



September 24th
“2022”

WATERFORD WATERWAY MANAGEMENT DISTRICT

Annual Meeting

A scenic view of a waterway with a small dam, a boat, and lush greenery. The image shows a calm body of water with a small dam in the foreground, creating a gentle waterfall. A white boat with a blue canopy is docked on the right side. The background is filled with dense green trees and a cloudy sky. The text is overlaid on the image.

Waterford Waterway Management District *“Mission Statement”*

Mission Statement: To develop, improve and maintain the Waterford waterway, its fisheries, its watershed, its boundaries: while maintaining the highest possible quality of living experience for its residents

From the roots up!

Presentations by Committee Chairman:

APM-Bill McCormick

ESR-Grant Horn

Finance/Treasurer-Margaret Shoptaw

*Information/Education/Marketing-Alex
Abendschein*

Legislative-Scott Uhler

Secretary-Dan Schultz

Special Projects-Scott Uhler

Commission Chairman-Greg Horeth

From the roots up!



2022 Overview

Vision/Goals/Objectives and Results

From the roots up!

Vision/Goals/Objectives

Focus:

- Use of Mission Statement as guiding principle
- Improved community communications
- Chemical reduction in the waterway
- Eco system improvements-Dredging update
- Direct control of weed management efforts (purchase/lease own equipment)
- Fish population improvement
- Enhanced recreational opportunities

From the roots up!



Vision/Goals/Objectives-Continued

Focus

- Ability to harvest in less than 3' of water
- Removal of weeds from the waterway
- Improvement on challenges of water run-off
- Property parcel “Special Charge” audit
- DNR and regulatory group relationship enhancements
- Update email distribution lists
- Lake Management Plan
- Waterford Police Department Water Patrol

• *From the roots up!*



Results

- Website Enhancements
- Transfer Barge lease to purchase deal
- Purchase of a new 620 Series 9'X6' 12,500 lbs. weed harvester
- Purchase of a new ILH7-450 7'X6' 7,000 lbs. weed harvester
- Leasing and operation of Mechanical Cutter
- Property Parcel Audit and updates for all 1000 owners
- Hiring Grant Writing company to represent WWMD

From the roots up!

Results

- DNR relationship/partnership allowing for modifications to the LMP navigational lane management efforts
- Buena Lake EWM ProcellaCOR treatment results
- ProcellaCOR treatments in Elm Island, Island View and Fowlers Bay
- Social Media awareness plan
- Waterford Police water safety patrol enhancements
- Development of Small Scale Dredging Plan-on going
- Participation with Racine County on Land Conservation efforts and plans

From the roots up!

Waterford Police Water Patrol

- Improvements/Increases in water patrols
- Increase in citations/warnings issued
- Importance of following water safety rules:
 - Recklessness and rules violations
 - Driving on correct side of buoys
 - Fines-\$\$\$
- Damage to buoys and lighting an issue
- Making the waterway safer:
 - Follow the rules
 - Placing addresses on piers
 - Repairing damaged piers

From the roots up!

Aquatic Plant Management (APM)

-Bill McCormick-

Started harvesting on May 16, 2022, however had equipment issues during the first two weeks of harvesting.

Herbicide treatments to navigation lanes in Buena, parts of the river and lake Michigan took place June 7th, 2022.

Negotiated with DNR to cut in water less than 3 feet

Secured a DNR grant for \$143,000 to off-set purchase of new weed harvester. 9'X6' 12,500 lbs. Aquarius Harvester.

Sold Eco-Harvester back to manufacturer, used proceeds to purchase an additional Inland Lakes weed harvester. Estimated arrival June of 2023.

Weeds are definitely down from 2021 season. ProcellaCOR, herbicide after harvesting method and reduction in zebra mussels.

Harvesting team removed roughly 1,130,000 lbs. (113 trailer loads) of weeds. Down from 252 loads in 2021.

Special thanks to Tom Greil, Tom Hincz and Village of Waterford for assistance with loading and off-loading sites



From the roots up!

APM (Continued)

-Bill McCormick-

Our harvesting operations are extremely inefficient due to great distances to public and private launches for weed off loading!

Plan for 2023:

Seek a DNR grant for help with our ProcettaCOR treatment for Lake Tichigan. 94 acres will be largest area ever treated in WI.

Look at constructing a new boat launch site to be used for weed harvest off-loading.

Continue with no-cost lease of the weed harvester from Aquarius.

Harvesting operations scheduled to start May 15, 2023.



From the roots up!

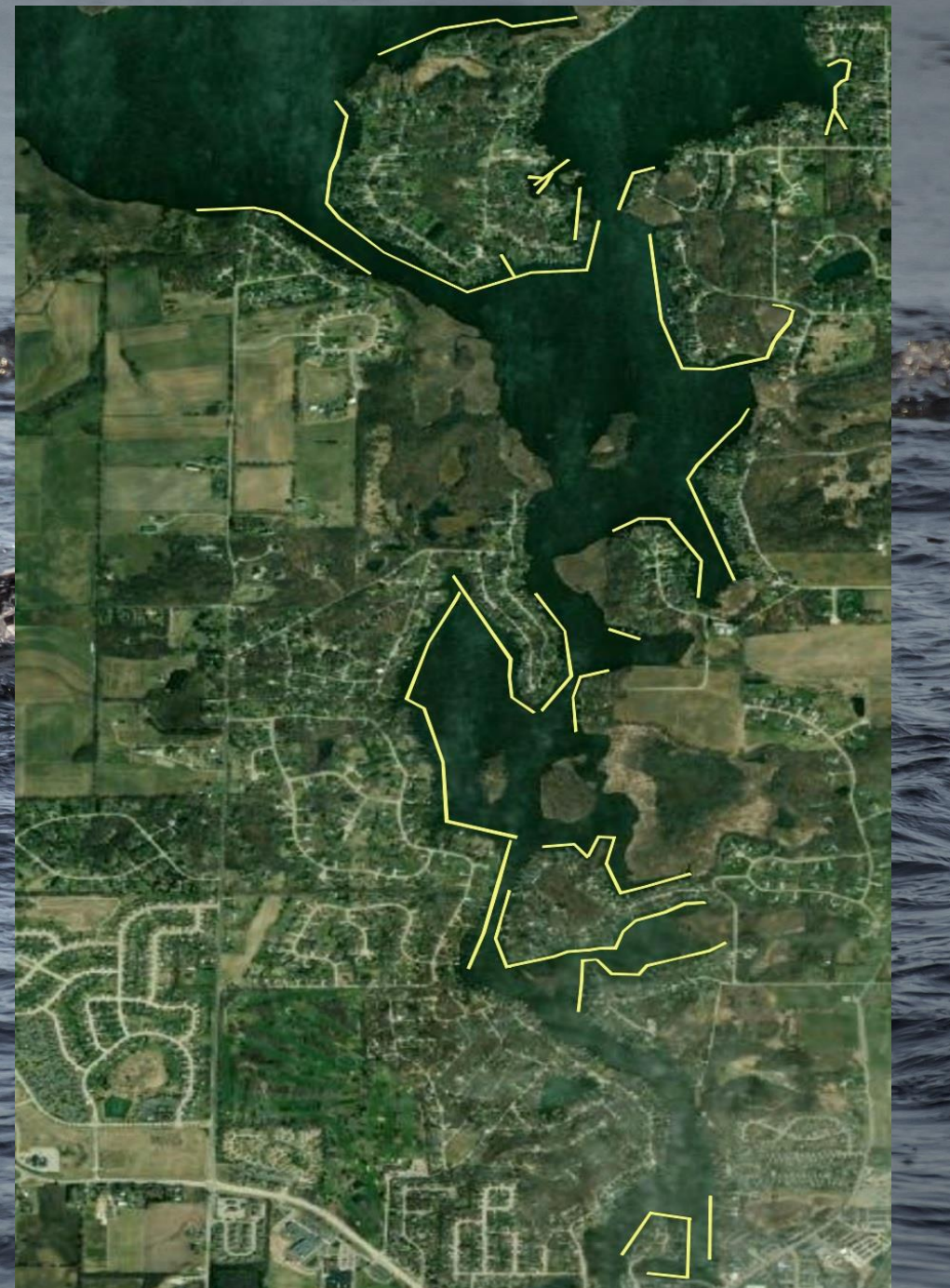
Eco-System Restoration (ESR)

-Grant Horn-

2022 Work:

- Developed New Dredging Plan That Includes Access Channels
- RFP for Engineering of Project Manual / Dredging Bidding Documents
- Selected and Approved Engineer K & A
- Project Manual for Dredging Completed
- RFP for Dredging Issued – No Bids Received
- Significant New Disposal and Sediment Spreading Sites and Temporary Storage Areas Secured – Greatly Reducing Cost
- Initial DNR Permit Process for Small Scale Dredging Applied For
- \$50,000 Grant Secured for 2022

From the roots up!



Eco-System Restoration (ESR)

-Grant Horn-

Not Your Father's Dredging!

- This is not the dredging you have heard about for the last 15 years
- This is not limited to dredging around piers, docks, and boat lifts in the bays that you heard about last year
- Nearly 8 miles of channels 25' wide and up to 5' deep will be dredged in our waterway.
- No owner will be forced to participate or pay additional costs above and beyond their current annual fee
- Anyone in the project areas can opt-out and **MUST** opt out in order to not pay additional costs
- Removing 145,000 cubic yards of sediment

From the roots up!



Eco-System Restoration (ESR)

-Grant Horn-

How Does This Affect Me?

- If you are an owner on Lake Tichigan or the Fox River and are not in the project area..... you will benefit by being able to travel to additional areas of the waterway that were previously inaccessible by most boats at no additional cost above and beyond your current fee
- If you are in any of the project areas and do not opt out of the project, you will benefit both from the channels as well as a 30' wide dredging path to your pier or shoreline, up to 5' deep
- If you opt out, you will not benefit from the dredging to your pier or shoreline
- If there are not enough participants in your area, your channel may be eliminated from the project

From the roots up!

14



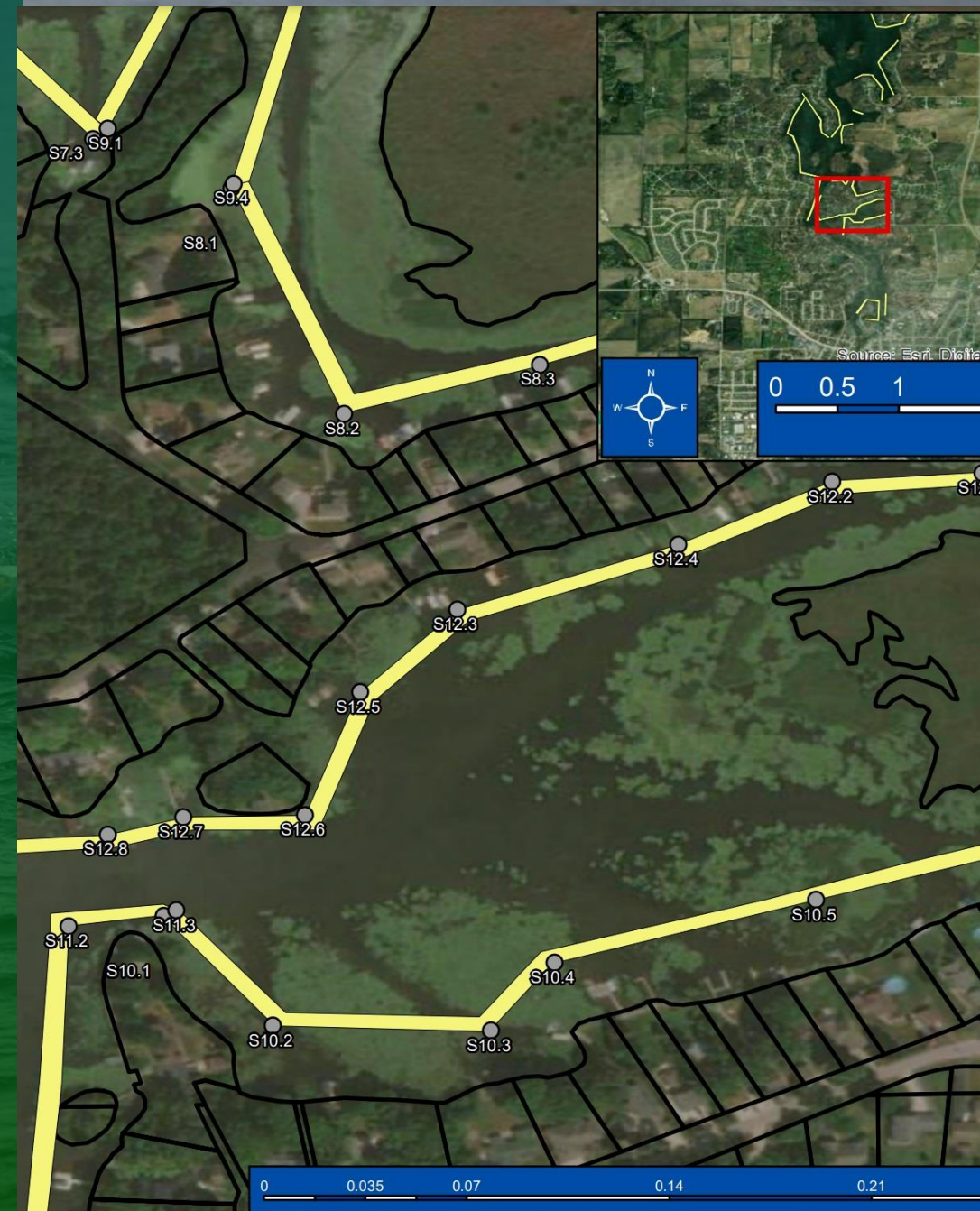
Eco-System Restoration (ESR)

-Grant Horn-

Who Will Pay for This?

- From the initial RFP process, we received feedback from bidders that \$8,000,000 would likely have been the total cost prior to our re-bid efforts
- New clarifications, changes to bid requirements, access point contracts, disposal site contracts, reduction of travel on town roads are expected to reduce costs
- 595 properties lie in the project areas
- Directly affected property owners shouldering majority of cost
- A portion of the annual fee currently paid by all riparian owners will be allocated towards the total cost of the project as a part of the WWMD annual budget

From the roots up!



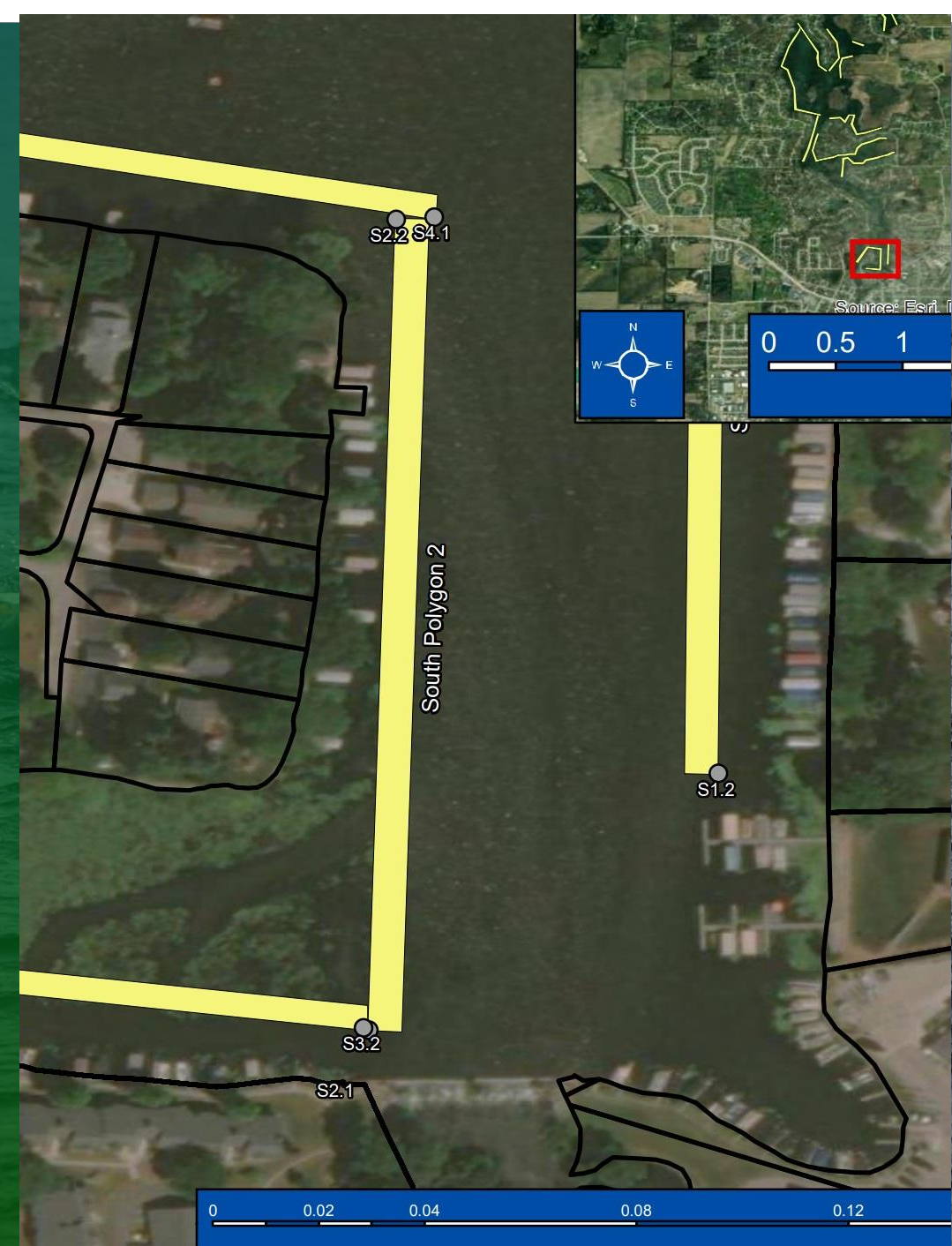
Eco-System Restoration (ESR)

-Grant Horn-

Why Should I Pay For This?

- The project has a positive affect on the entire waterway – removing 145,000 cubic yards of sediment that is loaded with nitrates that encourage the growth of invasive aquatic weeds
- Improves key river and channel point access for everyone's navigational opportunities
- If there is not enough participation in your area, your channel may be removed from the project
- Ability to get your boat from your pier out to river and lake in 2023 and for your kids and grandchildren.

• *From the roots up!*



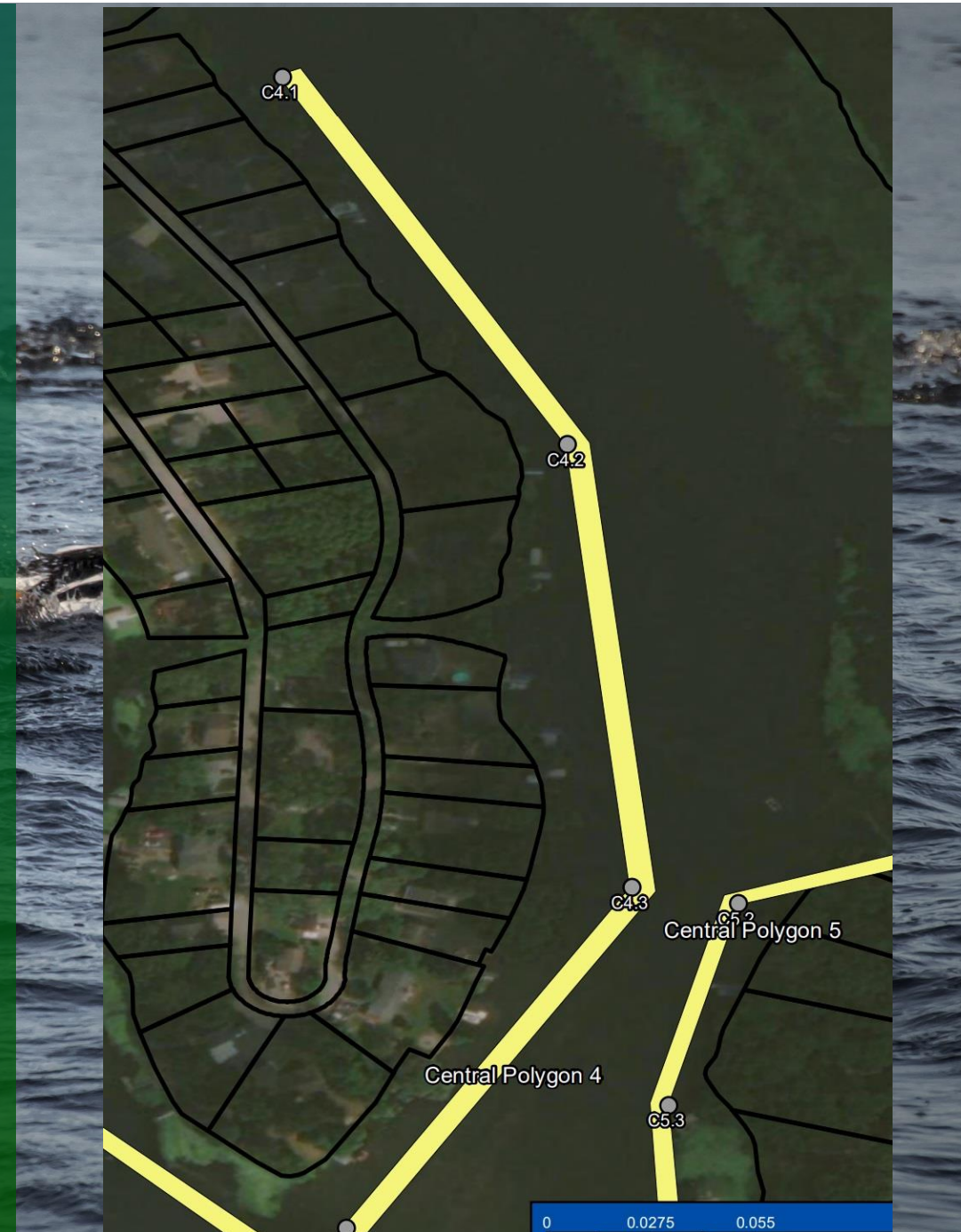
Eco-System Restoration (ESR)

-Grant Horn-

Details of the Project:

- In winter of 2022-2023 we will go out for bid again, this time with contracts for access sites, disposal sites, and sediment storage areas secured and provided to dredging contractors - also DPW will have approved town road travel routes prior to bidding process
- Special meeting will be held in winter of 2023 which will require owners to approve project to move forward
- If approved, project will be awarded to a bidder
- Project would start on July 5, 2023 and end in December of 2025 or sooner

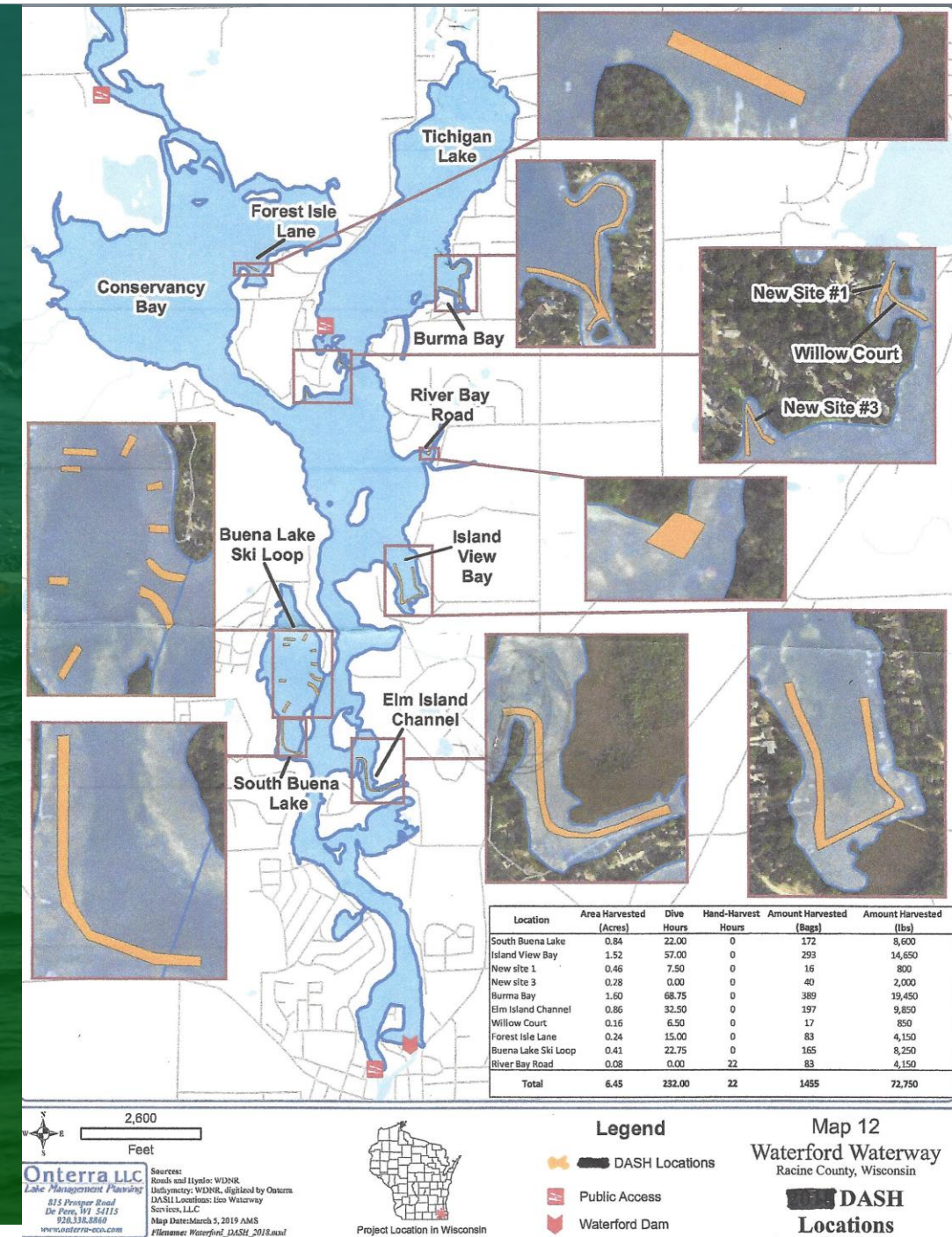
• *From the roots up!*



Marketing/Information/ Education

Alex Abendschein

- Website Progress and Updates
- Splash Updates
- Social Media engagement development
 - Facebook Live Feeds
- Email List development
- Feedback from Riparian owners
- Printed Mailings
- E-Newsletter development opportunities
 - Stories from the lake



Special Projects

-Scott Uhler-

- Regular “Surface Water Quality Monitoring”-Testing completed in May/June/July/August with results being evaluated by Wisconsin State Labs
- Storm Water Runoff projects:
 - Past and future opportunities
- Rain Garden development options to minimize runoff situations
- Reviewed 6 different companies to assist with Grant Writing and selected Hey and Associates to support the WWMD
- Development of Grant Funding plan utilizing our Grant Writing Company-Hey and Associates



Legislative -Scott Uhler-

- Monitoring of State and Federal Legislative developments
 - No major changes in 2022
- Review being conducted of possible Federal Monies being available
- Supported a Lake District Campaign in Wisconsin to prevent the passage of a DNR bill (NR 107/109) which would have greatly increased our cost of operation

From the roots up!





2023 Budget Overview

From the roots up!

#	A	B	C	D	E	F	G
		FY21	FY22			PROPOSED FY23	
1		Oct 20 - Sep 21	Oct 21 - Sep 22	Oct 21 - Aug 22	Sep 22	Oct 21 - Sep 22	Oct 22 - Sep 23
2		Actual	Budget	Actual To Date	Estimated Remaining	Estimated Actual	Budget
REVENUE							
3	Other (donations, interest)	\$ 2,029	\$ 2,000	\$ 200	\$ 60	\$ 260	\$ 700
4	Grants	\$ 14,863	\$ 110,000	\$ -	\$ 50,000	\$ 50,000	\$ 223,350
5	Special Charge	\$ 245,500	\$ 375,000	\$ 370,500	\$ 28,875	\$ 399,375	\$ 375,000
6	Loan Proceeds	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -
7	Use of (Addition to) Reserves		\$ 89,035				\$ 209,944
8	TOTAL REVENUE	\$ 262,392	\$ 716,035	\$ 370,700	\$ 78,935	\$ 449,635	\$ 808,994
EXPENSES							
Capital							
9	Capital Purchases		\$ 200,000				\$ 322,184
10	Depreciation on Capital	\$ 7,609		\$ 20,294	\$ 1,267	\$ 21,561	
11	Debt Service - Principal		\$ 11,208				\$ -
12	Debt Service - Interest	\$ -	\$ 1,167	\$ -	\$ -	\$ -	\$ -
13	TOTAL CAPITAL	\$ 7,609	\$ 212,375	\$ 20,294	\$ 1,267	\$ 21,561	\$ 322,184
Operating							
14	Administrative	\$ 22,461	\$ 21,900	\$ 19,481	\$ 2,522	\$ 22,003	\$ 28,200
15	Aquatic Plant	\$ 193,150	\$ 303,260	\$ 155,613	\$ 44,171	\$ 199,783	\$ 348,360
16	Contingency	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000
17	Dredging/ESR	\$ 10,536	\$ 115,000	\$ 103,669	\$ -	\$ 103,669	\$ 50,000
18	Finance	\$ 30	\$ 20,000	\$ 8,201	\$ 2,500	\$ 10,701	\$ 20,000
19	Marketing, Information, & Education	\$ 2,100	\$ 13,500	\$ 2,680	\$ 3,000	\$ 5,680	\$ 8,250
22	Special Projects	\$ 2,683	\$ 20,000	\$ 1,704	\$ 1,854	\$ 3,558	\$ 22,000
23	TOTAL OPERATING	\$ 230,959	\$ 503,660	\$ 291,348	\$ 54,047	\$ 345,395	\$ 486,810
24	TOTAL EXPENSES	\$ 238,568	\$ 716,035	\$ 311,642	\$ 55,314	\$ 366,955	\$ 808,994
25	NET INCOME (LOSS)	\$ 23,824	\$ -	\$ 59,059	\$ 23,621	\$ 82,680	\$ -

FY23 Budget

FY23 Cash Position

	FY21		FY22		FY23	
		End Balance	Net Cash Increase (Decrease)	End Balance	Net Cash Increase (Decrease)	End Balance
26	Cash Position	\$332,532	\$129,689	\$462,221	-\$209,944	\$252,277

From the roots up!



Budget Approval Vote

From the roots up!



Commissioner Elections

Commissioner term
due for election
(only one position)

- Gary Bluemel
- Dan Schultz-Re-election
- Write-Ins

Special Thanks to:

Terry Alby for the amazing photography

The Tichigan Lake Lions Club for being our host for the annual meeting

The Town and Village of Waterford for their engagement and support through the year

To all the volunteer who assist the WWMD and all the Riparian Owners

From the roots up!

Thank You

“For helping manage from the Roots Up”!!!!

