muskrat/beaver control measures taken this year. The Commission will need to look into the contract with Rusty’s Animal Control (RAC) to determine their ability to continue to support our wild animal control measures in CSCD.

H. **NEW BUSINESS:**

1. (7:00 P. M.) **COMMISSION MEMBER CONCERNS:**

a. Matt Murda expressed concern over observed **fuel spills at our Marinas.** While serving on Boat Patrol, he has recently observed 3 different episodes of fuel being spilled into our lakes at the Marinas, even with fuel pump attendants present. He observed no attempt to capture the spilled fuel and was concerned about the apparent lack of fuel spill kits at the marinas and the level of training of our pump attendants in fuel spill mitigation procedures. Nick Johann agreed to look into these reports and will ensure better training of our fuel pump attendants to preclude further fuel spill incidents.

b. Brenda Maulden reported that the porta-potty at Centerlake Park has been relocated to a much more visible and convenient location. She expressed the gratitude of the Garden Club, Pickleball Club, and families that take their children to the park for this move.

2. (7:10 P.M.) **FREEHOLDER CONCERNS:** NONE

I. (7:10 P.M.) **STRATEGIC PLANNING/BUDGET PLANNING :** Jim Donnellis facilitated the third budget planning workshop in the development of the ECOLOGY budget proposal for FY 2025. The Commission finalized the categorization of all 60 concerns raised by commission members over the last 3 months and prioritized the major concerns that will comprise the final Budget Proposal of the ECOLOGY Commission for FY2025.

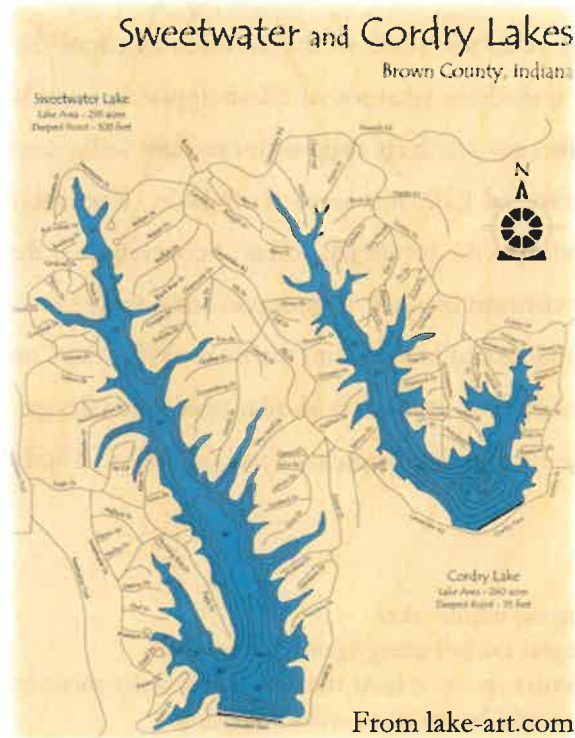
J. **ADJOURNMENT:** **The Commission was reminded that, because of the 4th of July INDEPENDENCE DAY Holiday, our next monthly meeting is postponed until Thursday, 11 July.** Shena Johnson moved to adjourn the 6 June, meeting of the Ecology Commission. Matt Murtha seconded. The motion passed. The meeting was adjourned at 8:30 P.M.

Respectfully Submitted:

JIM DONNELLS
Commission Recorder
opajimd@gmail.com
(801) 361-8791



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

Michael Leavitt, Board Chair
Cordry-Sweetwater Conservancy District
8377 Cordry Drive
Nineveh, IN 46164
Phone: 317-933-2893

Prepared by

Jerry Sweeten, Ph.D.
Ecosystems Connections Institute, LLC
9130 North 600 East
Denver, IN 46926
Phone: 260-901-0561
Email: jesweeten@ecosystemsconnections.com

UNDERSTANDING THE ASSIGNMENT

Ecosystems Connections Institute was requested to provide a proposal to the Cordry-Sweetwater Conservancy District that would address concerns over shoreline stability 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 are 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. Recreation on the lakes is a major part of the communities and over the recent past there is concern over the increase in motorized watercraft with a particular concern over the large waves from wake boats. To assess the effect of increase in the number of and size of waves from the boat traffic, the Cordry-Sweetwater Conservancy District has asked ECI to prepare an adaptable study design to better understand the effect of wave action on the surrounding shorelines and on docks. The Board provided ECI with the following 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 wake surfing 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 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

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	-	-	-	-
Total	\$51,500	\$26,000	\$54,500	\$132,000

PAYMENT TERMS

Invoices will be created and sent one time 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)



Jerry Sweeten, Ph.D.
Professor Emeritus of Biology and
Environmental Studies
Manchester University
Ecosystems Connections Institute
9130 North 600 East
Denver, Indiana 46926
Phone: 260-901-0561



Cordry-Sweetwater Conservancy District

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



DRAFT Roads Commission Meeting

June 6, 2024

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

Absent: Dave Jarrett

Guests: Kathy Martin, Jim Martin, Jim Chapman, Mike Warner, Marcia Harper, Jeff Haynes, Ms. Korson, and Suzy Houston.

Mr. Rasdall called the meeting to order at 5:03 pm

1) Freeholder Comments

A) Cedar Dr.

1. Mr. Chapman (7155 Cedar Dr) discussed the issues with water runoff he and other homeowners have been experiencing on Cedar Dr. 7160 Cedar Dr. has experienced losing soil due to runoff, 7158 Cedar Dr. has areas washing out on their property.
2. Mr. & Mrs. Martin (7168 Cedar Dr.) discussed runoff issues they have experienced at their property and things they have done to help protect their property protected.

B) Mike Warner has concerns about paving Catalpa Dr in the future and how that may impact the home at the end of the drive.

C) Marcia Harper discussed Hummingbird Dr and how the ditch was filled in

Director of Operations Report

- Mr. Johann gave an update on Robin Ct. The homeowner at the end will be installing a drain and retaining wall to help direct water around his house.

Commission Members Comments

Mr. Rasdall addressed the room and thanked everyone for attending and keeping the conversations productive and professional. He also stated he will personally visit each of the areas that were brought up at the meeting.

As there was no other business before the Commission Mr. Harper made a motion to adjourn, Mr. VonHoven seconded. The meeting adjourned at 5:50 p.m.



Cordry-Sweetwater Conservancy District

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The June 11th 2024 Security meeting was canceled due to the lack of a quorum.

Cordry Sweetwater Conservancy District
Water Commission Meeting Minutes
June 13th, 2024
CSLOA Clubhouse

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

Present: K. Short (CSLOA), T. Kuhn, A. Parris (phone)), K. Brasseur

Absent: D. Caudill

Guests: Lizann Whiteside

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

Agenda Modifications: None

Freeholder Concerns: Lizann Whiteside, 7264 Cordry Dr., (Lot AA9B). Ms. Whiteside indicated that she had requested the water meter be installed at 7264 Cordry Dr but did not request that the water be turned on and that the water was turned on by the CSCD water Dept which caused flooding of her lower level plus approximately 11,000 gal of water passed through her water meter. She requested some sort of compensation for the water damage and water loss for which she will be charged. She was informed by the water commission that it is standard operating protocol to turn on the water when a customer requests installation of the water meter. She was also told that the customer is responsible for the integrity of the water system beyond the water meter including providing a customer side shut off valve. She indicated that she was not aware of these conditions. She was asked what her winterization contractor had to say about this situation. She indicated that her contractor was not on site when this situation occurred. We suggested that she talk with her contractor and determine why the flooding occurred. The Water Commission will also obtain more detailed information from the CSCD staff about this situation. She was told to come back to the July 11th meeting and this matter will be discussed further.

Minute Approval: May 9th minutes approval, Motion by A. Parris, Second by T. Kuhn, Unanimous approval.

April Financials: Are not available yet, audit of 2023 still under review. However, Brittany indicated that cash flow is currently adequate and that there are no immediate financial concerns.

Water Operator Report: Josh Bryant (Josh was unable to attend but submitted the following information)

- 1) 6500 Cougar Dr: All requirements have been met and the water service has been restored.
- 2) 8663 Centerline Rd: The building has been sufficiently relocated away from the water main and meter pit.
- 3) Water Loss Audit: The 2023 water loss audit has been completed and submitted to the State.
- 4) LCRR: No update currently.
- 5) Service Line Replacement Project: We were able to replace four (4) additional services lines this month.
- 6) Leaks: Since the last meeting we have repaired 13 service line leaks. One of the leaks was under the new pavement on Bass Dr. Unfortunately, we had to tear out a large section of roadway that will require future patchwork. We currently have 2 leaks that are scheduled for repair.
- 7) Water Loss: Water loss was not calculated this month as our water data website was down for maintenance.

Old Business: None

Long Term Projects: Update Water Department Rules Book: Committee members and CSCD staff to review see if changes are warranted.

New Business: None

Water Commission Member Concern/Comments: None

Adjournment: Motion to adjourn made by T. Kuhn, seconded by A. Parris at 5:52 p.m. Motion passed unanimously.

Next Meeting: July 11th, 2024, at 5:15 p.m. at the CSCD Office.

Respectfully submitted by: Ken Brasseur

ADDITIONAL APPROPRIATION RESOLUTION 2024-11

GENERAL INFORMATION	
Taxing Unit Name:	Cordry Sweetwater Conservancy District
County:	Brown
Governing/Fiscal Body:	CSCD Board of Directors

FUND INFORMATION		
Fund Name:		
Budget Classification	Additional Amount Requested	Additional Amount Adopted
Personal Services	\$	\$
Supplies	\$	\$
Other Services and Charges	\$ 61,000	\$ 61,000
Township Assistance	\$	\$
Debt Service	\$	\$
Capital Outlays	\$	\$
Total:	\$ 61,000	\$ 61,000

ADOPTION INFORMATION		
Official Vote	Name	Signature
Nay	Aye	
<input type="checkbox"/>	Randy Brumfield	
<input type="checkbox"/>	Aaron Parris	
<input type="checkbox"/>	Michael Leavitt	
<input type="checkbox"/>	Patrick Sherman	
<input type="checkbox"/>	Jim Maulden	
<input type="checkbox"/>	Ted Adolay	
<input type="checkbox"/>	Mark Rasdall	
<input type="checkbox"/>		
<input type="checkbox"/>		

Attestation (Secretary of Governing Body)	
Date of Adoption 6/18/2024	

