



**Waterford Waterway Management District
Agenda
Wednesday January 26th 2022 6PM**

This meeting was held in person at the Waterford Town Hall and online using Zoom

1. Call to Order. 6pm. Grant, Margaret, Bill, Scott, Greg, Dan, Alex present.
2. Review and act on:
 - a. 11/18 and 12/14 Monthly Board Meeting Minutes and Additional Meeting Minutes.
 - i. Dan motion to approve the 11/18 Minutes. Bill seconded. Approved 7-0.
 - ii. Dan motion to approve the 12/14 Minutes. Margaret seconded. Approved 7-0.
3. Review and act on Claims-December/January 2021/2022 - Report attached. Margaret motion to approve claims. Alex seconded. Approved 7-0.
 - a. Greg reminder to the commissioners of the purchase procedures.
4. Correspondence
 - a. None
5. Reports
 - a. Commission
 - i. Chairman's - Report attached
 1. **Greg moves to: approve membership in Explore Waterford. Total cost \$108 period. Bill seconded. Approved 7-0.**
 2. Possible consideration to attend the States Wisconsin Lakes and Rivers Convention on April 6-8 in Steven's Point. The theme is "Protecting What We Love for the Future". Would be a good consideration for a member of the board to attend. Estimated costs would total not to exceed \$850 for registration, lodging, and meals. Not a motion at this time.
 - ii. Aquatic Plant Management - Report attached.
 1. Off-loading site development update
 - a. Original estimated costs of \$20,000 for the Bayside launch may not be enough. Actual

costs may be over budget by \$10000 to \$15000.

2. Craig Helker has indicated he will approve the ProcellaCOR project for 2022.
3. **Bill moves that the WWMD sign the labor contract to hire for a three year term Midwest Irrigation to perform the labor for the transfer barge, eco-harvester and leased harvester including a lease for the truck to pull our conveyor trailer. Grant seconded. Approved 7-0.**
 - a. Scott question about ability to cancel contract. Bill included provisions to exit the contract.
 - b. Greg: A note correcting the contact email address for chairman.
 - c. Guarantee of 250 hours clarification.
4. **Bill moves that the WWMD sign the herbicide contract to hire for a three year term Wisconsin Lakes and Ponds to apply herbicide to the navigation lanes and Waterford Lake. Alex seconded. Approved 7-0**
5. **Bill moves that the WWMD approve spending advertising not to exceed \$250.00 for a public bid to go out for bidding on the ProcellaCore treatment for the 2022 season. Grant seconded. Approved 7-0**
6. **Bill moves that the WWMD approve spending advertising not to exceed \$250.00 for a public bid to go out for bidding on the construction of the Bayside boat ramp. Alex seconded. Approved 7-0.**
7. **Bill moves that the WWMD approve spending on a revised permit for dredging related to the Bayside boat ramp, this amount is not to exceed \$400.00. Scott seconded. Approved 7-0.**

iii. Treasurer/Finance - Report attached

1. **Margaret moves to adopt the WWMD Purchasing Policy included in this report including the following that is shown in the report: Send an email stating:**
 - a. the meeting date when the purchase was approved
 - b. that you have reviewed and approve the invoice
 - c. the account you would like charged.

i. Grant seconded. Approved 6-0.

1. Grant unavailable for vote.

- 2. Margaret moves that the property at 6920 Burma Road, parcel ID 016041913051000, be removed from the WWMD district rolls and the owner, Thomas Cyr, be refunded this year's \$375 Special Charge. Grant seconded. Approved 7-0.**

- a. Scott affirmed this meets our exemption policy.
- b. Grant and Dan noted this is a result of a survey produced by the riparian owner showing less than 12 ft. of frontage.

- 3. Margaret moves to switch from QuickBooks Pro Desktop to QuickBooks Online Plus. Alex seconded. Approved 7-0.**

- a. Bill commented that our data is not on one device, but in the cloud instead. Margaret: We can have multiple users with this new system and is less expensive once we have more than three users.

- iv. Information and Education/Marketing - Report attached.
 1. Alex noted possible topics to cover with a riparian update.
 2. All commissioners moved over to Microsoft 365 email.
- v. Legislative - Report attached.
- vi. Navigation Access/Hydraulic Management - Report attached.
 1. Small Scale Dredging Project update
 2. **Grant moves to approve up to \$4,000.00 in legal services from the WWMD's attorney related to dredging. Scott seconded. Amendment seconded. Approved 7-0.**
 - a. Greg noted it is important to understand the legal and fiduciary responsibilities.
 - b. Margaret would like to clarify in the future that there is a mechanism available to assess affected riparians the special charge related to dredging. Grant states that conversations have been started. Margaret: We need to make sure Racine County is able to process the payment via annual tax bills.
 3. **Grant moves for the conditional approval to utilize this engineering firm at a cost not to exceed the amount of money contingent on the initial review of the DNR and that no unreasonable or insurmountable alterations are required to this plan causing a negative impact on its overall cost.**

Response from the DNR is expected back within 20 to 35 days at which time a decision would be made or additional communication will occur with the commissioners. Bill seconded. Alex-Yes Dan-Yes Scott-No Grant-Yes Margaret-No Bill-Yes Greg No-Motion passed 4-3.

- a. Alex comments: Believes this proposal makes sense despite the apprehension regarding spending more money on engineering.
- b. Scott: Do we have a guarantee that the completion of these phases, that we have a project done? Grant: This proposal addresses the majority of work though year 1 and addresses much more follow up than any other firm. Need to have this buttoned down, so we don't spend more in the future. Graef experience shows that they didn't have experience. Scott: Does this firm have Wisconsin experience? Grant: Geosyntec has been able to work well with the DNR according to a review from the Lauderdale Lakes association. Scott: If the project is not approved in the future by riparians, is this wise to proceed? Yes, we could lose out on these engineering costs. Scott: Do we want to ask the riparians before we engineer? Greg: The annual meeting shows that there is support via the budget vote. Scott: Will these engineer costs be absorbed by the general budget, or will they be assessed to the affected owners once the project is started? Discussion about all riparians benefiting from dredging project.
- c. Margaret: Clarification on task proposal pricing. Concern about going down a rat hole of engineering. Recommend that we table this motion until DNR gives permit in 25-30 days. Grant states that the contingency in the motion covers Margarets concerns. Clarification of Kalamazoo firm and Waukesha firm relationship. They both have expertise in different areas. Individually, they are incapable of meeting our needs.
- d. Dan. Concern about more engineering costs. Engineering is necessary because this is in no way a project our volunteer commissioners are capable of this type of work. There is no other

option if we want to see the dredging project move forward.

- e. Greg. Concerned about costs. With this proposal, we are stretching the budget. It is a lot of information to digest. Perhaps we should hold on a decision until the February meeting after the DNR permit decision. There also needs to be concern and follow up on the funding that is expected from the FRC by way of grants as without this our budget will not be met and we'd have to go back to the riparian owners for approvals through a "Special Meeting".
- f. Bill. Clarification that dredging this year would be only navigation lanes. Should we ask the engineer to come in and present to the board? All agreed and Grant will set up this meeting and it will be conducted as an "Additional Meeting" for the review.
- g. Grant. The motion has enough contingency to make it safe motion.

vii. Special Projects - Report attached.

viii. Approval of Commission Reports. Alex motion to approve. Margaret seconded. Motion approved 7-0

b. Regulatory

i. Town of Waterford

- 1. Greg offered a follow up to the commissioners that he was being considered for an open seat on the town board. The selection process is ongoing with assumptions that a decision will be made by 2/14.

ii. Village of Waterford

- 1. Carl Strasser is the new Village representative to the WWMD. He has forwarded contact information
- 2. No update

iii. Fox River Commission

- 1. Grant has no update from the recent meeting.
- 2. Updated FRC on our dredging status.

iv. C.A.U.S.E.

- 1. No update.

6. Previous Business

- a. Previous business covered under specific committee reports

7. New Business

- a. Review of Grant Writing support update was offered in the Chairman's and Special Project reports

b. Attendance at the FRC summit March 17th

- i. Greg plans on attending and offered others to consider as well

- c. Attendance at the Lakes Convention at Stevens Point April 6-8 was reviewed and will be brought up again at the February meeting. Information is included in the Chairman's report
 - d. Crew Leadership recommendations from the December newsletter
- 8. Mike Barrett-
 - a. Comment on DNR permits
 - b. Comment on dredger accountabilities
- 9. Greg motion to adjourn. Alex seconded. Approved 7-0. Meeting adjourned at 8:45 pm.



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4. Correspondence
5. Reports
 - a. Commission
 - i. Chairman's
 - ii. Aquatic Plant Management
 1. Off-loading site development update
 - iii. Treasurer/Finance
 - iv. Information and Education/Marketing
 - v. Legislative
 - vi. Navigation Access/Hydraulic Management
 1. Small Scale Dredging Project update
 - vii. Special Projects
 - b. Approval of Commission Reports
 - c. Regulatory
 - i. Town of Waterford
 - ii. Village of Waterford
 - iii. Fox River Commission
 - iv. C.A.U.S.E.
6. Previous Business
 - a. Previous business covered under specific committee reports
7. New Business
 - a. Review of Grant Writing support update
 - b. Attendance at the FRC summit March 17th
 - c. Attendance at the Lakes Convention at Stevens Point April 6-8
 - d. Crew Leadership recommendations from the December newsletter

Waterford WWMD is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://us06web.zoom.us/j/89626839208?pwd=NGFBNGZDaWdrQmUyOFMwV2RuQVZyUT09>

Meeting ID: 896 2683 9208

Passcode: 493586

One tap mobile

Waterford Waterway Management District

Claims Report

All Dates

DATE	TRANSACTION TYPE	NUM	DUE DATE	AMOUNT	OPEN BALANCE
Absolutely Waterford					
01/12/2022	Bill		01/22/2022	108.00	108.00
Total for Absolutely Waterford				\$108.00	\$108.00
Eco Waterway Services (262) 337-0083					
01/14/2022	Bill	2622	01/24/2022	500.00	500.00
01/14/2022	Bill	2677	01/24/2022	375.00	375.00
Total for Eco Waterway Services				\$875.00	\$875.00
Southern Lakes Newspapers, LLC					
01/07/2022	Bill	410647	02/06/2022	34.55	34.55
01/07/2022	Bill	410649	02/06/2022	32.06	32.06
Total for Southern Lakes Newspapers, LLC				\$66.61	\$66.61
TOTAL				\$1,049.61	\$1,049.61

Waterford Waterway Management District

Payments Made

November 19, 2021 - January 26, 2022

DATE	NUM	VENDOR	AMOUNT
Checking - BMO			
11/20/2021		Zoom Video Communications	-15.74
12/06/2021	S72S5-460YW	Bill McCormick	-621.16
12/06/2021	S72S5-46T38	Dan Meier	-420.00
12/06/2021	S72S5-46XKL	Midwest Irrigation	-337.00
12/20/2021		Zoom Video Communications	-15.74
12/20/2021	1445	Gregory Horeth	-367.49
12/21/2021	1447	Bill McCormick	-307.50
12/28/2021	5148	Southern Lakes Newspapers, LLC	-18.63
01/11/2022	SBRCD-Y7STY	PJ's Trucking LLC	-400.00
01/05/2022	1448	Your Store All	-385.00
01/20/2022		Zoom Video Communications	-15.74
Total for Checking - BMO			\$ -2,904.00

WWMD
Chairman's Report
January 26, 2022

- **DNR Brainstorming meeting. Addressed the following items:**
 - 1. Changes experienced on the waterway since 2008
 - 2. Lake Management Plan review/update-Modifications at the 5 year point (2023)
 - 3. Navigational Lane Management
 - 4. Recreational and fish habitat Opportunities
 - 5. Future ProcettaCore/Treatment plans
 - 6. Communication of fish studies/surveys and stocking.
 - 7. Dredging for DNR boat ramp and main channels
- **Completed the necessary paperwork to obtain both a DUNs number and a SAM.gov number for us to use in grant opportunities. This information has been shared with the treasurer and secretary for purposes of record keeping.**
- **Scott and I are reviewing proposals from different companies for assisting in the development of a grant plan. Information below gives a general overview on where we are looking to obtain additional funding for.**
 - 1. Aquatic Plant Harvester
 - 2. Small Scale Dredging (Grant, I know we were told that there would be no money available from the state however maybe they can weigh in with Regional or Federal grant consideration)
 - 3. Funding for Launch Development and Construction Sites (Gravel, Concrete, Road enhancements, etc.)
 - 4. Shoreline Restoration and Erosion Control
 - 5. Dredging support costs (Engineering, Survey's, etc.)
 - 6. AIS Treatments and Abatement (Environmental consideration as this addresses Invasive Species issues)
- **Develop the Goals/Objective for 2022 is in the final stages and have been distributed to the commissioners.**
- **Begin coordination of a succession planning effort for each committee to establish support for each commissioner in their duties**
 - 3 individuals have been sourced (Luke Francois, Steve Larry and Gary Bluemel) so far to assist the treasurer, the special projects coordinator, and the chairman and secretary. Basic job responsibilities will be reviewed during the meeting.
 - Important priority stays on this effort to continue building the bench strength period.

- **Reviewing the development of a Lake Citizens Advisory Committee for added support on projects ahead of us. Have reached out to 5 individuals for some initial dialogue to see if the ideas have merit.**
- **Had a conversation with an individual regarding the water diversion program in Waukesha concerns on the impact it may have South of the dam. While this is not an area we have involvement in we certainly want to be aware of any activities that they are talking about potentially bringing to the attention of the DNR. Stay tuned and more to come.**

Motions to consider

- **Membership in Explore Waterford. Total cost \$108 period.**
- **Possible consideration to attend the States Wisconsin Lakes and Rivers Convention on April 6-8 in Steven's Point. The theme is "Protecting What We Love for the Future". Would be a good consideration for a member of the board to attend. Estimated costs would total not to exceed \$850 for registration, lodging, and meals.**

- **Since I will be out of town for next month's meeting Margaret will be chairing the meeting for us. I will make sure any pertinent information will be generated for her in advance.**



Waterford Waterway Management District

Grant Writing Information/Questions December 2021

In order to better prepare for our conversation, below we have listed questions and areas we would like to get some added information on regarding your company. There is no need to submit anything in writing in advance as we will be simply looking to review and learn a little about your company in the initial conversations.

General Questions for review-Overview:

1. Tell us about your history writing and winning grants.
2. What types of grants should our district pursue?
3. What is the greatest challenge in writing grants for an entity like ours?
4. Tell us about a time when you missed a deadline. How did it go? Was it ever resolved?

Questions/Information for General Review:

1. Do you know what a Wisconsin lake district is?
 2. Can you give examples of awarded grants relevant to a Wisconsin lake district including date of the grant, the grant source/names and amounts awarded (or similar entity).
 3. Can you provide references from previous clients, with priority for any lake districts or substantially similar organizations awarded grants relevant to an entity like our's.
 4. Which personnel in your office would handle our work? How much experience does that person(s) have? What experience do they have with our particular needs for grant writing?
 5. What would be the 3 or 4 most likely sources of grant monies for a Wisconsin lake district?
 6. What are the most likely sources of grant funding for the following lake district projects:
 - Capital expenditures
 - Equipment expenditures
 - Weed harvesting/management
 - Personnel/labor costs for operating equipment for weed harvesting
 - Stormwater runoff projects
 - Dredging projects
 - Water quality monitoring/remediation
 - Fish stocking/management
 - Management of invasive species
 7. How do you conduct your grant searches and/or research?
 8. **What are your core areas of expertise relative to grant writing?**
-



Changing our world. One drop at a time.

APM Chairman's Report

January 26, 2022

General Activities:

On 1/22/2022 Greg Horeth and Bill McCormick held a public bid opening for two RFPs at the Waterford Town Hall at 10:00 AM. The APM chairman received one bid for the three-year labor contract to operate our harvesters, barge and lease the WWMD a truck for pulling our conveyor trailer. The APM Committee is recommending that the WWMD board approve signing the contract with Midwest Irrigation. The Committee also received one bid for applying herbicide treatment over a three-year term for the navigation lanes and applying herbicide in Waterford Lake, the bid was received from Wisconsin Lakes and Ponds. The APM Committee is recommending to the WWMD board that they approve and sign the contract to hire Wisconsin Lakes and Ponds for this service.

Bayside Boat Launch:

The Wisconsin DNR is still reviewing our permit and they have sent us a dredging survey for us to fill out and return to them. They are also indicating that our dredging permit may need to change from a general permit to a private permit, the concern they have is the amount of dredging we are proposing exceeds the amount allowed under the general permit. Since we are proposing to dredge approximately 50 -cubic yards this amount may put us into the individual permit category. A formal ruling should be back to us very soon.

The committee would like to go out for public bid to receive form bids on the construction of the boat launch to include the required dredging. We desire to go out for public bid in February.

ProcellaCore Public Bids:

In February the APM Committee is planning to go out for public bids to apply ProcellaCore during the 2022 season to help the treatment of EWM. We will ask bidders to give us two bids one for 94-acres on Tichigan Lake and the other for the smaller bays around our waterway.

**Three Year Contract Labor
Procurement Bid
Waterford Waterway Management District (WWMD)
Aquatic Plant Management Committee
Fox River/Lake Tichigan in Racine County, Wisconsin**

January 16, 2021

Project Manager: Bill McCormick

Notice is Here Given that sealed bids will be received by the Aquatic Plant Management Committee Chair Bill McCormick addressed to the Waterford Waterway Management District 5748 Island View Court Waterford, WI 53185 until 5:00 PM on 21st of January, 2022 for contract labor to operate an Aquatic Weed Harvester, ECO Harvester, Transfer Barge all designed to transfer weeds to a designated offload site via conveyer trailer. Both the weed harvesters, transfer barge and trailer will be supplied by the WWMD.

The bid documents consist of the following documents:

1. **Instructions to Bidders**
2. **Part One** Bid Proposal Form
3. **Part Two** General Terms and Conditions of Bid
4. **Part Three** Specifications

A submitted bid will consist of:

1. One original completed **Bid Proposal Form**, signed on behalf of bidder with information for all blanks supplied, and a detailed listing of any exceptions taken by Bidder.

**WWMD
Procurement Bid**

Part One

Bid Proposal Form

The Waterford Waterway Management District seeks bids from any and all potential qualified bidder(s). The District therefore encourages you to contact Bill McCormick at bmccormick5748@outlook.com with any questions about these bid requirements or specifications for clarification or for additional information and to notify the District if any of these terms currently prevent, limit or restrict your ability or willingness to submit a bid.

The WWMD reserves the right to alter or amend, in writing, these bid specifications prior to the bid for clarification or completeness, or to address any needed changes to allow for the maximum number of qualified bidders. Such alterations or amendments shall be issued in writing to those who have notified the WWMD in writing that they are interested in this bid and wish to receive any and all information and notifications regarding this bid, prior to the proposed date for submittals.

The WWMD seeks bids from qualified parties to supply the following labor and/or goods:

- 1. Hourly Rate to operate an Aquatic Weed Harvesters, transfer barge and monthly rental charge to provide a ¾ or 1-ton truck to pull our conveyor trailer**

BIDDERS OFFICIAL CORPORATE NAME (required, if bidder is a corporation)

Midwest Irrigation of S.E. WI LLC

BIDDER'S D/B/A NAME (if any) LLC See above

Hourly labor rate per person: \$46.00

Monthly rental rate for the WWMD to lease your truck Total Amount \$1,800.00

The price(s) set forth above shall remain valid for 60-days from the date of bid award.

Prices in the bid must cover all of bidder's labor costs including but not limited to workman's compensation and all required insurances and state and local employment taxes.

Name of person authorized to submit bid for bidder:

Chris Sackman

Signed: 

(Signature of authorized person)

Title of authorized person: Owner/President

Duration for this contract starts on May 16, 2022 and goes until the end of the third season, ending in September of 2024.

**WWMD
Procurement Bid**

Bid Proposal Form (page 3)

Contract Labor

Bidders Corporate Name:

Bidder Contact Information:

Print Name: Chris Sackman

Title: Owner/President

Address: 5630 Island View Court Waterford State: WI

Zip: 53185

Phone: 262-613-5343

Email: Sackman71@gmail.com Chris.sackman@brightview.com

END OF BID PROPOSAL FORM

**WWMD
Procurement Bid**

Part Two

General Terms and Conditions of Bid

<u>Section Numbers</u>	<u>Heading</u>
Section 1.	Bid Proposal Form
Section 2.	References, Specifications on equipment
Section 3.	Request for information and/or clarification of the bid documents
Section 4.	Non-Collusion, safety requirements and insurance responsibility
Section 5.	Late Bids
Section 6.	Bid Opening
Section 7.	Acceptance and Rejection
Section 8.	Appeal of Determination of Non-Responsiveness and Non-Responsibility
Section 9.	Award
Section 10.	Notice of Award
Section 11.	Breach of Contract/termination
Section 12.	Assignment Prohibited
Section 13.	Special Requirements

Section 1. Bid Proposal Form

- 1.1 Failure to comply with any of the contract labor, required provisions herein may be grounds for rejection of the bid proposal.
- 1.2 Bidder shall complete the Bid Proposal Form by filling in the unit price and the total price amount in the appropriate designated spaces. Unit price and total amount price of each item bid shall be written legibly in ink, or typed. All bids shall be signed in ink. Any erasures or alterations shall be initialed in ink by the signer. The completed Bid Proposal Form shall be submitted, along with any documentation in support of the bid proposal if required by the Bid Documents, in a sealed envelope addressed to the WWMD APM Chairperson Bill McCormick as required in the Invitation to Bidders on or before the time and at the place so designated. Any Bid Proposal Form which has been materially altered in any way may render the bid nonresponsive and the bid rejected.
- 1.3 In the event of a discrepancy between the unit price and the total price of the Bid Proposal Form, the unit price will prevail. All prices must be quoted "per unit" quantity specified. All items including optional items not bid shall be indicated as "not bid" in the total amount price space.
- 1.4 Correction or withdrawal of a bid because of an inadvertent, non-judgmental mistake in the Bid Proposal Form requires careful consideration to protect the integrity of the competitive bidding process, and to ensure fairness. If the mistake is attributed to an error in judgement, the Bid Proposal Form may not be corrected. Bid correction or withdrawal by reason of the non-judgmental mistake is permissible at the sole discretion of the WWMD commissioners, but only to the extent that it is not contrary to the interests of the WWMD or the fair treatment of others bidders.
- 1.5 By signing the Bid Proposal Form, the bidder certifies that:
 - a. The person whose signature appears below is legally empowered to bind the bidder;
 - b. By submitting a Bid Proposal Form, the Bidder represents and acknowledges that the bidder has read the complete Bid Documents and understands, agrees to all terms and conditions set forth in the Bid Documents; and has determined that these Bid Documents, terms and conditions are sufficient and/or satisfactory for an understanding of all equipment (truck) and labor requested herein and for the completion of this Bid Proposal Form for the amount contained in its Bid proposal.
 - c. If accepted by the WWMD, the bid is guaranteed as written and will be implemented as stated;
 - d. By submission of the bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its

own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not in violation of any Wisconsin State tax laws or delinquent in paying state and local taxes. The Bidder shall at all times observe and comply with all federal, State, municipal and other local laws, ordinances, regulations, and requirements which in any manner affect the preparation of the Bid Proposal or the completion of the terms hereunder.

Section 2. References, Specifications on Equipment:

- 2.1 All equipment and labor bid upon must conform to the description and specifications set forth in the Bid Documents, or their reasonable equivalent.
- 2.2 Bidders are encouraged to include a list of references in support of supplying labor or management of contract labor in the operation of an aquatic weed harvester, transfer barge and/or conveyer/trailer. Or equivalent such as landscape operations or tree services etc...
- 2.3 Bidders are encouraged to provide written technical descriptions of the $\frac{3}{4}$ or 1-ton truck they are required to supply in support of pulling trailer(s) supplied by the WWMD. The WWMD may consider references in determining the lowest responsible bidder.

Section 3. Request for information or interpretation and/or clarification of the bid documents.

- 3.1 Bidders shall have seven (7) business days prior to the bid opening date to notify the APM chairman in writing of any ambiguity, inconsistency, errors or defects or need for clarification or interpretation in the Bid Documents, which would prevent bidder from providing or being willing to provide a responsive bid.
- 3.2 Any request for information or interpretation and/or clarification of the Bid Documents must be emailed to Bill McCormick at bmccormick5748@outlook.com with Greg Horeth in copy at ghoreth@outlook.com and be submitted not later than five (5) business days prior to the date fixed for the opening of bids.
- 3.3 No interpretation of the Bid Documents will be made to any bidder orally by any representative of the WWMD.
- 3.4 Any written response to a request for information or interpretation and/or clarification of the Bid Documents shall be issued by the APM Chairman and will be incorporated into and made part of the Bid Documents. The APM Chairman's decision shall be made final and binding on all parties. Such addenda will be emailed to all prospective bidders.

The failure of any bidder to receive such addenda changes will not relieve the bidder of any obligation to comply with the terms and conditions of the addenda.

- 3.5 If any questions or responses require revision to the bid solicitation as originally published, such revision will be by formal amendment only. If the solicitation includes a contact person for the technical information, bidders are cautioned that any oral or written representation made by this or any other person that materially changes or appear to materially change any portion of the solicitation must not be relied upon unless subsequently ratified by written amendment to this solicitation. For determination as to whether any such representation requires an amendment, contact the APM Chairman Mr. Bill McCormick. Each Bidder shall confirm with bmccormick5748@outlook.com prior to submitting its bid that it has received all issued written information or clarification and shall acknowledge receipt of any such written information in the submitted Bid Proposal.

Section 4. Non-Collusion, safety requirements and insurance responsibility

- 4.1 Bidder shall certify that it has complied with all of the requirements stated in the non-collusive bidding certificate by signing the form included in the Bid Documents. Failure by bidder to complete and sign the non-collusive bidding certificate will constitute grounds for rejection of the bid.
- 4.2 All labor and equipment used in fulfilling this contract to the WWMD must comply fully with all safety requirements as set forth by the Wisconsin Administrative Code and all applicable OSHA and United States Coast Guard Standards. Life jackets will be provided by the WWMD.
- 4.3 **Insurance responsibility:** The contractor performing services for the WWMD shall:
- 4.3.1 Maintain worker's compensation insurance as required by Wisconsin Statutes for all employees engaged in the work.
- 4.3.2 Maintain commercial liability, bodily injury and property damage insurance against any claim(s) which might occur in carrying out this agreement/contract. Minimum coverage shall be one million dollars (\$1,000,000) liability for bodily injury and property damage including products liability and completed operations. Provide motor vehicle insurance for all owned, non-owned and hired vehicles that are used in carrying out this contract. Minimum coverage shall be one million dollars (\$1,000,000) per occurrence combined single limit for automobile liability and property damage.

4.3.3 The WWMD reserves the right to require higher or lower limits where warranted.

Section 5. Late Bids:

5.1 All bids received after the deadline of 5:00 PM CST 21st of January 2022 will not be considered and will be returned to the bidder unopened. The bidder assumes the risk of any delay in the mail and the handling of mail by the APM Chairman. Whether sent by mail or by means of personal delivery, the bidder assumes all responsibility for having the bid delivered on time and to the place specified above.

Section 6. Bid Opening

06.1 Sealed bids will be publicly opened on January 22nd, 2022 at 10:00 AM at the Waterford Town Hall. Bids may be read aloud to those persons present when practicable. Any bidder may request to review any submitted Bid Proposal Forms by arranging a mutually convenient time with the APM Chairman.

6.2 The prices stated in the Bid Proposal Form are irrevocable until the Notice of Award is issued, unless the bid is withdrawn only after the expiration of sixty (60) days from bid opening and only in writing received by the APM Chairman and in advance of the issuance of the Notice of Award.

Section 7. Acceptance or Rejection

7.1 A qualified responsive bid is one that is determined by the WWMD to be in compliance with the requisite terms and conditions listed in the Bid Documents.

7.2 The WWMD reserves the right to accept or reject any and all proposals or to waive any irregularity, technicality, informality and/or other nonmaterial variances contained in any Bid Proposal Form, that is a matter of form rather than substance, or to accept or reject any item of any proposal, without undue prejudice to other bidders and what is in the best interest of the WWMD. The WWMD's decision shall be final and binding.

7.3 The WWMD will consider the qualifications of all bidders. The WWMD may conduct such investigation as it deems necessary to assist in the evaluation of any bid and establish the responsibility, qualification and financial ability of the bidders to comply with the Bid Documents.

- 7.4 A responsible bidder is one which has the capability in all respects to perform fully the contract requirements and the business integrity to justify the award of public tax dollars.
- 7.5 Bidder must be fully qualified to deliver the labor specified in the Bid Documents. The WWMD reserves the right to request references from other parties for which bidder has provided similar labor and services.
- 7.6 If the lowest price bid or proposal is found non-responsive, a determination setting in detail and with specificity the reasons for such finding shall be issued by the APM Chairman. A copy of such determination shall be mailed to the non-responsive bidder no later than two (2) business days after the determination is made.
- 7.7 The WWMD reserves the right to reject the bid of any bidder which does not pass any such evaluation to the WWMD's satisfaction or to reject all bids, in the discretion of the WWMD.
- 7.8 It is the intent of the WWMD to award this purchase to the lowest responsible Bidder on the basis of the Bid that is in the best interest of the WWMD to accept. In evaluating a bidder's responsibility to fulfill the contract, in addition to price, the WWMD may consider the following factors:
- 7.8.1 Technical qualifications;
 - 7.8.2 Experience;
 - 7.8.3 Financial resources;
 - 7.8.4 A satisfactory record of business integrity and record of performance;
 - 7.8.5 Where the contract includes provisions for reimbursement of contractor costs, such as weekly receipts for gas and labor, the WWMD will need to see the existence of accounting and auditing procedures adequate to delineate costs, and attribute them to related expenses for the work performed relating to this contract with the WWMD.
 - 7.8.6 The number and scope of conditions attached to the Bid Proposal.
- 7.9 Failure of a bidder to provide relevant information specifically requested by the WWMD may be grounds for a determination of non-responsive and/or non-responsible.

Section 8. Appeal of Determination of Non-Responsiveness or Non-Responsible

- 8.1 Any determination that a bid is non-responsive or a bidder is non-responsible may be appealed as set forth herein.
- 8.2 Time Limit; A bidder shall have five (5) business days from receipt of the determination of non-responsiveness or non-responsible to file an appeal with the WWMD. Receipt of notice by the bidder shall be deemed to be no later than five (5) business days from the date of mailing or upon delivery, if delivered. Filing of the appeal shall be accomplished by actual delivery of the appeal document to the APM Chairman. The bidder shall also send a copy of his appeal, for informational purposes to the WWMD attorney.
- 8.3 Form and Content; The appeal shall be in writing and shall briefly state all the facts or other basis upon which the bidder contests the finding of non-responsiveness or non-responsible. Supporting documentation, if any shall be included.
- 8.4 Stay of Award of Contract Pending; Award of the contract shall be stayed pending the determination of the APM Chairman and/or WWMD Commissioners unless the APM Chairman and/or WWMD Commissioners makes a determination that proceeding with the award without delay is necessary to protect substantial WWMD riparian owners' interests. Where such determination is made, the bidder shall be advised of this action in the determination of non-responsiveness or, if the stay is removed at any time after the bidder has been notified of determination of non-responsiveness or non-responsible, notification shall be provided to the bidder no later than two (2) business days after such determination is made. The APM Chairman shall consider the appeal, and may in his or her sole discretion, meet with the bidder to discuss the merits of the appeal. The APM Chairman shall make a prompt determination with respect to the merits of the appeal, a copy of which shall be sent to the bidder. The APM Chairman's determination shall be final.

Section 9. Award:

- 9.1 WWMD reserves the right to make awards within sixty (60) days after the date of the bid opening, during which period bids may not be withdrawn.
- 9.2 The award will be based on the WWMD determination of the responsible and responsive bidder submitting the lowest bid that properly complies with the specifications as stated in this Bid Document.
- 9.3 WWMD reserves the right to cut back on the contractors working days and hours or to substitute the operation of all the equipment by utilizing a volunteer labor workforce.
- 9.4 The Bid award shall be made to the lowest responsible Bidder who submits that responsive bid that is determined to be most advantageous to the public, in the WWMD's sole discretion. In determining the responsibility of any Bidder, the WWMD may take into account other factors in addition to financial responsibility such as past records of its or other entities' transactions with the Bidder, experience, ability to manage contracted labor, ability to complete performance within the necessary time limits, and other pertinent considerations such as, but not limited to reliability, reputation, competency, skill, efficiency, equipment, and resources.

Section 10. Notice of Award:

- 10.1 If the bid is awarded by the WWMD, a written notice of award will be issued by the APM Chairman to the successful bidder. Such notice of award will constitute a binding enforceable contract between the successful bidder and the WWMD.
- 10.2 Upon receipt of the notice of award the successful bidder will be required to submit to the APM Chairman a completed W-9 form in addition to any other information or documents required by the WWMD. Failure to supply a completed W-9 form or such other information or documents required by the WWMD could be a basis to invalidate the bid.

Section 11. Breach of Contract/Termination:

16.1 If bidder fails to provide the labor and/or truck as ordered, or within the time specified, or the WWMD reserves the right to consider the ability to commit to the May timeframe as a criterion for most responsible bidder, that shall constitute a breach of the contract, and the WWMD may purchase labor from other sources to take the place of the labor not delivered. The WWMD reserves the right to authorize immediate purchase (within 24-hours) from other sources against rejections on any contract when necessary. Such purchases may be deducted from the outstanding invoices or claims, or charge backs against future invoices. Without limited the foregoing, the WWMD reserves the right to terminate the contract upon breach upon within ten (10) days of notice provided to bidder.

Section 12. Assignment Prohibited:

17.1 Bidder shall not assign, transfer, convey, sublet, subcontract or otherwise dispose of the contract or its right, title, or interest therein, or its power to execute such contract, to any other person, or entity without the prior written consent of the WWMD.

Section 13. Special Requirements:

18.1 The WWMD reserves the right to add special requirements for any bid prior to bid submittals, with prior written notice to bidders, and these requirements may supersede and/or be added to any provision contained in the instructions noted above. These instructions are to be considered an integral part of all bid proposals.

Part Three

General Specifications

I. Contract Labor to operate weed harvester and supply a ¾ or 1-Ton truck:

Work Task:

Specification:

Seasonal Operation: The contractor will be required to provide the WWMD with seasonal labor in support of operating a weed harvester on the Fox River/Lake Tichigan waterway in Waterford, WI. The WWMD anticipates the harvesting season starting on or about May 16th, 2022 and going to September 2nd 2022.

Hours/Days: The harvester operation is expected to be 5-days per week for 8-hours per day, however this operation is to be done during safe conditions. When weather conditions are deemed to be dangerous for safe operation the harvester will not be running during those times.

Minimum Hours: The WWMD will guarantee the contractor a minimum of 250-hours during the season. It is estimated that the contractor will be working their labor's over a 16-week period, however it is difficult to predict how many inclement weather days will occur during this 16-week period.

Operator requirements: Labors are expected to be at least 18-years of age, with a valid WI drivers license. Operators will need to have proof that they have taken a WI boaters safety course.

Number of Labors: Two labors will be needed to operate the weed harvesters and one labor will be needed to operate the transfer barge and then park the barge and manage the truck and conveyor/trailer at the launch. The operator manning the truck and trailer will then need to take a full load of weeds from the launch to the designed off load site located just South of Wood Drive on Hwy 164 before you get to Hwy 36.

- Weed Harvester:** The operator manning the weed harvester will need to have at least 4-hours of training before they are allowed to operate the unit on their own. The WWMD will arrange for this training.
- Daily log:** The operators will be required to keep a daily log book indicating the approximate location of the harvesting done that day as well as the number of loads harvested. Operators will also need to keep track of the types of weeds they are harvesting and record that in the log book for each load.
- Gas Receipts:** The contractor will keep track of gas receipts for filling up the weed harvester as well as the contractors truck. These receipts will be submitted on a weekly basis along with the contractors weekly invoice for work performed during that week.
- Training:** All laborers will need to be fully trained to run all types of equipment supplied by the WWMD this includes the weed harvester, conveyor/trailer and potentially a transfer barge. Each operator will have a minimum of 4-hours of training on both the weed harvester and transfer barge before being allowed to operate this equipment on their own. The contractors stated hourly rate in this contract will apply to the operator training hours. To summarize the WWMD will compensate the contractor for these training hours.
- Attire:** All laborers will be required to wear protective clothing consisting of either a tee shirt, sweat shirt or tank top with either shorts or jeans. Labors will not be allowed to wear bikini tops or remove their shirts during working hours when associated with the operation of WWMD equipment.
- Communications:** A member of the APM Committee from the WWMD will communicate on a regular basis providing instructions for what areas on the waterway will need to be harvested during that day or week of operation.

Harvesting areas: Harvester operators are to follow a strict path outlined on detailed maps, these paths have been approved by the WI DNR and deviation from these paths or areas are strictly forbidden. The APM Chairman or a committee member are the only ones who are to give directions to the harvest operators. These operators are not to take directions from a riparian owner, nor are they to perform favors for riparian owners without the permission of someone from the APM committee.

Safety: The WWMD insists on the safe operation of all equipment owned by the WWMD and operated by the contractor and his/her laborers. Safety is a primary concern and the operators are encouraged to work at a safe pace of operation, they are not to rush through their tasks or operate the equipment in an unsafe manner.

Non-Collusive Bidding Certification

By submission of this bid, Bidder and each person signing on behalf of bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his or her knowledge and belief:

The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by bidder and will not knowingly be disclosed by bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

Date: 1-17-22

Bidder:

Midwest Irrigation of S.E. WI

(Legal name of person, firm or corporation)

By:



(Signature)

Chris Sackman

(Please print name)

Owner/President

(Title)

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Aquatic Herbicide and Algaecide Applications
Lake Management Planning and Services
Pond Design and Development

January 18, 2022

Waterford Waterway Management District
c/o Bill McCormick – WWMD APM Chairman
5748 Island View Court
Waterford, Wisconsin 53185

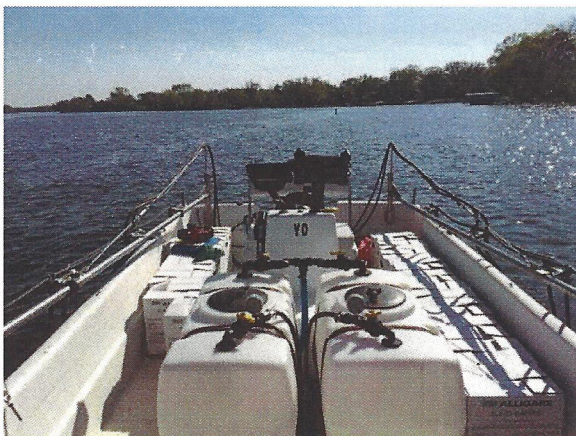
Dear Mr. McCormick and District Board Members,

In response to your request for costs, Wisconsin Lake & Pond Resource, LLC (WLPR) has prepared a cost estimate for chemical treatment of aquatic invasive species, Curly-leaf pondweed and/or Eurasian water-milfoil, and nuisance relief of various aquatic plant species for navigational purposes. This proposal briefly describes the proposed workplan, anticipated project schedule, and estimated project costs. All work would be completed in accordance with applicable federal, state, and local regulations, as outlined below.

Experience & Qualifications

As a Wisconsin based company, WLPR is proud to assist in maintaining the waters of our State for 16 years. We offer a broad suite of lake management services with the ability to cover all services at one location. AIS control services include; mechanical harvesting planning, precision herbicide application, manual hand harvesting, and water level drawdown assistance. WLPR and our entire field staff are State licensed for commercial aquatic herbicide applications. We pride ourselves on being in great standing with regulatory authorities throughout Wisconsin without any past violations.

WLPR staff and main project operation will be led by James Scharl, who has over 15 years of experience in lake management throughout Wisconsin. James has been involved in numerous application projects Statewide working as an applicator and project coordinator and is a member of the Invasive Species management board for the Lake Winnebago System. As a company, we recognize the need to stay at the forefront of application technology, products, and techniques and work closely with lake grounds, the DNR, and herbicide manufacturers to tailor specific management plans for individual situations.



Our staff has access to five fully equipped application vessels with eight fulltime and two seasonal licensed applicators. The application will utilize our customized 18-foot Carolina Skiff boat equipped with a two-tank, sub-surface injection system. Each product tank is operated using a dedicated calibrated rate controller through an assigned set of hoses, allowing us to apply up to two different non-compatible active ingredients at the same time.

All field work will be performed in a timely manner to meet deadlines and scheduled based on weather conditions. After each site visit WLPR will sanitize all equipment in accordance with NR 40 to prevent the spread of AIS to or from the Waterford Waterway.

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Application of all products is guided by a high precision BadElf GNSS Surveyor GPS unit with up to 1- meter accuracy paired with a field computer. Our setup allows us to perform in the field electronic data recording, management, and collection. Exchange of GPS data to or from this unit with past clients or the DNR has been completed on multiple projects without issue.

WLPR offers our clients a complete package of insurance including, statutory liability, comprehensive general liability, automobile liability, errors and omissions and pollution liability.

WORKPLAN

All tasks listed below are anticipated to be repeated annually and are based on our unparalleled experience with Tichigan Lake and the Waterford Waterway and utilize products, equipment, and application methods anticipated to be required in 2022-2024. Actual application areas, especially for AIS management, are unknown at this time and may vary year to year. We will remain flexible and are able to provide costing for alternative methods or products if requested for future management requirements.

TASK 1.0 PREPARE WDNR & NPDES PERMIT APPLICATIONS – 2022-2024

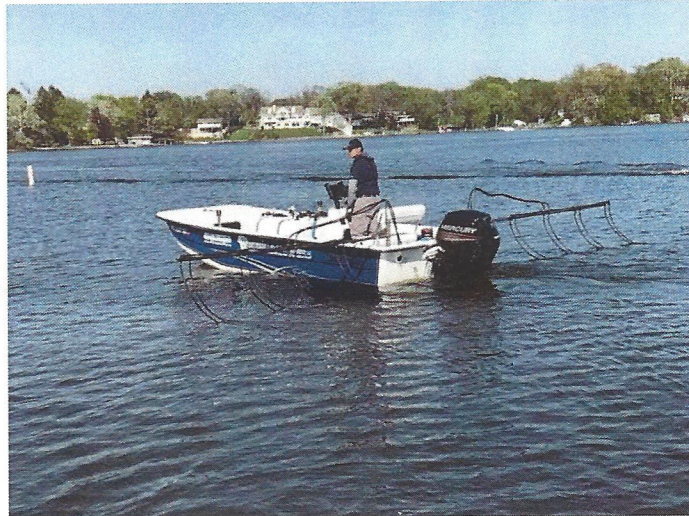
WLPR will prepare the Wisconsin Department of Natural Resources (WDNR) permit application for chemical control using treatment areas and maps created by WLPR with assistance from the District. Additional attachments required, including a draft legal publication, will be provided by WLPR to the District. Any local publishing requirements in local newspaper(s) will be the responsibility of the District. Once the permit application and riparian owner notifications are completed, they will be submitted to the DNR using the online electronic permit system. The Client is responsible for any WDNR permit fees.

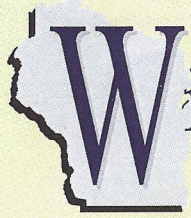
TASK 2.0 NR 107 EDUCATIONAL MAILING – 2022-2024

A packet of information regarding the proposed treatment will be distributed to members of the District consistent with NR107.04 (3) that are located within or adjacent to the permitted application areas. For past applications the District completed the notification mailing with a postcard that directs the recipient to the necessary information on a web-address on the District’s website. This task will be completed by the District, but must be completed at least 15 days prior to the chemical treatment. Required documents for the educational mailing will be provided by WLPR.

TASK 3.0 HERBICIDE TREATMENT TARGETING AIS – 2022-2024

WLPR would treat areas of the Lake consistent with the permitted application areas for the AIS EWM and/or CLP. AIS treatments would occur early season between late-April to mid-May, depending on ice out, and during periods of calm wind (<7 mph). Given liquid formulation, the herbicides would be injected subsurface through trailing hoses. WLPR utilizes flow metered pesticide control, a dual product liquid distribution system, and fold-out product booms with drop nozzles (3-4 ft). Scheduling of the application date will remain flexible to meet requested conditions. General costing for AIS management products, labor, and rates are included on the attached bid form.





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All products listed are based on past applications and expected future needs. Products are registered for use in Wisconsin by DATCP, WDNR, and EPA. Completion of this task includes posting of treatment notice signs at all access locations and any property within 150' of the final treatment area and completion of the WDNR treatment record.

TASK 4.0 HERBICIDE TREATMENTS FOR NAVIGATIONAL NUISANCE RELIEF – 2022-2024

WLPR would treat mixed native and invasive aquatic plant species that are causing a navigational nuisance. It is anticipated that treatments would be completed system-wide only once early-season, prior to the first week of June, for navigational relief. Additional visits may be required for control in Waterford Lake only. All treatments would utilize a combination of herbicides with the active ingredients and prescribed rates of flumioxazin at 0.125 PPM, diquat at 0.245 PPM, and copper 0.111 PPM.

Total product required to complete this task is based on a total acreage and average depth of treatment areas. In areas of deeper water more product is required to achieve the same target application rates. Based on past experience in the Waterford Waterway average depth through all treatment areas is closer to 3.0 ft. Costing for nuisance navigational control is provided on the attached bid form using the following data:

- **System-wide Nuisance Control:** 42.8-acres, average depth of 3-ft
- **Waterford Lake:** 1.62-acres, average depth of 4-ft

Anticipated dates for the first navigation lane herbicide treatment each year will be on or before the following dates:

- **2022** – week of June 6
- **2023** – week of June 5
- **2024** – week of June 3

The WWMD may request additional navigational lane treatments within a season. These additional treatments will be based on stated rates stated within our bid.

ESTIMATED COST & WORKPLAN

Please see attached bid form for costing of all above tasks. These costs include labor, equipment, chemical costs, and direct costs to complete the described workplan in response to the RFP. Chemical and equipment costs are based on the referenced application rates and acreages, which are subject to change based on the final WDNR approved treatment areas and application rates;

*** WDNR permit fee is based on a 50-acre permit application and includes an on-line convenience fee of 2.5% as charged by the WDNR. In the event WDNR permit fees increase over the life of this contract the District will be responsible for any increased permit fee. Treatment record(s) will be completed at no cost.**

Product costs are subject to change based on market pricing from vendors. WLPR reserves the right to change or replace products based on pricing and availability beyond our control. We offer our clients a complete package of insurance including statutory liability, comprehensive general liability, automobile liability, errors and omissions and pollution liability.

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PAYMENT TERMS & CONDITIONS

Payment for services and expenses are due upon receipt, and will accrue interest after 30 days. Final reports will be withheld until all payments are made in full. Invoices for the services performed will be submitted either upon completion of such services or on a monthly basis. Refer to the attached Agreement for additional terms and conditions.

We are pleased to submit this proposal and trust this information meets your needs. The above-stated fee proposed for this scope of services is valid for 90 days from the date of this proposal and are subject to annual adjustments. Upon review and acceptance of the proposal and attached Standard terms and Conditions, please return a signed copy of this Agreement in its entirety via mail, fax or email, keeping one copy for your records.

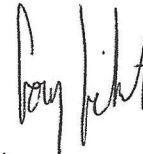
If you have any questions, or require any additional information, please don't hesitate to contact us directly at (920) 872-2032 or jim@wisconsinlpr.com. We thank you for this opportunity and look forward to working with you on this project.

Sincerely,

Wisconsin Lake and Pond Resource LLC
N7828 Town Hall Rd.
Eldorado, WI 54932
WI Herbicide Applicator License Number: 93-015182-012226



Jim Scharl
Senior Biologist- Lakes Services Manager



Cory Zickert
Senior Aquatic Manager / President

WATERFORD WATERWAY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

The Waterford Waterway Management District (hereinafter referred to as “WWMD”) is seeking competitive proposals as described below from experienced contractors to perform herbicide treatment of our navigational lanes as well as up to 2-3 treatments in one season for Waterford Lake.

Bid #1: Controlling Invasive and Native Aquatic Plants

Contractors Stated Pricing:

Prepare WDNR Permit Application and Notices: \$100.00*
Educational Mailing: \$0.00 – completed by WWMD
Labor and Mobilization Cost-Per Treatment Visit: \$675.00
WDNR Treatment Record: \$0.00

AIS Herbicides rates on a cost/gal per-product for requested herbicides, 2022-2024:

Product	Cost per Gallon		
	2022	2023	2024
Aquastrike	\$99.70	\$102.70	\$105.75
Aquathol K	\$115.50	\$112.50	\$132.00
Weedar 64	\$40.50	\$41.70	\$43.00

Herbicide Treatment for Navigational Nuisance Relief – 2022-2024

- Approved herbicides: Flumioxazin @ 0.125 PPM; Diquat @0.245 PPM; Copper @ 0.111 PPM
- Costs listed include all product and labor costs per application
- 42.8-acre navigation lane treatment costs based on average depth of 3-ft – per e-mail from Bill McCormick
- Waterford Lake treatment costs based on total of 1.62-acres and average depth of 4-ft – per past data from 2021 applications.

1. 2022 season 42.8-acre navigation lane treatment price: \$20,330.00
2. 2022 season single treatment price for Waterford Lake: \$939.60
3. 2023 season 42.8-acre navigational lane treatment price: \$20,758.00
\$955.80
4. 2023 season single treatment price for Waterford Lake: \$21,186.00
5. 2024 season 42.8-acre navigation lane treatment price: \$972.00
6. 2024 season single treatment price for Waterford Lake:

Above pricing includes contractor filling out the DNR permit paper work for each season as well as providing the WWMD with the required information for the WWMD to post in the area newspaper as well as mail out to our riparian’s.

**WDNR permit fee of \$1,301.75 is applicable to will be covered by the District. Permit fee includes 2.5% online convenience fee as charged by the WDNR.*

Terms and Conditions

The following Terms and Conditions are attached to and form part of a proposal for lake management services to be performed by Wisconsin Lake & Pond Resource, LLC (herein after referred to as WLPR) when the Customer authorizes WLPR to proceed with the services, shall constitute the AGREEMENT. This shall encompass all related lake management services for the Client, unless already under contract with another provider for additional or similar services at the time of this Agreement.

SERVICE, EQUIPMENT & MATERIAL COSTS: *SEE ATTACHED PROPOSAL FOR A BREAKDOWN OF SPECIFIC COSTS*

Travel, mileage or lump sum mobilization charge per each service date if applicable, will be based on the site location as outlined in the proposal. Additional services that are specifically requested by the Customer, and that are not covered in this contract, will be billed at a flat rate of \$75 - \$100/hour/employee or quoted per project.

BILLING AND TERMS: Balance of payment will be due upon receipt of invoice. A late payment fee of \$15, plus financing charges of 1.5% per month, will be applied to balances more than 30 days past due.

PERMITS: It is understood by both parties that state, federal, and/or local permits may be required prior to performing aquatic management, installation or construction services. WLPR will provide assistance in completing the permit(s) as outlined in the proposal and provide permit applications to the Customer, the Customer hereby agrees and is responsible to sign and submit said permit(s) with the appropriate fees to each required governmental entity prior to commencement of aquatic management services performed by WLPR. The Customer understands and agrees there may be certain liabilities and responsibilities within these permits.

PROFESSIONAL EXPECTATIONS AND LIABILITY: WLPR shall provide professional trained, insured and licensed staff to perform aquatic management, installation or construction services. WLPR staff shall exercise reasonable standard of care and will comply with the labeled requirements of all E.P.A. registered aquatic pesticides pertaining to transportation, application and disposal, and will also post required warning signs that list any water use restrictions indicated on the label. Therefore, WLPR is not liable for personal, environmental or property damages that may occur as a result of applications of aquatic pesticides.

INDEMNITY: Customer agrees to defend, indemnify and hold WLPR harmless against any claim, demands, losses, liabilities, actions, lawsuits, arbitrations, or expenses of whatever nature, that may be brought against WLPR, relating to the management services provided pursuant to this Agreement, with the exception of claims arising directly out of alleged negligent conduct of WLPR's staff while actually performing the services which are the subject of this Agreement.

BUDGET: A budgetary range has been established based on multiple criteria. While the recommended budget is required to successfully manage the described waters, WLPR reserves the right to request adjust the budget amount if there is a change in the scope, size of the management areas, product or application rates. If this results in additional costs to the Customer, this request, with the change in scope will be in submitted in writing and shall be approved by the Customer, prior to the work being completed.



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ENVIRONMENTAL LOSS: While WLPR staff shall make every effort to reduce the risk of loss of non-target aquatic life, including fish, this risk remains inherent with any aquatic management, installation or construction services. Therefore WLPR is not liable for any non-target loss, the Customer understands and accepts the risks associated with potential aquatic management activities.

SITE ACCESS: Customer agrees to provide a suitable vehicle access and boat launch to Customer's waters, if there is a fee to launch the Customer agrees to waive (if possible) or alternatively reimburse said launch fees, as part of the project costs billed to the Customer. In the absence of suitable access and launch, WLPR shall not be liable for damages done to lawns, shorelines or other property that may occur during access to the waterway.

TERMINATION: Either party may termination this agreement without cause upon 30 days written notice. Upon termination by either party, the Customer shall pay all outstanding fees for services render under this agreement to the effective date of termination.

WARRANTY: Aquatic Applications - given the numerous environmental variables associated with aquatic applications, no product performance guaranty or warranty, other than those provided by the manufacturer, are given or implied. Motors, electrical equipment, and components – warranties vary on these items due to different manufacturers. Please inquire with WLPR regarding specific warranties.

CUSTOMER AUTHORIZATION: The attached Proposal (and/or subsequent work orders or task revisions) and above Terms and Conditions are satisfactory and are hereby accepted. WLPR is authorized to perform all of the work as described.

WLPR Representative:  Date: 01/18/2021

Customer: _____ Date: _____

Authorized Representative Signature: _____

Customer Contact Name (Printed): _____

Email: _____ Phone Number: _____

Customer Billing Address: _____

01/26/2022 Treasurer's Report

Prepared on Sunday, January 23, 2022

Submitted by Margaret Shoptaw

Financial Reports

Attached are the following financial reports:

FY22 – October 1, 2021 to January 26, 2022

- Profit & Loss vs. Budget Statement – Fiscal Year to Date
- Balance Sheet – As of meeting date
- Profit & Loss by Month – Fiscal Year to Date
- Profit & Loss Detail – Fiscal Year to Date
- General Journal Entries – Fiscal Year to Date

Unfinished Business

Audit

Our FY21 Audit is very close to complete. We should be receiving our final report and financial statements in the next few weeks.

Purchasing Policy

At an earlier meeting, the idea of an exception process was discussed for purchases that could not wait for a motion to be made at the next meeting, or payments that could not wait for claims approval at the next meeting. Greg Horeth and I have drafted a purchasing procedure that covers our standard process as well as an exception process for the board's review, see the policy at the end of this report.

Motion to adopt the WWMD Purchasing Policy included in this report.

In addition to this policy, I am asking that when you want an invoice to be added to the claims report you follow two steps:

- Put a copy of the invoice into the "Claims" folder in the FY22 folder.
- Send an email stating:
 - the meeting date when the purchase was approved
 - that you have reviewed and approve the invoice
 - the account you would like charged.

This will make it harder to miss items sent to me via email and I will know exactly which items should appear on the next claims report. Once I complete the claims report I will move the invoices out of that folder and keep them for our records.

Credit Card

At the November meeting the board approved a motion for us to apply for a PayPal credit card. It turns out that PayPal won't provide credit cards to organizations like ours so I completed an application with BMO Harris. They are waiting for our final audited FY21 financials before considering our application.

New Business

1099s

1099s were mailed to vendors on Monday. We are required to issue a 1099 to any vendor that is not taxed as a corporation and with whom we've spent more than \$600 for services in a calendar year.

Entering into agreements with vendors

When we enter into an agreement with a vendor to provide goods or services, we need to collect the following information from them and place it in the "Vendors" folder in that year's folder on SharePoint:

- Completed IRS Form W-9 – this form certifies their employer ID number and what type of business they are. It is required for us to be able to issue 1099s. Vendors seem to all have them readily available but if they don't have this form, they can download it from the IRS here: <https://www.irs.gov/pub/irs-pdf/fw9.pdf>
- Current Certificate of Insurance with the WWMD listed as Additionally Insured
- Any proposals, contracts, or agreements

Document Collaboration

Now that we all have access to Office 365, we should begin using the SharePoint document storage for document sharing rather than send things as attachments to emails. That way we all know we have the latest version of the document, and we don't have to dig through our email looking for it. If you need help learning how to use the SharePoint folders, I would be happy to do a short training session the help anyone who needs it.

Riparian Property Removal

Dan Schultz was approached by Thomas Cyr, the owner of 6920 Burma Road, requesting that his property be removed from the district and not required to pay the Special Charge. Greg Horeth, Dan Schultz, and I all reviewed the property and since the lot has a shoreline of roughly 10 feet, we believe it qualifies for an exception based on the WWMD Special Charge Policy, which was approved by the board in 2018. The policy exempts any property with a shoreline of 12 feet or less from being required to pay the Special Charge. We recommend that the board approve removing this property from the district and refunding this year's Special Charge fee.

Motion that the property at 6920 Burma Road, parcel ID 016041913051000, be removed from the WWMD district rolls and the owner, Thomas Cyr, be refunded this year's \$375 Special Charge.

QuickBooks Online

Our recent subscription renewal for QuickBooks Pro Desktop was \$750 for two copies of the software. As we bring others into the district to help with bookkeeping it becomes very expensive to maintain many copies of QuickBooks. In addition, the process of sharing data from one laptop to another is very cumbersome. I checked out QuickBooks Online and found that for our purposes we can use the QuickBooks Online Plus package and have up to 5 people access our books through a web browser. In addition, for the first year the cost was only \$430. In order to test the usability, I subscribed for one year using my personal credit card and submitted a claim on this month's claims report. We will be able to get a refund on our QuickBooks Pro Desktop subscriptions. Starting next year, the price for QuickBooks

Online Plus will be about \$864 per year. If we decide not to approve the conversion, I can cancel the subscription and get a full refund.

Motion to switch from QuickBooks Pro Desktop to QuickBooks Online Plus.

WWMD Purchasing Policy

1. Purchase Approval Process:

- a. An estimate or proposal is received from a vendor and submitted to the Board by the appropriate Commissioner.
 - i. The board reviews in preparation for the next board meeting.
- b. A motion is presented at the next Board meeting by the appropriate Committee Chairperson and the Board's decision is reflected in the meeting minutes.
- c. If the motion passes, the goods or services are purchased in one of the following ways:
 - i. The vendor is told of the approval, they provide the good or service, and subsequently send an invoice to the WWMD for payment.
 1. When the invoice is received, it is reviewed by the Chairperson to ensure all goods and services were received and the invoice is correct. If there is a dispute regarding the goods or services provided, the dispute must be resolved before the invoice can be submitted to the Treasurer for claims approval.
 2. The Chairperson forwards the invoice, the meeting when the expenditure was approved, their approval of the invoice, and the account to be charged to the Treasurer for inclusion in the next month's claims report.
 3. Once the claim is approved by the Board, it is processed for payment.
 4. A copy of the invoice and approval will be maintained by both the appropriate Chairperson and the Treasurer
 - ii. If the vendor requires immediate payment, the Treasurer coordinates with the Chairperson to pay the vendor with the District Credit Card.
 1. When the goods or services are delivered, the Chairperson informs the Treasurer that the transaction is complete as expected.
 2. If there is a dispute regarding the goods or services provided and the Chairperson cannot resolve the dispute with the vendor, the Treasurer will initiate a chargeback of the credit card charge.
 3. A copy of the credit card receipt and Chairperson's approval of the completed transaction will be maintained by both the appropriate Chairperson and the Treasurer.

2. Special Exceptions:

There may be occasions where special exceptions are needed due to timing of meetings, urgency of need, or other circumstances. In this situation, for amounts over \$1,000, the Chairman may call for an additional meeting of the board. For amounts under \$1,000, the following process may be used in lieu of an additional meeting:

- a. The Committee Chairperson will present the estimate or proposal to the Chairman for approval. Among other factors, the Chairman will consider whether the expense would cause the budget line item to be exceeded.
- b. If the Chairman approves the purchase, the Chairman and/or Committee Chairperson must also review the purchase with and receive approval from either the Secretary or the Treasurer.
- c. If the Chairman and either the Treasurer or Secretary approve, the purchase can be made.
- d. The estimate or proposal must still be presented to the Board at the next meeting and follow the process above.
- e. Payment for the purchase follows all the steps described above in 1.c.

3. Records of Payments:

Each month the Treasurer will include copies of all bank and credit card statements and reconciliations as a part of the financial statements. If no regular meeting occurs during the month, statements for all intervening months will be included in the next meeting's financial statements. All Commissioners must review the statements and reconciliations to ensure there are no discrepancies or errors in the transactions shown. When the Board approves the financial statements, they are affirming that they reviewed all statements and do not see any errors or discrepancies.

Waterford Waterway Management District

Profit & Loss vs. Budget

October 1, 2021 - January 26, 2022

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Income				
Grant Income		110,000.00	-110,000.00	
Other		2,000.00	-2,000.00	
Interest Income	41.21		41.21	
Total Other	41.21	2,000.00	-1,958.79	2.06 %
Special Charge Revenue	370,875.00	375,000.00	-4,125.00	98.90 %
Total Income	\$370,916.21	\$487,000.00	\$ -116,083.79	76.16 %
GROSS PROFIT	\$370,916.21	\$487,000.00	\$ -116,083.79	76.16 %
Expenses				
Administrative				
Admin Insurance		3,000.00	-3,000.00	
Education Registrations		100.00	-100.00	
Meetings		2,000.00	-2,000.00	
Office Supplies	367.49	200.00	167.49	183.75 %
Postage & P.O. Box Fee		100.00	-100.00	
Professional Expense		10,000.00	-10,000.00	
Public Safety		6,000.00	-6,000.00	
Storage & Misc	493.00	500.00	-7.00	98.60 %
Total Administrative	860.49	21,900.00	-21,039.51	3.93 %
Aquatic Plant				
AIS Treatment		100,000.00	-100,000.00	
APM Contingency	66.61		66.61	
APM Insurance		2,000.00	-2,000.00	
APM Interest		1,167.00	-1,167.00	
Contingency		10,000.00	-10,000.00	
Equipment Maint. & Upgrades	3,118.92	11,000.00	-7,881.08	28.35 %
Fuel		8,400.00	-8,400.00	
Labor		92,160.00	-92,160.00	
Launch Improvements	1,303.66	20,000.00	-18,696.34	6.52 %
Navigation Treatments		23,000.00	-23,000.00	
Permitting		3,500.00	-3,500.00	
Storage	757.00	1,600.00	-843.00	47.31 %
Towing	750.00	1,300.00	-550.00	57.69 %
Transfer Barge Lease		24,000.00	-24,000.00	
Truck Lease		6,300.00	-6,300.00	
Total Aquatic Plant	5,996.19	304,427.00	-298,430.81	1.97 %
Contingency		10,000.00	-10,000.00	
Dredging/ESR				
ESR Contingency		15,000.00	-15,000.00	
Small Scale Dredging	518.63	100,000.00	-99,481.37	0.52 %
Total Dredging/ESR	518.63	115,000.00	-114,481.37	0.45 %
Finance				

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Grant Solicitation		20,000.00	-20,000.00	
Total Finance		20,000.00	-20,000.00	
Marketing, Info & Education				
Communication Management	62.96	2,000.00	-1,937.04	3.15 %
Community Events & Sponsorship		1,500.00	-1,500.00	
Printed Newsletters		5,000.00	-5,000.00	
Printing Services		2,000.00	-2,000.00	
Professional Services		0.00	0.00	
Special Mailings		0.00	0.00	
Website Hosting/Email Services	969.50	3,000.00	-2,030.50	32.32 %
Total Marketing, Info & Education	1,032.46	13,500.00	-12,467.54	7.65 %
Special Projects				
Water Data		5,000.00	-5,000.00	
Water Quality Improvements		15,000.00	-15,000.00	
Total Special Projects		20,000.00	-20,000.00	
Total Expenses	\$8,407.77	\$504,827.00	\$ -496,419.23	1.67 %
NET OPERATING INCOME	\$362,508.44	\$ -17,827.00	\$380,335.44	-2,033.48 %
NET INCOME	\$362,508.44	\$ -17,827.00	\$380,335.44	-2,033.48 %

Waterford Waterway Management District

Balance Sheet

As of January 26, 2022

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Checking - BMO	747.92
Money Market 2 - BMO	538,296.75
Total Bank Accounts	\$539,044.67
Accounts Receivable	
Accounts Receivable	154,125.00
Total Accounts Receivable	\$154,125.00
Other Current Assets	
Grants Receivable	14,863.00
Prepaid Expenses	0.00
Prepaid Inland Marine Insurance	1,081.00
Prepaid Liability Insurance	2,658.00
Prepaid Trailer Conv Insurance	591.00
Prepaid Workers Compensation	659.00
Total Prepaid Expenses	4,989.00
Total Other Current Assets	\$19,852.00
Total Current Assets	\$713,021.67
Fixed Assets	
Eco-Harvester	
Accum Depr - Eco-Harvester	-4,442.43
Asset - Eco-Harvester	88,849.00
Total Eco-Harvester	84,406.57
Trailer Conveyor	
Accum Depr - Trailer Conveyor	-3,166.65
Asset - Trailer Conveyor	38,000.00
Total Trailer Conveyor	34,833.35
Total Fixed Assets	\$119,239.92
TOTAL ASSETS	\$832,261.59
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts payable	1,049.61
Total Accounts Payable	\$1,049.61
Total Current Liabilities	\$1,049.61
Total Liabilities	\$1,049.61
Equity	
Retained Earnings	468,703.54
Net Income	362,508.44

	TOTAL
Total Equity	\$831,211.98
TOTAL LIABILITIES AND EQUITY	\$832,261.59

Waterford Waterway Management District

Profit and Loss by Month October 2021 - September 2022

	OCT 2021	NOV 2021	DEC 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	TOTAL
Income													
Other													\$0.00
Interest Income	14.18	13.36	13.67										\$41.21
Total Other	14.18	13.36	13.67										\$41.21
Special Charge Revenue				370,875.00									\$370,875.00
Total Income	\$14.18	\$13.36	\$13.67	\$370,875.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$370,916.21
GROSS PROFIT	\$14.18	\$13.36	\$13.67	\$370,875.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$370,916.21
Expenses													
Administrative													\$0.00
Office Supplies		367.49											\$367.49
Storage & Misc				493.00									\$493.00
Total Administrative		367.49		493.00									\$860.49
Aquatic Plant													\$0.00
APM Contingency				66.61									\$66.61
Equipment Maint. & Upgrades	3,118.92												\$3,118.92
Launch Improvements		621.16	307.50	375.00									\$1,303.66
Storage		757.00											\$757.00
Towing	750.00												\$750.00
Total Aquatic Plant	3,868.92	1,378.16	307.50	441.61									\$5,996.19
Dredging/ESR													\$0.00
Small Scale Dredging		18.63		500.00									\$518.63
Total Dredging/ESR		18.63		500.00									\$518.63
Marketing, Info & Education													\$0.00
Communication Management	15.74	15.74	15.74	15.74									\$62.96
Website Hosting/Email Services	969.50												\$969.50
Total Marketing, Info & Education	985.24	15.74	15.74	15.74									\$1,032.46
Total Expenses	\$4,854.16	\$1,780.02	\$323.24	\$1,450.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,407.77
NET OPERATING INCOME	\$ -4,839.98	\$ -1,766.66	\$ -309.57	\$369,424.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$362,508.44
NET INCOME	\$ -4,839.98	\$ -1,766.66	\$ -309.57	\$369,424.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$362,508.44

Waterford Waterway Management District

Profit and Loss Detail

October 1, 2021 - January 26, 2022

DATE	TRANSACTION TYPE	NUM	NAME	CLASS	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
Ordinary Income/Expenses								
Income								
Other								
Interest Income								
10/31/2021	Deposit	INTEREST				Money Market 2 - BMO	14.18	14.18
11/30/2021	Deposit	INTEREST				Money Market 2 - BMO	13.36	27.54
12/31/2021	Deposit	INTEREST				Money Market 2 - BMO	13.67	41.21
Total for Interest Income							\$41.21	
Total for Other							\$41.21	
Special Charge Revenue								
01/23/2022	Invoice	1002	Village of Waterford		Special Charge	Accounts Receivable	62,625.00	62,625.00
01/23/2022	Invoice	1001	Town of Waterford		Special Charge	Accounts Receivable	308,250.00	370,875.00
Total for Special Charge Revenue							\$370,875.00	
Total for Income							\$370,916.21	
Expenses								
Administrative								
Office Supplies								
11/24/2021	Bill		Gregory Horeth		QuickBooks Desktop Subscription	Accounts payable	367.49	367.49
Total for Office Supplies							\$367.49	
Storage & Misc								
01/02/2022	Bill	2201	Your Store All		Annual Storage Fee	Accounts payable	385.00	385.00
01/12/2022	Bill		Absolutely Waterford		Absolutely Waterford 2022 Registration	Accounts payable	108.00	493.00
Total for Storage & Misc							\$493.00	
Total for Administrative							\$860.49	
Aquatic Plant								
APM Contingency								
01/07/2022	Bill	410647	Southern Lakes Newspapers, LLC		Bid for harvester labor for 2022 season	Accounts payable	34.55	34.55
01/07/2022	Bill	410649	Southern Lakes Newspapers, LLC		Bid for herbicide applications for 2022 season	Accounts payable	32.06	66.61
Total for APM Contingency							\$66.61	
Equipment Maint. & Upgrades								
10/18/2021	Bill	221419	Aquarius Systems		Winterize Transfer Barge	Accounts payable	3,118.92	3,118.92
Total for Equipment Maint. & Upgrades							\$3,118.92	
Launch Improvements								
11/08/2021	Bill		Bill McCormick		DNR permits for launch construction and dredging	Accounts payable	621.16	621.16
12/10/2021	Bill		Bill McCormick		Additional Fees for DNR Launch Improvements Permit	Accounts payable	307.50	928.66
01/14/2022	Bill		Eco Waterway Services		Prepare cross section map for DNR dredging permit	Accounts payable	375.00	1,303.66
Total for Launch Improvements							\$1,303.66	
Storage								
11/09/2021	Bill		Dan Meier		EcoHarvester Storage	Accounts payable	420.00	420.00
11/10/2021	Bill	111021	Midwest Irrigation		Transport Eco-Harvester for winterization and storage	Accounts payable	337.00	757.00
Total for Storage							\$757.00	
Towing								
10/04/2021	Bill	1168661	PJ's Trucking LLC		Transport Transfer Barge	Accounts payable	350.00	350.00
10/25/2021	Bill	1168698	PJ's Trucking LLC		Barge transportation to Eagle Lake	Accounts payable	400.00	750.00
Total for Towing							\$750.00	
Total for Aquatic Plant							\$5,996.19	
Dredging/ESR								
Small Scale Dredging								
11/10/2021	Bill	407840	Southern Lakes Newspapers, LLC		Bid Notice Dredging Engineering RFP	Accounts payable	18.63	18.63
01/14/2022	Bill	2622	Eco Waterway Services		Prepare and submit small scale dredging permit	Accounts payable	500.00	518.63

DATE	TRANSACTION TYPE	NUM	NAME	CLASS	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
Total for Small Scale Dredging							\$518.63	
Total for Dredging/ESR							\$518.63	
Marketing, Info & Education								
Communication Management								
10/20/2021	Bill	INV113721129	Zoom Video Communications		Zoom 10/20/2021-11/19/2021	Accounts payable	15.74	15.74
11/20/2021	Bill	INV118873450	Zoom Video Communications		Zoom 11/20/2021-12/19/2021	Accounts payable	15.74	31.48
12/20/2021	Bill	INV123842192	Zoom Video Communications		Zoom 12/20/2021-01/19/2022	Accounts payable	15.74	47.22
01/20/2022	Bill	INV128810408	Zoom Video Communications		Zoom 1/20/2022-02/19/2022	Accounts payable	15.74	62.96
Total for Communication Management							\$62.96	
Website Hosting/Email Services								
10/01/2021	Bill	764da5c6-5777-4a27-9	Constant Contact			Accounts payable	549.50	549.50
10/20/2021	Bill		Margaret Shoptaw		Annual Office 365 - 7 Users @ \$5/mo	Accounts payable	420.00	969.50
Total for Website Hosting/Email Services							\$969.50	
Total for Marketing, Info & Education							\$1,032.46	
Total for Expenses							\$8,407.77	
Net Income							\$362,508.44	

Waterford Waterway Management District

General Journal

October 1, 2021 - January 26, 2022

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	ACCOUNT	DEBIT	CREDIT
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ACCOUNT NUMBER: [REDACTED]

90 09385

Statement Period
11/01/21 TO 11/30/21
IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT
415 N MILWAUKEE ST
WATERFORD WI 53185

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IMPORTANT NOTICE FOR YOUR BMO HARRIS DEPOSIT ACCOUNT(S):
GOOD NEWS! EFFECTIVE 11/24/21 WE HAVE MADE THE FOLLOWING IMPROVEMENTS
TO OUR FEES.

WE HAVE ELIMINATED THE \$7 CONSECUTIVE DAY OVERDRAFT FEE.

OVERDRAFT FEES ARE CHARGED WHEN AN ACCOUNT IS OVERDRAWN BY MORE THAN \$50.
PRIOR TO THIS CHANGE, OVERDRAFT FEES WERE CHARGED WHEN AN ACCOUNT WAS
OVERDRAWN BY MORE THAN \$5.

WE WILL CHARGE A MAXIMUM COMBINED TOTAL OF THREE (3) OVERDRAFT FEES AND/OR
ITEM RETURNED FEES (NSF) PER BUSINESS DAY. PRIOR TO THIS CHANGE,
THE MAXIMUM COMBINED TOTAL WAS FOUR (4).

YOUR CONTINUED USE OF THIS ACCOUNT CONFIRMS YOUR AGREEMENT TO THESE CHANGES
TO THE BMO HARRIS BANK BUSINESS SERVICE FEE SCHEDULE, THE DEPOSIT ACCOUNT
AGREEMENT AND THE OVERDRAFT FUNDING AGREEMENT FOR BUSINESS ACCOUNTS.
IF YOU HAVE QUESTIONS ABOUT ANY OF YOUR BMO HARRIS ACCOUNTS, PLEASE CALL US
TOLL-FREE AT 1-888-340-2265. BMO HARRIS BANK N.A. MEMBER FDIC.
EQUAL HOUSING LENDER. NMLS 401052 VISIT US ONLINE AT WWW.BMOHARRIS.COM

CHECKING ACCOUNTS

BMO PREMIUM BUSINESS CKG
ACCOUNT NUMBER [REDACTED]

(Checking)

WATERFORD WATERWAY MANAGEMENT DISTRICT

DEPOSIT ACCOUNT SUMMARY

Previous Balance as of October 31, 2021	11,146.51
1 Deposits (Plus)	6,500.00
7 Withdrawals (Minus)	16,010.33
Ending Balance as of November 30, 2021	1,636.18

Deposits and Other Credits

Date	Amount	Description
Nov 08	6,500.00	PC TRANSFER CREDIT

Withdrawals and Other Debits

Date	Amount	Description
Nov 09	852.00	ACH DEBIT WEB WISCONSIN STATE ONLINE PMT
Nov 09	2,000.00	ACH DEBIT WEB BAKER TILLY VIRG ONLINE PMT

ACCOUNT NUMBER: XXXXXXXXXX

90 09385

Statement Period
11/01/21 TO 11/30/21
IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT

PAGE 2 OF 2

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Nov 22 15.74 ACH DEBIT INST XFER
WEB PAYPAL

Checks by Serial Number

Date	Serial #	Amount	Date	Serial #	Amount
Nov 03	1501	420.00	Nov 02	5141 *	68.00
Nov 15	5133 *	9,535.67	Nov 15	5142	3,118.92

* Indicates break in check sequence

Daily Balance Summary

Date	Balance	Date	Balance
Oct 31	11,146.51	Nov 09	14,306.51
Nov 02	11,078.51	Nov 15	1,651.92
Nov 03	10,658.51	Nov 22	1,636.18
Nov 08	17,158.51		

Waterford Waterway Management District
Reconciliation Detail
Checking - BMO, Period Ending 11/30/2021

Type	Date	Num	Name	Clr	Amount	Balance
Beginning Balance						11,146.51
Cleared Transactions						
Checks and Payments - 7 items						
Bill Pmt -Check	09/29/2021	5133	Midwest Irrigation	X	-9,535.67	-9,535.67
Bill Pmt -Check	10/24/2021	5141	Bitco Insurance Companies	X	-68.00	-9,603.67
Bill Pmt -Check	11/02/2021	5142	Aquarius Systems	X	-3,118.92	-12,722.59
Bill Pmt -Check	11/02/2021	S3K...	Baker Tilly Virchow Krause, LLP	X	-2,000.00	-14,722.59
Bill Pmt -Check	11/02/2021	S3K...	Wisconsin State Lab of Hygiene	X	-852.00	-15,574.59
Bill Pmt -Check	11/02/2021	1501	Margaret Shoptaw	X	-420.00	-15,994.59
Bill Pmt -Check	11/20/2021		Zoom Video Communications	X	-15.74	-16,010.33
Total Checks and Payments					-16,010.33	-16,010.33
Deposits and Credits - 1 item						
Transfer	11/06/2021			X	6,500.00	6,500.00
Total Deposits and Credits					6,500.00	6,500.00
Total Cleared Transactions					-9,510.33	-9,510.33
Cleared Balance					-9,510.33	1,636.18
Register Balance as of 11/30/2021					-9,510.33	1,636.18
New Transactions						
Checks and Payments - 3 items						
Bill Pmt -Check	12/06/2021	S72S...	Bill McCormick		-621.16	-621.16
Bill Pmt -Check	12/06/2021	S72S...	Dan Meier		-420.00	-1,041.16
Bill Pmt -Check	12/06/2021	S72S...	Midwest Irrigation		-337.00	-1,378.16
Total Checks and Payments					-1,378.16	-1,378.16
Deposits and Credits - 1 item						
Transfer	12/06/2021				2,000.00	2,000.00
Total Deposits and Credits					2,000.00	2,000.00
Total New Transactions					621.84	621.84
Ending Balance					-8,888.49	2,258.02

BMO HARRIS BANK N.A.
P.O. BOX 94033
PALATINE, IL 60094-4033

31429

ACCOUNT NUMBER: [REDACTED]

01 09385

Statement Period
11/01/21 TO 11/30/21
IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT
415 N MILWAUKEE ST
WATERFORD WI 53185-4434

PAGE 1 OF 2

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IMPORTANT NOTICE FOR YOUR BMO HARRIS DEPOSIT ACCOUNT(S) :
GOOD NEWS! EFFECTIVE 11/24/21 WE HAVE MADE THE FOLLOWING IMPROVEMENTS
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TO THE BMO HARRIS BANK BUSINESS SERVICE FEE SCHEDULE, THE DEPOSIT ACCOUNT
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EQUAL HOUSING LENDER. NMLS 401052 VISIT US ONLINE AT WWW.BMOHARRIS.COM

CHECKING ACCOUNTS

**BUS PRIME MONEY MARKET
ACCOUNT NUMBER** [REDACTED]

(Checking)

WATERFORD WATERWAY MANAGEMENT DISTRICT

Interest Paid YTD 236.86

DEPOSIT ACCOUNT SUMMARY

Previous Balance as of October 31, 2021	330,019.72
1 Withdrawals (Minus)	6,500.00
Interest Paid (Plus)	13.36
Ending Balance as of November 30, 2021	323,533.08

Deposits and Other Credits

Date	Amount	Description
Nov 30	13.36	INTEREST PAID

Withdrawals and Other Debits

Date	Amount	Description
Nov 08	6,500.00	PC TRANSFER DEBIT

BMO HARRIS BANK N.A.
 P.O. BOX 94033
 PALATINE, IL 60094-4033

31430

ACCOUNT NUMBER: XXXXXXXXXX

01 09385

Statement Period
 11/01/21 TO 11/30/21
 IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT

PAGE 2 OF 2

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Daily Balance Summary

Date	Balance	Date	Balance
Oct 31	330,019.72	Nov 30	323,533.08
Nov 08	323,519.72		

Statement Period Rates

Effective	Nov 01, 2021	----- Balance	-----	Rate
		ZERO to	4,999	0.050 %
		5,000 to	9,999	0.050 %
		10,000 to	24,999	0.050 %
		25,000 to	49,999	0.050 %
		50,000 to	99,999	0.050 %
		100,000 to	249,999	0.050 %
		250,000 to	499,999	0.050 %
		500,000 to	999,999	0.050 %
		1,000,000 to	99,999,999,999	0.050 %

Waterford Waterway Management District
Reconciliation Detail
Money Market 2 - BMO, Period Ending 11/30/2021

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Clr</u>	<u>Amount</u>	<u>Balance</u>
Beginning Balance						330,019.72
Cleared Transactions						
Checks and Payments - 1 item						
Transfer	11/06/2021			X	-6,500.00	-6,500.00
Total Checks and Payments					-6,500.00	-6,500.00
Deposits and Credits - 1 item						
Deposit	11/30/2021			X	13.36	13.36
Total Deposits and Credits					13.36	13.36
Total Cleared Transactions					-6,486.64	-6,486.64
Cleared Balance					-6,486.64	323,533.08
Register Balance as of 11/30/2021					-6,486.64	323,533.08
New Transactions						
Checks and Payments - 1 item						
Transfer	12/06/2021				-2,000.00	-2,000.00
Total Checks and Payments					-2,000.00	-2,000.00
Total New Transactions					-2,000.00	-2,000.00
Ending Balance					-8,486.64	321,533.08

ACCOUNT NUMBER: XXXXXXXXXX

90 09385

Statement Period
12/01/21 TO 12/31/21
IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT
415 N MILWAUKEE ST
WATERFORD WI 53185

PAGE 1 OF 1

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LENDER. NMLS401052 VISIT US ONLINE AT WWW.BMOHARRIS.COM.

CHECKING ACCOUNTS

BMO PREMIUM BUSINESS CKG
ACCOUNT NUMBER XXXXXXXXXX

(Checking)

WATERFORD WATERWAY MANAGEMENT DISTRICT

DEPOSIT ACCOUNT SUMMARY

Previous Balance as of November 30, 2021	1,636.18
1 Deposits (Plus)	2,000.00
6 Withdrawals (Minus)	2,068.89
Ending Balance as of December 31, 2021	1,567.29

Deposits and Other Credits

Date	Amount	Description
Dec 06	2,000.00	PC TRANSFER CREDIT

Withdrawals and Other Debits

Date	Amount	Description
Dec 13	337.00	ACH DEBIT
		WEB MIDWEST IRRIGATI ONLINE PMT
Dec 13	420.00	ACH DEBIT
		WEB DAN MEIER ONLINE PMT
Dec 13	621.16	ACH DEBIT
		WEB BILL MCCORMICK ONLINE PMT
Dec 21	15.74	ACH DEBIT
		WEB PAYPAL INST XFER

Checks by Serial Number

Date	Serial #	Amount	Date	Serial #	Amount
Dec 21	1445	367.49	Dec 23	1447 *	307.50

* Indicates break in check sequence

Daily Balance Summary

Date	Balance	Date	Balance
Nov 30	1,636.18	Dec 21	1,874.79
Dec 06	3,636.18	Dec 23	1,567.29
Dec 13	2,258.02		

Waterford Waterway Management District
Reconciliation Detail
Checking - BMO, Period Ending 12/31/2021

Type	Date	Num	Name	Clr	Amount	Balance
Beginning Balance						1,636.18
Cleared Transactions						
Checks and Payments - 6 items						
Bill Pmt -Check	12/06/2021	S72S...	Bill McCormick	X	-621.16	-621.16
Bill Pmt -Check	12/06/2021	S72S...	Dan Meier	X	-420.00	-1,041.16
Bill Pmt -Check	12/06/2021	S72S...	Midwest Irrigation	X	-337.00	-1,378.16
Bill Pmt -Check	12/20/2021	1445	Gregory Horeth	X	-367.49	-1,745.65
Bill Pmt -Check	12/20/2021		Zoom Video Com...	X	-15.74	-1,761.39
Bill Pmt -Check	12/21/2021	1447	Bill McCormick	X	-307.50	-2,068.89
Total Checks and Payments					-2,068.89	-2,068.89
Deposits and Credits - 1 item						
Transfer	12/06/2021			X	2,000.00	2,000.00
Total Deposits and Credits					2,000.00	2,000.00
Total Cleared Transactions					-68.89	-68.89
Cleared Balance					-68.89	1,567.29
Uncleared Transactions						
Checks and Payments - 1 item						
Bill Pmt -Check	12/28/2021	S9B...	Southern Lakes N...		-18.63	-18.63
Total Checks and Payments					-18.63	-18.63
Total Uncleared Transactions					-18.63	-18.63
Register Balance as of 12/31/2021					-87.52	1,548.66
Ending Balance					-87.52	1,548.66

BMO HARRIS BANK N.A.
P.O. BOX 94033
PALATINE, IL 60094-4033

26737

ACCOUNT NUMBER: XXXXXXXXXX

01 09385

Statement Period
12/01/21 TO 12/31/21
IM0099002900000000

WATERFORD WATERWAY MANAGEMENT DISTRICT
415 N MILWAUKEE ST
WATERFORD WI 53185-4434

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LENDER. NMLS401052 VISIT US ONLINE AT WWW.BMOHARRIS.COM.

CHECKING ACCOUNTS

**BUS PRIME MONEY MARKET
ACCOUNT NUMBER** XXXXXXXXXX

(Checking)

WATERFORD WATERWAY MANAGEMENT DISTRICT

Interest Paid YTD 250.53

DEPOSIT ACCOUNT SUMMARY

Previous Balance as of November 30, 2021	323,533.08
1 Withdrawals (Minus)	2,000.00
Interest Paid (Plus)	13.67
Ending Balance as of December 31, 2021	321,546.75

Deposits and Other Credits

Date	Amount	Description
Dec 31	13.67	INTEREST PAID

Withdrawals and Other Debits

Date	Amount	Description
Dec 06	2,000.00	PC TRANSFER DEBIT

Daily Balance Summary

Date	Balance	Date	Balance
Nov 30	323,533.08	Dec 31	321,546.75
Dec 06	321,533.08		

Statement Period Rates

Effective	Date	Balance	Rate
Effective	Dec 01, 2021	ZERO to	4,999 0.050 %
		5,000 to	9,999 0.050 %
		10,000 to	24,999 0.050 %
		25,000 to	49,999 0.050 %
		50,000 to	99,999 0.050 %
		100,000 to	249,999 0.050 %
		250,000 to	499,999 0.050 %
		500,000 to	999,999 0.050 %
		1,000,000 to	99,999,999,999 0.050 %

Waterford Waterway Management District
Reconciliation Detail
Money Market 2 - BMO, Period Ending 12/31/2021

Type	Date	Num	Name	Clr	Amount	Balance
Beginning Balance						323,533.08
Cleared Transactions						
Checks and Payments - 1 item						
Transfer	12/06/2021			X	-2,000.00	-2,000.00
Total Checks and Payments					-2,000.00	-2,000.00
Deposits and Credits - 1 item						
Deposit	12/31/2021			X	13.67	13.67
Total Deposits and Credits					13.67	13.67
Total Cleared Transactions					-1,986.33	-1,986.33
Cleared Balance					-1,986.33	321,546.75
Register Balance as of 12/31/2021					-1,986.33	321,546.75
Ending Balance					-1,986.33	321,546.75

Committee Reports

Scott Uhler <specialprojects@waterfordwwmd.com>

Sun 1/23/2022 12:46 PM

To: Dan Schultz <secretary@waterfordwwmd.com>

WATERFORD WATERWAY MANAGEMENT DISTRICT

LEGISLATIVE COMMITTEE

Monthly Committee Report

January 26, 2022

Chairperson Scott Uhler

This continues to be proposed legislation, but the monies which could become available appear to be relevant to our activities and expenditures.

[2021 SENATE BILL 678 -- BILL HISTORY](#)

relating to: eligibility for producer-led watershed, lake, and river protection grants; and the annual allocation plan for county conservation grants.

- 11/11/2021: Representatives Spreitzer, Vining, Conley, Ohnstad and Emerson added as cosponsors
- 12/16/2021: Executive action taken
- 12/16/2021: Report adoption of [Senate Amendment 1](#) recommended by Committee on Agriculture and Tourism, Ayes 9, Noes 0
- 12/16/2021: Report passage as amended recommended by Committee on Agriculture and Tourism, Ayes 9, Noes 0 put in Committee on Senate Organization
- 12/16/2021: Available for scheduling
- 1/21/22: Placed on calendar 1-25-2022 pursuant to Senate Rule 18(1)

Among other issues, this bill expands eligibility for producer-led watershed protection grants, lake protection grants, and river protection grants; and creates a factor to be considered during preparation of the annual allocation plan for soil and water resource conservation grants to counties.

Lake protection grants and river protection grants

Under current law, DNR provides lake protection grants for monitoring and improving water quality in lakes. Currently, eligible recipients for these grants include nonprofit conservation organizations, counties and municipalities, qualified lake associations, town sanitary districts, qualified school districts, public inland lake protection and rehabilitation districts, and other local governmental units that are established for the purpose of lake management.

Under current law, DNR provides river protection grants for monitoring and improving water quality in rivers. Currently, eligible recipients for these grants include local governmental units, qualified river management organizations, and nonprofit conservation organizations.

WATERFORD WATERWAY MANAGEMENT DISTRICT

SPECIAL PROJECTS COMMITTEE

Monthly Committee Report

January 26, 2022

Chairperson Scott Uhler

No new information or status regarding the County identified stormwater runoff projects that are now in the County "queue". The County is working to assist with the application process for DNR funding for stormwater runoff remediation projects, in particular with the engineering & site planning which will be needed. The DNR application process will require additional expertise to provide the necessary site, maintenance and engineering plans to ensure submission of a complete application. The County indicated we could identify 2 projects, as they are working on numerous others across Racine County. The County completed at least one site visit in the fall. We will continue to monitor.

The Chair and I are also working on interviewing and identifying potential grant writing entities for consideration by the Commission. We will provide updates at the meeting.



Waterford Waterway Management District
Navigation and Hydraulic Management Committee Report
01.24.2022

The ESR Committee has been busy in the past two months communicating with engineers with regards to their bids for assisting in the development of a Project Manual or Bidding Document for dredging. We are pleased that we have a formal bid that meets the requirements from a scope and timeframe perspective.

If we look back to 2021, the committee had created a document as the basis for the Project Manual, which we planned to modify with the assistance of GRAEF for approximately \$5,000. GRAEF's knowledge of and experience with our waterway, combined with many historical documents that they created for previous dredging attempts meant that we would not have to recreate the wheel and could move forward quickly with our plans. Based on multiple commissioners' concerns with GRAEF and their past inability to implement a dredging project, the GRAEF proposal for this work was rejected and the committee began the process of going out for public bid.

The public bidding process did not yield the results we had hoped for, and on the day bids were to be opened there were no bids submitted to the WWMD. All of the work the committee put forth in developing the project in a vacuum that did not include an engineer created an undesirable bid environment for engineers, as they all have the desire to be the first ones on the project and to develop the project from the very beginning. Having historical documents including sediment sample reports, underground utility markings, maps showing access points, etc actually made engineers NOT want to bid on our project, as most seemed to only trust information that they themselves would verify and/or create. This made our timeline for the request impossible, and even if they were able to meet the time frame they were less interested as we indicated we didn't want them to spend our money on sediment sampling or recreating existing documents that we already possess.

After the public bidding was over the committee had discussions with four firms with whom we have had discussions in the past. We drilled down their issues and found one engineer who put the time and effort forth to bid on our project. Multiple discussions with the other three have not yet led to a hard bid or commitment beyond a rough budget number for our entire project.***

Should the commission move forward with the proposal, the committee will be adding between four and six new members to focus on:

1. Collecting local documentation needed for dredging project manual
2. Financing
3. Legal
4. Donations and alternative financial support
5. Communications
6. Collection of final directly affected owner documentation

In addition to the work with the engineers, the committee has been meeting again with landowners to confirm disposal site quantities and methods. In the midst of all of this, we have been going through



submission of our dredging permit to the DNR and modifications to the permit as it was developed by Eco Waterway. We have narrowed down the quantities of sediment, locations of channels and their lengths, widths, and depths to calculate the amount of sediment, which is the factor that is most directly-correlated with what our cost will be. The proposal was submitted to the DNR in January and we should have responses from the DNR in February.

If the engineering proposal is approved by the WWMD in January the dredging bidding will go out in April and come back in early May. We will review the bids and then go to a vote by our riparian owners in mid-May. If the price is where we expect it to be, and approved by owners, then we will begin dredging on July 5th, 2022.

***Further information regarding the budget number we received from Foth:

Joe Liebau from Foth is fighting an uphill internal battle with his company to provide a proposal that abides by the scope we are requesting or an alternate that aligns more with their processes and procedures. In lieu of a formal proposal or putting together an estimate of any kind, he sent an email with a general rule of thumb calculation stating that our project is probably a \$2.5M project and that their engineering costs are generally 10% of the project cost when working from start to completion, and therefore their number would be around \$250,000. Foth's timeline and ability to put together what we are requesting would not allow us to dredge in 2022. At the time of this report, Foth is working on breaking that \$250,000 number down into specific phases or parts of the project.

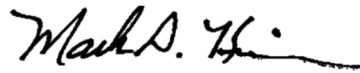


Failure to complete the RFP in its entirety per the scope of this agreement will result in withholding of payment or non-payment.

Engineer shall communicate with the WWMD Dredging Committee Chair, Grant Horn, every other weekday via telephone to review progress and ask questions.

Engineer's price: Eighty-thousand, three-hundred thirty-six (\$80, 336) (USD)

Additional Price for Additional Drawings and Documents: Twenty-two thousand, nine hundred seventy-six (\$22,976) (USD)



Signature

1-22-22
Date

Mark S. Kieser, Senior Scientist/Principal
Name and Title

Proposal for Professional Services

Prepared for:

Waterford Waterway Management District
c/o Commissioner Grant Horn
5826 N River Bay Road
Waterford, WI 53185

Assistance with RFP Development for Dredging the Fox River Impoundment and Portions of Tichigan Lake



KIESER & ASSOCIATES
ENVIRONMENTAL SCIENCE & ENGINEERING

Geosyntec
consultants

Prepared by:

Kieser & Associates, LLC
536 East Michigan Avenue
Suite 300
Kalamazoo, MI 49007
www.kieser-associates.com
(269) 334-7117

In cooperation with:

Geosyntec Consultants, Inc.
10600 N Port Washington
Rd #100
Mequon, WI 53092
www.geosyntec.com
(630) 203-3362

January 21, 2022

OVERVIEW

The Waterford Waterway Management District (WWMD) has requested proposals for assistance to prepare engineering specifications and bid documents for dredging the Fox River Impoundment and portions of Tichigan Lake. ECO Waterway Services LLC, on behalf of the WWMD, has submitted an application for an Individual Dredging Project permit to the Wisconsin DNR for this effort. The Project Team of Kieser & Associates, LLC (K&A) and Geosyntec Consultants, Inc. (Geosyntec) are herein proposing to develop project specifications and bid documents for WWMD bidding of this dredge project. K&A will be the Project Team lead for engineering services and contracting with WWMD, with Geosyntec providing technical support and expertise for quality assurance of K&A developed bid documents.

STATEMENT OF UNDERSTANDING

Based on the original WWMD proposal request for engineering support, the K&A/Geosyntec Team recognizes expressed WWMD expectations that will be the cornerstone of our efforts. These include:

- Use of the EJCDC RFP template for bidding with relevant project considerations.
- Thorough review of the basis of the project, which has already been initiated by K&A with our review of historic site data, WWMD email considerations (for extension of proposal submittal timing, schedule and clarifying questions), and the individual dredge permit prepared by ECO Waterway Services.
- Dredging RFP must provide bidders with a clear understanding of WWMD expectations for a fully executed project, meeting lowest price/greatest value outcomes.
- A comprehensive dredging RFP that will specify all relevant bidder documents. Where there are document gaps, K&A will also define these, as well as what will be necessary to address these gaps outside of the proposed engineering support for dredging RFP development.
- K&A RFP documentation will ensure there are appropriate metrics for dredge quantity measurement, geospatial outcomes and spoils disposal will meet WDNR permit requirements.
- Bid document coverage of WWMD liability for WDNR, Army Corps of Engineers, DATCP and other regulatory project constraints.
- K&A team provision of recommended alternatives for project elements not in the best interests of anticipated WWMD project elements as far as dredging project outcomes and associated costs.
- A dredging RFP with clearly stated contractor deliverables, methods, spoils transport and disposal site uses, dredge material quantification, disposal site operation and maintenance expectations, and disposal site restoration to original conditions following completion of dredging operations.
- RFP contractor specifications for recording and reporting dredging actions by location that address WWMD progress measurement needs and payment terms for outcomes/spoils removal.
- Specification of penalty clauses for contractor failures to perform per specifications.

PROPOSED K&A TEAM SCOPE OF WORK

For the K&A Team response to meet these WWMD expectations for developing the dredging RFP for WWMD letting, we propose the following scope of work, specifically Tasks 1-3 to complete recommended elements for bidding.

Task 1 – Project Manual Development

Using the EJCDC template from the original request for proposals as a base document, the K&A Team will modify and complete a project manual incorporating/referencing the Individual Dredging Permit and Permit information identified therein by ECO Waterway Services into the project manual.

The K&A Team has reviewed the WWMD engineering scope of work and acknowledges the requirements therein (and as outlined above for project elements), excepting the Project Specifics for the Dredging RFP which were modified by the permit submittal by ECO Waterway Services. Included in the pricing for project manual development are:

1. Mapping providing GPS coordinates for the permit-denoted navigational channels and dredging polygons.
2. Details needed to support and control the dredging operation.
3. Soil Erosion and Dewatering Specifications for the access and dewatering of sediment at designated disposal sites sufficient for bidding and assignment of site responsibilities to the contractor (this will include K&A Team site visits before dredging RFP issuance).

To provide the proper measurement and payment controls, we are recommending three types of surveying: a) Pre-Construction Sediment Survey, b) continuous progress surveys done weekly by the contractor, and; c) Post-Construction Sediment Survey. Pre- and post-construction surveys would be completed by the third-party engineer for the WWMD. All surveys will be done with GPS coordinates such that they can be consistently overlain with each other. All three surveys will be used to confirm quantities and the work accomplished. The pre- and the post-construction surveys will be used to confirm final quantities. Residential property surveying is not included in the K&A Team scope, however, GPS mapping of properties in conjunction with existing on-line mapping resources, will be completed under Task 1. The Team anticipates that these maps will ultimately be used to identify the approximate amount of dredging adjacent to shoreline properties following completion of dredging 2022 activities. We anticipate that the continuous progress surveys will be done by the dredging contractor and reviewed by the WWMD consultant on a weekly basis on behalf of WWMD to track the work and identify any quality control issues.

Overall, the K&A Team anticipates under Task 1 that there may be some changes to the EJCDC template specifications as appropriate for ensuring value and outcomes to the WWMD. Given the relatively short timeframe to prepare bid documents, we also anticipate addressing select issues (e.g., dredge spoil site restoration) with specifications rather than engineered plans. The dredging RFP will also include options for bidder alternatives where appropriate, that can also potentially serve to enhance project value and outcomes.

Task 2 – Bidding and Bid Support

The K&A Team will provide bidding support to WWMD during this process to answer any bidder questions and provide any addenda as needed. The Team will attend a Pre-bid meeting, review the bids, and provide WWMD with award recommendations.

Task 3 – Pre-Construction Sediment Documentation

We are including the proposed pre-construction survey as part of our engineering support to WWMD dredging bid document preparation. This will ensure bidders have updated site information (as historic data are now 6+ years old) before bid submission as a means to enhance competitive pricing. A post-construction survey (Task 5) is recommended as an alternative to the Task 1-3 scope since this would occur at the end of the 2022 dredging season, well beyond the approximate 8 weeks of Team efforts on dredging bid preparation and Task 3 surveying.

Using GPS and sonar, K&A will map by boat, the Pre-construction sediment conditions along the proposed dredging polygons as identified in the permit and project manual documentation. This documentation will be used to provide the initial sediment levels for the final pay quantity for the dredging project. Observed sediment levels will be correlated to water depths associated with reported lake levels at the time of surveying. This activity should happen shortly following ice-out, with map drawings made available to potential bidders as an Addendum before bids are due. As such, the K&A Project Team costs for this task are included as the “Additional Drawings and Documents Price” on our completed bid sheet.

Alternatives to support WWMD post-contractor selection for 2022 dredging activities are outlined in the following Tasks 4-5.

Alternative Task 4 – First-season Construction Support

The K&A Team will provide a senior level staffer for weekly meetings with the contractor to go over the progress of the project, review the weekly progress surveys, and review any issues with the dredging, permit or construction issues that arise. The Team will work with WWMD to resolve identified issues in a timely manner to meet permit requirements and the construction schedule. It is expected that the first season construction will focus mainly on the channels with the bulk of the work depending on the construction schedule. Additional construction support can be offered as needed depending on the schedule. Estimated costs for this task to not include final inspections for disposal site restoration at this time.

Alternative Task 5 – Post-construction Record of Sediment Removal

Using GPS and sonar mapping methods consistent with Task 3, the K&A Team will map post-construction sediment levels along the proposed dredged polygons as identified in the permit and project manual documentation. The documentation will provide any quality control locations that may need attention prior to final acceptance. This documentation will also be used to provide the final pay quantities for the dredging project. A final map will be provided for the documentation of the navigational channels with GPS coordinates, along with assistance for determining quantities removed per riparian property boundaries (from Task 1) for WWMD use.

K&A Team Proposal Contingencies/Caveats:

As the K&A Team has not been formally involved in WWMD activities leading up to the request for engineering support, there may conditions which will be beyond our control for providing bid documents for a dredging RFP. We specifically denote these here.

- The Team will not be responsible for any permit modifications that may be required by DNR with the permit submitted by ECO Waterway Services. If there are permit amendments that are required, we will support WWMD and their other contractor as requested, though costs associated with such efforts are not a part of our current bid.
- If WDNR denies the dredge permit and WWMD determines that they will not proceed with the project, the K&A Team will be reimbursed for all time & material project costs up to the point of project termination issued to K&A by WWMD.
- We anticipate unknown conditions could arise during bid specifications development related to sediments, sediment characteristics, disposal site constraints, and project implementability that our Team could not have foreseen. As such, K&A will notify WWMD of these conditions if discovered during the course of Task 1-3 activities proposed herein. We would expect good faith efforts between parties to assess necessary alterations to the K&A Team bid and scope if these unknowns create additional costs to perform authorized services.
- We do not anticipate developing site-specific engineering plans for disposal sites and/or restoration plans unless requested. These will otherwise be addressed with bid specifications referencing permit, WNDR and/or site owner requirements and/or expectations.

BUDGET/TIMELINE

The following table summarizes anticipated K&A Team costs and the timeline to complete Tasks 1-3 as proposed. We provide this information to WWMD as the basis for our pricing such that the client is aware of our anticipated level of effort. Costs for Tasks 4 and 5, also included in this table, are preliminary estimates at this time and can be refined after bid specs are drafted if WWMD determines this additional support is necessary/desired.

Task Description	K&A Staff								Geosyntec Staff				Direct Costs	Line Item Subtotals	Timeline
	Senior Scientist (\$210/hr)		Senior Engineer (\$160/hr)		Environmental Engineer (\$110/hr)		Technical Support (\$70/hr)		Senior Engineer (\$224/hr)		Senior Staff Professional (\$154/hr)				
	Hours	Costs (\$)	Hours	Costs (\$)	Hours	Costs (\$)	Hours	Costs (\$)	Hours	Costs (\$)	Hours	Costs (\$)			
Task 1 - Project Manual															
On-site visit with WWMD staff/representatives	2	420	16	2,560	-	-	-	-	-	-	-	-	1,000	3,980	Feb-Mar
Preliminary compilation of information	4	840	32	5,120	16	1,760	20	1,400	-	-	-	-	1,000	10,120	Feb-Mar
Review RFP data and prepare draft RFP	10	2,100	40	6,400	-	-	24	1,680	-	-	-	-	-	10,180	Feb-Mar
Mapping and Details as needed	4	840	24	3,840	36	3,960	40	2,800	12	2,688	16	2,464	-	16,592	Feb-Mar
Quality Assurance Check By Geosyntec	2	420	8	1,280	-	-	-	-	28	6,272	52	8,008	1,000	16,980	Mar
Finalization of RFP for Bidding	8	1,680	56	8,960	16	1,760	12	840	-	-	-	-	-	13,240	Mar
<i>Task 1 Subtotals</i>	<i>30</i>	<i>6,300</i>	<i>176</i>	<i>28,160</i>	<i>68</i>	<i>7,480</i>	<i>96</i>	<i>6,720</i>	<i>40</i>	<i>8,960</i>	<i>68</i>	<i>10,472</i>	<i>3,000</i>	<i>71,092</i>	
Task 2 - Bidding Support															
On-site visit with WWMD staff/representatives	2	420	30	4,800	-	-	-	-	8	1,792	8	1,232	1,000	9,244	Apr
<i>Task 2 Subtotals</i>	<i>2</i>	<i>420</i>	<i>30</i>	<i>4,800</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>8</i>	<i>1,792</i>	<i>8</i>	<i>1,232</i>	<i>1,000</i>	<i>9,244</i>	
<i>Engineer's Price Task 1-2 - Subtotals/TOTAL</i>	<i>32</i>	<i>6,720</i>	<i>206</i>	<i>32,960</i>	<i>68</i>	<i>7,480</i>	<i>96</i>	<i>6,720</i>	<i>48</i>	<i>10,752</i>	<i>76</i>	<i>11,704</i>	<i>4,000</i>	<i>80,336</i>	
Additional Drawings Task 3 - Pre-construction Sed Survey	6	1,260	24	3,840	40	4,400	120	8,400	6	1,344	8	1,232	2,500	22,976	Apr
ALTERNATIVE Scope of Work Tasks (Costs are estimates)															
Task 4 - First-season Construction Support	2	420	24	3,840	16	1,760	120	8,400	60	13,440	16	2,464	3,500	33,824	June-Sept
Task 5 - Post-construction Sediment Documentation	6	1,260	24	3,840	40	4,400	80	5,600	24	5,376	16	2,464	2,500	25,440	Sept
<i>Alternative Services - Subtotals/TOTAL</i>	<i>8</i>	<i>1,680</i>	<i>48</i>	<i>7,680</i>	<i>56</i>	<i>6,160</i>	<i>200</i>	<i>14,000</i>	<i>84</i>	<i>13,440</i>	<i>32</i>	<i>3,520</i>	<i>14,500</i>	<i>60,980</i>	

Based on this tabulated information, the "Engineer's Price" for K&A Team Tasks 1-2 is **\$80,336.00**. This price is inclusive for all drawings and documentation necessary for the dredging RFP bid project manual development per our noted conditions in the proposed scope of work for Tasks 1 and 2.

Our Task 3 cost of **\$22,976.00** is offered as our "Additional Price for Additional Drawings and Documents" for supplementing bidder information on updated sediment conditions.

Given that the K&A Project Team bid for engineering support services to the WWMD will now take place over 2-3 months, versus the original vision of less than two weeks, K&A is requesting contract/payment

terms on a time & material, not-to-exceed pricing basis. This approach would also provide cost-savings to WWMD if the K&A Team did not incur costs as presented to achieve task deliverables. The time & material basis would include monthly invoicing to WWMD with net 30-day payment terms. A 10% (or similar) hold-back for final payment would be acceptable to the K&A Team for the WWMD to ensure satisfactory deliverables.

PROJECT TEAM QUALIFICATIONS

K&A and Geosyntec are currently collaborating on a number of projects in the U.S. These range geographically from the West Coast to the Midwest. Our mutual interests for moving environmental assessment to implementable solutions is playing out in Northern Illinois where a Geosyntec/K&A team is modeling watershed and water quality in the Des Plaines River to develop realistic and achievable plans to meet water quality standards. K&A's national expertise in market-based environmental program development for water quality trading in being tapped in the Bay Area of California to identify new and innovative watershed-wide programs to address challenging contaminant and stormwater loading issues for PCBs. This working and trusted relationship between K&A and Geosyntec along with our diverse experiences and expertise will help achieve desired WWMD project outcomes in the Fox River and Lake Tichigan setting. We highlight with the following, our corporate experience and staffing expertise of those that will be assigned to this project (and that meet the Wisconsin PE requirement).

Kieser & Associates, LLC

K&A's approach to lake management is firmly rooted in sound science and engineering. We carefully define issues, develop and implement effective monitoring programs, design solutions, seek measurable outcomes with the appropriate metrics, define costs, and fully document our work. Fundamentally, we recognize WWMD project interests that focus on the betterment of navigation for the riparian community and public users in the project areas to be dredged. To ensure WWMD-specified project outcomes, our diverse, engaged staff will work objectively towards specific project needs, desired objectives, and within specified constraints. Attachment A to this proposal includes a summary of the broader K&A lake management services that will underpin engineering support provided to WWMD on this project.

The following K&A staff, along with their WWMD project roles, will be the primary professionals leading this effort. They will be supported by K&A technicians as needed in Task 3. K&A staff resumes for our senior staff noted below are provided in Attachment B of this proposal submission.

K&A Staff

John Jacobson, Senior Engineer, holds professional engineering licenses in Michigan (number 6201041537) and California (number C 43999) and has requested licensing in Wisconsin by Reciprocity and a Temporary Permit.¹ Mr. Jacobson will serve as the Project Manager for the WWMD project. John has provided engineering management of multi-disciplinary teams in large and complex projects involving architectural engineering, water, stormwater and wastewater infrastructure, as well as stream and lake restoration projects over the past 40 years of professional experience. He has served in design and bid specification roles in private, municipal, commercial, institutional, industrial and oil industry settings for a range of projects. Most recently, these include: stream and wetland restoration for Cedar

¹ See: https://docs.legis.wisconsin.gov/code/admin_code/a_e/4/08

Lake to best manage lake levels in the 1,050-acre water body² (Alcona/Iosco Counties, Michigan); alum sediment treatments in Mona Lake³ (Norton Shores, Michigan); large-scale Diver Assisted Suction Harvesting (DASH) for aquatic invasive species removal in Hiland Lake (Livingston/Washtenaw Counties, Michigan) (where ECO Waterway Services was the awarded contractor), and; now is assisting the Green Lake Association⁴ (Green Lake, Wisconsin) in the development of engineering designs and specifications for a large-scale pilot effort to capture, pump, consolidate and dispose of floating biomass (duckweed) impeding navigational conditions in Big Green Lake.

Mark Kieser, Senior Scientist and Principal with K&A, will serve as Project Director to the WWMD project ensuring K&A Team coordination and outputs are meeting client needs and the project scope, as well as addressing project administration. Mark has led a wide range of water resources projects in his 37 years of environmental consulting experience and three years of academic research on water resource issues in the Great Lakes. He has a broad range of environmental management experience from watershed planning and policy development to remedial investigation and cleanup. As a consultant, he has been responsible for implementing studies at hundreds of sites across the U.S. since he founded the firm in 1992. These have included investigation and management of surface water, wastewater, groundwater, soils, sediment and atmospheric contaminant issues. Mark currently leads more than two dozen lake management and restoration projects in the Midwest. For example, Mark is currently leading efforts to assess conditions and efficacy of large-scale dredging in Cedar Lake for a K&A lake client of over 15 years.⁵ This has involved detailed lake bottom mapping and quantification of sedimentary materials to determine potential dredging boundaries.

Mike Foster, Environmental Engineer, will support Mr. Jacobson with mapping, quantification and hydraulics needs with dredging RFP development. For K&A, Mike leads water quality modeling and quantification methodology development, as well as software applications for a range of water resource management efforts. His work includes developing methods to quantify management impacts on water quantity and quality, developing methods to quantify lake health, and modeling nutrient loading from agricultural operations. Mike is currently leading K&A grant-funded efforts addressing capture of agricultural tile drain discharges of dissolved phosphorus in the Great Lakes; circulation modeling of nutrients in Big Green Lake, Wisconsin (the state's deepest lake), and; working with Geosyntec on watershed loading to the Des Plaines River in Northern Illinois and Southern Wisconsin.

Geosyntec

K&A Team partner, Geosyntec, will provide Quality Assurance and mapping support under Task 1 for K&A's efforts with preparing the dredging RFP for WWMD issuance. Geosyntec's multidisciplinary approach on these types of sediment management projects will also bring value engineering with nationally recognized in-house specialists in engineering, construction management, ecology, and biological sciences, environmental microbiology and geochemistry, risk assessment and applied

² See: <https://cedarlakewmp.net/projects>

³ See: http://www.kieser-associates.com/ka_2021_mona_lake_alum_treatment/

⁴ <https://www.greenlakeassociation.org/>

⁵ <https://img1.wsimg.com/blobby/go/a080ee0a-11db-41bd-8830-a064f9457faa/downloads/Cedar%20Lake%20Bathymetry-Sediment%20Final%20Memorandu.pdf?ver=1641328079765>

toxicology, and wetland sciences. Their experience and capabilities in these regards to support the K&A Team are highlighted in Attachment C.

Geosyntec staff bring extensive credentials for dredging projects as well as related experience in Wisconsin. Geosyntec Senior Engineering staff and their supporting roles for Task 1 and 2 are summarized as follows; resumes are provided in Attachment D. These staff will be supported by Geosyntec staff professionals.

Dr. Dogus Meric, PhD, PE is a Senior Environmental Engineer based in Illinois with more than 12 years of experience focused on the management and remediation of sediment sites, as well as developing tailored environmental solutions in North America and Australian settings. Dr. Meric co-authored an ASTM International standard guidance document on corrective action objectives for sediment sites. Dogus also served on the Wisconsin Department of Natural Resource (WDNR) External Advisory Group for contaminated sediments. He will be the lead reviewer of K&A draft specifications.

Mr. Jim Hansen is a licensed professional engineer in Wisconsin (48761-6), Washington (49466) and Illinois (062.071113). He has extensive experience with projects involving waterfront structures, levees, wetlands, and soft soils. Mr. Hansen's experience includes planning and conducting site investigations, preparation of geotechnical reports, evaluation and selection of conceptual design alternatives, development of innovative, cost-effective engineering designs, preparation of construction drawings and specifications, and on-site construction coordination. Jim will support Dogus in bid document and specification reviews under Task 1 as well as assess where there can be value engineering services embedded in the dredging RFP and supporting services under Task 2.

Brian Valleskey is a Certified Lake Professional (CLP) and senior water resources specialist who works on natural resources projects for Geosyntec involving sediment and nutrient management. The diversity of these projects ranges from urban stream and lake shoreline stabilization to beneficial sediment reuse from dredge material. Brian also has experience studying the complex hydrology and hydraulics which can greatly impact lake and reservoir water quality and levels significantly impacting near shore property and altering aquatic habitat. He has extensive lake experience in Wisconsin and Illinois. Brian will assist the team with potential DNR permitting questions that may arise in the course of Task 1 and 2 efforts. With his close proximity to the project site, Brian will also serve as the local liaison for the K&A Team.

ATTACHMENT A

K&A Qualifications Summary



LAKES, WETLANDS & WATERSHEDS

KIESER & ASSOCIATES, LLC

STATEMENT OF QUALIFICATIONS

OVERVIEW

Kieser & Associates, LLC (K&A) is an environmental science and engineering firm located in Kalamazoo, Michigan (see www.kieser-associates.com). K&A offers environmental consulting, planning, monitoring, management and engineering services to lake associations, watershed districts, lake boards, municipalities, county governments, colleges and universities, state and federal agencies, and non-governmental organizations. Since 1992, these services have included watershed and lake management services focused on aquatic plant management, water quality monitoring and data analyses, project management, stakeholder facilitation, engineering design and bidding, grant-writing, budgeting, modeling, lake and watershed management planning, best management practice design and implementation in a variety of aquatic settings. These have included applications from ponds to large lakes and watersheds, from the Midwest to International scale.

Our philosophy emphasizes the sustainable application of innovative, professional, and cost-effective lake, wetland, and watershed solutions. This involves striking a balance between environmental improvements and economic realities as we successfully partner with a variety of stakeholders.

K&A staff offer multi-disciplinary expertise in water and natural resource management, environmental engineering, ecological restoration, nonpoint source assessment, and water policy. Our team of professionals ensures that clients receive timely, expert responses and personal attention. Our staff hold a variety of qualifications, degrees, professional affiliations, certifications, and real-world experiences that provide expertise covering a wide range of lake, wetland, and watershed management needs.

Lakes/Streams/Watersheds

- Lake & Watershed Management Plans
- Water Quality Studies
- Innovative Water Quality Monitoring
- Watershed Modeling
- Water Quality Modeling
- Agricultural Runoff Management
- Streambank Bioengineering
- Invasive Species Control
- Aquatic Plant Management
- Biocontrols for Invasive Species
- Wetland Delineation
- Stream Habitat Restoration
- Lake Level Management
- Bathymetric mapping
- 3rd Party Laminar Flow Aeration Monitoring
- Grant-Writing Assistance

Permitting/Regulatory Approvals

- Watershed permits
- Wetland & Floodplains
- Groundwater discharges
- Dredging feasibility
- NPDES permits
- MS4s/SWPPPs
- Quality Assurance Project Plans (QAPPs)

Environmental Engineering/Consulting

- Agricultural BMPs
- Stormwater Treatment and Control Measures
- Engineering design & bid specifications
- Stormwater Offsets/Stormwater Neutral[®]
- Wastewater Management
- Sediment, Soil & Groundwater Sampling

ATTACHMENT B

K&A Resumes for Staff Participating on WWMD Project

JOHN JACOBSON, P.E.

SENIOR ENGINEER

Kieser & Associates, LLC

AREAS OF EXPERTISE: Engineering design, specifications and permitting, hydraulics and hydrology, grading and drainage, infrastructure roads and utilities, water and wastewater infrastructure, civil/structural design, highway design (bridges and highways), architectural production, water/sanitary pipelines and pumping stations.

EDUCATION:

- Masters of Management, Aquinas College, East Grand Rapids, MI. 2000.
- Bachelor of Science, Civil Engineering, University of Wisconsin, Platteville, WI. 1990.

PROFESSIONAL CERTIFICATIONS AND LICENSES:

- Licensed Professional Engineer, State of Michigan, USA; ID No. 6201041537
- Licensed Civil Engineer, State of California, USA; Certificate No. C43999
- Registered with the Saudi Council of Engineers, Saudi Arabia: No 100053
- Certified Natural Shoreline Professional. Michigan Natural Shoreline Partnership. 2019-present

SELECTED K&A PROJECT EXPERIENCE:

- Senior Engineer for Hiland Lake Large-scale Pilot Project for Diver Assisted Suction Harvesting (DASH) Treatment for the Removal of Starry Stonewort including Engineering Services for Permitting, Treatment Design Specifications, Refined Cost Estimates, Project Coordination and Bidding. Hiland Lake Improvement Board, Pickney, Michigan, 2021-present.
- Design Engineer for Mona Lake (Muskegon County, Michigan) In-lake Treatment Option Assessment and Ongoing Engineering Services for Permitting, Treatment Design Specifications, Refined Cost Estimates, Project Coordination, Bidding, Modeling and Monitoring for Alum Treatments: Mona Lake Watershed Council, Norton Shores, Michigan, 2018-present.
- Natural Shoreline Design Assessment for Crooked Lake Under Fluctuating Water Levels: Private Client, Berrien County, MI, 2021-present.
- Design Engineer for Ramona Park Beach Expansion Project, Providing Permitting, Bidding and Implementation Oversight and Wetland Delineation: City of Portage, Michigan, 2019-2020.
- Design Engineer for Natural Shoreline Design, Permitting, and Implementation on Emerald Lake, Newaygo, MI. Private client, March 2019-present.
- Design Engineer Providing Lake Level Monitoring, Planning, Specifications, Bidding, Permitting for Lake Level Augmentation, Stream and Wetland Restoration, Groundwater Monitoring and Planning for Cedar Lake Management, Oscoda and Alcona Counties, MI: Cedar Lake Improvement Board, Greenbush Township, MI, 2018-present.
- Design Engineer for Wastewater Process Monitoring, Groundwater Discharge Monitoring, and Hydrogeological Investigations Related to Permit Compliance for Honee Bear Canning, Inc., Lawton, MI, 2018-present.
- Engineering Design Support for Goldsworth Valley Pond including Review and Analysis of Maintenance Options, Water Quality & Water Level Monitoring Data: Western Michigan University, Kalamazoo, MI, 2018-present.
- Engineering Design for Asylum Lake for Stormwater Treatment including Review of Water Quality Monitoring Data and Response Planning, Engineering Design, Specification Development, Bidding and

Permitting: Asylum Lake Policy and Management Council through Western Michigan University, Kalamazoo, MI, 2018-present.

- Engineering Review of EPA-approved Portage-Arcadia Watershed Management Plan (WMP) for Portage-Arcadia WMP Steering Committee: WMU, Kalamazoo, MI, 2018.

- Engineering for Erosion Control Permit including Site Review, Plan Review, Modifications and Permit Oversight for Agricultural Site Development for Mayflower Dairy: Van Buren County, Michigan, 2018.

- Engineering assessment of Drain Flow and Surface Water Quality Monitoring on Lake Manitou: Lake Manitou Association, Owosso, Michigan, 2018.

Previous Experience

- Member of an Integrated Project Management Team providing accommodations for workers on four manmade islands in the Arabia Gulf providing engineering, planning, project controls and construction support for this accommodation and utilities project. 2015-2017.

- Member of architectural engineering design team in Qatar for the design of a 5,000-man work camp in Kazakhstan on 50 hectares, including full packages for 12 four-story, three-star accommodations, two dining halls and recreation facilities, pool and athletic facilities, 4 office buildings and a medical clinic along with all infrastructure and utilities needed for independent operation. 2013-2015.

- Project management support for plan submittal and coordination of full architectural engineering design packages as well as design efforts and specification development for the site layout, grading, drainage, and utilities for new headquarters of Jubail University College in City of Jubail in the Kingdom of Saudi Arabia. 2011-2013.

- General Manager developing plans, including stormwater and wastewater infrastructure, for a 1,500-acre residential development near La Plata, Maryland using HEC RAS and SWMM hydraulic modeling to reduce flooding and ensure stormwater met treatment and flooding standards of the stormwater ordinances. 2006-2007. Tools used were.

- Project Manager for an 800-car, \$3 million parking lot expansion at Michigan State University, including expansion of an existing commuter lot, incorporation of bus service within the lot and treatment of stormwater from the new and existing facilities: Michigan State University, East Lansing, MI with Kieser & Associates, 2003-2006.

- Design engineer for Regional Stormwater Wetlands and Trailways Facility, Portage, Michigan, including stream restoration and rerouting as part of a regional stormwater treatment system for Consolidated Drain # 1, serving to significantly increase the quality of life for city residents and in-stream biota in Portage Creek while meeting and exceeding regulatory requirements: City of Portage, MI, with Kieser & Associates, 1999-2002.

- Designer for parking deck at Sunset Manor: Spectrum Health, Grand Rapids, Michigan, 1998-2003.

- Project Manager for a 500+ acre combined sanitary and stormwater study of DOW's Midland, Michigan facility using HEC RAS and SWMM hydraulic model to reduce flooding and ensure all stormwater treated prior to release into the Tittabawassee River, including several stormwater projects to treat and redirect stormwater back away from the river and to meet their NPDES permit requirements: DOW, Midland, MI, 1994-1998.

- Project Engineer for the City of Tracy East Side Infrastructure Expansion for approximately 4 miles of road, drainage, and utility expansion with drainage connection to the Sacramento River Delta: City of Tracy, CA, 1990-1992.

- Project Manager for the preliminary development of a 1,500-acre hillside residential development in Venicia, California, including hydrology and hydraulics (HEC RAS) for stormwater quality and planning for utilities and roadways: City of Venicia, CA, 1990-1992.



MARK S. KIESER
SENIOR SCIENTIST / PRINCIPAL
Kieser & Associates, LLC

AREAS OF EXPERTISE: Surface Water Quality Assessment & Modeling, Non-point Source Pollution Assessment & Modeling, Lake and Watershed Management, Water Quality Trading, Environmental Markets, Ecological Modeling, NPDES Permitting, Sediment-Water Interactions, Sediment Management

EDUCATION: - Master of Science, Biological Sciences (Emphasis: Water Resources)
Michigan Technological University, Houghton, Michigan (1988)
- Bachelor of Science, Biological Sciences (Emphasis: Aquatic Ecology)
Wittenberg University, Springfield, Ohio (1982)

SELECTED WATER RESOURCES MANAGEMENT EXPERIENCE:

- Assessment of Big Green Lake P Loading Impacts and Technology Applications for Reducing the Metalimnetic Oxygen Minimum with Support for Broader Lake and Watershed Management Needs: Green Lake Association, Green Lake, WI, 2021-present.
- Non-point Source Watershed Modeling for Nutrient Assessment Reduction Plan (NARP) Development for Lake County Government: Des Plaines River Watershed Workgroup with Geosyntec, 2021-present.
- Technical Support for Advancing Regional-scale Stormwater Management in San Mateo County under a Regional Collaborative Program Framework: City/County Association of Governments of San Mateo County (C/CAG), CA with Geosyntec, 2021-present.
- Development of an Alternative Compliance Program for Contra Costa County MS4s and Developers for LID, PCBs/Hg Requirements in San Francisco Bay TMDLS: City of San Pablo, CA with Geosyntec, 2020-present.
- Lake Improvement Feasibility Report Study and Technical Assessment of Water Quality, Aquatic Vegetation, and Fisheries for the Development of a Special Assessment District on Hiland Lake, Livingston County, MI, 2016, 2020-present.
- Sediment and Water Quality Monitoring Assessment for Mona Lake Alum Treatments with Engineering Design and Bid Specifications: Mona Lake Watershed Council, Norton Shores, MI, 2018-present.
- Long-term Lake Level Monitoring, Hydrology Assessment, Improvement Monitoring, AIS Management, Creek Flow Restoration and Sediment Mapping/Dredging Assessment on Cedar Lake, Oscoda, MI: Cedar Lake Improvement Board, September 2005-present.
- Comprehensive Monitoring, AIS Management, and Long-range Planning for Fort Custer Recreation Area Lake Enhancements: MDNR, U.S. Fish & Wildlife Service, and Natural Resources Damage Assessment Trustees, Augusta, MI, 2018-2021.
- Sediment Contaminant Monitoring and Assessment for the Elijah Root Mill Dam Removal on Portage Creek: City of Portage, MI, 2018.
- Ecological Assessments, Invasive Species Surveys, Water Quality and Sediment Monitoring, Bathymetric Mapping and Lake Management for 18 Michigan-Lower Peninsula Lakes: Various Lake Associations and Improvement Boards, 2015-present.
- Advancing Systematic and Fundamental Changes in Agricultural Water Resources Management with Edge-of-Field Monitoring to Assess Soil Health, P Recovery with Tile Drain Filters, and Circular Economies: \$1.1M Grant from the Great Lakes Protection Fund, Evanston, IL, 2017-present.
- Eutrophication Modeling, Monitoring and Assessment of Kalamazoo River Conditions related to Wasteload Allocations and a Phosphorus TMDL: Kalamazoo River Point Source Discharger Group, 1984-2021.
- Development of a Basin-wide Nutrient Trading Program Approach for the DuPage River for Crediting Stream Restoration via Biological Scoring: DuPage River Salt Creek Workgroup, Naperville, IL with TetraTech, Inc., 2017-2021.
- Quantification Methodology Development for Assessing Potential Water Quality and Water Quantity Benefits of Conservation Practices in the Peruvian Andes for Natural Infrastructure investments: USAID funding through Forest Trends, Washington, DC, 2018-2020.

- Protocol Development for National Ecosystem Service Market Credits from Agricultural Working Lands for Soil Carbon, Water Quality and Water Quality including Water Quality Model Quantification and Pilot Testing: Ecosystem Service Market Consortium, <https://ecosystemservicesmarket.org>, 2018-2020.
- Development of the Original EPA-approved Watershed Management Plan for the Ultra-urban Portage/Arcadia Creek Watershed (2006) with Approved Plan Updates (2018): Forum for Greater Kalamazoo, and Western Michigan University, Kalamazoo, MI.
- Bi-national/multi-jurisdictional Point Source/Non-point Source Water Quality Credit Trading Framework Development for the Western Basin Lake Erie under USDA Conservation Innovation Grant: Great Lakes Commission, Ann Arbor, MI, 2016-2018.
- Development of an Iowa Nutrient Reduction Exchange for Point Sources and Water Quality Trading Framework for Ag Phosphorus and Nitrogen Reductions: Iowa League of Cities with Troutman Sanders under USDA Conservation Innovation Grant, 2015-2019.
- National WQT Support for the Dairy Industry including Development of a Draft Phosphorus Protocol for VT Discharger Compliance, and Clearinghouse Trading Structures for WI TMDL Compliance Options: Newtrient, LLC, Chicago, IL, 2015-2019.
- Development of Farmer-to-Farmer and Farmer to Stormwater Water Quality Trading Options with Ag TMDL Compliance Scoring in Lake Elsinore/Canyon Lake for Groundwater Nitrates and Surface Water Nitrogen Loads: Western Riverside County Agriculture Coalition, San Jacinto CA with Tetra Tech, 2014-2018.
- Comprehensive Morrow Lake Water Quality and Sediment Monitoring and Data Management for the Kalamazoo River TMDL CMI Project: Kalamazoo County Drain Commissioner, Kalamazoo, MI and Michigan Department of Environmental Quality, Lansing, MI through a Clean Michigan Initiative Grant, 2015.
- Comprehensive Sediment and Water Quality Monitoring on Lake Allegan for Assessing Phosphorus TMDL Progress: Kalamazoo River Watershed Council, Kalamazoo, MI, and Michigan DEQ, Lansing, MI through a Michigan DEQ Innovative Monitoring Grant, 2014.
- Feasibility Study for Market-based Environmental Programs including MS4 Water Quality Trading for Phosphorus in Lake Champlain, VT: VT Dept. of Environ. Quality, Montpelier, VT, with Tetra Tech, 2015.
- Feasibility Assessment of Water Quality TMDL Compliance Trading by WWTFs and MS4s in the Lower Fox River for Sediments and Nutrients, Green Bay, WI: Great Lakes Commission, Ann Arbor, MI, 2014-2015.
- WQT Feasibility Assessment and Subsequent Development of a Municipal Phosphorus Offset Program for New Development Surrounding Ontario's Largest In-land Waterbody, Lake Simcoe: Lake Simcoe Conservation Authority, Ontario, Canada, with XCG Consultants, 2008-2010, 2012-2014.
- Quantification Protocol Development for Nutrient Crediting at Water Quality Trading Banks in non-Chesapeake Bay Waters of Southern Virginia: Resource Environmental Solutions, LLC, Richmond, VA, 2015.
- Identification of Priority Management Zones (PMZs) for Upland Best Management Practice (BMP) Implementation in Impaired Watersheds of MN with Barr Engineering and the University of Minnesota: MN Department of Agriculture, Minneapolis, MN, 2011-2014.
- Development of a TMDL Compliance Plan for WMU's Municipal Separate Storm Sewer System (MS4) related to Phosphorus Loading to Arcadia Creek: Western Michigan University, Kalamazoo, Michigan through a TMDL Compliance Planning Grant using Federal ARRA funding awarded by the Michigan Department of Environmental Quality, 2010-2011.
- Assessment of Channel Hydraulics and Erosion using the Soil & Water Assessment Tool (SWAT) for Hoboken Creek Phosphorus TMDL Implementation Planning and Water Quality Trading Options: Sauk River Watershed District, MN, 2009-2011.
- Technical Direction and Development of the EPA-approved Kalamazoo River Watershed Management Plan including Phosphorus TMDL Compliance Scenarios for MS4 build-outs: Kalamazoo River Watershed Council, Kalamazoo, MI, 2009-2011.
- Technical Support for Watershed Management Plan Development including Innovative Build-out Analysis using Relevant Township Master Plans and Zoning Information to Examine Potential Water Quality Impacts Associated with Various Build-out Scenarios for the Watershed: Southwest Michigan Planning Commission, Benton Harbor, Michigan, 2007-2008.
- Technical Services Related to Soil & Water Assessment Tool (SWAT) Modeling to Predict the Impact of Land Management Practices on Water, Sediment and Agricultural Chemical Yields in the Paw Paw River Watershed: Southwest Michigan Planning Commission, Benton Harbor, Michigan, 2007-2008.
- Technical Direction for the Development of the First Bi-state, electronic Watershed Management Plan for Michigan and Indiana in the St. Joseph River Basin (www.stjoeriver.net) using SWAT Modeling. Section 319 CWA Grant through the Friends of the St. Joe River Association, 2002-2005.



MICHAEL E. FOSTER
ENVIRONMENTAL ENGINEER
Kieser & Associates, LLC

AREAS OF EXPERTISE: Surface Water Quality Modeling, Watershed and Agricultural Modeling, Stormwater Modeling and Management, Model Development, Computer Programming, Desktop/mobile Application Development, Database Development and Management

EDUCATION:

- Master of Science, Environmental Engineering Science
Michigan Technological University, Houghton, Michigan (2020)
- Bachelor of Science, Forest Resource Management
Michigan Technological University, Houghton, Michigan (2011)

SELECTED K&A PROJECT EXPERIENCE:

- Soil & Water Assessment Tool (SWAT) Model of the Upper Des Plaines River Watershed to Estimate Hydrologic and Nutrient Loading Impacts of Water Treatment Facilities on River Water Quality. Des Plaines River Watershed Workgroup, Cook County, IL with Geosyntec, 2020-present.
- Aquatic Ecosystem Modeling (AEM3D) of Big Green Lake to Assess Circulation Patterns within the Lake and Fate of Nutrient Loading from Tributaries as well as Efficacy of Conservation Practices in Different Regions of the Watershed. Green Lake Association, Green Lake, WI, 2021-present.
- Deployment of CAPTURE™ systems to Investigate the Feasibility of Removing Soluble Phosphorus from Agricultural Runoff Treatment Systems (ARTS) in Wisconsin: Fund for Lake Michigan Grant, 2021-present.
- Hydrologic and Water Quality System (HAWQS) (with the SWAT model core) to Estimate Stormwater Volume and Sediment Loads for the St. Joseph River Watershed (MI/IN) for Assessing Potential Impacts and Water Quality Benefits of Agricultural Best Management Practice (BMP) Implementation for Innovative Drain Apportionment Based on Land Uses: \$1.1M Grant from the Great Lakes Protection Fund, Evanston, IL, 2020-2021.
- Development of Compact Agricultural Phosphorus Treatment Structures (CAPTURE™) for Removing Phosphorus from Drain Tile Outlets using Replaceable Filter Media: \$1.1M Grant from the Great Lakes Protection Fund, Evanston, IL, 2018-2021.
- Modeling of Dissolved Phosphorus Loads from Subsurface Drainage Systems on Agricultural Fields and Designed Phosphorus Filtration Systems to Reduce Phosphorus Edge-of-Field Phosphorus Loading to the Great Lakes: \$1.1M Grant from the Great Lakes Protection Fund, Evanston, IL, 2018- 2021.
- MODFLOW Groundwater Modeling, Watershed and Lake Modeling of Cedar Lake, MI using Custom-developed Tools to Determine Potential Impacts of Groundwater Pumping on Lake Levels. Cedar Lake Improvement Board, 2021.
- Hydraulics Modeling of Headwater Stream Courses for Engineering Design Considerations on Placement of Instream Grade Structures to Improve Water Quantity, Enhance Groundwater Recharge and Improve Water Level in Cedar Lake: Cedar Lake Improvement Board, Oscoda, MI, 2018-present.
- Modeling and Quantification Methodology Development based on Soil & Water Assessment Tool (SWAT) Elements to Address Potential Benefits of Conservation Practices in the Peruvian Andes for

Water Quality and Quantity including Sediment Loading and Water Retention (with web-based app development): USAID funding through Forest Trends, Washington, DC, 2019-2020.

- Modeling MS4 Infrastructure Changes and Stormwater Loads Including Total Phosphorus and Sediment Loadings to Local Surface Water Bodies to Assess Baseline and Progress Toward TMDL Goals for the City of Parchment, MI: Prein & Newhof, 2020.

- Refinement of Metrics for Describing Aquatic Plant Conditions and Development of Database with Graphic User Interface for Understanding Data from Aquatic Vegetation Surveys and Invasive Species Monitoring for the LakeScan™ Comprehensive System of Lake Management: Aquest Corporation and 18 Contracted Lakes across Eight Counties in Lower Michigan, 2018-present.

- Integration of the APEX Model and Water Quality Index for Runoff from Agricultural Fields (WQIag) Tool for Ecosystem Service Market Credit Protocols on U.S. Agricultural Working Lands for Soil Carbon, Water Quality and Water Quality: Ecosystem Services Market Consortium (www.ecosystems-services-market.org) and Noble Research Institute, Ardmore, Oklahoma, 2018-2020.

- Modeling MS4 Infrastructure Changes and Stormwater Loads Including Total Phosphorus and Sediment Loadings to Local Surface Water Bodies to Assess Baseline and Progress Toward TMDL Goals: City of Portage, MI, 2018.

- Modeling Stormwater Loads Including Total Phosphorus and Sediment to Local Surface Waters to Assess Potential for Water Quality Improvements for the Match-e-be-nash-she-wish Tribe: Dorr, MI 2018-2019.

- Comparison of the Nutrient Tracking Tool Output to Region 5/DRP Calculator Results for ‘Erie P Market’ Agricultural Pilot Crediting Sites and Assessment of Region 5 Results Uncertainty to Assess Trade Ratios: Great Lakes Commission, Ann Arbor, MI, 2018.

- Modeling Potential Impacts of Conservation Practice Changes on Agricultural Fields in Fulton County, OH, Coupling Soil Erosion and Dissolved Phosphorus Models to Predict Reductions in Total Phosphorus Loads from Select Fields for the Bi-national/multi-jurisdictional Water Quality Credit Trading Framework Development for the Western Basin Lake Erie: Great Lakes Commission, Ann Arbor, MI, 2018.

- Adaptation of the National WQIag Tool for Arid Agriculture in Southern California, Modeling Erosion on Arid Climate Agricultural Fields, Designing and Creating a WQIag Application (App) for Self-scoring by Producers under Differing Soil Conditions and Management Practices Based on HYDRUS Model Results and Literature: Western Riverside County Agriculture Coalition, under a USDA Conservation Innovation Grant, 2018.

Select Previous Experience:

- Modeling Potential Impacts of Wastewater Treatment Changes on Nearshore Lake Ontario Using FVCOM and ArcMap Interpolation to Predict WWTP Effluent Plume Size and Behavior while Quantifying Impacts of Phosphorus Management on Area *Cladophora* Growth: City of Ajax, Ontario, 2017-2018.

- Modeling Potential Impacts of Infrastructure Changes on Stormwater Loads in Cleveland, OH, by Coupling SWMM and FVCOM models to Predict Pollutant Concentrations in and around Area Streams, Rivers, and Beaches in Relation to “Project Clean Lake”: Northeast Ohio Regional Sewer District, 2016-2018.

ATTACHMENT C

Geosyntec Qualifications Summary

Lakes and Sediments Management Services

Geosyntec brings experience and technical skills to successfully conceptualize and implement sediment assessment and remediation projects.

Our Experience

Since our founding in 1983, Geosyntec has completed nearly 10,000 projects worldwide with an outstanding safety record. Our experience delivers on the potential of innovative applications of proven and emerging scientific and engineering technologies.

Our People

Our staff of over 1,700 includes leading practitioners in the earth and environmental sciences; geotechnical, earthquake, hydrological, and environmental engineering; and construction management.

TOTAL CAPABILITIES

Geosyntec is a national leader in assessing and remediating sites where contaminants have impacted sediments. Geosyntec staff has worked on more than 100 contaminated sediment and wetland/marsh remediation and restoration design projects over several decades. Our investigation, remediation, and restoration experience include sites with a range of sediment systems from small, intermittent flow streams to large man-made and natural lakes, rivers, estuaries, and bays. Our multidisciplinary approach brings together nationally recognized in-house specialists in engineering, construction management, ecology, and biological sciences, environmental microbiology and geochemistry, risk assessment and applied toxicology, and wetland sciences to address the complex issues associated with contaminated sediment management. Geosyntec has worked at both coastal and freshwater sediment sites, working with municipalities, federal agencies, nonprofit organizations, and industrial clients under CERCLA and a variety of regulatory guidelines to bring critical thinking, cost-effective solutions, and long-term sediment site closure strategies to their sediment-related challenges.

REMEDIAL INVESTIGATION & FEASIBILITY STUDIES (RI/FS)

- Design and Implementation of Geospatial-Based Investigations
- Contaminant Source Evaluations
- Sediment Stormwater Recontamination Assessments
- Non-Aqueous Phase Liquid (NAPL) Migration Evaluation and Modeling
- Geotechnical Investigations
- Development of Remedies within an Adaptive Management Framework
- *In Situ* Porewater Passive Sampling and Analysis

TREATABILITY STUDIES

- Bench-Scale Laboratory Studies
- Screening of Sediment Cap Amendments
- Field Testing by Large-Scale Mesocosms and Pilot Tests
- *In Situ* Stabilization
- Assessment of Ebullition Potential

REMEDIAL DESIGN (RD)

- Active and Passive Capping
- Mechanical and Hydraulic Dredging
- Waterfront Infrastructure, Confined Disposal Systems and Cofferdams
- *In Situ* Stabilization
- Monitored Natural Recovery (MNR) and Enhanced Natural Recovery (ENR)
- *In Situ* Amendment Additions
- Dewatering Systems
- Water Treatment
- Permits/Permit Equivalencies
- Pilot/Treatability Studies to Improve Design and Constructability

SEDIMENT TRANSPORT MODELING

- Hydrodynamic Modeling
- Water Quality Modeling
- Geomorphology
- Coastal Processes

BIOLOGICAL MONITORING & RISK ASSESSMENT

- Habitat Assessment and Restoration
- Geostatistical Analysis
- Ecological and Human Health Risk Assessments
- Natural Resource Damage Assessments
- Sediment Toxicity Assessments
- Fish and Macroinvertebrate Community Evaluations

CONSTRUCTION SERVICES

- Construction Quality Assurance
- Construction Management
- Construction Inspection and Field Support
- Performance Monitoring
- Construction Cost Estimating
- Risk Management

Lakes and Sediments Management Services

OUR EXPERIENCE BENEFITS YOUR PROJECT RESULTS

SELECT MIDWEST PROJECT HIGHLIGHTS

Lake of the Ozarks 319 Watershed Grant | Multiple Counties, Missouri

Geosyntec submitted and successfully obtained on behalf of the Lake of the Ozarks Watershed Alliance (LOWA) a Section 319 watershed planning grant for multiple watersheds draining in the Lake of the Ozarks. Total value of funding is more than \$360,000.

Lauderdale Lakes Watershed Plan | Walworth County, WI

The Lauderdale Chain O'Lakes is a high-quality waterway in Walworth County, WI in the headwaters of a mostly agricultural watershed. In an effort to maintain the water quality, Geosyntec applied for and obtained a Surface Water Grant (SWG) for watershed planning on behalf of the Lauderdale Lakes Lake Management District (LLLMD). The watershed grant is valued at \$40,000.

Lake Aldo Leopold Sediment Removal – Phase 1 | Lake County, IL

Geosyntec assisted the Prairie Crossing Homeowner's Association (PCHOA) in their efforts to plan, assess, design, permit, and bid the removal 24,000 cubic yards of fine-grained sediment from Lake Aldo Leopold. The work included the assessment of sediment removal techniques and placement options for dewatering, beneficial reuse, and haul-off.

Delavan Lake South Inlet Channel Stabilization | Walworth County, WI

Geosyntec assisted the Lake Delavan Highland Association (LDHA) in the assessment, alternatives review, design improvement engineering, and permitting of the stabilization of 800 linear feet of the South Inlet Channel to Delavan Lake. The channel serves as the primary means of boat docking and access to the main body of the lake for the LDHA.

Lake Zurich Shoreline Restoration at Paulus Park | Lake Zurich, IL

As part of a diverse project team, Geosyntec served as the lead in the restoration design and permitting of over 300 linear feet of shoreline within Paulus Park. Project funding was supported through the attainment of an Open Space Lands Acquisition and Development (OSLAD) Grant.

Don Jean Bay Shoreline Restoration | Walworth County, WI

Geosyntec was retained to address years of repetitive wave and wake activity to the shoreline and minimize the lateral migration. Geosyntec obtained a Surface Water Grant (SWG) on behalf of the Lauderdale Lakes Lake Management District (LLLMD) to reevaluate and improve upon the previous restoration work. WDNR awarded the LLLMD \$50,000.

Muskegon Lake Shoreline Reconstruction at Ryerson Creek | Muskegon, MI

Geosyntec served as the engineer of record for the Ryerson Creek Area of Concern (AOC) sediment removal and remediation project which included significant reconstruction of the lake shoreline and the remnant creek channel. To sufficiently remove and contain the targeted contaminated sediments, invasive dredging was needed which significantly impacted the entrance creek and adjacent shoreline.

Remediation of Reaches 6 & 7 of the West Branch of the Grand Calumet River | Hammond, Indiana

Geosyntec provided program management and engineering services to the Ryba-Terra JV team that remediated nearly one-half mile of the West Branch of the Grand Calumet River near the Indiana-Illinois state line.

River Raisin Dredging | Monroe, Michigan

Geosyntec was retained by DTE Energy to prepare bid drawings and technical specifications for maintenance dredging along their ship dock bulkheads on the River Raisin and cooling water intake canal at the Monroe Power Plant in Monroe, Michigan.



Geosyntec
consultants

engineers | scientists | innovators

geosyntec.com

ATTACHMENT D

Geosyntec Resumes for Staff Supporting WWMD Project



Specialties

- Dredging
- Dredged Material Management
- Beneficial Reuse
- Remedial Design
- Habitat Restoration

Education

B.S., Civil Engineering, Middle East Technical University, Ankara, Turkey, 2008

M.S., Geoenvironmental Engineering, Northeastern University, Boston, MA, 2010

Ph.D., Geoenvironmental Engineering, Northeastern University, Boston, MA, 2012

Registrations and Certifications

Professional Engineer (PE) in MA #54507

Awards

2021 Edison Award Recipient for "Sustainable Change for the Good"

2021 Australian Institute of Project Management (AIPM) Award Recipient for "Project of the Year"

2021 AIPM Award Recipient for "Sustainable Project of the Year"

2021 Australian Land and Groundwater Association (ALGA) Award Recipient for "Best Large-Scale Remediation Project in Australia"

2021 ALGA Award Recipient for "Innovation that Advanced the State of Practice"

2021 ALGA Award Recipient for "Best Regional Remediation Project"

CAREER SUMMARY

Dr. Meric is a Senior Environmental Engineer based in Illinois with more than 12 years of experience focused on the management and remediation of sediment sites and developing tailored environmental solutions for sediment sites in North America and Australia. Dogus helps clients by delivering effective, implementable, and economical solutions tailored to achieve their objectives and to receive stakeholder and regulatory acceptance. He develops and leads multidisciplinary teams to solve complex problems from early planning to design, construction, and closure. To advance the state of the practice, Dogus co-authored an ASTM International standard guidance document on corrective action objectives on sediment sites. Dogus also served on the Wisconsin Department of Natural Resource (WDNR) External Advisory Group for contaminated sediments. He has authored a number of articles in peer-reviewed scientific journals and presented his work in national and international conferences. In 2021, Kendall Bay sediment dredging and remediation project that he led and managed earned five international awards.

KEY PROJECT EXPERIENCE

Ryerson Creek Restoration at Lake Muskegon, TDY Industries, Muskegon, Michigan. Worked as the design team manager for the sediment removal, dredged material management, transportation and disposal of processed dredge material, residual cover layer placement, and restoration of reconstructed shoreline within Muskegon Lake Area of Concern. Project was executed as part of Great Lakes National Program Office (GLNPO) in collaboration with federal and non-federal sponsors, including EPA, Michigan EGLE, and U.S. Army Corps of Engineers to secure funding for the project. Team led by Dr. Meric developed construction drawings and technical specifications, and obtained necessary federal, state and local permits. Dr. Meric was also involved in negotiations to secure a short-term lease with an upland Site owner to allow dredged material management. Construction was completed on time and on budget.

Sediment Remedial Design, Kendall Bay, Sydney, Australia. Dr. Meric was the project manager for sediment remedial design for an urban estuarine bay in Sydney, Australia. Kendall Bay was the home to the largest manufactured gas plant (MGP) in the southern hemisphere. The Bay sediment is impacted due to historical MGP operations. The selected remedy involves dredging impacted sediments in select areas, in-situ stabilization (ISS) of impacted sediments, reactive thin-layer capping, and replacement parts of the seawall with NAPL coating. Dr. Meric lead the design and oversaw the implementation of the multi-stage treatability study, two-phases of field ISS pilot study, and full-scale remediation. Kendall Bay is the first to field full-scale sediment ISS remedy in the world. Major accomplishments of the design team include receiving regulatory approval to eliminate reactive amendment requirement in large portion of the capping layer resulting in \$2.2M in material cost savings, and simplified ISS construction quality assurance (CQA) process to allow early pass/fail decisions to facilitate implementing corrective actions. Project received multiple international awards for innovation and sustainable approach.

Sediment Maintenance Dredging, River Raisin, DTE Energy, Monroe, MI. Dr. Meric was design team lead for maintenance dredging of 44,000 CY of sediment at boat dock and intake canal of a power plant.

The team, led by Dr. Meric, assisted the client with permitting and waste characterization, which allowed the use of nearby U.S. Army Corps of Engineers confined disposal facility for cost effective disposal of the dredged material. Team reviewed as-built drawings and structural assessment reports of existing bulkheads and seawalls in the area to limit interference to power plant operations. The team prepared bid specifications and construction drawings as well as the bid documents. Dr. Meric and his team assisted the client with contractor procurement by leading the pre-bid meeting, responding to bidder questions and evaluating contractor bid submittals.

Risk Management Measures Design Lead, *Port Lands Flood Protection Enabling Infrastructures Project, Toronto, Canada*. Dr. Meric is the lead for risk management measures design team for the PLFPEI project to help rerouting the Don River through a former industrial area to mitigate flooding and enable redevelopment in Waterfront Toronto. Team lead by Dr. Meric designed horizontal and vertical barrier system to help mitigate dissolved phase and free-product NAPL impacts in native soils outside and beneath the proposed Water Lot boundary to impact the new proposed River Valley. Major accomplishments of the design team include receiving regulatory approval to change cleanup goals to reflect site-specific conditions and exposure scenarios, site-specific bioassay and sorption isotherm treatability studies, which have in return saved multi million dollars to the client.

Sediment Dredge Design, *Berry's Creek Study Area CERCLA Site, PRP Group, Bergen County, NJ*. Dr. Meric is the coordinator of Intermediate (60%) Design effort, overseeing the development of numerous design components including the design report, technical specifications, and calculation packages for a temporary hydraulic control structure, sediment management area, dredging, backfill and capping, marsh sediment removal and backfill, sediment dewatering, contact water treatment and transportation and disposal aspects. Dr. Meric also led the development of Remedial Design Work Plan, and Design Criteria Report for the project.

Waiiau Generating Station Sediment Remediation, *Hawaiian Electric Company (HECO), Waiiau, HI*. Dr. Meric is the sediment remediation technical lead to oversee the remediation design of the Engineer-of-Record and to support Geosyntec's role as Owner's Representative for the cap construction. Geosyntec review of the current design highlighted few aspects of the design and contract documents with higher than desired uncertainty, which were communicated to HECO and the engineer-of-record to facilitate a more constructible design with reduced contractual uncertainty for the Owner.

Multi-layer Sediment Cap Design, *Gowanus Canal CERCLA Site, RD Group, Brooklyn, NY*. Dr. Meric is the task manager for multi-layer sediment cap design in an urban canal. The canal sediment is impacted with MGP-related wastes. Cap design included elements to minimize NAPL migration and reduce dissolved-phase chemical flux to surface water, to protect the treatment layer of the cap from erosive forces. Sediment cap design effort involved a detailed evaluation of the existing pore water and groundwater data, assessment of upwelling groundwater specific discharges, evaluation of potential for NAPL migration, and optimizing the sediment cap treatment layer thickness and composition to achieve the specified remedial action objectives during project life-time. Major accomplishments include integrating engineering solutions to optimize the multi-layer cap design, which resulted in overall \$15M to \$20M in cost savings.

In-situ Stabilization/Solidification Treatment Design, *Gowanus Canal CERCLA Site, RD Group, Brooklyn, NY*. Dr. Meric is the task manager for sediment ISS treatment design in an urban waterway canal. The canal sediment is impacted with MGP-related wastes. ISS treatment design targeted on areas with potential for NAPL mobility to minimize NAPL migration to sediment cap. ISS treatment design effort involved an assessment of upwelling groundwater hydraulic conductivities, evaluation of potential for NAPL migration, and optimizing the ISS mix design to achieve the specified remedial action objectives during project life-time.

Sediment Remedial Design, *Ottawa MGP Site, Ottawa, Illinois*. Dr. Meric is the lead engineer for sediment remedial design in Illinois River adjacent to a former MGP Site. The river sediment is impacted due to historical MGP operations. Dr. Meric developed viable remedial alternatives to address the impacts in the river sediment and communicated them with the client to facilitate final remedy selection. The selected remedy involves dredging impacted sediments and backfill cover placement. Dr. Meric lead the design effort for the waterway work and integrated it with the adjacent upland remedy. Major accomplishments of the design team include receiving regulatory approval to delineate the work area based on simplified list of COCs and no post-dredging confirmation sampling requirement.

Kalamazoo River CERCLA Site OU5, *Confidential Client, Kalamazoo, MI*. Expert witness and fate and transport modeling team leader for the litigation of cleanup liabilities associated with sediment and floodplain soil in a 53-mile long river in Michigan. Effort included review of existing characterization data, preparation of a numerical hydrology, hydrodynamic, sediment transport, and chemical fate and transport models. Dr. Meric lead the development of a numerical fate and transport model to achieve a nuanced understanding of historical processes that governed the fate and transport of PCBs. He used the numerical modeling tool to perform hindcast predictions to estimate client's likely range of contribution to PCB contamination in the system to assist in allocation of cleanup liabilities. He also tailored and executed a focused forensics investigation to produce multiple lines of evidence to support client's arguments.



Specialties

- Bridges and Deep Foundations
- Excavations and Retaining Walls
- Landslide Stabilization
- Compressible and Liquefiable Soils

Education

M.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2008

B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2007

Registrations and Certifications

Professional Engineer, Wisconsin (48761-6), Washington (49466) and Illinois (062.071113)

Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training

CAREER SUMMARY

Mr. Hansen is a Senior Engineer at Geosyntec with over 13 years of experience in geotechnical and environmental consulting, design engineering, and construction management. Mr. Hansen has worked for both private and public clients primarily in the development and infrastructure sectors. He has extensive experience with projects involving waterfront structures, levees, wetlands, and soft soils. Mr. Hansen's experience focuses on planning and conducting site investigations, preparation of geotechnical reports, evaluation and selection of conceptual design alternatives, development of innovative, cost-effective engineering designs, preparation of construction drawings and specifications, and on-site construction coordination.

KEY PROJECT EXPERIENCE

Port Lands Flood Protection and Enabling Infrastructure Project, Toronto, Canada. Mr. Hansen is a lead geotechnical engineer for the design of a naturalized river valley to be constructed as part of a flood protection system for the city of Toronto. The river valley will be constructed through an environmentally impacted site and requires all fills and finishes within the river valley to be constructed under dry conditions. The site is located adjacent to Lake Ontario; therefore, to facilitate dry construction a hydraulic cutoff wall is required around the site. Key geotechnical design components of the design include (i) a 1.6 mile long, 120-ft deep secant pile and slurry wall cut off wall and cofferdam system; (ii) a geosynthetic liner system to line the base of the river valley and provide a barrier to underlying impacted materials; (iii) a temporary 300 ft long, 30 ft tall dam; (iv) 570 ft of permanent sections of marine dock walls; and (v) stability assessments of levee berms founded on the geosynthetic liner system. Mr. Hansen leads the secant pile design team that is performing detailed calculations and assessments to develop the design, and he oversees the geotechnical aspects of construction including responding to RFIs and submittals and providing technical training to the field staff. The design included the use of concrete reinforced with glass fiber reinforced polymer (GFRP) bars to allow for a "soft eye" in the secant pile wall for utility tunneling.

Alaskan Way Seawall, City of Seattle, Seattle, WA. The City of Seattle was considering several replacement alternatives and seismic-upgrades for the aging Alaskan Way Seawall. Mr. Hansen performed dynamic soil-structure interaction (DSSI) analyses on two sections of the Alaskan Way Seawall with FLAC (Itasca). He coordinated with structural engineers to ensure proper behavior of the complex seawall/relieving platform system, and modeled installation of a multiple new seawall alternatives. Close consideration is given to UBC sand behavior and site variability.

Bulkhead Repair, US Coast Guard Diligence, Wilmington, NC. The bulkhead that is home to the USCGC Diligence required both repairs and upgrades in order to continue supporting the 210-ft vessel. Mr. Hansen provided engineering support and design recommendations for the bulkhead that included anchored sheet piles supported by driven H-piles and pipe piles. The design included a liquefaction evaluation and pile test program to evaluate driveability and lateral resistance of the selected driven pile. During the design, a portion of the bulkhead began to fail and required temporary remediation consisting of sheet piles.

Smith Island Setback Levee, Snohomish County Public Works, Smith Island, Snohomish, WA. Project Engineer. Mr. Hansen reviewed settlement data and performed settlement analyses for the Smith Island levee project. By back calculating soil parameters and modeling porewater pressure dissipation, Mr. Hansen was able to provide the client with allowable fill placement rates that allowed the contractor to work as efficiently as possible. Mr. Hansen prepared projections of future settlement and presented the results to the local diking district in a well-received presentation that explained settlement concepts to non-engineers.

New Class II Dam Design, Bulldog Cartage, Addison, Illinois. Mr. Hansen is the project manager, inspector, and Engineer of Record for the construction of a new 17-ft high Class II dam. The project included evaluating subgrade soils and borrow materials, responding to RFIs, reviewing compaction reports, and performing periodic dam inspections. The work was performed to support a construction permit for the new dam issued by the Illinois Department of Natural Resources (IDNR). The dam is currently under construction.

Closure Design for Confidential Coal Combustion Residual (CCR) Pond, Georgia. Mr. Hansen is a design engineer for the design of a containment structure that is part of a consolidation and closure of an active CCR pond. The containment structure is to be between 20 to 80 ft tall and approximately 3400 lf long. The wall will need to be constructed in a marine environment because the pond will not be unwatered.

He and his team designed two wall options for the permit level designs, including (i) a concrete gravity wall, and (ii) a deep soil mixed (DSM) gravity wall with a secant pile wall face. Design checks for each wall design included external stability, internal stability, global stability, and settlement assessments. These options included anchored sheet pile wall, concrete wall with rock anchors, deep soil mixing wall, secant pile wall, slurry wall, concrete gravity wall, and combinations of the various wall types. Mr. Hansen led the traffic loading analysis for a structural slab that will be constructed on top of the DSM wall and span between panels of DSM.

Delavan Lake South Inlet Channel Stabilization – Lake Delavan Highlands Association (LDHA), Delavan, Wisconsin. Jim served as geotechnical lead in the design for stabilization and restoration of approximately 1,800 lineal feet of on the LDHA's inlet channel to Delavan Lake. The project reviewed three alternate designs with standard stabilization and geo-structural options to help control maintenance costs. Jim performed slope stability analyses and developed a structural retaining wall option and an anchored mesh option to stabilize portions of the slope.



Specialties

- Unsteady State Hydraulic Modeling
- BMP Design and Event Simulation
- Stream and Lake Restoration Design
- Dam Breach and Scour Analysis
- Nutrient Transport
- Watershed Management

Education

B.S., Water Resources – Watershed Management, University of Wisconsin at Stevens Point, Stevens Point, Wisconsin, 1998

Registrations and Certifications

Certified Floodplain Manager (CFM)
#IL-04-00157
Certified Lake Professional (CLP)
#16-07P

Awards

2017 Illinois Lakes Management Association (ILMA) Dick Hilton Watershed Award Recipient

Professional/Organizational

Memberships & Technical Appointments

- Illinois Lakes Management Association (ILMA): Board of Directors (2010-2015; 2018-Present), President 2020-present
- Wisconsin Association of Lakes
- Winnebago Waterways (WI) Steering Committee
- Southeast WI Fox River Partnership
- Lake and McHenry County Stormwater Technical Advisory Committees (2012-2019)
- Tower Lakes Drain Partnership, Stewardship Committee (2014 – Present)

CAREER SUMMARY

Brian Valleskey is a Certified Lake Professional (CLP) and senior water resources specialist who works on natural resources projects for Geosyntec involving sediment and nutrient management. The diversity of these projects ranges from urban stream and lake shoreline stabilization to beneficial sediment reuse from dredge material. He has guided municipalities, lake districts, lake improvement associations, and other private organizations and individuals in their endeavors to restore, stabilize, and enhance in-lake habitat and ecological resources for both near and long term. Beyond his understanding of lake dynamics, limnology, and watershed management, Brian also has experience studying the complex hydrology and hydraulics which can greatly impact lake and reservoir water quality and levels significantly impacting near shore property and altering aquatic habitat.

KEY PROJECT EXPERIENCE

Lead Consultant, Lauderdale Lakes Lake Management District (LLLMD), Walworth County, Wisconsin. Serve the LLLMD as point of contact and lead coordinator for all activities regarding lake management on the 820-acre impounded Chain O' Lakes, serving in such a capacity since 2009. Assist in critical decision making, grant applications, project management, and agency coordination for the commissioners of the lake district and their stakeholders. The following key projects and services have been undertaken during Mr. Valleskey's tenure with the LLLMD:

- Hydrologic and Hydraulic Evaluation of the Lauderdale Lakes Chain (2008)
- Dam Breach Analysis and Hydraulic Inundation Remapping (2010)
- Emergency Action Plan (EAP) and Operation, Inspection, and Maintenance (OIM) Manual Updates (2011)
- Seepage evaluation of Sterlingworth Bay (2013)
- Sterlingworth Bay Breach Analysis and Embankment Inundation Mapping (2015)
- Sterlingworth Bay Shoreline Restoration (2015)
- Lauderdale Lakes Dam Inspections 2010, 2013, 2015, 2017, 2019
- Lauderdale Lakes Municipal Dam Grant Application and Award (2017)
- Country Club Drive Drainage Assessment (2020)
- Don Jean Bay Shoreline – Phase 1 Grant Application and Award (2020)
- Don Jean Bay Shoreline Restoration – Phase 1 (2021)
- Lauderdale Lakes Watershed Planning Grant Application and Award (2020)
- Lauderdale Lakes Watershed Plan (2021)
- Don Jean Bay Shoreline – Phase 2 Grant Application (2021, Pending)

Key Contact: Jim Kroeplin, Chairman, LLLMD

Lake Advisor, Village of Lake Zurich, Lake County, Illinois. Work with the Village of Lake Zurich Staff to address all issues pertaining to the management of the lake, shoreline protection and maintenance, improvement reviews and design projects, ensuring the lake maintains its high-water quality and clarity. Mr. Valleskey has served the Village in this capacity since 2013. The following key projects and services have been undertaken during Mr. Valleskey's tenure as Advisor to the Village of Lake Zurich:

- Shoreline reviews – ensure all shoreline development complies with Village, State, and Federal guidelines
- Paulus Park Beach Improvements (2015)
- Paulus Park Lake Co WMB Grant Application & Approval (2015)
- Lake Zurich Water Elevation Comparative Research (2016)
- Lake Zurich Shoreline Stabilization (2017)
- Lake Zurich Shoreline Video Assessment (2019)
- Paulus Park Shoreline Restoration (2021)

Key Contact: Mike Brown, PW Director, Village of Lake Zurich

Sediment and Lake Management Consultant, Lake Sinissippi Improvement District (LSID), Hustisford, Dodge County, Wisconsin. Brian was brought in by LSID's existing consultant to help the District execute its vision of a restored lake primarily through the management of sediment. Working with LSID and following guidance from WDNR, Brian has initiated the first phase by working with the District to submit for the funding of a targeted lake management plan to address nuisance and legacy sediment leading to navigational impedance. Brian is also providing LSID with guidance to enhance existing background data and working with watershed stakeholders to develop long term phosphorus controls.

Lake Aldo Leopold Phased Silt Recovery Project, Prairie Crossing HOA Environmental Committee, Grayslake, Illinois. Engaged in a 10-year, 3-phase silt recovery project with the Prairie Crossing HOA Environmental Committee to recover enriched sediments from the bottom of the lake for land application and resale. The Prairie Crossing Community is unique and renowned regionally as the model example for conservation subdivision design. Sediment testing has yielded unique quality enriched lake sediment readings and is ideal for local land application. The project permitting was completed and consisted of incidental take measures for five (5) state threatened species. Developed all bid and construction documents and assisted the PCHOA in contractor selection.

Lake Eleanor Silt Removal Project, Lake Eleanor Association, Deerfield, Illinois. Coordinated partnerships with multiple municipalities and agencies in conjunction with the Lake Eleanor Association (LEA) to facilitate silt removal from private property onto public property across municipal borders. Developed conceptual dredging layout for 32,000 cubic yards of material from Lake Eleanor onto Lake County Forest Preserve District (LCFPD) property coordinating approvals from the Union Drainage District (UDD), US Army Corps of Engineers (USACE), and the Village of Bannockburn. The project is in the process of receiving approval from the LCFPD.

Ryerson Creek Restoration at Lake Muskegon, TDY Industries, Muskegon, Michigan. Worked as the design lead in the restoration of 800 lineal feet of reconstructed shoreline within Lake Muskegon after the completion of remedial sediment removal and capping. Coordinated with the comprehensive team of TDY Industries (Client), Michigan EGLE, and U.S. Army Corps of Engineers. Under the direction of team partner Michigan EGLE, developed a shoreline alternative design with minimal hard armoring to resist record Lake

Michigan high water levels and encourage habitat recovery. Facilitated multiple team and stakeholder review sessions to evaluate and incorporate public comments into the design and permitting process. Completed bid documents and assisted in the compilation of permits and construction drawings.

Lake Aldo Leopold Northern Bay Restoration, Prairie Crossing Homeowners Association Environmental Committee, Grayslake, Illinois. Completed design engineering and permitting for the revitalization of 900 feet of degraded shoreline identified in the northern bay of Lake Aldo Leopold, a heralded local lake which exhibits exceptional water quality and serves as a state threatened and endangered species hatchery. Due to these achievements, lake improvement projects receive additional considerations and protections during permitting and design, such as dewatering, pumping, and materials used. Construction was completed in 2017.

Fox Lake Chain O'Lakes Watershed Workgroup Analysis, Fox Waterway Agency (FWA), Fox Lake, Illinois. Developed a stakeholder pay-in prioritization plan for workgroup and traditional watershed-based planning efforts utilizing municipal separate storm sewer system (MS4) and publicly owned treatment works (POTW) contributions. Performed a weighted average fee assessment of watershed stakeholders using GIS spatial justification of MS4 service area and POTW treatment volume. Assisted FWA through the formation of a watershed discovery panel to propose a multi-year watershed planning to the FWA Board of Directors. Completed preparation work for Section 319 grant and section 604(b) grant and GIS analysis to support pay-in decision making.

Average Annual Sediment Loading for Bangs and Slocum Lakes, 4 Lakes Watershed Initiative, Lake & McHenry Counties, Illinois. Utilizing the Long-Term Hydrologic Impact Assessment (LTHIA) model, analyzed the average annual loading of the Bangs and Slocum Lake watershed for total solids, phosphorus, and nitrogen. The analysis and subsequent technical report were developed as part of a grant funding for green watershed initiatives within the 4 Lakes Watershed Planning area. The 4 Lakes Watershed Planning area was the precursor to what is now the 9 Lakes Watershed-Based Plan. The results of the plan have identified regional best management practices to be placed throughout the watershed to reduce the impact of surface water runoff generated from land use within the drainage area.

Lily Lake Shoreline and Aquatic Habitat Evaluation, Village of Lakemoor, Illinois. Completed an analytical investigation of the Lily Lake shoreline and near-shore in water aquatic habitat. Lily Lake is an 85-acre glacial lake impacted by direct runoff from IL State Highway 120. The assessment reviewed direct runoff and storm drain inputs to recommend shoreline treatment options and BMPs that could be installed to disconnect impervious surfaces from the lake while stabilizing and reducing the impact of wave action. The final written evaluation was completed in 2015.



111 Wilmont Dr Unit L | Waukesha, WI 53189
 262-337-0083 | obulls@ecowaterway.com | www.ecowaterway.com

RECIPIENT:

Waterford Waterway Management District

C/O Grant Horn
 Waterford, Wisconsin 53185
 Phone: (262)599-4766 - Grant

Invoice #2622	
Issued	01/14/2022
Due	01/14/2022
Total	\$2,950.00

For Services Rendered

PRODUCT / SERVICE	DESCRIPTION	QTY.	UNIT PRICE	TOTAL
Notes	Final Invoice	1	\$0.00	\$0.00
Hourly Services	DNR Dredging Permitting and consulting services for Tichigan Lake dredging project. Eco will file for the the DNR dredging permit and work with Grant Horn and the WI DNR on determining best management practices for dredging services for approximately 500 riparian properties. >Communications with DNR on transition of project from Theresa Alveraz to Luke Roffler. >Assist WWMD on determining best permit to file: Group Impoundment permit or Group Individual permit. WWMD has decided to go with the Individual permit application. >Endangered Resource Reviews >SWDV maps for wetland delineations - dredging and disposal areas > Cross Section CY calculators > Dredge equipment project plan - showing equipment paths, methods, and errosion control practices - with Grant's assistance. >Online permit filing and subsequent communications regarding DNR dredging permit approvals.	1	\$2,450.00	\$2,450.00
Hourly Services	Additional charges due to changes and additions to site maps and disposal sites causing duplicate mapping processess. Approved by Grant.	5	\$100.00	\$500.00
Notes	Eco will not be assisting in obtaining permission signatures from riparian participants. Estimate does not include any WPDES, solid waste management permits, or County and City required permits. Services can be provided under separate quote.	1	\$0.00	\$0.00



111 Wilmont Dr Unit L | Waukesha, WI 53189
262-337-0083 | obulls@ecowaterway.com | www.ecowaterway.com

Thank you for your business. Please make all payments payable to Eco Waterway Services and REMIT to address listed on invoice.

Subtotal	\$2,950.00
Total	\$2,950.00
Deposit collected	- \$2,450.00
Invoice balance	\$500.00

**TOWN BOARD MEETING FOR WATERFORD
415 N. MILWAUKEE ST.
APPROVED/OFFICIAL MINUTES FOR DECEMBER 13, 2021**

1. Town Board meeting was called to order at 5:30 PM by Chairman Hincz. Present: Supervisors Nicolai, Gauerke, Szeklinski, Attorney Dubis, Police Chief Johnson, Sergeant John Nelson, TVFC Gavin DeGrave, WWMD Commissioner Greg Horeth and residents of the Town.
2. Chairman Hincz led the Pledge of Allegiance.
3. Printed Minutes: **Supervisor Nicolai motioned to approve the Town Board meeting minutes dated November 8, 2021, as presented. Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**
4. Treasurer Report/Payment of Claims- Supervisor Szeklinski read the Treasurer's report. **Supervisor Gauerke motioned to approve the report and the claims as presented including using the ARPA funds for the furnaces, seconded by Supervisor Nicolai. Vote taken: 4-0. Motion carried.**
5. Correspondence: Chairman Hincz read an email from Dr. Luke Francois requesting a Town designee to attend the December 15th stakeholders meeting. Supervisor Nicolai indicated that she would attend.
6. Committee Reports:
 - a) Police Dept. Report- Sgt. Nelson noted that officers were assigned to a total of 292 actual calls for November. Chairman Hincz noted that the all the departments involved in the parade did an excellent job.
 - b) Tichigan Vol. Fire Co- Assist. Chie DeGrave noted 22 rescue calls and 13 fire calls. Staffing for previous month was \$10,120. January will be a CPR class but date is to be determined. DeGrave asked about the ordinances they proposed. Supervisor Nicolai indicated that sha had spoken to Chief Miller and some items need to be addressed. Supervisor Gauerke noted that after their last meeting there were changes that were supposed to be made under mitigation and he noted that some of the rates have not been changed.
 - c) WWMD- Greg Horeth reported that this is a slow time of the year. WWMD is in the process with the DNR for the launch located in the Bayside Subdivision. WWMD is working on a small-scale dredging project. They did not receive any RFPs but will reach out to some engineers who have shown an interest. WWMD would like to apply for federal grants but to do so they need a DUNS #. They need an actual address not just a PO Box. **Supervisor Szeklinski motioned to allow the WWMD to use our address, 415 N. Milwaukee St., seconded by Supervisor Gauerke. Vote taken: 4-0. Motion carried.**
 - d) Park Dept.- Closed for the season.
 - e) Road Dept.- Ken Hinz stated that he attended another meeting in regards to TRID and TRIS grants. Both grants will be used for Town Line Rd. next month on the TRID and TRIS grants which would be used for Town Line Rd. Chairman Hincz expressed some concern over the final cost. Hinz stated that the Town would have 5 years to complete the project. Supervisor Gauerke inquired as to the status of the catch basins on N. Lake Dr. Hinz indicated that they were fixed. This should help with the flooding some residents are experiencing.

- f) Board of Health- Supervisor Nicolai noted that Margaret Gessner's last day will be Thursday, Dec. 16th.
- g) Town Planning Recommendations-
 - Jensen Pkwy. - Applicant was in appearance. Supervisor Gauerke indicated that the issue right now is the sewer. Mr. Jensen's property is in the WSD #1 area but not in WRCSD. This could take a while for WRCSD to align the boundaries. Mr. Jensen did not appear before Planning as he missed some meetings. **Supervisor Gauerke motioned to have Mr. Jensen appear before the January 3rd Planning Commission meeting, seconded by Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**
 - Conceptual Plan- Senft, 28444 N. Lake Dr.- No action as applicant was not able to attend Planning.
 - Rezone & LUP Amendment- Hoppe, directly west of 33317 Hill Valley Rd.- Supervisor Gauerke questioned both the owner, Carol Hoppe, and applicant, AJ Schkeryantz if they were voluntarily deed restricting the lot to no further land divisions without Town and County approval. Both indicated that they were deed restricting. **Supervisor Gauerke motioned to approve the rezone and the LUP amendment with the deed restriction, seconded by Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**
 - Conditional Use- Mealy, directly south of 3235 Honey Creek Rd.- Applicant, Eric Mealy, is creating a substandard remnant parcel and therefore voluntarily deed restricted both parcels to no further land division without Town and County approval. **Supervisor Gauerke motioned to approve the CUP subject to the deed restriction and the payment of the CSM fee when a building permit is applied for, seconded by Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**
 - Preliminary CSM- Shaw, lots located adjacent to 4811 Elm Island Cr. & 29220 Elm Island Dr.- Applicant was not in appearance. **Supervisor Gauerke motioned to accept Planning approval of the preliminary CSM as long as it does not include anything with the road vacation, seconded by Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**

7. Old Business:

- a) Discussion & possible action re: resolution calling for a referendum to fund a new full-time Police Officer- Attorney Jennifer Gorn was in attendance as she is the one who is drafting the resolution and referendum question. Atty. Gorn indicated that we have to be very careful on the wording. Board needs to decide what election this should be on. Gorn noted that with the April Election the board would really be taking a chance as the Town will not have any numbers from the State. DOR prefers November with August coming in 2nd. Gorn feels November would be better as we will have a better handle on the numbers from the State. **Supervisor Nicolai motioned to proceed with the referendum for November 8, 2022, seconded by Supervisor Gauerke. Vote taken: 4-0. Motion carried.**

8. New Business:

- a) Appointment of Election Officials- **Chairman Hincz motioned to appoint the following as Election Officials, seconded by Supervisor Szeklinski. Vote taken: 4-0. Motion carried.**
 1. Janene Littmann
 2. Joyce Gerard
 3. Heather Frank

4. John Sobieski
 5. Maria Grambow
 6. Dick Grambow
 7. Janet Peterson
 8. Pam Burke
 9. Larry Balzer
 10. Linda Balzer
 11. Julia McDougell
- b) Ordinance repealing Chapter 15 relating to the health Dept.- **Supervisor Nicolai motioned to approve the ordinance, seconded by Supervisor Gauerke. Vote taken: 4-0. Motion carried.**

Forthcoming Events-

Supervisor Szeklinski motioned to adjourn the meeting at 6:25 pm, seconded by Supervisor Nicolai. Vote taken: 4-0. Motion carried.

Respectfully Submitted,

Tina Mayer, Town Clerk



Waterford Waterway Management District
Information and Education Committee

1.26.2022

Chairperson: Alex Abendschein

Committee Members: Megan Dickenson-Corey, Maureen Vander Sanden, Brandon Begotka, and Patty Schilz

The committee will begin meeting again in February.

Riparian Owner Communication: A winter update will be sent out to riparian owners following the January monthly meeting. Winter update will present plans discussed and progress made on dredging and lake management.

Website and Email Hosting: All commissioners have been integrated into the new Microsoft 365 system. In addition, all files have been migrated from Google Drive to One Drive thanks to the efforts of Dan Schultz and Margaret Shoptaw.

Constant Contact Engagement:

Current # of Email Subscribers: 559 (+6 subscribers)

Website (past 30 days): 177 Unique Visitors 458 Page Views 4:02 Session Time Avg.

Facebook Engagement (past 30 days): Reach 522