

# A Proposal for Dredging on Lake Redstone

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Lake Redstone Protection District

Public Meeting

May 18, 2019

# Agenda

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**Welcome & Introduction – Mike Mittelstadt, LRPD Chair – 5 minutes**

**Dredging Project Update – Cary Dudczak, Dredging Committee – 30 minutes**

**Resolution – Mike Mittelstadt – 10 minutes**

**Questions & Comments - LRPD Board – 30 minutes**

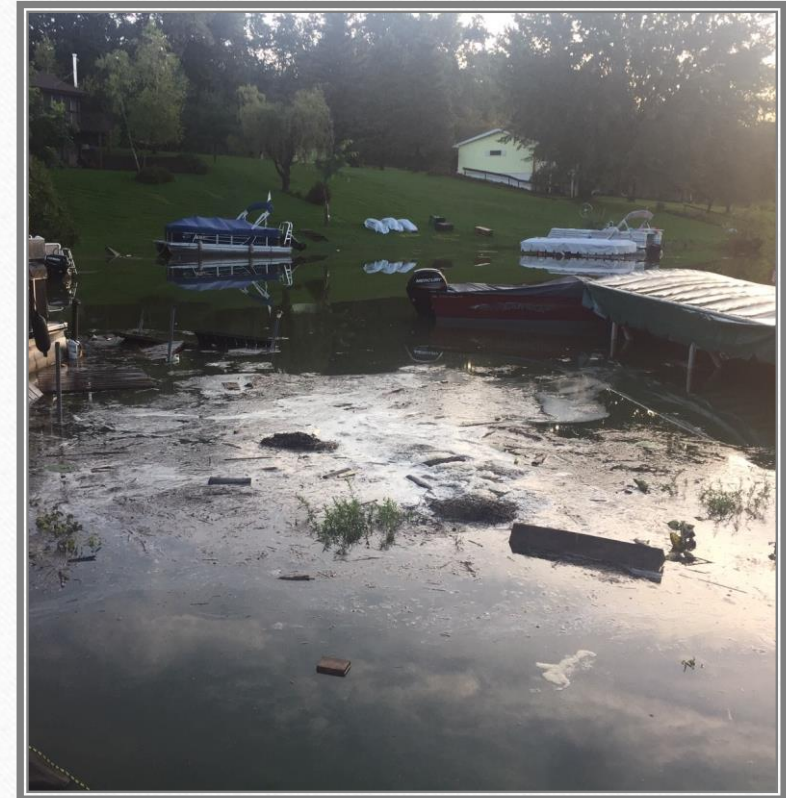
**Voting**

**Announcement of Voting Results – Mike Mittelstadt**



# Dredging – needed more than ever

- Last dredging was done in the 1980's
- Sediment has been building up on average at a rate of 3000 cubic yards/year
- The floods in 2018 dramatically impacted the lake
  - An additional 67,340 cubic yards deposited in the bays compared to 2015 (Based on sediment surveys in 2015 and 2018)



# 2018 Floods

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# Efforts to minimize dredging costs

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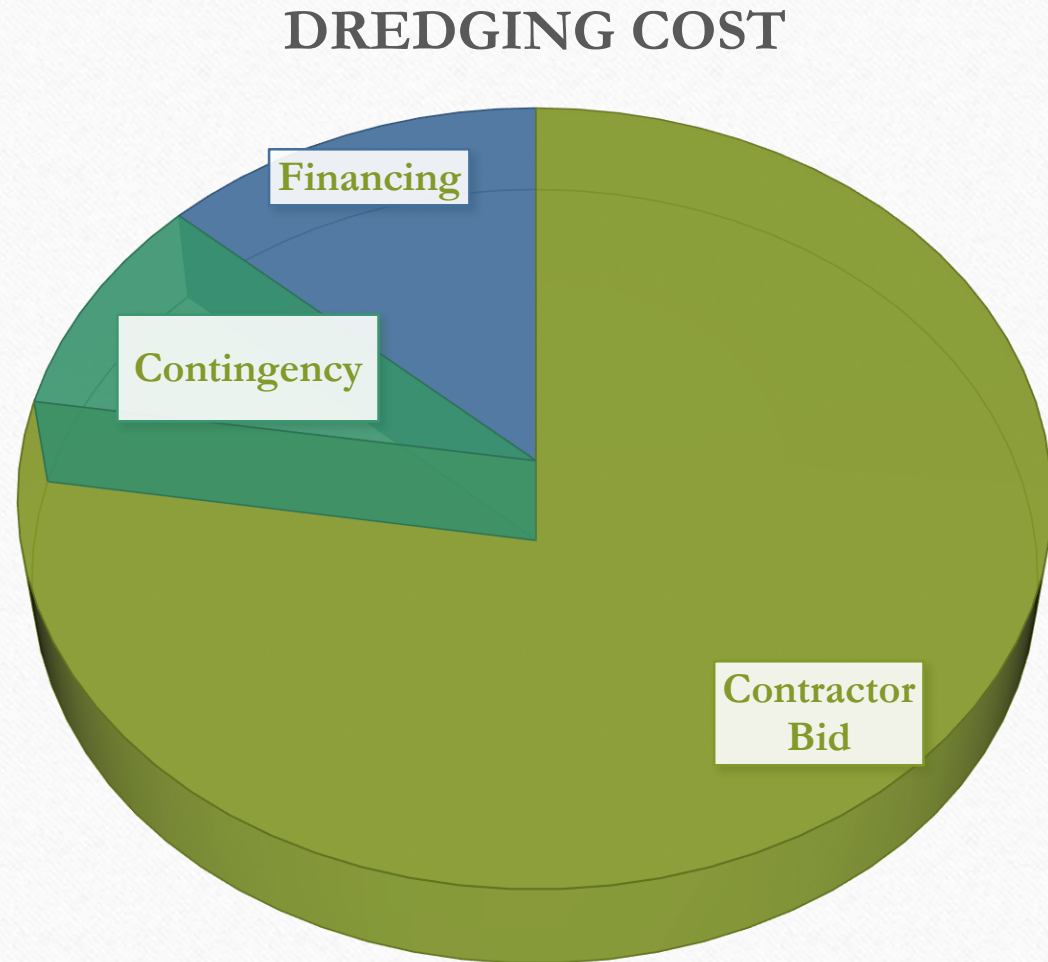
- Interviewed contractors after the 2018 bidding process – Lessons learned
  - Why didn't they bid?      How could we reduce cost?
- Six disposal sites made available – Thank you landowners!
- Allow for hydraulic, mechanical, or combined dredging methods to be bid
- Allow a longer period of time to complete the project
  - Begin early summer 2019 or 2020 with completion by the end of 2020

## Results

- Reduced estimated project cost over \$2 Million
  - 2018 estimate: \$6.5 Million
  - 2019 estimate: \$4.3 Million

# What makes up the Dredging Project Cost?

- **Contractor Bids**  
Published on web site & in newspapers
- **Contingency Component**  
Accounts for unforeseen costs (additional dredged sediment)
- **Loan Financing Cost**  
Cost of borrowing money





# Dredging Tax Levy

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- The dredging tax levy currently assumes no other funding source and the full contingency is needed
- Tax levy applies for up to ten years
- The tax levy will be lowered based on any future funding that might become available

Project Component	Cost
Contractor Bid	\$3.3 Million
Contingency	\$400 Thousand
Financing Cost	\$563 Thousand
<b>Tax Levy</b>	<b>\$4.263 Million</b>

## Example using 2018 Assessed Valuation

Tax Levy for ten years	Annual tax increase for a \$100K property (for 10 years)	Annual tax increase for a \$300K property (for 10 years)
\$4.263 Million	\$182	\$547

# Potential Project Cost Reductions

## Reducing the Tax Levy

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- **Not spending the entire contingency**
  - Reduction in construction cost (amount of sediment dredged)
- **FEMA reimbursement for 2018 damage claim**
- **Wisconsin DNR channel grant**
- **State of Wisconsin relief**
- **Sauk County relief**
- **Town of LaValle relief**
- **Donations**



# Support Funding the Dredging Project

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- **Sauk County** – LRPD engaged with county officials regarding 2020 budget consideration. Feedback expected December 2019
- **State of Wisconsin** – Met with Representative Kurtz. Raised awareness of the importance of the lake and recent damage from 2018 storms. The possibility of state support is being pursued. Feedback expected October 2019
- **DNR** – Channel navigational grant. Re-apply in August 2019
- **FEMA** – Requested financial aid from the public assistance program. Details on next slide

**The above funding can only be considered for committed projects**

- **Tax Levy** – Voting today to approve or not. Applies to all LRPD properties
- **Private & Business Donations** – Program launch summer 2019

# FEMA Dredging Relief

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- If the LRPD claim is fully approved, we'd expect \$875,000
- Decision is expected late 2019
- Reimbursement over 2-3 years
- If the dredging resolution is not approved, we must withdraw our application for FEMA assistance
- This is our only opportunity for FEMA dredging assistance



# The Proposed Dredging Plan

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- **Equipment mobilization: mid-June**
- **Mechanical dredging begins: the week after 4<sup>th</sup> of July**
- **Barges haul spoils to Mourning Dove LRPD lots for off-loading to trucks.**
- **Spoils trucked to two off-lake sites**
- **Hours of operation: Monday to Friday 10 to 12 hours per day**
  - **Dredging operations suspended over July 4<sup>th</sup> & Labor Day weekends**
- **Planned completion: October 2019**



# Mechanical Dredging

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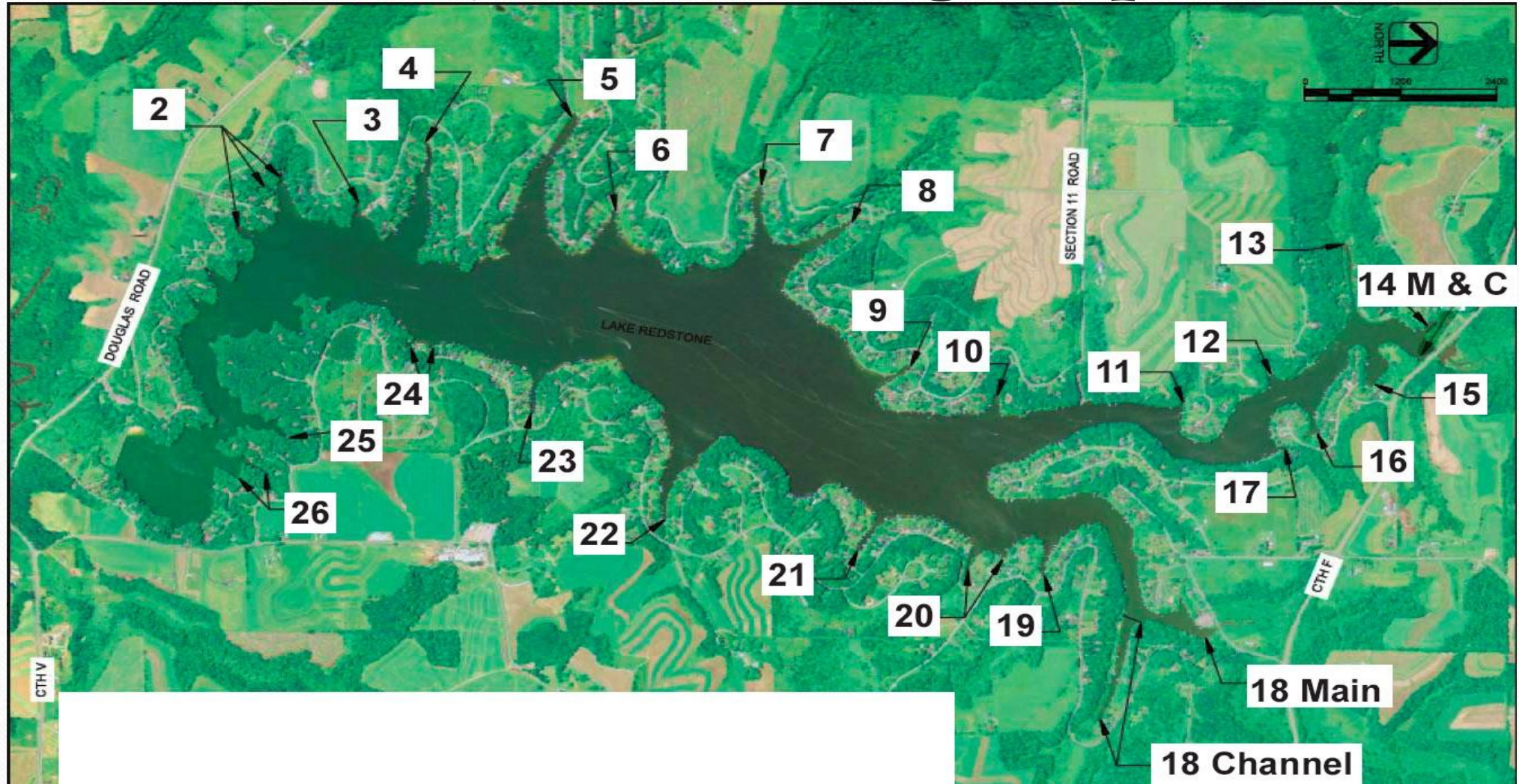
# Preparations For & Impacts When Dredging

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- All piers, lifts, boats, platforms, water toys must be removed prior to the start of dredging in a bay until completion of operations in that bay
- There will be no water access to a bay where dredging is underway
- Tentative schedule on next slides



# Bay Numbering Map





# Tentative Dredging Schedule

Impacted lot numbers provided at later date

Bay	Name	Start		End	
5	Mourning Dove - Main	Mon	7/8/2019	Fri	7/12/2019
4	Oriole	Mon	7/15/2019	Wed	7/17/2019
3	Sauk	Thu	7/18/2019	Thu	7/18/2019
2	Canary	Fri	7/19/2019	Fri	7/19/2019
26	Sac Court	Mon	7/22/2019	Mon	7/22/2019
25	Navaho	Tue	7/23/2019	Tue	7/23/2019
24	Raven	Wed	7/24/2019	Wed	7/24/2019
23	Cardinal	Thu	7/25/2019	Mon	7/29/2019
6	Mourning Dove - Small	Tue	7/30/2019	Thu	8/1/2019
22	Eagle	Fri	8/2/2019	Thu	8/8/2019

# Tentative Dredging Schedule

Impacted lot numbers provided at later date

Bay	Name	Start		End	
7	Chickadee - south	Fri	8/9/2019	Tue	8/13/2019
8	Chickadee - north	Wed	8/14/2019	Thu	8/15/2019
9	Chippewa	Fri	8/16/2019	Tue	8/20/2019
21	Hummingbird	Wed	8/21/2019	Thu	8/22/2019
20	Arapaho	Fri	8/23/2019	Tue	8/27/2019
19	Tanager	Wed	8/28/2019	Wed	8/28/2019
18-C	Swallow	Thu	8/29/2019	Wed	9/4/2019
18-M	County Boat Landing	Thu	9/5/2019	Wed	9/18/2019
17	Mockingbird	Thu	9/19/2019	Thu	9/19/2019



# Tentative Dredging Schedule

Impacted lot numbers provided at later date

Bay	Name	Start		End	
16	Gull	Fri	9/20/2019	Mon	9/23/2019
15	Warbler	Tue	9/24/2019	Wed	9/25/2019
14-C	Killdeer	Thu	9/26/2019	Thu	9/26/2019
14-M	County F	Fri	9/27/2019	Fri	9/27/2019
13	Meadow Lark	Mon	9/30/2019	Tue	10/8/2019
12	Robin #1	Wed	10/9/2019	Wed	10/9/2019
11	Robin #2	Thu	10/10/2019	Thu	10/10/2019
10	Goldfinch	Fri	10/11/2019	Fri	10/11/2019

# We cannot delay

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- **Costs will only go up.**
  - 2018 low bid contractor increased its bid by 26% for 2019
- **Most funding sources require committed projects**
- **Only opportunity for FEMA dredging relief**
- **Protect property values**
  - LRPD property assessments dropped 7% in 2018
  - Property assessments throughout Sauk County increased 3% in 2018
  - Real estate predictions documented last year are coming true



# What happens after the vote?

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## YES VOTE

- LRPD enters into contracts with Kaiyuh Services/Water Works Marine
- LRPD secures loan
- LRPD pursues outside funding
- LRPD will work w/Kaiyuh Services, Water Works Marine, & Ayres to execute the project
- LRPD will raise the general tax levy for 2019 to begin loan repayment

## NO VOTE

- LRPD residents need to decide whether to further pursue dredging, possibly at the August annual meeting
- A new committee would need to be formed
- Process starts over
- Earliest start for dredging likely 2023

**Shall the Lake Redstone Protection District, Town of La Valle, Sauk County, Wisconsin, be authorized to:**

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- 1. Borrow pursuant to Chapter 33.31 of the Wisconsin Statutes in an amount not to exceed \$3,700,000 for the purpose of dredging sediment from up to 25 bays in Lake Redstone.**
- 2. To levy an annual irrepealable tax against all taxable property within the Lake Redstone Protection District to pay the principal and interest of the indebtedness incurred, when due, for the above-referenced dredging. Tax to be levied based on all taxable property within the District includes, but is not limited to land and improvements.**
- 3. Enter into contracts with lowest responsible bidder for completion of dredging project.**



# Questions & Comments

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- **Please use the microphone**
- **By Number**
- **Limited to 1 question/comment per person and 3 minutes including response**

**Thank you!**

**For more information:  
[www.lakeredstonepd.org](http://www.lakeredstonepd.org)**